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PAIX-TRAVAIL-PATRIE

MINISTERE DE L'ADMINISTRATION TERRITORIALE ET  
DECENTRALISATION

REGION DU NORD OUEST

DEPARTEMENT DE MENCHUM  
COMMUNE DE FURU AWA



REPUBLIC OF CAMEROON

PEACE- WORK-FAHERLAND

MINISTRY OF TERRITORIAL ADMINSTRATION AND  
DECENTRALISATION

NORTH WEST REGION

MENCHUM DIVISION  
FURU AWA COUNCIL

## COPY OF FURU AWA COUNCIL DEVELOPMENT PLAN



**Elaborated with the Technical and Financial support of the National  
Community Driven Development Program (PNDDP)**



**April 2012**

## Executive Summary

The different councils in Cameroon have as responsibility of taking total control on developmental activities within their council areas so as to enhance development in a sustainable manner. This responsibility of the councils lies within the frame work of the decentralization process and also to aid meet up with the long term development vision of the Cameroon government of 2035 as stated in the GESP. This GESP confirms the option of involving the people at the grassroots in the identification of their problems and management of their micro projects. With the council having the task of managing micro projects and also the sustainable management of resources within their council areas, the councils then went in for the establishment of Council Development Plans (CDP).

The Council development plan of Fru Awa council is a document that captures the development vision of the council area respecting the different sectorail ministries operating in Cameroon. The elaboration of the Furu Awa CDP has been financed by the National Community Driven Development Program (PNDP). In the elaboration of this very important tool for the council of Furu Awa, the services of the Local Support Organization (LSO) Mount Zion were hired to accompmpay the council.

The method used in establishing this document was the participatory approach of which the following partners participated: all sector heads (technical back up whom also participated in producing planning tables); PNDP (Technical and Financial assistance), the community (providing information); LSO (data collection and analysis); the different developmental associations and socio groups.

The council area of Furu Awa of which this document covers is situated in the northern part of Menchum division in the North West of Cameroon and made up of 17 villages. This document (CDP) is very important because a cross section of developmental problems hindering development in this area has been identified in all the 17 villages. These problems identified in all the 28 sectors have been transformed in to micro project ideas. The identification of these problems was participatory through baseline, Council institutional diagnosis (CID), urban space and village participatory diagnosis (PVD) of which a number of meetings were held at each level for collection and consolidation of information. These meetings also created a room for the prioritization of micro projects with respect to the needs of the people in all the 28 sectors. Information for the elaboration of this CDP was collected between the months of July and November 2011.

In this document, a total of close to 500 micro projects are identified of which 25 of them are programmed for the first year on the annual investment plan (AIP). The micro projects in the first year are highly in the domain of water, health, trade and public works. The main problems identified in Furu Awa included the absence of potable water; very poor road network (due to the enclave nature of the terrain) and poor school and health services. The main potentials of this council area are timber, sand and stones. The Furu Awa council has a sum of **724,208,893Fcf** as investment budget for the implementation of projects in the AIP for the year 2012.

The CDP of Furu Awa remains a very important guide of development for the council and must be strictly respected by any development agent in the council area. This document is left under review at the end of each year, giving priority to urgent and programmed but un-executed projects.

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### **List of Abbreviations**

<b>PNDP:</b>	National Community Driven Development Program
<b>MZF:</b>	Mount Zion Foundation
<b>CDP:</b>	Council Development Plan
<b>LSO:</b>	Local Support Organization
<b>SDO:</b>	Senior Divisional Officer
<b>CDO:</b>	Council Development Officer
<b>D O:</b>	Divisional Officer
<b>NGOs:</b>	Non Governmental Organizations
<b>USD:</b>	Urban Space Diagnosis
<b>VPD:</b>	Village Participatory Diagnosis
<b>CID:</b>	Council Institutional Diagnosis
<b>AIP:</b>	Annual Investment Project
<b>TIP:</b>	Triennial Investment Project
<b>SDF:</b>	Social Democratic Front
<b>CPDM:</b>	Cameroon Peoples Democratic Movement
<b>MINADT:</b>	Ministry of Territorial Administration and Decentralization
<b>MINADER:</b>	Ministry of Agriculture and Rural Development
<b>MINEPIA:</b>	Ministry of Livestock, Fisheries and Animal Husbandry
<b>MINFOP:</b>	Ministry of Employment and Vocational Training
<b>CIGs:</b>	Common Initiative Groups
<b>G S:</b>	Government School
<b>G S S:</b>	Government Secondary School
<b>FEICOM:</b>	Special Council Support Fund for Mutual Assistance
<b>CEAC:</b>	Community Education and Action Centre
<b>P.Os:</b>	Producers Organizations
<b>PIB:</b>	Public Investment Budget
<b>HIV:</b>	Human Immune Deficiency Virus
<b>AIDS:</b>	Acquired Immune Deficiency Syndrome
<b>CRTV:</b>	Cameroon Radio Television Cooperation
<b>BBC:</b>	British Broadcasting Cooperation

## **INTRODUCTION**

### **1.**

#### **1.1 Context and Justification**

The CDP for Furu Awa council is realized within the context of Cameroon's vision for 2035 which aims at becoming an emerging industrialized nation and also respecting the goals of the growth and employment strategy. In this light the Government of Cameroon has embarked on ensuring operational sustainability on social and economic development of its people. To achieve this goal, the government of Cameroon is engaged in the process of transferring some responsibilities and local resources to the councils. This makes the councils the focal point for orientation and management of local development. Unfortunately, most of the council authorities and personnel do not have sufficient capacities that are required for the appropriate functioning of the council institution. The Furu Awa council needs a council development plan having qualitative and quantitative needs of the 17 villages within the council that will act as a guide for development in the council area. Most of the councils are unaware of the resources they have within their council areas and thus are unable to properly exploit, coordinate and use the resources available for the realisation of the local development of the council area.

Several partners have previously supported the Furu Awa council as well as other councils of the North West Region to carry out development actions.

The National Community Driven Development Program (PNDD) is stepping in to support the Furu-Awa council to elaborate an appropriate Council Development Plan (CDP) and to help the council acquire the capacities necessary for an eventual management of the CDP and the development process of the council area as a whole.

#### **1.2 Council Development Plan Objective**

The main objective of the CDP is to equip the Furu Awa council with a long term development plan which will aid as a guide in developing the Furu Awa council area. This will also serve as a lobbying tool for the Furu Awa council. Specifically, the following aspects were carried out:

- The collection of base line information (council monograph)
- Council institutional diagnosis
- Geo graphical referencing
- Mobilization of stake holders
- The realization of CID, urban space and participatory village diagnosis
- Establishing an operational planning and strategic planning
- Elaborating on monitoring and evaluation methods
- Identification of council main potentials
- Identification of micro projects for the council to implement.

#### **1.3 Structure of the work**

The Council Development Plan for Furu Awa is made up of two separate documents, which are the CDP and its annexes. The First document which is the CDP itself is structured as follows:

- Executive Summary
- Table of content

- List of Abbreviations, Tables and Figures
- Introduction
- Methodology
- Brief presentation of Council area
- Summary of Diagnosis results
- Strategic planning
- Operational planning
- Monitoring and Evaluation

The second document which is the annexes is made up of the base line, CID, urban space diagnosis, council institutional diagnosis, sample of village participatory diagnosis, validation minutes of the different diagnosis, and program and attendance sheets for planning work shop, project forms and some pictures.

## **2.0 METHODOLOGY**

In establishing this document (Furu Awa CDP) the participatory approach which involved all the different stake holders at the grassroots and other authorities.

### **2.1 PREPARATION OF THE WHOLE PROCESS**

Preparation started in a workshop in Bambui organized by PNDP aimed at training LSOs for the elaboration of CDP. This was the point of which many preliminary activities carried out.

#### **2.1.1. Getting in contact with the Municipal Executive**

The LSO team was presented to the council and the technical specifications examined. The methodology to use was discussed and agreed upon. A work plan was also elaborated by the LSO and handed to the council after which some modifications were made.

The Mayor and executive were cushioned on the identification of potential financial resources to be presented during planning workshop. The Office of Mount Zion Foundation created within the council area was presented to the council.

#### **2.1.2 Informing and sensitization of local administrative authorities**

The LSO team was presented to the administrative authorities found in Furu Awa which is headed by the sub divisional officer. A date for the launching of the CDP process was also agreed upon.

#### **2.1.3. Informing and sensitization of other parties involved,**

The different stake holders sensitized for this process included the following:

- The elites
- Stakeholders
- Sector heads
- The private sector
- Municipal councillors
- Associations and religious bodies
- Traditional authorities and



- The population including the vulnerable.

With the help of the council executive the different stake holders were informed using the following means: Circulars were developed about the process and pasted on major road junctions in Furu Awa council area; through correspondences addressed to some stake holders and announcements in the different churches.

#### **2.1.4. Launching work shop,**

The launching workshop for Furu-Awa council took place on the 30<sup>th</sup> of July 2011. This was a forum that made the population to know what the CDP was all about. Before the launching proper, invitations which were prepared by the LSO and endorsed by the Mayor were send out to stake holders. The S.D.O for Menchum who was represented by the D.O for Furu-Awa officially launched the project geared at elaborating a CDP for Furu Awa council.

The representative of the SDO called on every one to effectively contribute in this process of establishing the CDP. The Mayor on his part thanked the government of Cameroon for this process. He promised on behalf of the council to actively participate in the whole process. The participants during this launching workshop included Municipal councillors, follow-up committee, population, elites, sector heads, private sector, associations and NGOs, Developmental partners, religious authorities, traditional authorities and the vulnerable population.

#### **2.1.5. Baseline and cartographic mapping data collection**

In order to have preliminary information on the council, the baseline and the cartographic data were collected. The sources for the collection of Baseline data were established and comprised of the following:

- All the sectors (both at the sub divisional level and at the division)
- The Furu Awa Council
- The Chief Palaces
- Furu Awa Cultural and Development Associations.
- Vulnerable groups.
- Council staff, steering committee members, and the CDO
- When all the source of information had been established, a time frame for the collection of data was set. Letters of information on the process of the CDP were prepared for the different sectors and another seeking their assistance with the provision of information on their various activities and areas of intervention in the Furu Awa municipality. Personal discussions were also held with them to further clarify the data collected.

Information solicited was also compiled after which forms were designed as per the solicited information. The forms were then given to the various departments identified, and were then collected after filling and synthesized to come up with the baseline data for the council area. Data collected was resituated and validated as follows:

- Restitution and validation of the urban space diagnosis was on the 6<sup>th</sup> of August 2011
- Council institutional diagnosis was done on the 12<sup>th</sup> of August 2011
- That of the villages was validated by the steering committee on the 27<sup>th</sup> of March 2012.

## **2.2.0 Information collection and treatment**

### **2.2.1 At the level of Council Urban Space**

The Urban Space in Furu Awa Municipality is the Furu-Awa village as was demarcated by the steering committee, CDO, councillors and a cross section of the population in conformity with the Mayor. The Urban Space was made up of a single village which was Furu-Awa village. The other villages were too distance from the Urban Space. In order to have a first hand view of problems faced by the different socio professional groups within the Urban Space, interviews were conducted within the Furu-Awa village that make up the Urban Space. All the 28 sectors were equally interviewed with their strengths, weaknesses, opportunities and threats diagnosed. The problems identified were analysed taking into consideration the potentials present within the urban space.

#### **2.2.1.1 Identification of problems, constraints and potentials by sector**

To consolidate the findings of problems at the Urban Space, a one day workshop was organised. The workshop involved stakeholders from all the different sectors who were present within the municipality. During the workshop, the problems, causes, effects and the potentials per sector were identified. After the identification, the local solutions were also proposed for these problems. Those that could not be solved locally were tabulated for further incorporation into the triennial plan. However because of the difficult nature of the Furu Awa terrain coupled with bad roads, those sectors whose offices were based in Wum Town and not represented in Furu Awa; their sector heads were served with printed copies of the diagnosis and base line data collected for review and validation. Their corrections and inputs were then incorporated into the final report.

### **2.2.2. At the Level of the Council Institution (CID)**

#### **2.2.2.1 Data collection**

Council institutional diagnosis was carried out for two weeks and resituated. The council executive was contacted for an agreement for an appropriate date, time and venue during which the exercise would start and on the duration. The different information to be gotten from the council was also outlined and solicited. All this was made available to the team and adequately utilised.

After this, forms were designed and distributed to the different person's concerned (councillors, staff and executive). The tools used were designed to elicit data from the council staff, executive and councillors. Another tool was designed to get information on the council's assets and their state of functioning. Before this, the team had produced tools to be used for the collection of data. The staff were interviewed in plenary and also in their units. Some of the things the staff could not say in plenary were then collected during sub meetings held with the different units that make up the Furu Awa Council. Restitution of the CID was done on the 12th of August 2011

#### **2.2.2.2 Analysis of data collected**

Data analysis was done after collection of forms that the councillors and staff had filled. The data collected was corrected during the restitution.

### **2.2.3.0 At the level of the Village Participatory Diagnosis (VPD)**

#### **2.2.3.1 Organisation of workshop**

This field exercise was accomplished through the organization of a three days participatory workshop for each village in the municipality involving men, women, youths, the vulnerable, Mbororos and the facilitators.

#### **2.2.3.2 Identification of problems, constraints and potentials by sector**

To consolidate the findings of problems at the village level, a three day participatory workshop was organised in each village of the municipality. During the workshops, the problems, causes, effects and the potentials per sector were identified. After the identification, the local solutions were also proposed for these problems.

#### **2.2.3.3 Problem Analysis**

In order to effectively analyse the problems faced by each village, diagnosis were carried out using the participatory approach. The villagers brainstormed during the workshop and with the help of the local facilitator and that from Mount Zion Foundation they looked at the problems, the causes, effects and potentials available in the different sectors. A participatory mapping of the village was equally carried out. A Venn diagram was also drawn and resituated by the participants.

#### **2.2.3.4 Projects identification**

In order to alleviate poverty each village during a plenary chose priority projects for the eight key social sectors. These projects were rank in order of importance by the villagers themselves. Some where later selected for the Annual Investment Project (AIP) and the Triennial Investment Project (TIP).

### **2.3. Consolidation of Data Mapping and cartography**

Data collected at the level of the Urban Space, Council Institutional Diagnosis and Village Participatory diagnosis was consolidated and validated during a workshop where all the sector representatives were present. For that of the council institutional diagnosis, the Mayor and a cross section of his executive were present during this process. As for that of the village participatory diagnosis, data was validated at the end of each village participatory diagnosis by the entire population of the village. All the different village reports were then further sent to the steering committee, the mayor and the CDO whom finally validated. This was done on the 23<sup>rd</sup> of November 2011 for the CID, the Urban Space, and for the Baseline and on the 27<sup>th</sup> of March 2012 for the Village Participatory Diagnosis.

As of mapping and cartography work, the Map of Furu Awa was collected from existing documents carrying a detailed map of the municipality. This was done during the review of literature from existing documents. Later on, thematic maps had to be drawn following the GPS system.

## **2.4 Planning Workshop, Resource Mobilization and programming**

### **2.4.1. Preparation of the planning workshop**

At the preparatory stage of this workshop, the LSO team which has carried out the different diagnosis, prepared the information collected from the field and handed to PNDP and Furu Awa council for any eventual corrections. These corrections were done and send back to the office of the LSO for corrections. The final restitution and validation meeting took place on the 27<sup>th</sup> of March 2012 at the conference hall of the Divisional Officer in Furu-Awa. This stage of the process also saw the preparation of log frames tables and distributing them more than a week before the planning workshop to sector heads.

### **2.4.2. Planning**

The planning workshop which ran for three days ( 23<sup>rd</sup> and 26<sup>th</sup>-27<sup>th</sup> of March 2012), brought together sector head (Divisional delegates), state devolved technical services, municipal services, civil society, CDO, Mayor, the steering committee, and an expert from PNDP. The workshop took place at the Conference hall of the D O of Furu-Awa. During this planning workshop, the planning tables were presented to stakeholders. On the first day, participant worked on the consolidated problem tree and log frames. Each log frame was read in the plenary and a chance given to each participant to comment. On the second day, resource mobilization was presented by the mayor of Furu-Awa Council. Towards the planning workshop, the LSO send a letter to the Mayor dated the 19<sup>th</sup> of March 2012 reminding the mayor of providing the resources of the council. This presentation of resources finally took place on the 27<sup>th</sup> of March at the Conference hall of the D O of Furu-Awa. The third day was meant for programming. Participants used the workshop in elaborating the annual and triennial plan. This was done through planning table for priority projects earmarked in the first three years.

## **2.5 Implementation of participatory monitoring and evaluation mechanism**

The implementation, monitoring and evaluation mechanism for the Furu-Awa CDP was presented by the LSO during the programming workshop. The members adopted that the LSO produce technical follow up sheets to follow up the execution of the CDP. These sheets will specify the content and periodicity to assess the implementation. Furthermore the CDP is to be updated each year as agreed.

## **3.0 Brief Presentation of the Council Area**

### **3.1 Description of the Council Area**

Furu-Awa council area is found in the northern part of Menchum division in the North-West Region of the Republic of Cameroon. Furu Awa council area has a population of about 19.000 inhabitants spread over a surface area of 1.500km<sup>2</sup>. This sub division was created in 1995 by the Ministerial decree No 95/082 of 24/04/95, bearing on the creation-of the Furu-Awa Council. This council area is made up of 17 villages with its head quarter in Furu-Awa village. The main language spoken in Furu Awa council area is the jukum language. Other minor languages include the Akum and the fufulbe spoken by the Mbororos. Among the learned population, the English language is often used especially when communicating with strangers or visitors. The population of the Furu-Awa municipality is a conglomerate of ethnic groups. These include, the Awas which is the main ethnic groups and others such as the Kuted, Lubu, Buzem, Fulani, Wum, Titi and Akum. The population also constitutes migrants from neighboring Nigeria. Pouplation per village is indicated on table 01.

Table 1: Population of Constituent Villages

Sn	Village	Population in Age brackets						
		0 -5	6 - 14	15-59	60 and above	Women	Men	Total
1	Akum	600	1400	1200	800	1300	700	4,000
2	Badji	125	188	567	35	350	200	863
3	Biando I	50	80	100	20	120	100	350
4	Biando II	78	200	652		420	380	1,198
5	Edzong	100	170	250	40	150	70	520
6	Furu Awa	154	300	805	35	450	390	1,294
7	Furu Bana	105	210	177	15	98	92	505
8	Kpep	200	420	1150	30	700	400	1,800
9	Lebo	174	80	250	60	155	100	509
10	Lubu	97	102	194	15	119	90	408
11	Lutu	198	380	430	1018	400	338	1,116
12	Mbulom	40	52	80	28	68	40	200
13	Nangwa	60	75	223	13	170	120	425
14	Nkang	297	290	482	80	431	408	1,139
15	Nser	75	170	4-55	95	270	175	795
16	Sambari	200	500	950	50	700	400	1,800
17	Turuwa	200	250	200	50	380	320	1,150
<b>Total</b>		2753	4867	27890	2384			<b>18913</b>

Source: Field survey (village Diagnosis) 2011

**LOCATION MAP**



**FURU AWA COUNCIL  
DEVELOPMENT PLAN**

Meachim District in Cameroon



Location of Furu Awa  
in North West Region



**Figure 1: Location map for Furu Awa**

### **3.2 Historical Profile**

Before the creation of this Council, Furu Awa was formerly under the Wum Area Council. The human and physical milieus of the various villages that make up the council area are quite diverse. Some of the areas and villages that make up the municipality are quite enclave and inaccessible, thus, there is difficulty in effective administration because of poor accessibility. Since inception, the council has been ruled by three democratically elected Mayors from two legalized political parties. The first party to rule the council was the Social Democratic Front (SDF) and the pioneer Mayor was Mayor Atoh Ivo Mucha. The SDF later gave way to the CPDM party which till date is the party in power. This council presently has twenty five councilors (of which 24 are men and one is a woman) amongst whom one was elected the Mayor and two others as 1<sup>st</sup> and 2<sup>nd</sup> Deputies. It has a total of twelve staff. The council is made up of a civil status and a finance department. The council functions with three committees which are finance committee, works committee and social affairs commit. Although the villages fall under a Municipality, they claim their origin from different areas. A majority of them claimed they came from Nigeria due to the influence of tribal wars and succession problems. Each village is headed by a chief, but in villages where there are Fulanis, an Ardo takes care of the Fulani and he works hand in glove with the chief for the development and wellbeing of the entire village.

### **3.3.0 Main Potentials and Resources of the Council.**

#### **3.3.1 CLIMATE**

There are two distinct seasons in the Furu-Awa Municipality which include the rainy and the dry seasons. The rainy season begins toward the end of March and covers a period of eight months up to mid November. The total annual rainfall for the council ranges between 2513mm and 2831mm. During mid August, there is abundant rainfall and too much cold. The dry season runs from mid November to mid March. The hottest periods and droughts are witnessed towards the end of February. Furu Awa is characterized by the equatorial type of climate. The favorable climate favors the cultivation of diverse food and cash crops such as groundnuts, maize, and cocoa. The mean daily temperature of 28°C favors the cultivation of most food and cash crops.

#### **3.3.2 SOIL TYPES**

The soil type ranges from loam, clayish, silt and sandy soils. The soil is dominated by volcanic soils at the foot of the mountains, ferruginous and silt soils and inorganic soils. This thus favors and permits the growing of a variety of agricultural products. There is a high level of erosion of the top soils especially those found on hill tops. Mud flows and landslides usually occur after heavy down pours. The banks of these rivers are loaded with alluvial soils that are good for off- season farming but there is little or no irrigation practiced here.

#### **3.3.3 RELIEF (Topography)**

The relief of the council area is rugged and undulating. It is characterized by mountain chains and hills covered by montane forest, shrubs and grassland. There are rocky cliffs in the municipality. The mountains and hills include Mt Buzong, Mt kpashim, Mt. Munzour Mt Bidzizi, Mt. Kwessu, Mt. Utiuck, Mt. Badgi and a host of others. Mt Buzong and Mt. Munzour are volcanic mountains.

Settlements occur on lowland with flat ground that is good for the construction of houses and transportation of farm products to storage places. Many villagers prefer to carry out agricultural activities on the plains rather than the steep slopes.

#### **3.3.4 HYDROLOGY**

Found in the North-West plateau, the Furu-Awa municipality is full of running springs, streams and waterfall. Though in abundance, the council has not yet made good use of it. Only Furu-Awa villages have benefited from this resource for the provision of drinkable water. Some of the villages remain without pure drinkable water especially during the dry season when the springs get dry. The flow of the rivers in Furu-Awa gives the village a good look. Some of the streams in the municipality includes, Mangara, Waekop, Kembo, Long-tanah Zang-kpan, Gamina, Nangwa, Katsina ala, Zang akpan, Zang-Sama, Gama Tosso, Tambou Mbere-yira and Echim to name a few. In some of the large rivers, there is the presence of crocodiles, different species of fish, turtle and other water animals.

#### **3.3.5 VEGETATION**

The municipality covers an extensive forest area. The council falls within the Sudano-Savanna zone which has the characteristic of grassy vegetation. Around Nkang extending to the Doumbo cattle ranch, large herds of cattle are being reared by the Mbororos. There is also transhumance in some of the villages such as Lubu, Nser and Kpep during the dry season. The large forest provides wood for fuel and timber. They also serve as habitat for a variety of animal species. They serve in the provision of non timber forest products such as Njangsa and bush mangoes. The council forest area possesses a lot of potentials that can be exploited for the benefit of the municipality. It has a lot of medicinal plants that are used for the treatment of various diseases. Around settlements and in some spotted parts of the council, there is man made vegetation. There is the growth of plants such as cocoa, plantains, palms, mangoes and oranges which help make the council area to look evergreen especially during the rainy season.

#### **3.3.6 FAUNA**

Where there is a forest, there is the likelihood for wildlife to be present. Made up of forest and grassy vegetation, the Furu-Awa forest and savanna land have the potential of harboring wildlife of diverse species. The forest serves as habitats for some endangered species in the country. It inhabits species such as, hare, porcupines, deer, cane rats, monkeys, antelope and chimpanzees. The different games act as touristic attractions though not exploited.

#### **3.3.7 PROTECTED AREAS.**

There are no legally protected areas in the Furu Awa Municipality. Traditionally protected areas are mostly sacred woodlots or shrines. These areas serve as sanctuaries or abodes of important personalities who are deceased. It contains medicinal plants and other plants species. They are found near palaces and in some parts around streams and rivers. Traditional rites are usually performed in these areas to appease the gods for good health, harvest and protection. Assessing the possibilities for declaring and creating legal protected areas, reserves, or community forests is very necessary.



### **3.3.8 MINERAL RESOURCES**

The knowledge of minerals in the municipality is quite limited apart from minerals such as red laterite, stones, sand and aluminum. There is no research report on mineral resources, although the concerned divisional delegate made mention of these. This is a potential area for research.

## **3.4. Thematic Maps**

### **Public health**

The situation of public health in Furu Awa municipality is not encouraging at all. Only one health centre is found in the municipality of which it is not accessible to the population. It is constructed in Furu Awa village which is very far-off the community. Some of the natives of Furu Awa prefer to attain health services in neighboring Nigeria rather than moving long distances of which at times no health personnel will be present in the health centre. Figure 2 which is the thematic map for health shows the location of this health centre.

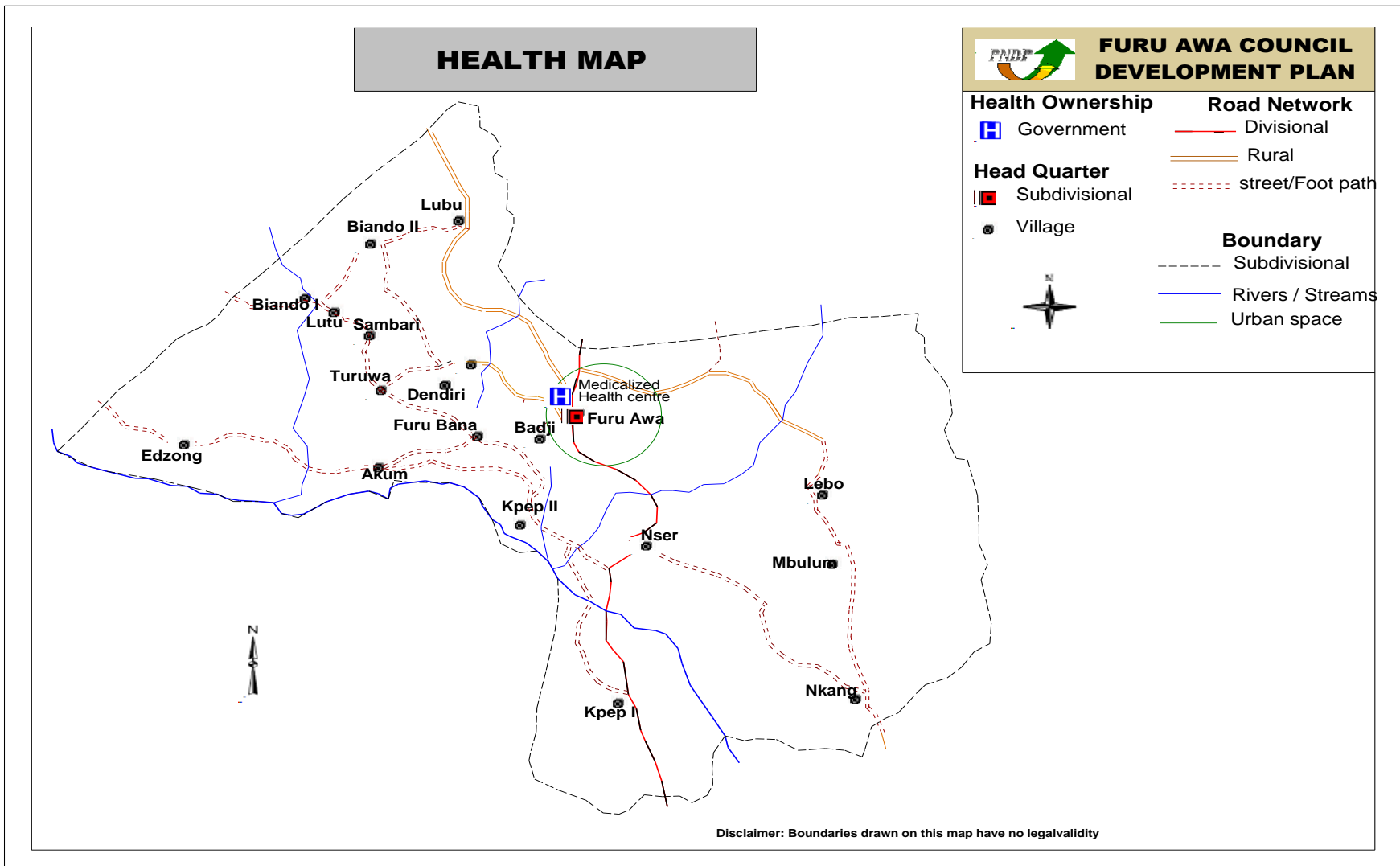


Figure 2: Thematic map for health

### **Basic Education**

There are 16 primary schools distributed all over the municipality of Furu Awa. The problems facing these schools include; limited teachers, poor infrastructure, absence of didactic material and no potable water for drinking. Some of the pupils do sit on the bare floor for studies.

There is no Government nursery school found in this municipality. Figure 3 shows how the different primary schools are distributed all over the municipality of Furu Awa

### **Secondary Education**

Only secondary schools are presently found in this Municipality. Figure 4 shows the villages of which these schools are located in Furu Awa municipality.

There is no higher institution in this municipality.

### **Water and Energy**

The potable water supply system of the entire council area is very poor. Only Furu-Awa village have attempted a developed water scheme using the gravity system. As of this day, even with the construction of a new catchment area there is no pipe borne water in the municipality.

There is no electricity supply by SONEL in the Council area. In each of the village, only a few homes and some business spots are electrified using generators. One of the greatest needs of the population of the area is to extend the lines from Wum to Furu-Awa. Many development ventures and investments require that electricity is available. There is however recent feasibility studies by the government of Cameroon and its partners to build a dam in the river Katsina Ala. If such a project is successfully undertaken, life in the municipality will be improved. Figure 5 shows the general hydrology map.

### **Road Infrastructure**

Most of the roads in the Council area are bushy foot paths. The only earth road found in the municipality is the road from Esu to Kpep. Meanwhile from Nser over the River Katsina Ala to Furu-Awa village, the road is being open up. There is therefore the need to construct a bridge over river Katsina Ala in order to link Wum and the Municipal headquarter of Furu-Awa. The bushy footpaths are partially maintained by the villagers through community works. The poor network and the consequences cannot be overemphasized. The roads need either to be rehabilitated, constructed or open up. Figure 6 shows road net work of Furu Awa municipality.

### **Trade**

There are no established markets in the municipality. The buying and selling of goods is done clandestinely. Buyers from the Federal Republic of Nigeria infiltrate the municipality and purchase goods such as cocoa, bush mangoes, plantains, maize, games and groundnuts. The currency frequently used in Furu Awa is the naira.

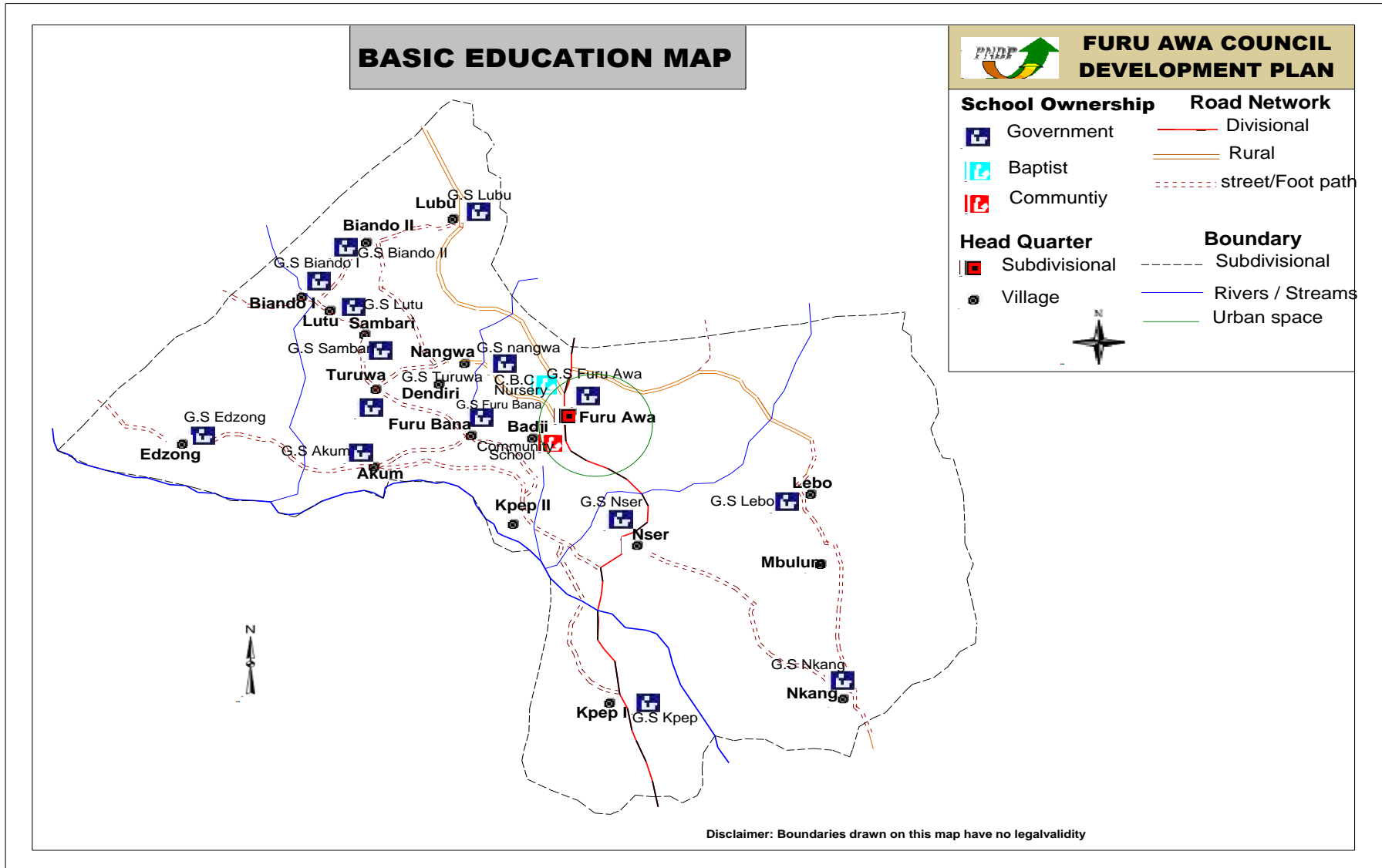
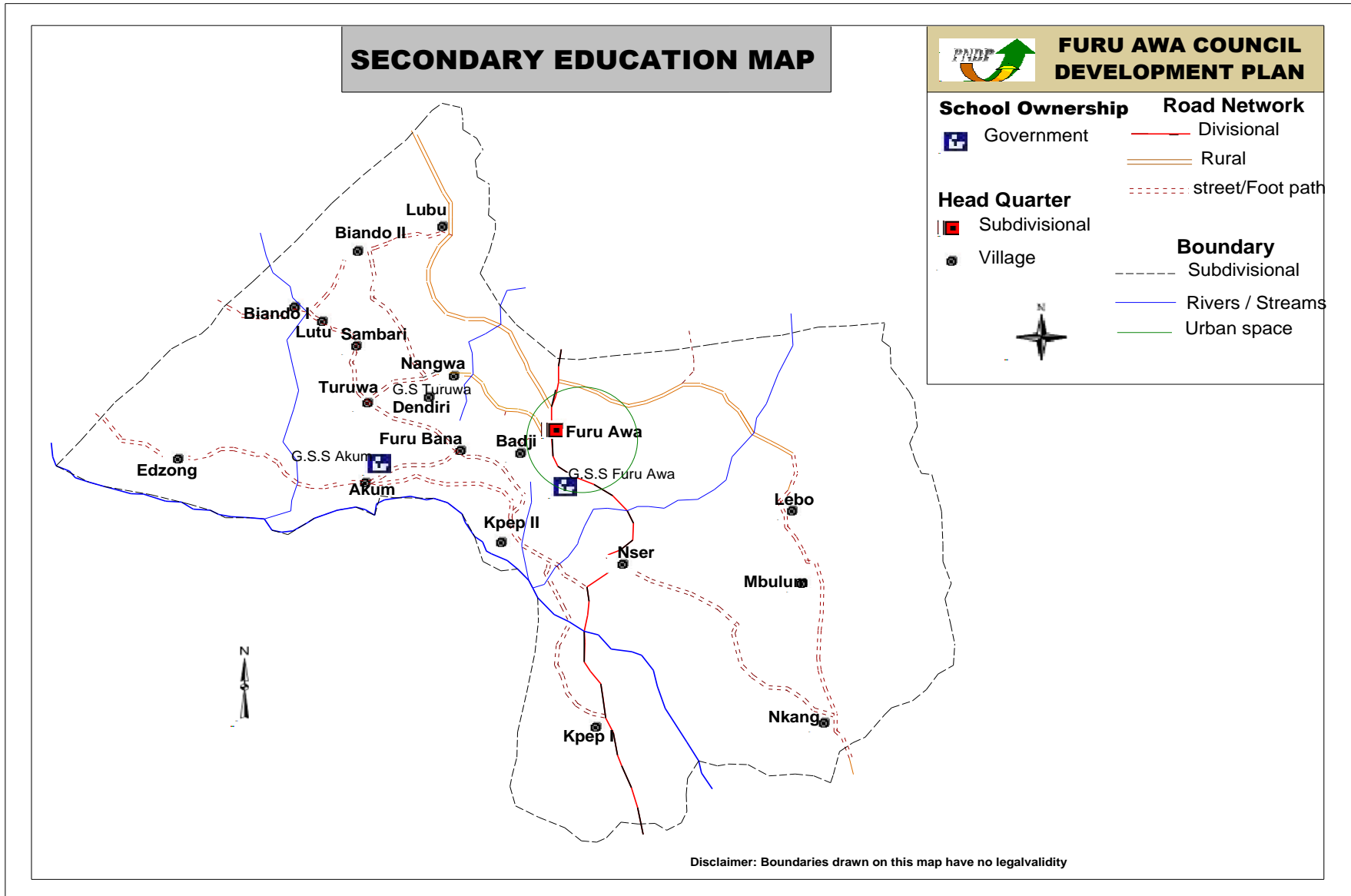


Figure 3: Thematic map for Basic Education



**Figure 4: Thematic Map for Secondary Education**

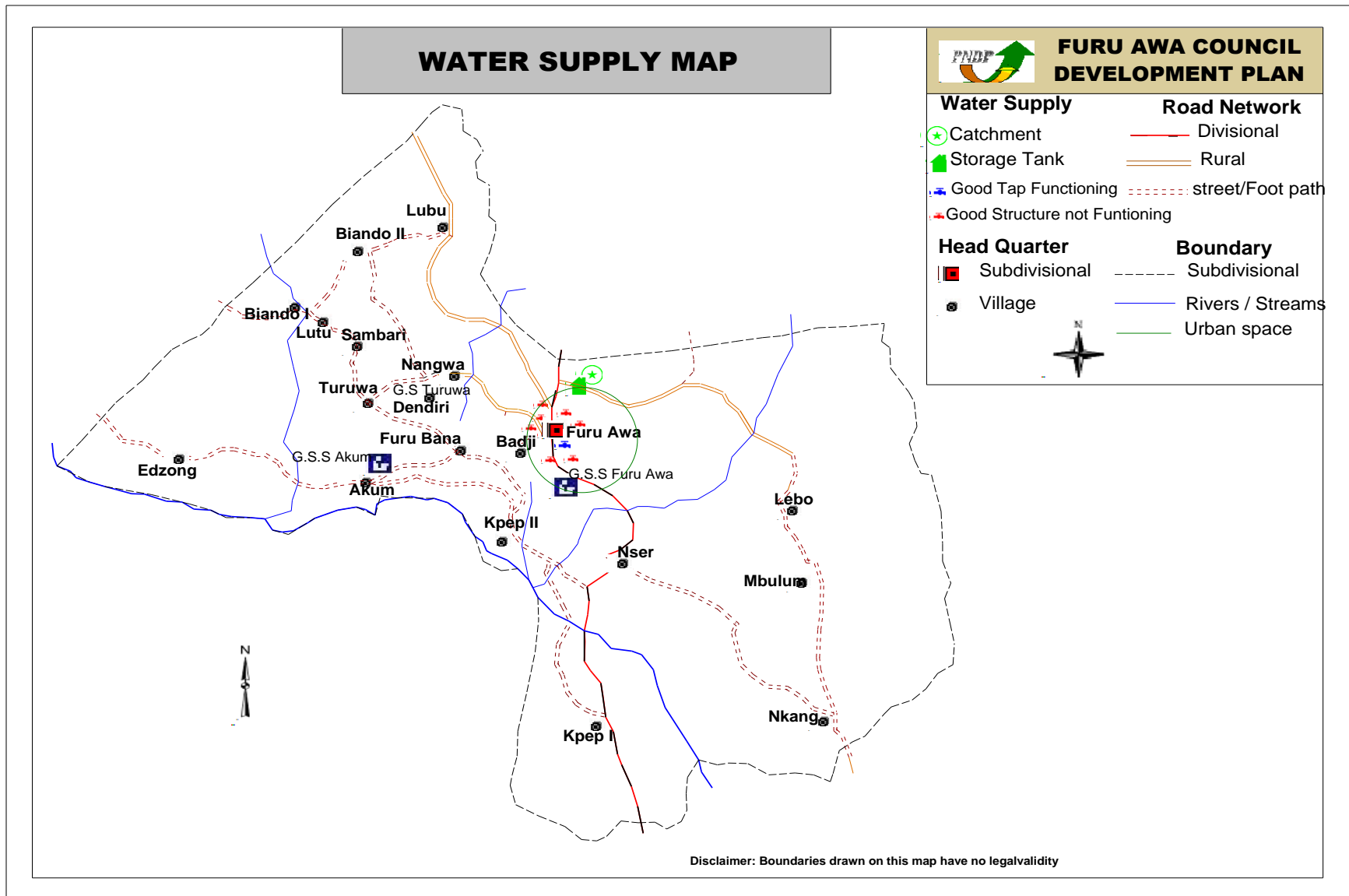


Figure 5: Thematic map for water supply

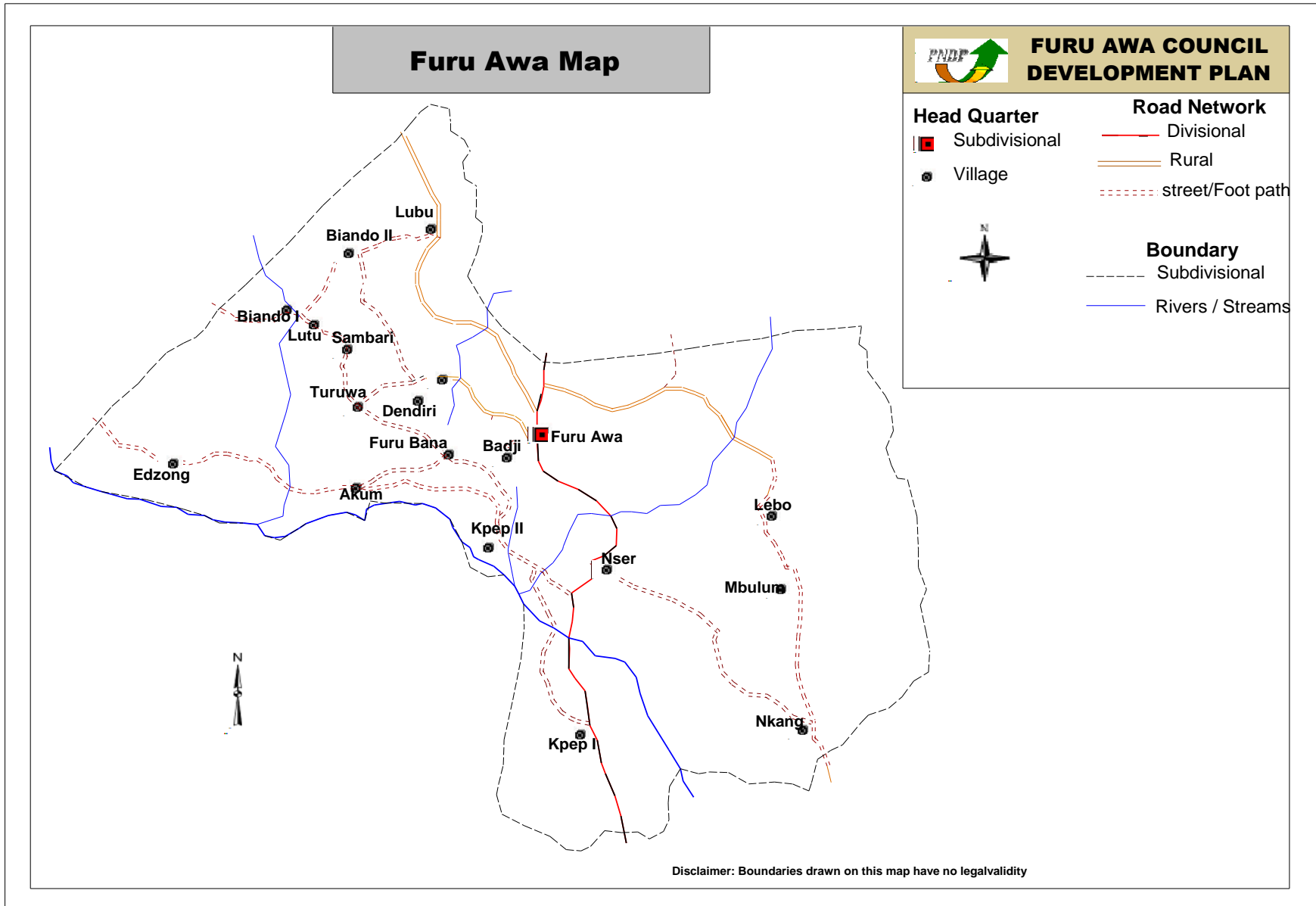
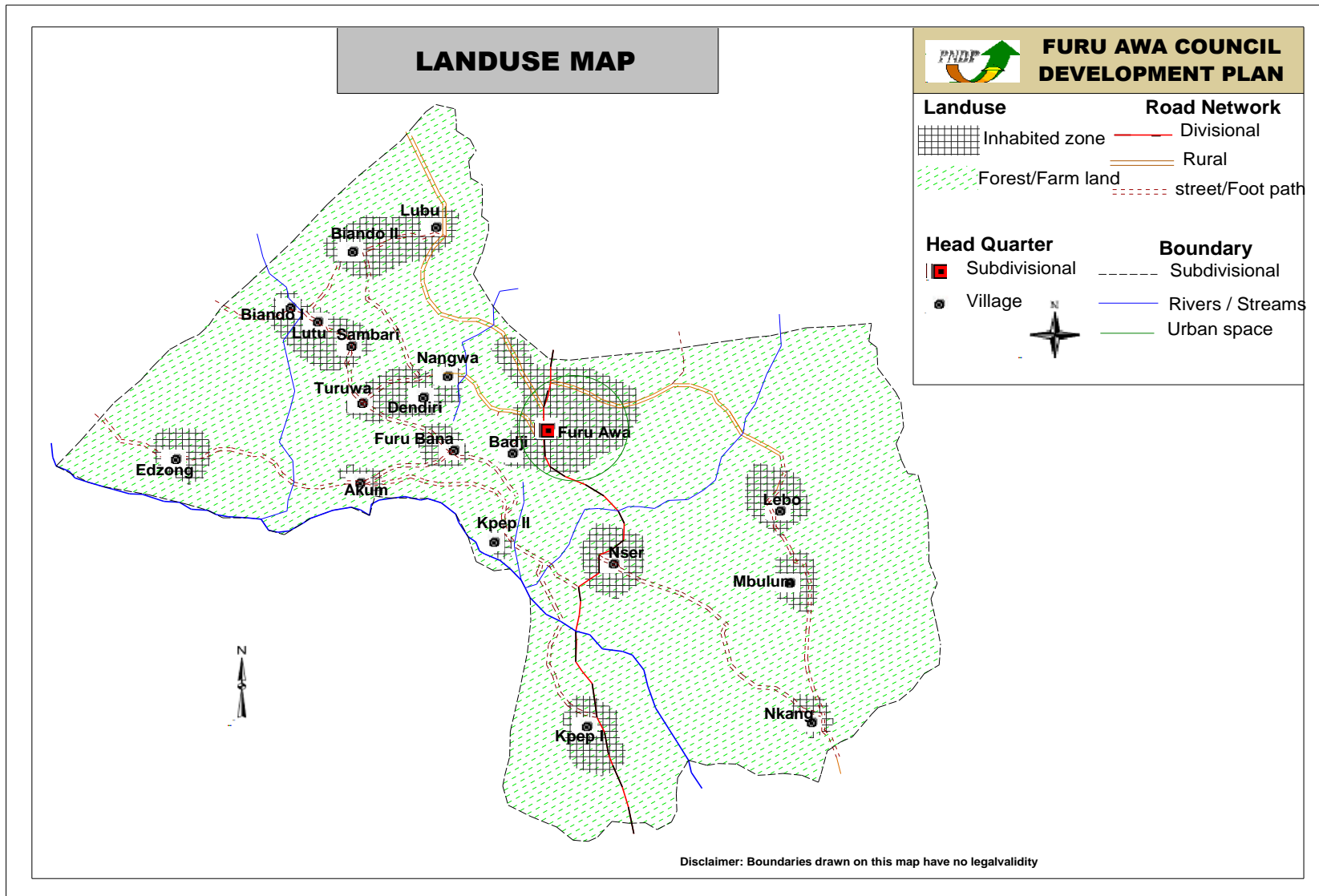


Figure 6: Road net work for Furu Awa Municipality



**Figure 7: Land Use Map**



#### 4. SUMMARY OF DIAGNOSTIC RESULTS

##### 4.1. Consolidation of Diagnosis information

The consolidation diagnosis of the CDP of Furu Awa council is as a result of the synthesis of data from the different diagnosis (UDs, CID, VPD and baseline) carried out within the council area. Table 2 that follows show synthesis data and needs per priority sectors of the council area of Furu Awa

##### 4.1.1. Excel Sheets

**Table 2: Excel sheets**

##### Schools in Furu Awa Council Area

Village	School	Geographic contact			School status	Level	Year of creation	Total Number of students			Total number of staff		
		X	Y	Z				(i)	(ii)	Girls	Boys	Total	Parent teachers
Akum	G.S Akum	10.05663	6.83849	382	Pub	3	1976	146	366	512	0	5	1
Akum	G.S S. Akum	10.17454	6.91585	243	Pub	4	2010	15	20	35	1	0	0
Badji	Community School Badji	10.12478	6.86755	391	Pri	3	2008	100	250	350	2	0	0
Biando I	GS Biando I	10.05707	6.93521	241	Pub	3	1986	97	118	215	0	2	1
Biando II	GS Biando II	10.11342	6.96644	236	Pub	3	1985	86	37	123	0	3	0
Edzong	GS Edzong	9.99110	6.84673	379	Pub	3	1996	54	64	118	0	4	0
Furu Awa	GS Furu Awa	10.19100	6.91694	241	Pub	3	1976	209	295	504	1	3	0
Furu Awa	Baptist Nurser School	10.18375	6.92502	247	Pri	1	2010	50	60	110	0	3	0
Furu Awa	GSS Furu Awa	10.17454	6.91585	243	Pub	4	1987	40	160	200	0	3	3
Furu Bana	GS Furu Bana	10.09492	6.85964	282	Pub	3	2001	94	150	244	2	2	1
Kpep	GS Kpep	10.12340	6.81234	404	Pub	3	1985	125	187	312	0	5	0
Lebo	GS Lebo	10.19642	6.83936	322	Pub	3	1985	26	24	50	0	4	0
Lubu	GS Lubu	10.15899	6.98592	239	Pub	3	1984	77	73	150	0	2	0
Lutu	GS Lutu	10.07282	6.91656	236	Pub	1	2011	72	68	140	1	0	1
Nangwa	GS Nangwa	10.12950	6.92212	265	Pub	3	2005	76	77	153	0	2	0
Nkang	GS Nkang	10.19336	6.77994	389	Pub	3	1985	86	147	233	2	1	0
Nser	GS Nser	10.12917	6.85397	489	Pub	3	1985	135	250	385	0	3	1
Sambari	GS Sambari	10.08068	6.91396	238	pub	3	1976	46	80	126	0	3	0
Turuwa	GS Turuwa	10.09728	6.88880	345	Pub	3	2006	119	81	200	1	2	1

		TOTAL							1653	2507	4160	10	47	9
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Village	School	Number and classroom equipment					general state of buildings			Pupils/ teacher ratio	Pupils/ Class Room ratio	Pupils/ seat occupied ratio	Developments			
		banco/ seko/ poto poto	plank	semi-block	block	Table - desks	good	average	bad				Water point	latrines	Trash cans	Re Afo restation
Akum	G.S Akum	0	0	0	6	4			bad	85.3	85.3	64	N	N	N	N
Akum	G.S S. Akum	0	0	0	2	10	Still under construction			35	17.5	2	N	N	N	N
Badji	Community School Badji	0	0	0	2	60	B	0		175	175	3	N	N	N	N
Biando I	GS Biando I	0	0	2	2	85	B	0		71.7	53.8	1	N	O	N	N
Biando II	GS Biando II	0	0	0	4	60		average	bad	41	30.8	1	N	O	N	N
Edzong	GS Edzong	0	0	0	4	29		average		29.5	29.5	2	N	O	N	N
Furu Awa	GS Furu Awa	0	0	0	10	57	B	average	bad	126	50.4	4	O	O	N	N
Furu Awa	Baptist Nurser School	0	0	1	0	20	B			36.7	110	3	N	O	N	N
Furu Awa	GSS Furu Awa	0	0	0	10	67	B	average	bad	33.3	20	1	O	O	N	N
Furu Bana	GS Furu Bana	0	0	0	4	51		average		48.8	61	2	N	N	N	N
Kpep	GS Kpep	0	0	0	5	120		average		62.4	62.4	1	N	N	N	N
Lebo	GS Lebo		0	0	4	67			bad	12.5	12.5	0	N	N	N	N
Lubu	GS Lubu	0	0	2	5	10		average	bad	75	21.4	8	N	O	N	N
Lutu	GS Lutu	0	0	0	2	40	B			70	70	2	N	N	N	N

Mbulum																
Nangwa	GS Nangwa	0	0	0	2	110	B			76.5	76.5	1	N	O	N	N
Nkang	GS Nkang	0	0	0	4	57				77.7	58.3	2	N	N	N	N
Nser	GS Nser	0	0	0	2	70			bad	96.3	193	3	N	O	N	N
Sambari	GS Sambari	0	0	0	5	60			average	42	25.2	1	N	O	N	N
Turuwa	GS Turuwa	0	0	0	4	40			average	50	50	3	N	N	N	N
Total		0	0	5	77	1017	0	0	0				0	0	0	0

Source: Field Survey 2011

N = No and O = Yes

### Villages, their coordinates and main structures

Village	Geographic Contacts			Population					Exiting Infrastructures					
	X (East)	Y (North)	Z (m)	Men	Women	The young (less than 16 years)	Children (less than 5 years)	Total	School	Health center	Other water points	Psy chosocial Infra structures	Elec tricity	Tele phone
									Num ber				(Y/N)	
Akum	10.05307	6.83614	381	700	1300	1400	600	4,000	2	0	0	0	N	N
Badji	10.12035	6.86650	392	200	350	188	125	863	1	0	0	0	N	N
Biando I	10.06006	6.93828	242	100	120	80	50	350	1	0	0	0	N	N
Biando II	10.11030	6.96820	235	380	420	300	98	1,198	1	0	0	0	N	N
Edzong	9.98624	6.84655	377	70	150	200	100	520	1	0	0	0	N	N
Furu Awa	10.18984	6.91784	248	390	450	300	154	1,294	3	1	1	0	N	N
Furu Bana	10.09370	6.85999	381	92	98	210	105	505	1	0	0	0	N	N

Kpep	10.12139	6.81473	400	400	700	500	200	1,800	1	0	0	0	N	N
Lebo	10.20033	6.83721	321	100	155	80	174	509	1	0	0	0	N	N
Lubu	10.15501	6.99564	236	90	119	102	97	408	1	0	0	0	N	N
Lutu	10.06879	6.91746	238	338	400	280	98	1,116	1	0	0	0	N	N
Mbulum	10.19553	6.81379	332	40	68	52	40	200	0	0	0	0	N	N
Nangwa	10.12819	6.91952	263	120	170	75	60	425	1	0	0	0	N	N
Nkang	10.19334	6.77302	387	408	431	200	100	1,139	1	0	0	0	N	N
Nser	10.12550	6.84329	469	175	270	200	150	795	1	0	0	0	N	N
Sambari	10.07975	6.90986	239	400	700	500	200	1,800	1	0	0	0	N	N
Turuwa	10.09373	6.88774	234	320	380	250	200	1,150	1	0	0	0	N	N
<b>TOTAL</b>				3623	4,981	4,917		18,072	19	1	1	0		

Source: Field Survey 2011

### Water Adduction

Village	Populati on (a)	Work type		Structure Characteristics						Management	
		Scan- water	Portabl e water supply	Water capturing	Number of water towers	Number of bore holes	Number of public taps	Number of connections	Number of non functional public taps		
				(i)							(ii)
<b>Furu Awa</b>	1,294		1	S	0	0	10	10	9	D	

Village	Geographic Contact of work																	
	Water capturing 1			Tapauline/ reservoir			Public tap N°1			Public tap N°2			Public tap N°3			Public tap N°4		
	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
<b>Furu Awa</b>	10.19 336	6.91352	284	10.19 336	6.91 352	282	10.18 961	6.91 699	254	10.18 977	6.91795	266	10.18 913	6.91 680	257	10.18 959	6.91 517	242

Source: Field Survey 2011

D = Direct

### Health Infrastructure

Village	Health unit	Population (a)	Geographic contact of work			Source of financing	Generality of the center			Staff						Infrastructure			
							Health area	Health district	Centre status	Medical doctor	IDE	IB	AS	Matrone	Comis	Nb of buildings	State		
			X	Y	Z			(i)							good		average	bad	
Furu Awa	Medicalized health center	1,294	10.17354	6.91130	256	Government	Wum	Furuawa	INT	0	5	0	0	2	1	1	0	0	1

Village	Health unit	Equipments of the center					Amenagement						Management of the Center	
		Bed	Lab	Maternity	Pharmacy	Refrigerator	Water Point	Latrine	Reafore station	gate	Waste treatment device	Lodging for Doctor	Existence of a management committee	Existence of a health committee
		(Y/N)	(Y/N)	(Y/N)		(Y/N)	(Y/N)	(Y/N)	(Y/N)	(Y/N)	(ii)	(Y/N)	(Y/N)	(Y/N)
Furu Awa	Medicalized health center	6	2	1	1	1	Y	Y	N	N	M	N	N	N

Source: Field Survey 2011

INT = integrated, M = bad, Y = yes and N = No

**Public Works**

Village	Population (a)	REALIZATION			CHARACTERISTICS, FUNCTIONALITY AND MAINTENANCE				Geographic data							
		Enterprise	Source of financing	Year of realisation	Nature of works	Length of developed road	State of road section	management committee/maintenance	Villages crossed			Critical points				
										X	Y	Critical point	Work to be done	X	Y	
<b>Akum</b>	4,000	Government	government/community		O	5	D	N	Edzong and Akum							
<b>Badji</b>	863				O											
<b>Biando I</b>	350				O											
<b>Biando II</b>	1,198				O											
<b>Edzong</b>	520				O											
<b>Furu Awa</b>	1,294	Government	government/community	2011	O	13.6	D	N	Kpep I	10.12 139	6.8 14 73	proposed bridge	construction	10.1 4003	6.790 80	
					O							proposed bridge	construction	10.1 2359	6.819 95	
					O				Nser	10.12 550	6.8 43 29	proposed bridge	construction	10.1 2309	6.836 44	

					O							prop osed bridg e	construction	10.1 3160	6.858 06
<b>Kpep</b>	1,800				O	4	D	N	Kpep I	10.12 139	6.8 14 73				

Source: Field Survey 2011

O = opening, D = degraded and Y = No

#### 4.2. Main Problems Identified per sector

**Table 3 Main problems identified per sector**

Sector	Problem(s)	Cause(s)	Effect(s)	Solutions
<b>Agriculture</b>	Poor yields from farms	<ul style="list-style-type: none"> <li>- Poor technical supervision</li> <li>- High cost of farm inputs</li> <li>- Lack of improved variety of seeds</li> <li>- Poor farming techniques</li> <li>- Burning of Ankara</li> <li>- None use of inorganic manure</li> </ul> Poor soils destruction of crops by stray animals crop diseases, pests and insects attack Insufficient financial assistance Soil Erosion Flooding of river banks during rainy seasons	<ul style="list-style-type: none"> <li>-Poverty</li> <li>-Low standards of living</li> <li>-Hunger</li> <li>-Low income</li> <li>-Rural exodus and loss of manpower</li> </ul>	<ul style="list-style-type: none"> <li>-facilitating capital for the establishment of big farms</li> <li>-funding of developmental associations</li> <li>-creation and equipment of agric posts</li> <li>-facilitating improved varieties of seedlings</li> <li>-furnishing of CIGs</li> <li>-education on modern ways of cultivation</li> <li>-confinement of stray animals</li> <li>-creation of common initiative groups</li> <li>-creation of developmental associations</li> <li>-sensitization on the need for the cultivation of varieties of crops</li> </ul>

Sector	Problem(s)	Cause(s)	Effect(s)	Solutions
	High post harvest loses	Absence of storage facilities - Absence of farm to market road	Poverty -Low standards of living Hunger	
<b>Livestock fisheries and animal industry</b>	Poor out puts in livestock	High cost of feed Poor technical supervision Inadequate veterinary centres within the villages Disease attack Insufficient pasture during dry season Lack of improved pasture and feed Lack of improved breeds Lack of subsidies Limited cattle vaccination clutches and dips Lack of improved species Ignorance on modern techniques of rearing animals	Poverty Lack of potential sources of proteins Malnutrition High death rate of livestock. Death of animals Poor performance of animals	-provision of animal feed at low cost -establishment and equipment of vet centers -provision of improved species of animals at sustainable costs -provision of vet services -buying of improved variety of animals -practice of controlled rearing. -creation of fish ponds -formation of common initiative groups -improvement of pasture lands -formation of CIGs
<b>Public Health</b>	Poor medical services rendered	Insufficient health units Inadequate drugs supplied by the government Shortage of staff in quality and quantity -No community health workers Insufficient equipments in available health units	- Poor health - Poor follow up of patients - Increase death rate - People trek long distances to get medical attention - Poor hygiene and sanitation - Lack of toilets Dirty/bushy environment	-creation, equipment and staffing of district hospitals -appointment of medical officials -enforcement of the activities of the PNDP local committee
	Insufficient health care services /activities offered	Poor community participation in health care - Some health units created but not constructed/ equipped.	- Poor health - Poor follow up of patients - Increase death rate - People trek long distances to	-reservation of water areas used for home consumption -compulsory digging of pit toilets by each household in



Sector	Problem(s)	Cause(s)	Effect(s)	Solutions
			get medical attention	the village. -frequent cleaning of surroundings -obligatory confinement of stray animals in the municipality. -distilling water before drinking. -sensitization of the population on the effects of the used of unorthodox medicines. -cleaning of water surroundings.
<b>Basic Education</b>	Poor quality basic education	<ul style="list-style-type: none"> <li>- Lack of a pre-nursery and Nursery schools</li> <li>- insufficient staff</li> <li>- Constant change of text books by the government.</li> <li>- no portable water</li> <li>- no sports infrastructure</li> <li>- parental irresponsibility</li> <li>- unwillingness of pupils to learn</li> <li>-insufficient didactic materials</li> <li>-abandonment of duty post by teachers</li> <li>-Insufficient classrooms</li> <li>-Insufficient benches, tables, chairs</li> </ul>	<p>High rate of school dropouts</p> <p>Early marriages and unwanted pregnancies</p> <p>Unemployment</p> <p>low income</p> <p>Low living standards</p>	<p>-insisting on the importance of education to pupils and parents.</p> <p>-employment of P T A teachers</p> <p>creation of nursery schools</p> <p>-provision of infrastructures to nursery and primary schools.</p> <p>-provision of benches needed.</p>
	School structures and equipment not adapted to needs of children with disabilities (special needs)	<p>Lack of funds</p> <ul style="list-style-type: none"> <li>• ignorance</li> </ul>	<p>Scares away the disable from coming to school</p> <ul style="list-style-type: none"> <li>• Marginalization of the disabled</li> </ul>	

<b>Sector</b>	<b>Problem(s)</b>	<b>Cause(s)</b>	<b>Effect(s)</b>	<b>Solutions</b>
<b>Secondary Education</b>	Low standards of secondary education	<ul style="list-style-type: none"> <li>- Insufficient secondary schools</li> <li>- Insufficient staff</li> <li>- Insufficient benches, tables, chairs</li> <li>- Insufficient classrooms</li> <li>- Poverty</li> <li>- Poor orientation of children</li> <li>- Lack of a technical secondary school</li> </ul>	<ul style="list-style-type: none"> <li>- High rate of school drop-out</li> <li>- High crime waves</li> <li>- Early marriages and unwanted pregnancies</li> <li>- Low living standard</li> <li>- Juvenile delinquency</li> <li>- stagnation in development</li> <li>- Children trek long distances to the lone secondary school available</li> </ul>	<ul style="list-style-type: none"> <li>-creation and equipment of secondary schools.</li> <li>-posting of administrative and teaching staff to schools created</li> <li>-sensitization of parents and students about the importance of secondary education.</li> <li>-equipment of secondary schools with varieties of infrastructure</li> </ul>
<b>Trade</b>	Poor Commercialization	<ul style="list-style-type: none"> <li>- lack of sensitization to the consumers population</li> <li>- Lack of a market/markets</li> <li>- Lack of initiative to create a markets</li> <li>Absence of warehouses</li> </ul>	<ul style="list-style-type: none"> <li>-Poor marketing Of farm products</li> <li>-Tax hevetion</li> <li>-Slow rate of development</li> </ul>	<ul style="list-style-type: none"> <li>-creation and construction of markets</li> <li>-putting in place a price determination system for different produce by the delegation.</li> <li>-a unit price mechanism should be put in place for the different produce</li> </ul>
	Consumer exploitation and not no consumer protection Re-exploitation of goods of basic necessity to Nigeria - Consumer of Prohibited goods	<ul style="list-style-type: none"> <li>- No consumers association</li> <li>- No control post</li> </ul>	Low standard of living	
<b>Environment and nature protection</b>	Global warming	<ul style="list-style-type: none"> <li>- Rampant cutting down of trees</li> <li>- Poor sensitization of villagers towards tree planting</li> </ul>	<ul style="list-style-type: none"> <li>-Poor crop yields</li> <li>- Drop in water table</li> </ul>	<ul style="list-style-type: none"> <li>-reforestation</li> <li>-creation of more sacred places and community</li> </ul>

Sector	Problem(s)	Cause(s)	Effect(s)	Solutions
		<ul style="list-style-type: none"> <li>- Rampant use of bush fire</li> <li>- Demographic explosion</li> </ul>		forests. -sensitization of the population on the havocs of the environment -establishment of forests reserves
<b>Forestry and wild life</b>	Extinction of wildlife	<ul style="list-style-type: none"> <li>- Rampant cutting down of trees</li> <li>Use of bush fire for farming</li> <li>-Illegal hunting of animals</li> <li>- Poor technical supervision from the forestry agents</li> <li>- Poor sensitization of the population</li> </ul>	Many animal species lack habitats	-enforcement of forestry and wild life laws -provision of forestry guards. -delimitation of community forestry reserves. -reforestation -sensitization on forestry and wild life laws
	Non respect of forest laws/Mismanagement of forest resources	<ul style="list-style-type: none"> <li>-Poor sensitization of the population</li> <li>- Limited forest workers</li> </ul>	Climate change -Rampant bush fire and hence high rate of deforestation	
<b>Social Affairs</b>	Lack of support to underprivileged	<ul style="list-style-type: none"> <li>- Lack of proper sensitization of the population</li> <li>- Ignorance about the rights/benefits of the vulnerable population</li> <li>- Insufficient support from CSO and Government</li> <li>- Poor organization of marginalized groups</li> <li>- Laxity on the side of government services providing social intervention services</li> <li>- Lack of a social centre</li> <li>- Lack of sub-divisional delegation of Social Affairs</li> </ul>	<ul style="list-style-type: none"> <li>- Poverty</li> <li>- High death rate</li> <li>- Poor coordination of activities</li> </ul>	<ul style="list-style-type: none"> <li>-provision and equipment of centers for the vulnerable</li> <li>-organization of a vulnerable day</li> <li>-provision of finance to take care basic needs of the vulnerable.</li> <li>-provision of scholarships for the vulnerable</li> </ul>

<b>Sector</b>	<b>Problem(s)</b>	<b>Cause(s)</b>	<b>Effect(s)</b>	<b>Solutions</b>
<b>Women's Empowerment and the Family</b>	Capacity of women on family issue and their contribution in the economy is not build	<ul style="list-style-type: none"> <li>- Poor support from the Government</li> <li>- Ignorance on how to acquire and the importance of acquiring birth and marriage certificates</li> <li>- Insufficient respect of roles and responsibilities by partners</li> <li>- Discrimination against woman</li> <li>- Ignorance on the rights of women and the girl child</li> <li>- Absence of a sub divisional delegation of women empowerment</li> </ul>	<ul style="list-style-type: none"> <li>- Poverty</li> <li>- Divorce</li> <li>- High rate of dependency</li> <li>- Lack of home management skills</li> <li>Difficulties by women to get into leadership positions</li> <li>- Physical and emotional stress still undergone by women.</li> </ul>	<ul style="list-style-type: none"> <li>-sensitization of women on their basic rights</li> <li>-formation of different categories of women groups</li> <li>-involvement of women in decision making</li> <li>-creation and equipment of women empowerment centres</li> <li>.provision of scholarships for girl s.</li> </ul>
	High rate of illiteracy	- Lack of a women empowerment centre	Can not normally contribute on the growth of the economy of Furu Awa	
	Lack of loan facilities	<ul style="list-style-type: none"> <li>- Lack of women empowerment groups</li> <li>- Absence of Financial institutions</li> </ul>	Poverty	
<b>Water and</b>	Lack of pipe borne water in the Furu-Awa municipality	Inadequate funds	High rate of Water borne diseases	<ul style="list-style-type: none"> <li>-creation and provision of portable water in the municipality.</li> <li>-cleaning of water surroundings</li> <li>-distilling water before drinking through boiling</li> <li>-restriction of water surroundings use for drinking and cooking</li> <li>-confinement of stray animals</li> <li>-establishment of water committees in the municipality.</li> </ul>
<b>Energy</b>	Lack of electricity	Inadequate funds	- Low rate of industrialization	-electrification of

Sector	Problem(s)	Cause(s)	Effect(s)	Solutions
	in Furu-Awa municipality		- Slow rate of business and development	municipality by AES Sonel -purchase of giant generators that can electrify villages. -provision of alternative sources of energy such as solar, and biogas energy continuous usage of fuel wood and other sources of energy such as touch lights in a sustainable way
<b>Public Works</b>	Poor accessibility to all the villages in Furu Awa council area	<ul style="list-style-type: none"> <li>- Poor state of roads</li> <li>- Unconstructed bridges and culverts</li> <li>- Lack of roads leading to some of the villages</li> <li>- Poor settlement patter</li> </ul>	High cost of transportation Under development	<ul style="list-style-type: none"> <li>-construction and opening p of roads in the municipally.</li> <li>establishment of road management committees</li> <li>-occasional organization of community work on roads linking the quarters and villages.</li> </ul>
<b>Sports and Physical Education</b>	Underdeveloped sports skills	<ul style="list-style-type: none"> <li>- Laxity</li> <li>- Lack of sports complex</li> <li>- Nonchalant attitude of villagers towards self initiated projects</li> <li>- Poor sensitization on sporting activities</li> </ul>	- Poor health Heart diseases	<ul style="list-style-type: none"> <li>-provision and equipment of sporting facilities in the municipality</li> <li>-sponsoring of holiday champion leagues by the delegation.</li> <li>-organization of holiday champion leagues</li> <li>-organization of Fenasco A and B games for pupils and students during school periods</li> </ul>

<b>Sector</b>	<b>Problem(s)</b>	<b>Cause(s)</b>	<b>Effect(s)</b>	<b>Solutions</b>
<b>Industries, Mines and Technological development</b>	Inaccessibility of quarries Unidentified and unexploited mineral resources	- Lack of heavy machines to dig the roads - Lack of research on mineral potentials - Limited knowledge of mineral resources - Lack of technology - Lack of transportation means	Poverty Low income generation within the community Uncontrolled exploitation of quarries Rural exodus -Low income from the sector. -Low living standards	funding of research in the area
	- Presence of Un-authorized quarries	- Community not sensitized on registration means - Absence of registration centre or post for the different quarries	- No income from taxes to the council	
	No operational industries operating within the municipality	Absence of good roads	Rural exodus	encouragement of indigenes on research activities
<b>Tourism</b>	Underdeveloped touristic sites	- Lack of funds Poor roads leading to touristic sites Laxity on the side of the population to start creating roads manually	Poverty People are not informed on the availability of touristic sites in Furu-Awa municipality Slows down the rate of development	-carrying out of documentaries in order to advertise the area -organization of cultural manifestations through the media. -development of touristic sites. -establishments of inns and hotels.
<b>Transport</b>	High cost of transportation	- Bad state of roads - Lack of farm to market roads - Insufficient transporters - High cost of fuel	- Post harvest losses - High cost of food stuff Poverty - Less income to the council	-facilitate the purchase of bikes for the transportation of villagers -creation of motor and bike parks.

<b>Sector</b>	<b>Problem(s)</b>	<b>Cause(s)</b>	<b>Effect(s)</b>	<b>Solutions</b>
<b>Culture</b>	Depreciating culture	<ul style="list-style-type: none"> <li>- Culture not documented</li> <li>- Cultural heritage not protected</li> <li>- Unmaintained cultural antiquities</li> </ul> Poor transfer of culture to youths	Drop in cultural values	advertising of cultural activities -creation of a cultural calendar -seasonal organization of a cultural week for the parents and the youths -sponsoring of cultural activities by elites. -funding of cultural activities by the delegation of culture. -creation and equipment of a cultural hall
<b>Small and Medium Size Enterprises, handicraft</b>	Lack of small and medium size enterprises	<ul style="list-style-type: none"> <li>- Lack of initiative</li> <li>- Lack of vocational skills</li> </ul> Insufficient funds	Poor industrialisation High rate of dependency High rate of prostitution	-creation of small and medium size enterprises. - creation of joint stock small and medium size enterprises by individuals -establishment of an exhibition day for craft work. -facilitating the purchase of raw materials for craft work.
<b>Youths Affairs</b>	Unemployment	<ul style="list-style-type: none"> <li>- Low level of education</li> <li>- Laziness and idleness</li> <li>- Reluctance of youths to engage in agricultural activities</li> <li>- Poor techniques of technology transfer</li> </ul>	Increase theft in the community Poverty High rate of prostitution	-provision and facilitating jobs to the youths by the state and other stakeholders. -formation of youth groups -organization of youth camps and activities -provision of jobs for youths by the council

<b>Sector</b>	<b>Problem(s)</b>	<b>Cause(s)</b>	<b>Effect(s)</b>	<b>Solutions</b>
<b>Post and telecommunication</b>	Poor reception of radio network and complete absence of telephone network	- Lack of radio and telephone antennas - Hilly nature of the terrain	Poor communication Community is not well informed Meetings failing due to poor communication	-creation and equipment of a post office within the municipality. -extension of telephone network in the municipality. -chief and traditional authorities should help in passing on information -continuous use of the voice of the town crier
<b>Labour and social security</b>	Poor social security services	- Lack of labour and social security unit within the Municipality - Ignorance on the rights of employees	Poor follow up of retired workers Increase industrial accidents	-encouragement of the private sector to establish enterprises
	Non existence of social dialogue	Absence of social personnel in the municipality	Poor working condition of employees -Low out put	-creation of job opportunities by the government and other stakeholders. -workers in the municipality should be insured.
<b>Higher Education</b>	Lack of higher institutions of learning	- Lack of funds - High cost of running higher institutions of learning	Students travelling out of village for education Rural exodus Prostitution Vulnerability and prone to STDs	-sensitization on the importance of higher education. -creation and equipment of professional schools in the municipality.
<b>Territorial administration and decentralization, Forces of law and order</b>	Insecurity	- Unemployment - School drop outs - Laziness amongst youths Some parents don't educate their children	Community is not at peace Stealing brings enmity among members of community	-creation of law enforcement posts in the municipality made up of police and gendarmes -frequent visits by administrators



Sector	Problem(s)	Cause(s)	Effect(s)	Solutions
				-continuous used of the chief and the councilor -formation of vigil antic groups -sensitization of population about the existing laws of the country.
	Poor collection of revenue	Limited staff	Reduce income of the council	
	Limited staff and staff for forces of law and order	-Enclave nature of the terrain	High rate of stiling and smuggling of natural resources to Nigeria.	
<b>Urban Development and housing</b>	Poor housing	- Unplanned housing Villagers unwilling to acquire land certificates - People not willing to go for building permit - Lack of funds	-Conflicts -Encroachment of land -Poor out look of the urban area	-provision of plan before construction.
	No urban street within the municipality of Furu Awa	- Lack of planning - Lack off trained Personnel - Enclave nature of the terrain	Inaccessibility to main areas of the municipality	-creation of streets in the municipality
	Town planning laws not respected	- No good roads linking Furu awa Municipality to divisional headquarter where divisional delegate is	Poor development of urban area	-stipulate plan for the construction of houses n of houses
<b>Land Tenure</b>	Landed conflicts	- People do not have land certificates - Poor demarcation of boundaries - Increase in population	Increase in Enmity And landed conflicts	-facilitate the provision of land certificates. -demarcation of boundaries between villages -demarcation of council area
<b>Employment and vocational training</b>	Poor development of technical skills	- Lack of vocational training centres - Unproductive youths - Insufficient job opportunities to accommodate youths	Poverty Idleness Theft	-facilitating the creation of small and medium size enterprises -creation of professional training centre.

Sector	Problem(s)	Cause(s)	Effect(s)	Solutions
				-formation of groups that can establish small enterprises -opening up of partnership businesses.
<b>Scientific Research and Innovation</b>	Not benefitting from research results	- Lack of research services within the villages - Poor extension services - Poor transmission of research results to farmers	Poor farm yields None practice of modern agricultural practices Poor quality seeds produced	-enforcement of research activities. -continuous research by individuals on medicinal plants and minerals.

### 4.3. Needs Identified per sector

#### 4.3.1 Needs for all 28 sectors

**Table 4: Needs for all 28 sectors**

Sector	Needs	indicators	Potentials
<b>Public Health</b>	- health units are created, constructed and equipped	- one each in Akum, Kpep, Sambari and Nkang	Sand, timber, stone
	Medical staff	At least 7 personnel employed in lone health center	
	- Bikes for staff - Refrigerators - community health correspondence	5 2 17	
	- Education on frequent diseases (Malaria and water born diseases) within the municipality	- All 17 villages	
<b>Environment and Nature protection</b>	Serious education on environmental management methods	Whole council area	Existence of schools
	Creation of environmental clubs	01 per primary school and secondary school.	Existence of schools
	Environment/protection post	01 in the Council area	
	- A dump sites in villages - Trash cans	2 per village	Extensive land

		In all the schools	
<b>Forestry</b>	- Forest Vigilance committee	One per village	Existence of forest
	Forest areas for non timber forest reserves	In all the villages	Njangsa, bush mangoes, medicinal plants
	Forest guards	At least 10	
<b>Culture</b>	Community halls	13 community halls are constructed in Akum, Badji, Biando 11, Edzong Furu-Awa, Furu-Bana, Kpep, Lebo, Lutu, Nkang, Nser, Sambari and Turuwa	Availability of a rich culture, Sand, timber, stone
	To complete youth cultural hall in Akum		
	Sub divisional delegation of culture	01	Sand, timber, stone
	Renovate palaces	17 palaces	Sand, timber, stone, existence of alace
<b>Tourism</b>	Need of tourism personnel	At least 17 are employed and trained	
	- A hotel - Tourism board office	- 01 in Furu Awa head quarter - 01 is constructed and equipped	Water falls, streams, mountains, sand, timber, stone
	- Construct inns - recreational sites	At least 06 in the council area 02 in the council area	Sand, timber, stone
<b>Industries, Mines and Technological Development</b>	- Need a post of Industries, Mines and Technological Development - Roads to quarry sites	01 is created in Furu Awa head quarter and equipped	Sand, stones and timber
<b>Small ad Medium Size Enterprises, handicraft</b>	- Craft centre - A sub divisional delegation for Small ad Medium Size Enterprises, handicraft - Small and medium sized enterprises	- At least two in the council area 01 is created constructed and equipped in the center  - In all 17 villages	Existence of aw material
<b>Territorial Administration and Decentralization</b>	- In service training for council staff - A canoe and life jackets	- At least 08 workers are trained - 01 canoe and life jackets to cross river Katsina Ala - Council hall under construction	Sand, timber, stone
	Completion of council hall - Staff quarter for council workers  - motor bikes for the council - A generator for the council	- 02 apartments of 02 rooms each in Furu Awa head quarters - 3 bikes	Sand, timber, stone. Existence of special civil status registrar

	- Employ council police - Civil status register office	-01 generator  - At least 06 council police - 01 in Edzong village and well equipped	
	- Posts of forces of law and other	- A gendarmerie post in Nkang -Immigration police and custom in Lubu 02 public security posts in Akum and Sambari	
	Revenue tax collectors needed	- 17 are recruited	Available revenue
<b>Social Affairs</b>	Provide needy equipments to the vulnerable	At least 10 wheel chairs, 12 crutches, 370 lenses, 60 white canes and 10 tricycles	Presence of the vulnerable
	- A social center  - A vulnerable centre	- One is constructed and equipped - 01 each in Leno and Akum	Sand, timber, stone
	- Medicine and medical care to vulnerable	All the vulnerable in the council area	
<b>Youth Affairs</b>	- Multi-purpose youth empowerment centre  - Need jobs	At least 03 centres are constructed and equipped in Furu-Awa, Akum and Furu-Bana. -	Sand, stones and timber and presence of youth
	Sub divisional delegation of Youths Affairs	- 01 is created, constructed and equipped	Sand, timber, stone
<b>Land Tenure</b>	Sub divisional delegation of land Tenure	01 is created, constructed and equipped	Sand, timber, stone
	Demarcate state land owned property	-	Existence of national boundaries
<b>Scientific Research and Innovation</b>	- Demonstration post	one is established in the council area	Existence of minerals
<b>Labour and Social Security</b>	- Sub Divisional delegation of Labour and Social Security -Trade unions	- 01 is created, constructed and equipped	Sand, timber, stone and existence of petty business
<b>Employment and Vocational</b>	- SAR/SM is needed	- 01SAR/SM is constructed and equipped	Available youths

<b>Training</b>	- Build the capacity of youths on essential skills	-All the youths within this council area	
<b>Women's Empowerment and the Family</b>	- A sub divisional delegation of Women's Empowerment and the Family - Women's' empowerment centre	- 01 is created, constructed and equipped  - 01 women's' empowerment centre is created, constructed and equipped	Available women population, Sand, timber, stone
<b>Posts and Telecommunications</b>	- Sub divisional delegation of Posts and Telecommunications - Complete the construction of the tele centre - Telephone antennas	- 01 is created, constructed and equipped  - 01 tele-center is completed and equipped with at least 02 staff	Existence of tele center
<b>Communication</b>	- Sub divisional delegation of Communication - Community radio	- 01 is created, constructed and equipped - Construction and equipment of 01 community radio	Available population
<b>Urban Development and Housing</b>	- A sub divisional delegation of Urban Development and Housing	- 01 is created, constructed and equipped	Sand, timber, stone
	- Map out risk zones  - Produce a master plan for Furu Awa council area	- All the risk zones of the council area are mapped out  Presence of well designed lay out of Furu Awa	Existence of risk areas
<b>Sector: Livestock, Fisheries and Animal Husbandry</b>	- Construct dips	- At least two dips are constructed in the council area	Presence of cattle and other animals. Sand, timber, stone
	- Need of a slaughter slab and a sales slab	- At least one slaughter slab is established	
	- Need a cattle market	01 cattle market is constructed and equipped	Extensive land
	- Need of veterinary posts and animal control points	At least 02 veterinary posts are created, constructed and equipped. - Animal check points are established at main points of the council area	Presence of cattle and other animals. Sand, timber, stone

<b>Transport</b>	- Grade major roads	- 05 major roads are graded within the council area - 02 in this council area	Sand, timber, stone and gravel
	- Fuel Filling stations - Need of motor parks	- At least 04 at places already previewed to construct markets	Extensive land
<b>Trade</b>	- Construct markets - Construct ware houses	- At least 04 markets are constructed (in Akum , Furu Awa, Biando II and Lebo - At least 04 ware houses are constructed	Sand, timber, stone, Extensive land
<b>Higher Education</b>	- Need of Professional higher institution	One is created and equipped	Extensive land
<b>Agriculture</b>	Create agric posts	- 02 agric posts are created, constructed and equipped	Available farmers
	- Farm to market roads are opened	- All 17 villages have good roads to the farm	Sand, timber, stone and gravel
<b>Basic Education</b>	- Creation of nursery schools	- At least 08 government nursery schools are created	Existence of school population. Sand, timber, stone and gravel
	- Need of teachers	At least 15 teachers are recruited and posted to primary schools	
	- Administrative buildings - Create play grounds	- At least 16 administrative buildings are constructed - At least 16 play grounds created	Sand, timber, stone and gravel
	- Construction of toilets	- A total of 32 toilets constructed in the 18 primary schools	Sand, timber, stone and gravel
	- Need of basic infrastructure in the schools  - construction of classrooms - Rehabilitation of classrooms	- 1065 desks, 111 office chairs, 105 office tables, 17 first aid boxes, 17 trash cans, 50 kids chairs, 10 kids tables, drinking pales and cups. - 14 classrooms are constructed - 11 classrooms are rehabilitated in 6 primary schools	Sand, timber, stone and gravel
<b>Secondary</b>	- Renovation of classrooms	- 04 in GSS Furu Awa	Available population. Sand, timber,

<b>Education</b>	- Construction of classrooms	- 04 in GSS Upkwack Akum	stone and gravel
	Create new secondary schools	- 02 General education (Lebo and GHS Furu Awa) and 02 technical education (Kpep and Sambari are created)	Available population. Sand, timber, stone and gravel
	- Need for teachers - Low cost staff quarters	- 20 teachers are needed - At least 02 low cost staff quarters are constructed	
	- Need for basic infrastructure	- 200 tables, table chairs, 41 desks, 06 toilets, 06 libraries, 12 generators, water poits	
<b>Public Works</b>	Opening of roads	- Roads are opened in all the 17 villages - The about 20 km road from Wum to Nkang is opened - At least 20 bridges and 200 culverts are constructed	Sand, timber, stone and gravel
	- Construction of bridges and culverts		
	Grading of road Tarring of road	The about 13 km road from Wum town to Kpep is graded - At least 100 km of road in Furu Awa council area is tarred	Sand, timber, stone and gravel
<b>Water and Energy</b>	- Develop water scheme	- Water schemes (about 17 ) are constructed	Presence of catchment and water sources
	Need for stand taps	93 stand taps are needed within the council area	
	- Protect water catchments	All water catchments in the council area are protected	Presence of catchment and water sources
	- Need of electrical energy	- Electricity is installed in Furu Awa council area and extended to all the quarters	Presence of water fall and river katsina Ala
<b>Sport and Physical Education</b>	- Need of a municipal stadium	01 Municipal stadium is constructed in Furu Awa Centre	Extensive land, available population, Sand, timber, stone and gravel
	- Sub divisional delegation of Sport and Physical Education	01 Sub divisional delegation is constructed and equipped	Sand, timber, stone and gravel

Source: Field survey 2011

### 4.3.2. Needs for the key sectors

#### 4.3.1. Level of Basic Education

Table 5: Government Primary Schools

No	Name of School	Village	Boys	Girls	Total	Teachers	Pupil /Teachers Ratio	Teachers needs	Classrooms			Desks		Toilets
									Available	needed	For rehabilitation	Available	Needed	
1	<b>G.S Akum</b>	<b>Akum</b>	366	146	512	6	85.3	3	6	3	2	4	252	4
2	<b>GS Biando I</b>	<b>Biando I</b>	118	97	215	3	71.7	1	4	0	0	85	23	2
3	<b>GS Biando II</b>	<b>Biando II</b>	37	86	123	3	41.0	0	4	0	1	60	2	2
4	<b>GS Edzong</b>	<b>Edzong</b>	64	54	118	4	29.5	0	4	0	0	29	30	3
5	<b>GS Furu Awa</b>	<b>Furu Awa</b>	295	209	504	4	126.0	4	10	0	0	57	195	2
6	<b>GS Furu Bana</b>	<b>Furu Bana</b>	150	94	244	5	48.8	2	4	2	0	51	71	3
7	<b>GS Kpep</b>	<b>Kpep</b>	60	50	110	5	62.4	0	5	0	0	120	36	2
8	<b>GS Lebo</b>	<b>Lebo</b>	187	125	312	4	12.5	0	4	0	0	67	0	3
9	<b>GS Lubu</b>	<b>Lubu</b>	24	26	50	2	75.0	1	7	0	0	10	65	1
10	<b>GS Lutu</b>	<b>Lutu</b>	73	77	150	2	70.0	0	2	1	2	40	30	0
11	<b>GS Nangwa</b>	<b>Nangwa</b>	68	72	140	2	76.5	1	2	1	0	110	0	1
12	<b>GS Nkang</b>	<b>Nkang</b>	77	76	153	3	77.7	1	4	0	0	57	60	4
13	<b>GS Nser</b>	<b>Nser</b>	147	86	233	4	96.3	2	2	5	2	70	123	1
14	<b>GS Sambari</b>	<b>Sambari</b>	250	135	385	3	42.0	0	5	0	0	60	3	0
15	<b>GS Turuwa</b>	<b>Turuwa</b>	80	46	126	4	50.0	0	4	0	0	40	60	1
16	<b>GS Badji</b>	<b>Badji</b>	250	100	350	2	175			2	4	60	115	2



	Badji													
Total							15		14	11	82 9	106 5	32	

Table 6: **Nursery schools**

No	Name of School	Village	Boys	Girls	Total	Teachers	Pupil/Teachers Ratio	Classrooms		Desks		Toilets
								Available	needed	Available	needed	
1	<b>Baptist Nurser School</b>	<b>Furu-Awa</b>	60	50	110	3	36.7	1	1	20	35	2

Table 7: **Needs for New schools in the Basic and Secondary sector**

Village	Population	Basic	Type of school needed	Remark	
			Number secondary		
<b>Akum</b>	4,000	Nursery school	1	There is no government primary school	
<b>Badji</b>	863	Nursery school	1		
<b>Edzong</b>	520	Nursery school	1		
<b>Furu Bena</b>	505	Nursery school	1		
<b>Furu Awa</b>	1,294	-	GHS	1	To turn the GSS in Furu Awa to GHS Furu Awa Technical
<b>Kpep</b>	1,800	Nursery school	1	GTC	1
<b>Lebo</b>	509	Nursery school	1	GSS	1
<b>Nkang</b>	1,139	Nursery school	1		
<b>Nser</b>	795	Nursery school	1		
<b>Sambari</b>	1,800	Nursery school	1	GTC	1
<b>Turuwa</b>	1,150	Nursery school	1		

#### 4.3.2. Secondary Education

Table 8: Data for secondary education and needs

Name of School	Village	Boys	Girls	Total	Teachers	Pupil/Teachers Ratio	Need for teachers	Classrooms			Desks		Toilets
								Available	Needed	For Rehabilitation	Available	Needed	
GSS Akum	<b>Akum</b>	20	15	35	1	35.0	The pupil teachers ratio show no need for teachers but at least 20 teachers are needed for both schools	2	Construct ion is on-going	-	10	8	4
GSS Furu-Awa		160	40	200	6	33.3		10	0	4	67	33	2

#### 4.3.3. Water and Energy

Table 9: Situation and needs for water

Village	Type of water point Available	Maintenance and Repairs	Needs

			Forage	Source	Pipe borne water	Stand taps	Water schemes	Water catchments
<b>Akum</b>	Spring			1	1	13	1	1
<b>Badji</b>	Spring			1	1	6	1	1
<b>Biando I</b>	Spring			1	1	5	1	1
<b>Biando II</b>	Spring			1	1	6	1	1
<b>Edzong</b>	Spring			1	1	2	1	1
<b>Furu-Awa</b>	WS	1		1	1	10	1	1
<b>Furu Bena</b>	Spring			1	1	3	1	1
<b>Kpep</b>	Spring			3	1	8	1	1
<b>Lebo</b>	Spring			1	1	3	1	1
<b>Lubu</b>	Spring			1	1	3	1	1
<b>Lutu</b>	Spring			3	1	8	1	1
<b>Mbulom</b>	Spring			1	1	2	1	1
<b>Nangwa</b>	Spring			1	1	2	1	1
<b>Knang</b>	Spring			1	1	5	1	1
<b>Nser</b>	Spring			1	1	4	1	1
<b>Sambari</b>	Spring			2	1	7	1	1
<b>Turuwa</b>	Spring			1	1	6	1	1
<b>Total</b>		<b>1</b>		22	17	93	17	17

Table 10: Situation and needs for electricity

Village	Needs				
	Transformers	Electricity Generators	Poles	Average Tension(km)	Low tension(km)
<b>Akum</b>	1	1	100	1000	500
<b>Badji</b>	1	1	50	500	250
<b>Biando I</b>	1	1	50	500	250
<b>Biando II</b>	1	1	75	750	375
<b>Edzong</b>	1	1	50	500	250
<b>Furu-Awa</b>	1	1	75	1000	500
<b>Furu Bena</b>	1	1	50	500	250
<b>Kpep</b>	1	1	75	750	375
<b>Lebo</b>	1	1	50	500	250
<b>Lubu</b>	1	1	50	500	250
<b>Lutu</b>	1	1	75	750	375
<b>Mbulom</b>	1	1	25	250	125
<b>Nangwa</b>	1	1	50	500	250
<b>Knang</b>	1	1	75	750	375
<b>Nser</b>	1	1	50	500	250
<b>Sambari</b>	1	1	75	750	375
<b>Turuwa</b>	1	1	75	750	375

#### 4.1.4. Trade

**Table 11: Situation and needs for Trade**

Village	Population	Existing Equipment					Rehabilitation Needs		New Equipment						
		Commercial complex	Sheds	Meat slabs	Fish store	Cold store	Latrine	Garbage Disposal	Warehouses	Market /Commercial complex	Motor park	Livestock section	Slaughter house	Nursery	Sheds
Nkang	1,139	1	5	1	1	1	1	1	1						
Lebo	509	1	5	1	1	1	1	1	1	1	1			1	20
Akum	4,000								1	1	1	1		1	10
Biando II	1198								1	1	1			1	15
Furu-Awa	1,294								1	1	1	1	1	1	20
Lutu	1,116								1						
Kpep	1,800								1						

#### 4.3.5. Public works

**Table 12: Situation and needs for road infrastructure**

Road description	Population (a)	Type of Road	Length of road to rehabilitate (Km)	Nature of works	Work to be done	Length of road to open
Akum (Akum to Kpep)	4,000	Foot path (inter village roads)	17	Opening and grading	Earth work and grading	17
Furu Awa (Nser to Furu Awa)	1,294	Divisional road	13km	Rehabilitation	Construct bridge (1)	16.8
Badji (Badji to Nser)	863	Foot path (inter village roads)		Opening and grading	Earth work and grading	
Biando I (Biando I to Nangwa)	350	Foot path (inter village roads)		Opening and grading	Earth work and grading	15Km
Biando II (Biando II to Turuwa)	1,198	Foot path (inter village roads)		Opening and grading	Earth work and grading	16km

Edzong (Edzong Akum)	520	Foot path (inter village roads)		Opening and grading	Earth work and grading	4km
Furu Awa (Furu Awa to Badji)	1,294	Rural road and foot path		Opening and grading	Earth work and grading	
Furu Bena (Furu Bena to Kpep)	505	Foot path (inter village roads)		Opening and grading	Earth work and grading	4km
Kpep (Kpep to Nser)	1,800	Rural Kpep	5km	Rehabilitation	Construct bridge (1)	7km
Lebo (Lebo to Furu Awa)	509	Foot path (inter village roads)		Opening	Earth work and grading	22km
Lubu (Lubu to Furu Awa)	408	Rural road	13.6km	Rehabilitation	Earth work and grading	7km
Lutu (Lutu to Akum)	1,116	Foot path (inter village roads)		Opening and grading	Earth work and grading	23km
Mbulom (Mbulom to Nkang)	200	Foot path (inter village roads)		Opening and grading	Earth work and grading	20km
Nangwa (Nangwa to Furu Awa)	425	Foot path (inter village roads)		Opening	Construct bridge (1)	7km
Nkang (Nkang to Nser)	1,139	Foot path (inter village roads)		Opening and grading	Earth work and grading	58km
Nser (Nser to Furu Bena)	795	Foot path (inter village roads)		Opening and grading	Earth work and grading	4.5km
Sambari (Sambari to Turuwa)	1,800	Foot path (inter village roads)		Opening and grading	Earth work and grading	3.0km
Turuwa (Turuwa to Akum)	1,150	Foot path (inter village roads)		Opening and grading	Earth work and grading	23km

#### 4.3.6. Vulnerable population

Table 13: **Synthesis on vulnerable population**

Villages	NUMBER/Vulnerable								EQUIPEMENT NEEDS				Others
	Physically Handicapped	Dump / poor hearing	Visually Handicapped	Orphelins vulnerables Orphans (minors)	Sick Elderly	Widows	Old People	Bororo	Wheel chair	Crutches	Lenses	White cane	

Akum	8	12	18	19	13	60	60	0	3	3	25	15	Need of scholarships for orphans in all villages
Badji	0	0	0	4	15	25	20	0	0	0	5	0	
Biando I	0	2	2	30	0	10	42	20	0	0	20	2	
Biando II	0	4	7	2	20	0	82	38	0	0	50	6	
Edzong	12	3	0	36	0	0	26	0	3	6	10	0	
Furu Awa	1	3	0	2	0	9	15	0	1	0	10	0	
Furu Bena	0	10	2	0	0	18	40	0	0	0	20	2	
Kpep	5	6	12	4	0	3	0	0	2	3	0	9	
Lebo	0	4	3	12	0	0	102	38	0	0	60	3	
Lubu	0	0	0	0	8	5	20	0	0	0	10	0	
Lutu	0	2	0	4	0	4	13	0	0	0	13	0	
Mbulom	0	18	15	13	10	12	70	80	0	0	35	10	
Nangwa	0	1	5	12	12	0	32	0	0	0	32	5	
Nkang	0	5	1	9	0	5	32	0	0	0	18	1	
Nser	0	4	2	15	10	6	40	200	0	0	30	2	
Sambari	0	5	1	9	0	5	32	0	0	0	18	1	
TOTAL	26	79	68	171	88	162	626	376	9	12	356	56	

Source: Field Survey 2011

There is also a need for a psycho-social centre in Furu Awa council area

### 4.3.7. Public Services of the Furu Awa Urban Space

Furu Awa municipality as a whole has very limited public services due to the enclave nature of the terrain. The limited public services found in the council area include: the council, the sub divisional office and a gendarmerie post.

Table 14: Needs for new administrative services

Services to be created	Number needed	Remarks
A sub divisional delegation of agriculture	1	Only one agric post is found in the municipality. Its only timely operates
A veterinary centre or post	2	No veterinary post and hence difficulties to vaccinate animals
A post of Industries Mines and Technological Development	1	Need to sensitize population of exploitation of mineral resources
A sub divisional delegation of women empowerment	1	This will aid women to contribute enormously in the Economy
A gendarmerie post in Nkang -Immigration police and custom in Lubu 02 public security posts in Akum and Sambari	4	For security since Furu Awa is along the borders
Creation of a Sub-Divisional delegation of MINTSS in Furu-Awa municipality	1	
Women empowerment centre	1	This will aid women to contribute enormously in the Economy
Psyco social centre	-	

### 4.3.8. Transport

Table 15: Transport situation and needs

Villages	Needs		
	Motor parks	Fuel station	Road safety trips
Akum	1		1
Furu-awa	1	1	1
Lebo	1	1	1

### 4.4. Priority projects per village

The priority projects for the key sectors were identified in a participatory manner during village diagnosis.

Table 16: Priority projects per village

S/N	Sector	Villages	Priority projects	Estimated Cost
1	Public works	Akum	1- Opening up of about 12 Km of road linking kpep from Newman hill to Akum village	3.000.000.000
			2-Opening up of 06Km of road linking Akum to Edzong	30.000.000
		Badji	1-Opening up of 4Km of road from Badji to Nser	24.000.000

		Biando I	1-Opening up of about 15Km of road from Nangwa to Biando I	90.000.000
		Biando II	1- Opening up of 08Km of road from Nangwa to Biando II	48.000.000
		Edzong	1-Opening up of about 05Km of road from Edzong to Akum. 2-Opening up of 06Km of road from Edzong to Nigeria	30.000.000 36.000.000
		Furu Awa	1-Expansion and grading of 16Km of road linking Furu-Awa to Kpep	30,000,000
		Furu Bana	1-Construction of bridge over river Katsina-Ala 2-Opening up of 04Km of road from Furu-Bana to Kpep.	100,000,000 24.000.000
		Kpep	1-Maintenance of 10Km of road from Kpep to Esu.	60.000.000
		Lebo	1-Opening up of 06Km of road from Lebo to Doumbo. 2-Opening up of 08 Km of road from Lebo to Furu-Awa.	36.000.000 48.000.000
		Lubu	1-Opening up of 15 km of road linking Furu-Awa to Lubu to Nigeria	90.000.000
		Lutu	1-Opening up of 16km of road from Nangwa to Lutu road	96.000.000
		Mbulom	1-Opening up of 22 Km of road and construction of bridges from Mbulom to Doumbo 2-Opening up of 11Km of road from Mbulom to Nkang.	132.000.000 66.000.000
		Nangwa	1-Opening of 05 Km of road from Nangwa to Furu Awa 2-- Opening up of 10 Km of road from Nangwa to Sambari	120,000,000 60.000.000
		Nkang	1-Opening of road from Doumbo ranch to Nkang 2-Openinig and grading of 22 Km of road from Nkang to Abar.	120,000,000 132.000.000
		Nser	1-Opening of roads from Nser to Biando II 2-Grading of road from Nser to Kpep.	240,000,000 10.000.000
		Sambari	1-Opening up of 02Km of road from Sambari to Lutu.	12.000.000
		Turuwa	1-Opening up of 03 Km of road from Turuwa to Sambari.	18.000.000
2	Transport	Akum	1-Establishment of a motor and bike park	12.000.000
		Badji	1-Creation and establishment of a bike park 2-Facilitating the provision of bikes for transportation	12.000.000
		Biando I	1-Creation and establishment of a bike park 2-Facilitating the provision of bikes for transportation	12.000.000

		Biando II	1-Creation and construction of a motor park at Biando II	12,000,000
		Edzong	1-Establishment and creation of a motor and bike park.	12,000,000
		Furu Awa	1-Establishment of a motor/bike park.	12,000,000
		Furu Bana	1-Creation and establishment of a bike park 2-Facilitating the provision of bikes for transportation	12,000,000
		Kpep	1-Creation of a motor and bike park at Kpep	12,000,000
		Lebo	1-Creation and establishment of a bike park 2-Facilitating the provision of bikes for transportation.	12,000,000
		Lubu	1-Creation of a motor and bike park at Lubu.	12,000,000
		Lutu	1-Creation of a motor and bike park at Lutu	12,000,000
		Mbulom	1-Creation and establishment of a bike park 2-Facilitating the provision of bikes for transportation.	12,000,000
		Nangwa	1-Creation and establishment of a bike park 2-Facilitating the provision of motor bikes for transportation.	12,000,000
		Nkang	1-Creation and construction of a motor park at Nkang village.	12,000,000
		Nser	1-Creation and construction of a motor park at Nser village.	12,000,000
		Sambari	1-Creation and establishment of a bike park 2-Facilitating the provision of bikes for transportation.	12,000,000
		Turuwa	1-Creation and establishment of a bike park 2-Facilitating the provision of bikes for transportation.	12,000,000
3	Trade	Akum	1-Creation and building of market	30,000,000
		Badji	1-Creation and construction of a market 2-Provision of 20 shades	30,000,000
		Biando I	1-Construction of a modern market in Biando I	30,000,000
		Biando II	1- Creation and construction of a market at Biando II village	30,000,000
		Edzong	1-Creation and building up of market structures.	30,000,000
		Furu Awa	1-Construction of a modern market and a bore hole in Furu Awa town	76,000,000
		Furu Bana	1-Creation and construction of a market with 20 shade	30,000,000
		Kpep	1-Construction of a modern market and a bore hole in Kpep	31,000,000
		Lebo	1-Creation and construction of a market	30,000,000



			2-Provision of shades	
		Lubu	1-Costruction of a market and structures	30,000,000
		Lutu	1-Creation and construction of a market 2-Provision of 15 shades	30,000,000
		Mbulom	1-Creation and construction of a market 2-Provision of 10 shades	30,000,000
		Nangwa	1-Creation and construction of a market 2-Provision of shades.	30,000,000
		Nkang	1-Creation and construction of a cattle market 2-Provision of 25 shades	30,000,000
		Nser	1-Creation and construction of a market at Nser village.	30,000,000
		Sambari	1-Creation and construction of a market at Sambari village	30,000,000
		Turuwa	1-Creation and construction of a market at Turuwa village	30,000,000
4	Health	Akum	1) Construction and equipment of health centre in Akum 2) Training of indigenes as nurses to work in the health centre	50,236,618  10.000.000
		Badji	1-Provision of a well equipped health centre in the vicinity 2-Training of indigenous medical personnel to take charge of health problems	50,236,618 10.000.000
		Biando I	1-Creation construction and equipment of a health centre at Biando I village. 2-Training of indigenous medical personnel	50,236,618  10.000.000
		Biando II	1-Construction and equipment of health centre in Biando II. 2-Training of indigenous medical personnel to take charge of health problems.	45,000,000 10.000.000
		Edzong	1-Creation, construction and equipment of a health centre in Edzong village. 2-Training of indigenous medical personnel	50,236,618  10.000.000
		Furu Awa	1-Recruitment of health personnel. 5 nurses, 2 midwives, 1 laboratory technician, 1 night watch, 1 cleaner	50,236,618

			10,000,000	
	Furu Bana	1-provision of a well equipped health centre. 2-Training of indigenous medical personnel	50,236,618 10,000,000	
	Kpep	1-Creation and construction of a health center at Kpep village.	50,236,618	
	Lebo	1-Provision of a well equipped health centre in Lebo 2-Training of indigenous medical personnel	50,236,618 10,000,000	
	Lubu	1-Creation and construction of a health centre. 2-Training of indigenous medical personnel to charge of health problems	50,236,618 10,000,000	
	Lutu	1-Creation and construction of a health center at Lutu village	50,236,618	
	Mbulom	1-Construction of a health centre.	50,236,618	
	Nangwa	1-Construction and equipment of a health center. 2-Training of 10 indigenes to become mid wives and nurses	50,236,618 10,000,000	
	Nkang	1-Construction of a health center at Nkang village. 2-Employment of staffs	50,236,618	
	Nser	1-Creation and construction of a health center at Nser village 2-Training of 10 indigenes to become mid wives and nurses	50,236,618 10,000,000	
	Sambari	1-Creation and construction of a health center at Sambari 2-Training of 12 indigenes to become mid wives and nurses	50,236,618 10,000,000	
	Turuwa	1-Creation and construction of a health centre at Turuwa village. 2-Training of 10 indigenes to become mid wives and nurses	50,236,618 10,000,000	
5	Education	Akum	1-Provision of 196 school benches to GS Akum 2-Construction of two classrooms in GS Akum	980,000 18,500,000
		Badji	1-Construction of two classrooms and a block of 03 toilets in GS Badji 2-Provision of 50 school desks in GS Badji	16,000,000 250,000
		Biando I	1-Construction of 04 classrooms at GS Biando I 2- Provision of 120 benches	38,000,000 600,000

	Biando II	1-Construction of 04 classrooms in GS Biando II. 2-Provision of 120 benches	38.000.000 600.000
	Edzong	1-Provision of 180 school desks. 2-Creation and equipment of a nursery school.	900.000 18.500.000
	Furu Awa	1-Renovation of school buildings and store of G S Furu-Awa. 2-Provision of laboratory equipments for science students for G S S Furu-Awa	500.000 300.000.000
	Furu Bana	1-provision of 50 school desks. 2-creation and equipment of a nursery school.	250.000 18.500.000
	Kpep	1-Creation and construction of a Secondary School at Kpep village 2-Construction of 02 classrooms for GS Kpep.	38.000.000 32.000.000
	Lebo	1-construction of 04 classrooms 2-provision of 70 school desks.	38.000.000 350.000
	Lubu	1-Provision of 180 school desks. 2-Completion of 02classrooms	900.000 5.000.000
	Lutu	1-Construction of two classrooms and a block of 03 toilets in GS Lutu. 2-Provision of 180 benches	18,500,000 900.000
	Mbulom	1-Creation and equipment of a primary school	38.000.000
	Nangwa	1-Construction of 04 classrooms in GS Nangwa II. 2-Provision of 60 benches	38.000.000 300.000
	Nkang	1-Provision of 100benches 2-Creation and construction of a Secondary School at Nkang village.	500.000 50.000.000
	Nser	1-Creation of a pre-Nursery and a nursery school at Nser 2-Provision of 120 benches.	18.000.000 600.000
	Sambari	1-Renovation of 05existing classrooms at Gs Sambari 2-Provision of 150benches.	10.000.000 750.000
	Turuwa	1-Construction of two classrooms and a block of 03 toilets in GS Turuwa 2-Construction of a pre-nursery and a nursery school.	18,500,000 50.000.000

6	Water and Energy	Akum	1-Construction of a gravity water scheme in Akum 2-Provision of giant generators that can electrify the village.	50.000.000 2.000.000
		Badji	1-Construction of a water catchment's kwabon 2-Extension of hydro-electricity to the whole village	25.000.000 50.000.000
		Biando I	1-Construction of a water project at Biando I village. 2-Supply of HEP to Biandi I village	
		Biando II	1-Construction of 10 boreholes in Biando II. 2-Supply of HEP in the village.	85.000.000 50.000.000
		Edzong	1-Construction of a catchment in Oyang-Manja 2-Electrification of village	25.000.000 50.000.000
		Furu Awa	1-Construction of a catchment area and increment in stand taps. 2- Provision of H. E. P.	50.000.000 300.000.000
		Furu Bana	1-Construction of a water catchment in Shena Zang Bykyack. 2-Extension of hydro-electricity to the whole village	25.000.000 100.000.000
		Kpep	1-Construction of a water project at Kpep village. 2-Supply of HEP to Kpep village.	25.000.000 100.000.000
		Lebo	1-Construction of a water catchment area in Sanda 2-Extension of hydro-electricity to the whole village	25.000.000 100.000.000
		Lubu	1-Construction of 10 bore holes. 2-Thermal plant for energy	85.000.000 10.000.000
		Lutu	1-Construction of 08 bore holes at Lutu village. 2-Provision of giant leister generators to Lutu village.	68.000.000 5.000.000
		Mbulom	1-Construction of water catchment from river Banana 2-Electrification of village by Aes Sonel	25.000.000 100.000.000
		Nangwa	1-Construction of a water catchment area in Long Giwa. 2-Extension hydro-electricity to the whole village	25.000.000 100.000.000
		Nkang	1-Construction of a gravity scheme in Nkang 2-Provision of giant leister generators to Nkang village.	50,472,276 10.000.000
		Nser	1-Construction of a gravity scheme in Nser 2-Extension hydro-electricity to the whole village by AES Sonel.	50,000,000 100.000.000
Sambari	1-Construction of a gravity scheme in Sambari 2-Extension hydro-electricity to the whole village by AES	25,000,000		

			Sonel.	100.000.000
		Turuwa	1-Construction of 10 bore holes 2-Provision of giant leister generators to Turuwa village.	85,000,000 10.000.000
7	Environment and Nature Protection	Aku	1-Protection of water catchment areas 2-Creation of Forest reserves at Biando I village	5.000.000 5.00.000
		Badji	1-Protection of water catchment areas. 2-Creation of Forest reserves at Biando I village	5.000.000 5.00.000
		Biando I	1-Creation of Forest reserves at Biando I village 2- Protection of water catchment areas	5.000.000 5.00.000
		Biando II	1-Creation of a Forest reserve at Biando II village.	5.000.000
		Edzong	1-Protection of water catchment areas. 2-Creation of Forest reserves in Edzong	5.000.000 5.00.000
		Furu Awa	1-Creation of Forest reserves at Furu-Awa village 2- Protection of water catchment areas	5.000.000 5.00.000
		Furu Bana	1-Creation of Forest reserves at Furu-Bana village	5.000.000
		Kpep	1-Creation of Forest reserves at Kpep village.	5.000.000
		Lebo	1-Protection of water catchment areas 2-Preservation of forest areas.	5.000.000 5.00.000
		Lubu	1-Preservation of forest reserve areas. 2- Protection of water catchment areas.	5.000.000 5.00.000
		Lutu	1-Creation of a Forest reserve at Lutu village	5.000.000
		Mbulom	1-Protection of water catchment areas 2-Preservation of forest areas.	5.000.000 5.00.000
		Nangwa	1-Preservation of forest reserve areas. 2- Protection of water catchment areas.	5.000.000 5.00.000
		Nkang	1-Creation of Forest reserves at Nkang village.	5.000.000
Nser	1-Creation of a Forest reserve at Nser village	5.000.000		
Sambari	1-Creation of Forest reserves at Sambari villag	5.000.000		

		Turuwa	1-Creation of Forest reserves at Turuwa village.	5.000.000
8	Culture	Akum	1-completion of the youth cultural hall	5.000.000
			2-construction and equipment of a cultural hall	25.000.000
		Badji	1-construction and equipment of a multi-purpose cultural hall	25.000.000
		Biando I	1-Construction of a Multi-purpose cultural Centre at Biando I	25.000.000
			2- Construction of a modern palace at village.	50.000.000
		Biando II	1-Construction of a Multi-purpose cultural Center at Biando II	25.000.000
		Edzong	1-Construction and equipment of a multi-purpose cultural hall.	25.000.000
		Furu Awa	1-Construction of a community hall	25.000.000
		Furu Bana	1-construction and equipment of a multi-purpose cultural hall	25.000.000
		Kpep	1-Construction of a Multi-purpose cultural Center at Kpep village	25.000.000
			2-Construction of a modern palace at village.	50.000.000
		Lebo	1-construction and equipment of a multi-purpose cultural hall	25.000.000
		Lubu	1-construction and equipment of a multi-purpose cultural hall	25.000.000
		Lutu	1-construction and equipment of a multi-purpose cultural hall	25.000.000
		Mbulom	1-construction and equipment of a multi-purpose cultural hall	25.000.000
		Nangwa	1-construction and equipment of a multi-purpose cultural hall	25.000.000
			2-Construction of a modern palace at village.	50.000.000
Nkang	1-construction and equipment of a multi-purpose cultural hall	25.000.000		
Nser	1-construction and equipment of a multi-purpose cultural hall	25.000.000		
	2-Construction of a modern palace at village.	50.000.000		
Sambari	1-construction and equipment of a multi-purpose cultural hall	25.000.000		
Turuwa	1-construction and equipment of a multi-purpose cultural hall	25.000.000		

## 5.0

## STRATEGIC PLANNING

### 5.1. Vision and objectives of the CDP

#### 5.1.1. Vision

This document helps to identify the priority objectives from the assets, the vitality and the constraints. The main aim of this section of the document is to define the strategies and the actions to reach development objectives and to determine the actions to be carried out.

#### 5.2. Logical framework by sector (including marginalized populations)

The logical framework is presented on table 17 and of which this table is fractioned in to 28 parts representing the 28 sectors.

**Table 17: Logical frame work for the 28 ministerial sectors**

#### Public Health

<b>Strategy: Sustainable provision of universal access to quality health services and care through increased provision of services and adequate funding of public demands</b>		<b>Indicator by source of strategy and source of verification</b>		<b>Assumptions</b>	<b>Indicators of assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>		<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Increase access to health care to the population of Furu Awa council area as at least up to 80% by the year 2020	A high % drop in Morbidity and mortality rate	From the DMO's and Mayor's Reports	Availability of funds - Availability of health experts	Increase in the investment budget of the council and that of MINSANTE -Increase in the number of health experts in the Municipality	From the DMO's and Mayor's Reports
Specific Objective	To create and construct new health services in	At least 05 new health centres are constructed and well equipped	From the DMO's and Mayor's Reports	Availability of funds	Increase in the investment budget of the council and	From the DMO's and Mayor's

	Furu Awa Municipality				that of MINSANTE -Increase in the number of health experts in the Municipality	Reports
	To equip the existing and new health unit in Furu Awa	All the health units in Furu Awa Municipality are well equipped with personnel and basic materials	From the DMO's and Mayor's Reports	Availability of funds - Availability of qualified personnel to be employed	Increase in the investment budget of the council and that of MINSANTE	From the DMO's and Mayor's Reports
	To strengthen health relationship between health experts and the community	At least 17 health community relay agents are trained (each representing a village) -At least a general assembly meeting is held yearly	From the DMO's and Mayor's Reports	Availability of funds - Availability of qualified personnel to be employed	Increase in the investment budget of the council and that of MINSANTE	From the DMO's and Mayor's Reports
	To construct and equip the newly approved health canters	Health center each is constructed and equiped in Kpep and Furu Bana	From the DMO's and Mayor's Reports	Availability of funds - Availability of qualified personnel to be employed	Increase in the investment budget of the council and that of MINSANTE	
	To educate the population on how to control rampant	- Number of malaria patience reduced, Number of AIDS patience reduced	From the DMO's and Mayor's Reports	Availability of funds -	Increase in the investment budget of the council and	



	illnesses	and number of water born diseases reduced		Availability of qualified personnel to be employed	that of MINSANTE	
Results (Strategic Axes)	1) Health units are created and constructed	-04 heath units are constructed in Akum, Kpep, Sambari, and Nkang.	From the DMO's and Mayor's Reports -Decision from government creating health units	- Availability of funds and land	Increase in the investment budget of the council and that of MINSANTE -Presentation of land certificate	-DMOs and Mayor's report -Report from the divisional delegation of Land tenure
	2) A doctors resident is constructed	A resident is constructed close to the district health service to lodge the doctor	From the DMO's and Mayor's Reports	- Availability of funds and land	Increase in the investment budget of the council and that of MINSANTE -Presentation of land certificate	-DMOs and Mayor's report -Report from the divisional delegation of Land tenure
	3) More staff are employed to work in the medicalized health centre	At least 7 personnel are employed,	From the DMO's and Mayor's Reports	- Availability of funds	Increase in the investment budget of the council and that of MINSANTE	Financial report of the council and that of MINSANTE
	4) Existing health unit is equipped with basic equipments	Health unit is equipped with basic equipment like refrigerators (2), computers (5), and bikes (5).	From the DMO's and Mayor's Reports	- Availability of funds	Increase in the investment budget of the council and that of MINSANTE	Financial report of the council and that of MINSANTE
	5) Health community relay agent for each	At least 17 health correspondence are trained	From the DMO's and Mayor's Reports	Availability of funds -	Increase in the investment budget of the council and	From the DMO's and Mayor's

	village is trained			Availability of qualified personnel to be employed	that of MINSANTE	Reports
	6) The newly approved health units are constructed and equipped	Health centre each is constructed and equipped in Kpep and Furu Bana	From the DMO's and Mayor's Reports	Availability of funds - Availability of qualified personnel to be employed	Increase in the investment budget of the council and that of MINSANTE	From the DMO's and Mayor's Reports
	7)A general assembly meeting is organised	At least One general assembly meeting is organised yearly	From the DMO's and Mayor's Reports	Availability of funds - Availability of qualified personnel to be employed	Increase in the investment budget of the council and that of MINSANTE	From the DMO's and Mayor's Reports
	8) Health campaigns are carried out in the villages of Furu Awa	Health campaign is carried out every after 6 months	From the DMO's and Mayor's Reports, Sensitization reports from staff	Availability of funds - Availability of qualified personnel to be employed	Increase in the investment budget of the council and that of MINSANTE	From the DMO's and Mayor's Reports
	9) Seminars are organized for sensitization on the	- one Educative seminar is held yearly in each village to educate on HIV,	From the DMO's and Mayor's Reports	Availability of funds -	Increase in the investment budget of the council and	From the DMO's and Mayor's

	frequent diseases in Furu Awa	Malaria and other diseases		Availability of qualified personnel to be employed	that of MINSANTE	Reports
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	
1.1. Lobby for the creation of health units					500,000	
1.2. Tendering for the 4 health units					1,800,000	
1.3. Feasibility studies					40,000,000	
1.4. Follow up of projects					20,000,000	
1.5. Construction of 4 health units					160,000,000	
2.1. Lobby for the creation of a health service					500,000	
2.2. Tendering					450,000	
2.3. Feasibility studies					10,000,000	
2.4. Follow up of projects					5,000,000	
2.5. Construction of district health service					50,000,000	
3.1. Construction of doctors residence					10,000,000	
3.2. Tendering for the 4 health units					450,000	
3.3. Feasibility studies					3,000,000	
3.4. Follow up of projects					1,500,000	
4.1. Lobby for the employment of 07 staff in to the Medicalised health centers					500,000	
5.1. Purchase of 2 bikes					1,400,000	
5.2. Purchase of 01 vehicle					25,000,000	
5.3. purchase of 02 refrigerators					900,000	
5.4. Lobby for funds					500,000	
5.5. Tendering					450,000	
6.1. Training of 17 health correspondence in Furu Awa municipality					850,000	
7.1. Organization of one general assembly meeting with the community of Furu awa					500,000	
8.1 One health campaign is carried out every after 6 months					1,000,000	
9.1. One seminar is health yearly to educate on frequent diseases ( AIDS, Malaria)					1,000,000	

**Sector: Environment and Protection of Nature**

<b>Strategy: To ensure healthy environment and promote tree planting</b>		<b>Indicator by level of strategy &amp; source of verification</b>		<b>Assumptions</b>	<b>Indicators of Assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>		<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	-Ensure and maintain a sustainable managed environment in Furu-Awa municipality by the year 2020	At least 1 clean up campaign is organised monthly within each village	D.O's and Mayor's orders for clean up	-Available environmental experts in the field -Willingness of community to work towards the sustainability of their environment	-Increase in the number of environmental experts in the field - increase in the number of people taking part in clean-up campaigns	- reports from the council, divisional delegation of environment
Specific objective	Educate and involve of the population of the Furu-Awa Municipality on environmental friendly practices	Percentage increase in the knowledge and activities on environmental practices	Municipal order creating environmental committees Reports from mayor and delegation	Each village has an environmental committee	17\environmental committees are created	Reports from the divisional delegation of environment
Results (Strategic axes)	1) Sustainable management	A follow-up committee is set-up at municipal level	Reports of the follow-up	Proper functioning	17 environmentally	Reports from the divisional

	Environment in all the villages of the municipality is ensured	Community members are trained on hygiene and sanitation and assorted waste management). -Communities are sensitized on environmental management methods	committee	of environmental committees	sustainable villages	delegation of environment
	2) Environmental conservation practices are improved.	At least 06 green spaces are created with each in the villages having markets of the Furu-Awa Municipality ( Akum , Kpep village, Furu Awa, Biando I and Nkang villages) Aat least one biological diversity forest is created	-Mayor's report -Reports of the divisional delegate of Environment and Nature Protection	Availability of funds Availability of the green spaces	- % increase in public investment budget in the Environment sector -% increase of council budget	Reports of the Delegate and reports of the Mayor
	3) Environmental friendly clubs are created in educational institutions	17 clubs in the primary schools in the municipality and one each for a secondary school	-Mayor's report -Reports of the divisional delegate of Environment and Nature Protection -report from head teachers and principals	Availability of experts and funds	- % increase in public investment budget in the Environment sector -% increase of council budget	Reports of the Delegate and reports of the Mayor
	4) An environmental / protection control post is created and	01 environment/protection control post is created and established	-Ministerial order creating control environment control post	Availability of funds	- % increase in public investment budget in the Environment sector -% increase of	Reports of the Delegate and reports of the Mayor

	constructed				council budget	
	5) Establishment of sewage disposable Means (creation of dump sites)	At least 02 dump sites are created per village -Trash cans are provided were necessary (especially in schools and markets)	Mayors report and delegation of environment and protection of nature	Availabilit y of funds	- % increase in public investment budget in the Environment sector -% increase of council budget	Reports of the Delegate and reports of the Mayor
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	
<b>1.1) Setting up of follow-up committee</b>					<b>100,000</b>	
<b>1.2) Follow-up of activities</b>					<b>500,000</b>	
<b>2.1) Feasibility studies for the mapping out of green spaces</b>					<b>500,000</b>	
<b>2.2) Mapping out of green spaces</b>					<b>5,000,000</b>	
<b>2.3) creation of green space proper</b>					<b>10,000,000</b>	
<b>2.4) lobby for the employment of workers in the green spaces</b>					<b>100,000</b>	
<b>2.5) yearly maintenance of green spaces</b>					<b>2,000,000</b>	
<b>3.1) lobby for the formation of environmental friendly clubs</b>					<b>200,000</b>	
<b>3.2) creation of clubs proper</b>					<b>200,000</b>	
<b>3.3) training and education of members in clubs</b>					<b>5,000,000</b>	
<b>3.4) sponsorship of activities of the clubs</b>					<b>2,000,000</b>	
<b>4.1) lobby for the creation of a sub delegation</b>					<b>450,000</b>	
<b>4.2) tender for the creation of delegation</b>					<b>500,000</b>	
<b>4.3) feasibility studies</b>					<b>500,000</b>	
<b>4.4) construction proper of delegation</b>					<b>25,000,000</b>	
<b>4.5) equipment of delegation</b>					<b>50,000,000</b>	
<b>4.6) reception of delegation</b>					<b>500,000</b>	
<b>4.7) lobby for the employment of workers in the delegation</b>					<b>500,000</b>	
<b>5.1) lobby for the purchase of cans</b>					<b>200,000</b>	
<b>5.2) purchase of cans proper</b>					<b>5,000,000</b>	
<b>5.3) lobby for the employment of those to dispose waste</b>					<b>200,000</b>	
<b>Creation of a biological diversity forest reserve</b>					<b>50,000,000</b>	
<b>Training on hygein and sanitation</b>					<b>5,000,000</b>	

**Sector: Forestry and Wildlife**

<b>Strategy:</b>		<b>Indicator by level of strategy &amp; source of verification</b>			<b>Indicators of Assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Sustainable lumbering and protection of existing games in the Furu-Awa municipality by 2020	Fauna and flora in existing forest is well protected and more reforestation community nurseries are created for re-forestation	Field reports and Activity report from the Divisional Delegation of forestry and wild life.	Presence of extension experts in the field	Creation of forest control posts in the Municipality	Reports from the Divisional delegation of Forestry
Specific objective	-Improve forestry and wildlife practices in the municipality	Fauna and flora in existing forest is well protected and more forest areas created for reforestation	Field reports and Activity report from the Divisional Delegation of forestry and wild life.	Presence of extension experts in the field	Creation of forest control posts in the Municipality	Reports from the Divisional delegation of Forestry
Results (Strategic axes)	1) Natural forests and all protected areas in municipality are properly managed	Creation of a forest vigilance management committee for all the 17 villages.	Field reports from the Council and other extension experts from the Delegation of Forestry	All members of the community respect forestry laws	Community members properly manage forest and protected areas	Fields reports
	2) Council forest reserves are created within the municipality and well maintained	Council forest reserve areas are created	Project documents, field visits and reports from communities	Enough funds and land for the creation of community forests	Increased council budget and increased public funds for the sector of forestry.	Mayor's report and report of the divisional delegate of

						forestry.
	3) Forest areas for non timber forest products area created (encouraged by the council)	Two are created per village	Project documents, field visits and reports from communities	Enough funds and land for the creation of community forests	Increased council budget and increased public funds for the sector of forestry.	Mayor's report and report of the divisional delegate of forestry.
	3) Wildlife and endangered forest species are protected in the forest by the council	All endangered species within protected areas are preserved	Reports from forest control post and Divisional Delegation	All members of the community respect forestry laws	Community members properly manage forest and protected areas	Fields reports
	4) Forest quads are employed within the municipality	At least 10 forestry guards	Field reports from the Council and other extension experts from the Delegation of Forestry	All members of the community respect forestry laws	Creation of forest control posts in the Municipality	Reports from the Divisional delegation of Forestry and wildlife
	5) A national park is created within Furu Awa municipality	At least 01 national park is created	Ministerial decision crating national park	Availability of funds and wild life species	Percentage increase in the investment budget of the ministry of forestry and wild life and that of the council	Reports from the Divisional delegation of Forestry and wild life
	6) Secred forest areas are identified and protected	In all the villages	Field reports from the Council and other traditional authorities	Availability of funds	Percentage increase in the investment budget of the ministry of forestry and wild life and that of the	Reports from the Divisional delegation of Forestry and wild life



					council	
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	
<b>1.1 feasibility studies</b>					<b>500,000</b>	
<b>1.2 demarcation of natural forest</b>					<b>1,000,000</b>	
<b>1.3 demarcation proper</b>					<b>5,000,000</b>	
<b>1.4 follow up of activities</b>					<b>1,000,000</b>	
<b>2.1 feasibility studies</b>					<b>2,000,000</b>	
<b>2.2 demarcation of community forest area</b>					<b>5,000,000</b>	
<b>2.3 demarcation proper</b>					<b>5,000,000</b>	
<b>2.4 follow up of activities</b>					<b>1,000,000</b>	
<b>3.1 seminars and workshop aimed at sensitizing communities on forestry and wild life laws</b>					<b>500,000</b>	
<b>4.1 lobby for the employment of forest guards</b>					<b>500,000</b>	
<b>5.1) lobby for the creation of a national park</b>					<b>500,000</b>	
<b>5.2) creation of park proper</b>					<b>50,000,000</b>	
<b>5.3) lobby for the employment of workers in the park</b>					<b>500,000</b>	
<b>6.1) lobby for the creation of sacred sites</b>					<b>1,000,000</b>	
<b>6.2) demarcation of sacred sites</b>					<b>5,000,000</b>	

**Sector: Culture**

<b>Strategy</b>		<b>Indicator by level of strategy &amp; source of verification</b>			<b>Indicators of Assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Preservation and enhancement of existing cultural heritage in Furu-Awa	Number of sacred sites and rituals preserved	Traditional council records	Indigenous cultural practices are sustained	Increase in the number of manifestations of cultural	Traditional council records

	Municipality by 2020				activities	
Specific objective	To ensure the promotion and documentation of culture aspects in Furu-Awa municipality	All cultural norms and historical information are documented by traditional councils for future generations	Village development Association and traditional council records	All the members in the community are ready to preserve and respect the norms governing cultural activities	Number of cultural events carried out and documented within a year.	Village development Association and traditional council records
	To create and construct a cultural museum in Furu-Awa municipality	01 cultural museum is created and constructed in Fura-Awa municipality	Report from the divisional delegation of Culture	All the members in the community are willing to patronize their cultural heritage	Number of tourists / visitors to museum	Village development Association and traditional council records
	To construct and equip a Sub Divisional delegation of Culture	A Sub Divisional delegation of culture is constructed	Ministerial order creating a Sub-Divisional delegation of Culture	-Available funds -Available land	A land certificate is presented -Increase in public funds for the Ministry of Culture	-Field reports -Picture -Report from the divisional delegation of Culture
Results (Strategic axes)	1) Construction of community halls for cultural activities.	13 community halls are constructed in Akum, Badgi, Biando11, Edzong Furu-Awa, Furu-Bana, Kpep, Lebo, Lutu, Nkang, Nser, Sambari and turuwa	Pictures Field visits Reports from delegation of culture	-Available funds -Available land	-Land certificate is presented -Increase in public funds for the Ministry of Culture	Field reports -Picture -Report from the divisional delegation of Culture

	2) Construction of a cultural museum	01 cultural museum is constructed in Furu-Awa Village	Pictures Field visits Reports from delegation of culture	-Available funds -Available land -Available cultural antiquities	A land certificate is presented -Increase in public funds for the Ministry of Culture	Field reports -Picture -Report from the divisional delegation of Culture
	3) Completion of youth cultural hall	01 at Akum village	Supervision reports	Existence of uncompleted community hall	01 incomplete structure	Inspection reports and photocopies of land certificates
	4) Construct and equip a Sub Divisional delegation of Culture	A Sub Divisional delegation of culture is constructed	Ministerial order creating a Sub-Divisional delegation of Culture	-Available funds -Available land	A land certificate is presented -Increase in public funds for the Ministry of Culture	-Field reports -Picture -Report from the divisional delegation of Culture
	5) sponsorship of cultural Association and activities in the Municipality	Percentage increase in the manifestation of cultural activities	Reports from Mayor and the delegation of culture	-Available funds	Increase in public funds for the Ministry of Culture	Report from the divisional delegation of Culture and the Mayor
	6) facilitate the modification and construction of chief palaces	At least 17 palaces are modified	Reports from Mayor and the delegation of culture and traditional rulers	-Available funds -Available of land and aw materials	Increase in public funds for the Ministry of Culture	Report from the divisional delegation of Culture and the Mayor
<b>Activities as per expected results`</b>					<b>Estimated budgets</b>	
<b>1.1 Lobby for the construction of 12 community halls.</b>					<b>500.000</b>	
<b>1.2. Tendering for 12 community halls</b>					<b>5.400.000</b>	

<b>1.3. Feasibility studies</b>	<b>5.000.000</b>
<b>1.4. Follow up of projects</b>	<b>2.000.000</b>
<b>1.5. Construction of 12 community halls</b>	<b>120.000.000</b>
<b>1.6. Tendering for the 12 community halls</b>	<b>5.400.000</b>
<b>2.1 Lobby for the construction of 01 cultural museum</b>	<b>100.000</b>
<b>2.2. Tendering for 01 cultural museum</b>	<b>450.000</b>
<b>2.3. Feasibility studies</b>	<b>200.000</b>
<b>2.4. Follow up of projects</b>	<b>100.000</b>
<b>2.5. Construction of 01 cultural museum</b>	<b>7.000.000</b>
<b>2.6. Tendering for the 01 cultural museum</b>	<b>450.000</b>
<b>3.1 Lobby for the completion of 01 community hall</b>	<b>100.000</b>
<b>3.2. Tendering for 01 community hall</b>	<b>450.000</b>
<b>3.3. Feasibility studies</b>	<b>100.000</b>
<b>3.4. Follow up of projects</b>	<b>100.000</b>
<b>3.5. Completion of 01 community hall</b>	<b>5.000.000</b>
<b>3.6. Tendering for the completion</b>	<b>450.000</b>
<b>4.1 Lobby for the construction and equipment of delegation</b>	<b>500.000</b>
<b>4.2. Tendering</b>	<b>450.000</b>
<b>4.3. Feasibility studies</b>	<b>300.000</b>
<b>4.4. Follow up of project</b>	<b>200.000</b>
<b>4.5. Construction and equipment</b>	<b>20.000.000</b>
<b>4.6. Tendering</b>	<b>450.000</b>
<b>5.1) lobby for sponsorship of activities'</b>	<b>200.000</b>
<b>5.2 year sponsorship of activities proper</b>	<b>2.000.000</b>
<b>6.1) lobby for sponsorship</b>	<b>500.000</b>

<b>6.2) tender for projects</b>	<b>1.000.000</b>
<b>6.3) sponsorship proper</b>	<b>170.000.000</b>
<b>6.4) reception</b>	<b>9.000.000</b>

**Sector: Tourism**

<b>Strategy</b>		<b>Indicator by level of strategy &amp; source of verification</b>			<b>Indicators of Assumptions and sources of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Promotion of touristic leisure activities and leisure in the municipality by 2020	Increment in council revenue.	From mayors report and delegation of tourism	Availability of funds -Availability of touristic sites.	Increase in the investment budget of the council and ministry of tourism and Leisure	From mayors report and delegation of tourism
Specific objective	Develop and advertise attraction sites in the Furu Awa Municipality	Percentage increase in touristic potentials	From mayors report and delegation of tourism	Availability of funds and touristic sites	Increase in the investment budget of the council and ministry of tourism and Leisure	From mayors report and delegation of tourism
	Creation of recreational sites in Furu-Awa	02 recreational facilities	From mayors report and delegation of tourism	Availability of funds -availability of land	Increase in the investment budget of the council and ministry of tourism and Leisure	From Mayor's Reports and delegation of land tenure
Results (Strategic axes)	1) Tourism personnel are employed and trained	17 touristic personnel are trained	Mayors report and delegation of tourism	-Availability of funds and experts.	Increase in the investment budget of the council and ministry of tourism	From mayors report and delegation of tourism

					and Leisure	
	2) A hotel is created and constructed	01 hotel is created in the head quarter of Furu – Awa ( even a council rest house)	From the Mayor’s Reports and report from delegation of housing	-Availability of funds and land	Increase in the investment budget of the council	Mayor’s report -Report from the divisional delegation of Land tenure and the delegation of housing
	3) Creation of recreational sites.	At least 02 recreational sites are created in the municipality	From the Mayor’s Reports and delegation of tourism	-Availability of funds and land	Increase in the investment budget of the council and ministry of tourism and Leisure	Mayor’s report -Report from the divisional delegation of Land tenure
	4) Create and construct a tourism board office	At least 01 tourism board office is created and constructed	From the Mayor’s Reports , delegation of tourism and delegation of housing	-Availability of funds and land	Increase in the investment budget of the council and ministry of tourism and Leisure	Mayor’s report -Report from the divisional delegation of Land tenure
	5) Construction and equipment of Inns.	At least 06 inns are created (especially in areas having markets)	From the Mayor’s Reports and delegation of tourism	Availability of funds and land	Increase in the investment budget of the council and ministry of tourism and Leisure	Mayor’s report -Report from the divisional delegation of Land tenure
<b>Activities as per expected results`</b>						<b>Estimated budgets</b>
<b>1.1 Seminars and capacity buildings for tourist personnel</b>						<b>2.000.000</b>
<b>1.2 lobby for the employment of touristic personnel</b>						<b>300.000</b>
<b>2.1 lobby for the construction of hotel</b>						<b>450.000</b>
<b>2.2 Feasibility studies</b>						<b>1.000.000</b>
<b>2.3 tender for the construction of hotel</b>						<b>500.000</b>
<b>2.4 construction of hotel</b>						<b>20.000.000</b>
<b>2.5 follow up and reception of hotel</b>						<b>200.000</b>
<b>2.6 lobby for the employment of workers</b>						<b>500.000</b>

<b>3.1 lobby for the creation of recreational sites</b>	<b>900.000</b>
<b>3.2 feasibility studies</b>	<b>900.000</b>
<b>3.3 tender for the construction of sites</b>	<b>1.000.000</b>
<b>3.4 lobby for the employment of staffs</b>	<b>300.000</b>
<b>3.4 construction of 02 recreation.al sites</b>	<b>25.000.000</b>
<b>3.6 reception of sites</b>	<b>1.000.000</b>
<b>4.1 Lobby for the construction and equipment of delegation</b>	<b>500.000</b>
<b>4.2. Tendering</b>	<b>450.000</b>
<b>4.3. Feasibility studies</b>	<b>300.000</b>
<b>4.4. Follow up of project</b>	<b>200.000</b>
<b>4.5. Construction and equipment</b>	<b>20.000.000</b>
<b>4.6. reception</b>	<b>450.000</b>
<b>4.7 lobby for the employment of staffs</b>	<b>300.000</b>
<b>5.1 lobby for the construction of Inns or Sare</b>	<b>500.000</b>
<b>5.2 feasibility studies</b>	<b>500.000</b>
<b>5.3 tendering</b>	<b>5.000.000</b>
<b>5.4 construction and equipment proper</b>	<b>480.000.000</b>
<b>5.5 reception of buildings</b>	<b>5.000.000</b>

**Sector: Industries, Mines and Technological Development**

<b>Strategy</b>		<b>Indicator by level of strategy &amp; source of verification</b>			<b>Indicators of Assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Minerals are identified and made accessible to potential exploiters in the municipality by 2035 -Invensions are sensed and known	Increase number of quarries being legally exploited	Report from the Divisional delegation of Mines and the mayor	Availabilit y of funds	Increased investment budget for the Ministry of mines. Increase in the revenue of the council	Report from the Council and Divisional Delegation of mines

Specific objective	Sustainable exploitation of available minerals in the Furu-Awa municipality	Number of industries created	Report from the Divisional delegation of Mines and the Mayor.	Availability of funds and minerals	Increased investment budget for the Ministry of mines. Increase in the revenue of the council	Report from the Council and Divisional Delegation of mines.
	Educate exploiters and transporters on transporting and exploiting norms	-ware bills are issued to all transporters and exploiters registered	Report from the Divisional delegation of Mines and the Mayor.	Availability of funds and minerals	Increased investment budget for the Ministry of mines. Increase in the revenue of the council	Report from the Council and Divisional Delegation of mines.
Results (Strategic axes)	1) Training of mineral explorers (train and educate or sensitize exploiters and transporters)	Number of explorers is increased.	Report from the Divisional delegation of Mines and the Mayor	Availability of experts to facilitate procedure of training	Number of experts available	Report from the Divisional Delegation of mines and Mayor.
	2) The quarry exploitation and management conditions are improved	Number of quarries ameliorated	Report from the Divisional delegation of Mines and the mayor	Availability of experts to facilitate procedure of registration	Number of experts available	Report from the Divisional Delegation of mines and the Mayor
	3) Creation of a post of Industries Mines and Technological Development	01 post is created and constructed	Report from the Divisional delegation of Mines and the mayor	Availability of funds	Increased investment budget for the Ministry of mines. Increase in the revenue of the council	Report from the Divisional Delegation of mines and the Mayor
<b>Activities as per expected results`</b>						<b>Estimated budgets</b>



<b>1.1 lobby for the training of workers</b>	<b>300,000</b>
<b>1.2 training and capacity buildings in the exploitation of minerals</b>	<b>500,000</b>
<b>2.1 lobby for the identification and demarcation of mineral sites</b>	<b>500,000</b>
<b>2.2 identification and demarcation of mineral sites</b>	<b>10,000,000</b>
<b>3.1 Lobby for the construction and equipment of post</b>	<b>500.000</b>
<b>3.2. Tendering</b>	<b>450.000</b>
<b>33. Feasibility studies</b>	<b>300.000</b>
<b>3.4. Follow up of project</b>	<b>200.000</b>
<b>3.5. Construction and equipment</b>	<b>20.000.000</b>
<b>3.6. reception</b>	<b>450.000</b>
<b>3.7 lobby for staffs</b>	<b>300.000</b>

**Sector: Small ad Medium Size Enterprises, handicraft**

<b>Strategy:</b> To promote small and medium size businesses, protect and educate. sponsored projects.		<b>Indicator by level of strategy &amp; source of verification</b>			<b>Indicators of Assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Promotion of Small and Medium Size Enterprises in the Municipality by 2035	Increase number of Small and Medium Size Enterprises	Report from the Divisional delegation of Small and Medium Size Enterprises and the mayor	Availability of funds	Increased investment budget for the Ministry of mines. Increase in the revenue of the council	Report from the Council and Divisional Delegation of Small and Medium Size Enterprises
Specific objective	-Protection and enhancement of Small and Medium Size Enterprises in Furu-Awa sub-division -Encouragement and sponsorship of the activities	Percentage increase in the number of Small and Medium Size Enterprises Percentage increase	Report from the Divisional delegation of Small and Medium Size Enterprises and the mayor	Availability of funds	Increased investment budget for the Ministry of mines. Increase in the	Report from the Council and Divisional Delegation of Small and Medium Size Enterprises

	of craft men and women in Furu-Awa sub-division.	in the activities of craft men and women			revenue of the council	
Results (Strategic axes)	1) creation of craft centres	At least 02.	Report from the Divisional delegation of Small and Medium Size Enterprises and the mayor	Availability of funds	Number of experts available	Report from the Council and Divisional Delegation of Small and Medium Size Enterprises .
	2) training of craft men and women	Percentage increase in the number of craft persons	Report from the Divisional delegation of Small and Medium Size Enterprises and the mayor	Availability of experts	Number of experts available	Report from the Council and Divisional Delegation of Small and Medium Size Enterprises
	3) creation of Small and medium Size Enterprises in the municipality	At least 17	Report from the Divisional delegation of Small and Medium Size Enterprises and the mayor	Availability of funds	Number of experts available	Report from the Council and Divisional Delegation of Small and Medium Size Enterprises
	4) Creation of a sub delegation of Small and Medium Size Enterprises	01 sub delegation is created	Report from the Divisional delegation of Small and Medium Size Enterprises and the mayor	Availability of funds	Increased investment budget for the Ministry of mines. Increase in the revenue of the council	Report from the Council and Divisional Delegation of Small and Medium Size Enterprises
<b>Activities as per expected results`</b>						<b>Estimated budgets</b>
<b>1.1) lobby for the creation of a centres</b>						<b>900.000</b>

1.2) tender for the creation of centres	1.000.000
1.3) feasibility studies	1.000.000
1.4) construction proper of centres	20.000.000
1.5) equipment of centres	30.000.000
1.6) reception of centres	1.000.000
1..7) lobby for the employment of workers in the centres	1.000.000
2.1) lobby for experts	500.000
2.2) training and work shop proper	5.000.000
3.1) lobby for the cretion of enterprises	8.500.000
3.2) feasibility studies	8.500.000
3.3) tender	3.400.000
3.4) establishment proper of enterprises	5.000.000.000
4.1) lobby for the creation of a sub delegation	450.000
4.2) tender for the creation of delegation	500.000
4.3) feasibility studies	500.000
3.4) construction proper of delegation	25.000.000
4.5) equipment of delegation	50.000.000
4.6) reception of delegation	500.000
4.7) lobby for the employment of workers in the delegation	500.000

#### Sector: Territorial Administration and Decentralization

Strategy		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification
Vision, Goal, Global Objective	Effective function of administrative services by 2020 in the municipality.	Increase number of quarries being legally exploited	Report from the Divisional Officer and the Mayor	Availability of funds Availability of administrative services	Increased in administrative services and revenue of the council	Report from the Divisional Officer and the Mayor
Specific objective	Create and facilitate administrative	Increase in the number of	Report from the Divisional Officer and	Availability of funds and	Report from the Divisional Officer	Report from the Divisional Officer

	services in the Furu-Awa council.	administrative services created	the Mayor	experts	and the Mayor	and the Mayor
	To ensure an effective revenue collection in Furu Awa Municipality	Revenue is effectively collected	Report from the Divisional Officer and the Mayor	Availability of funds and experts	Report from the Divisional Officer and the Mayor	Report from the Divisional Officer and the Mayor
Results (Strategic axes)	1) In service training for council staffs	At least 08 of workers are trained.	Report from the Divisional Officer and the Mayor	Availability of experts to facilitate procedure of training	Number of experts available	Report from the Divisional Officer and the Mayor.
	2) Recruitment of qualified personnel	At least 01 secretary typist	Report from the Divisional Officer and the Mayor	Availability of experts to facilitate procedure of registration	Number of experts available	Report from the Divisional Officer and the Mayor
	3) Acquisition of a new (bigger) canoe for River katsina Ala. (morden canoe)	At least 01 canoe and live jackets bought	Report from the Divisional Officer and the Mayor and the store Accountant report	Availability of funds	Increased investment budget for the Ministry	Report from the Divisional Officer and the Mayor
	4) Completion and handing over of the council hall.	Completion of 01 council building in Furu-Awa	Report from the Divisional Officer and the Mayor	Availability of funds	Increased investment budget for the Ministry And council	Report from the Mayor Report from the Divisional Officer and the Mayor
	5) Construction of a staff quarters for council workers	3 apartments of 2 rooms each in Furu-Awa	Report from the Divisional Officer and the Mayor.	Availability of funds	Increased investment budget for the Ministry And the council	Report from the Divisional Officer and the Mayor
	6) Acquisition of motor bikes	At least 03 motor bikes are acquired.	Report from the Divisional Officer and the Mayor and store	Availability of funds	Increased investment budget for the Ministry	Report from the Divisional Officer and the Mayor

			Accountant report		And the council	
	7) Acquisition of a high power multi purpose generator.	At least 01 generator for the council building in Furu-Awa	Report from the Divisional Officer and the Mayor and store Accountant report	Availability of funds	Increased investment budget for the Ministry And the council	Report from the Divisional Officer and the Mayor
	8) Employment of council police	At least 06	Report from the Divisional Officer and the Mayor.	Availability of funds and personnel	Increased investment budget for the Ministry And the council	Report from the Divisional Officer and the Mayor
	9) construction of a special civil status registrar office	01 in Edzong village.	Report from the Divisional Officer and the Mayor	Availability of funds and land	Increased investment budget for the Ministry And the council	Report from the Divisional Officer and the Mayor
	10) Creation and construction of a special service status registrar.	At least 02 in Nkang and Mbiando 11	Ministry of territorial Administration and decentralisation	Availability of funds and land	Increased investment budget for the Ministry And the council	Report from the Divisional Officer and the Mayor
	11) Creation and construction of the different posts for the forces of law and other police post	A gendarmerie post in Nkang -Immigration police and custom in Lubu 02 public security posts in Akum and Sambari	Ministry of territorial Administration and decentralisation and ministry of Defence	Availability of funds and land	Increased investment budget for the Ministry And the council	Report from the Divisional Officer the Mayor and ministry of defence
	12) Provision of Equipments for special civil status registrar office.	For all 04 special civil status registrar office	Report from the Divisional Officer and the Mayor	Availability of fund	Increased investment budget for the Ministry And the council	Report from the Divisional Officer and the Mayor
	13) Employment of staffs for special	At least 10 workers	Report from the Divisional Officer and	Availability of funds and land	Increased investment budget	Report from the Divisional Officer

	civil status office.		the Mayor		for the Ministry And the council	and the Mayor
	14) More revenue collectors are employed and trained	17 revenue collectors are recruited	Report from the Divisional Officer and the Mayor	Availability of funds and land	Increased investment budget for the Ministry And the council	Report from the Divisional Officer and the Mayor
<b>Activities as per expected results`</b>						<b>Estimated budgets</b>
<b>1.1) Capacity buildings, seminars and training</b>						<b>1.000.000</b>
<b>2.1 lobby for the recruitment of staff</b>						<b>200.000</b>
<b>3.1 lobby for the acquisition of canoe</b>						<b>200.000</b>
<b>3.2) purchase of canoe proper</b>						<b>500.000</b>
<b>4.1) lobby for the acquisition of engine</b>						<b>200.000</b>
<b>4.2) purchase of engine proper</b>						<b>1.000.000</b>
<b>5.1) lobby for funds</b>						<b>200.000</b>
<b>5.2) completion of council building proper</b>						<b>2.000.000</b>
<b>5.3) reception of council building</b>						<b>500.000</b>
<b>6.1) lobby for the construction of staff quarter</b>						<b>450.000</b>
<b>6.2) tender for construction</b>						<b>500.000</b>
<b>6.3) feasibility studies</b>						<b>300.000</b>
<b>6.4) construction proper of staff quarter</b>						<b>30.000.000</b>
<b>6.5) reception of building</b>						<b>500.000</b>
<b>7.1) lobby for the purchase of motor bike</b>						<b>50.000</b>
<b>7.1) purchase of bikes proper</b>						<b>2.000.000</b>
<b>8.1) lobby for the purchase of generator</b>						<b>100.000</b>
<b>8.2) purchase of generator proper</b>						<b>500.000</b>
<b>9.1) lobby for the employment of council police</b>						<b>100.000</b>
<b>10.1) lobby for the construction of office</b>						<b>450.000</b>
<b>10.2) feasibility studies</b>						<b>100.000</b>
<b>10.3) tender for construction</b>						<b>500.000</b>
<b>10.4) construction proper of office</b>						<b>20.000.000</b>
<b>10.5) reception of office</b>						<b>500.000</b>

<b>11.1) lobby for the construction of offices</b>	<b>900.000</b>
<b>11.2) feasibility studies</b>	<b>2.000.000</b>
<b>11.3) tender for construction of offices</b>	<b>1.000.000</b>
<b>11.4) construction proper of offices</b>	<b>40.000.000</b>
<b>11.5) reception of offices</b>	<b>1.000.000</b>
<b>12.1 lobby for the creation and construction of a gendarmerie or police post</b>	<b>450.000</b>
<b>13.1) lobby for the purchase of equipments</b>	<b>450.000</b>
<b>13.2) tender for the purchase of equipments</b>	<b>100.000</b>
<b>13.3) purchase of tables</b>	<b>1.000.000</b>
<b>13.4) purchase of office chairs</b>	<b>1.000.000</b>
<b>13.4) purchase of civil status documents</b>	<b>1.000.000</b>
<b>13.5) purchase of documents</b>	<b>1.000.000</b>
<b>13.6) acquisition of generator</b>	<b>500.000</b>
<b>13.7) miscellaneous items</b>	<b>2.000.000</b>
<b>14.1) lobby for the employment of staffs</b>	<b>500.000</b>

**Sector: Social Affairs**

Strategy		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification
Vision, Goal, Global Objective	Establishment and facilitation of Social Services in the Furu Awa council area	Increment in institution and services	Report from the Divisional delegation of Social Affairs and the	Availability of funds	Increased investment budget for the Ministry of Social Affairs and of the Council	Report from the Council and Divisional Delegation of Social Affairs
Specific objective	Improvement of the living conditions of the vulnerable population in the Furu-Awa	Improvement in the living conditions of the vulnerable population	Report from the Divisional delegation of Social Affairs and the Mayor.	Availability of funds	Increased investment budget for the Ministry of Social Affairs and of the Council	Report from the Council and Divisional Delegation of Social Affairs

	Municipality					
Results (Strategic axes)	1) Free education is offered to the vulnerable especially orphans/disabled	Increment in percentage of literacy rate among the vulnerable.	Report from the Divisional delegation of Social Affairs and the	Availability of experts to facilitate procedure of training	Number of experts available	Report from the Council and Divisional Delegation of Social Affairs
	2) Provision of needy equipments and materials to the vulnerable	At least 10 wheel chairs, 12 crutches, 370 lenses, 60 white canes and 10 tricycles	Report from the Divisional delegation of Social Affairs and the	Availability of funds	Increased investment budget for the Ministry of Social Affairs and of the Council	Report from the Council and Divisional Delegation of Social Affairs
	3) A social centre is created	01 social centre is created	Report from the Divisional delegation of Social Affairs and the Mayor	Availability of funds	Increased investment budget for the Ministry of Social Affairs. Increase in the revenue of the council	Report from the Divisional Delegation of Social Affairs and the Mayor
	4) creation of vulnerable centres	At least 02 centres are created in Lebo and Akum	Report from the Divisional delegation of Social Affairs and the Mayor	Availability of funds	Increased investment budget for the Ministry of Social Affairs. Increase in the revenue of the council	Report from the Divisional Delegation of Social Affairs and the Mayor
	5) Training and psycho social care	Increment in expertise and psychology of the vulnerable	Report from the Divisional delegation of Social Affairs and the Mayor	Availability of experts to facilitate procedure of training	Increased investment budget for the Ministry of Social Affairs. Increase in the revenue of the council	Report from the Divisional Delegation of Social Affairs and the Mayor
	6) Subventions in income generating	Increment in living conditions of the vulnerable	Report from the Divisional delegation of	Availability of experts to facilitate	Increased investment budget for the Ministry of Social Affairs.	Report from the Divisional Delegation of



	activities of the vulnerable		Social Affairs and the Mayor	procedure of training	Increase in the revenue of the council	Social Affairs and the Mayor
	7) Provision of medicines and medical care to he vulnerable	Increment in living conditions of the vulnerable	Report from the Divisional delegation of Social Affairs and the Mayor	Availability of funds	Increased investment budget for the Ministry of Social Affairs. Increase in the revenue of the council	Report from the Divisional Delegation of Social Affairs and the Mayor
<b>Activities as per expected results`</b>						<b>Estimated budgets</b>
<b>1.1</b>	<b>Lobby for sponsorship of orphans</b>					<b>500.000</b>
<b>1.2</b>	<b>Sponsorship of orphan</b>					<b>25.000.000</b>
<b>2.1)</b>	<b>lobby for the provision of equipments</b>					<b>500.000</b>
<b>2.2)</b>	<b>purchase of 10 wheel chairs</b>					<b>5.000.000</b>
<b>2.3)</b>	<b>purchase of 12 crutches</b>					<b>300.000</b>
<b>2.4)</b>	<b>purchase of of 60 white canes</b>					<b>300.000</b>
<b>2.5)</b>	<b>purchase of 370 lenses</b>					<b>37.000.000</b>
<b>3.1)</b>	<b>lobby for the creation of a sub delegation</b>					<b>450.000</b>
<b>3.2)</b>	<b>tender for the creation of delegation</b>					<b>500.000</b>
<b>3.3)</b>	<b>feasibility studies</b>					<b>500.000</b>
<b>3.4)</b>	<b>construction proper of delegation</b>					<b>25.000.000</b>
<b>3.5)</b>	<b>equipment of delegation</b>					<b>50.000.000</b>
<b>3.6)</b>	<b>reception of delegation</b>					<b>500.000</b>
<b>3.7)</b>	<b>lobby for the employment of workers in the delegation</b>					<b>500.000</b>
<b>4.1)</b>	<b>lobby for the creation of a centres</b>					<b>900.000</b>
<b>4.2)</b>	<b>tender for the creation of centres</b>					<b>1.000.000</b>
<b>4.3)</b>	<b>feasibility studies</b>					<b>1.000.000</b>
<b>4.4)</b>	<b>construction proper of centres</b>					<b>20.000.000</b>
<b>4.5)</b>	<b>equipment of centres</b>					<b>30.000.000</b>
<b>4.6)</b>	<b>reception of centres</b>					<b>1.000.000</b>
<b>4..7)</b>	<b>lobby for the employment of workers in the centres</b>					<b>1.000.000</b>

<b>5.1) lobby for experts</b>	<b>500.000</b>
<b>5.2) organisation of workshops, seminars, capacity buildings, psycho talks</b>	<b>500.000</b>
<b>5.3) training on brail writing</b>	<b>5.000.000</b>
<b>5.4) raining on dumb signs and signals</b>	<b>5.000.000</b>
<b>6.1) lobby for the provision of subventions</b>	<b>500.000</b>
<b>6.2) subventions proper to different categories of the vulnerable</b>	<b>300.000.000</b>
<b>7.1) lobby for the purchase of medicines</b>	<b>500.000</b>
<b>7.2) purchase of medicines proper for epileptics yearly</b>	<b>2.000.000</b>
<b>7.3) purchase of medicines proper for leprosy persons</b>	<b>2.000.000</b>

### Sector: Youth Affairs

Strategy		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification
Vision, Goal, Global Objective	Promotion of youth activities in the municipality to about 80% by the year 2020	Increment in youth activities and job opportunities	Reports from the delegation of youth affairs and civic education	Availability of funds and experts to trained youths	Increased investment budget for the Ministry of youths and civic education and that of the council	Report from the Council and Divisional Delegation of youth and civic education
Specific objective	Involvement of youths in socio-economic activities in the Furu-Awa municipality	Increment in youth activities	Reports from the delegation of youth affairs and civic education	Availability of funds and experts	Increased investment budget for the Ministry of youths and civic education and that of the council	Report from the Council and Divisional Delegation of youth and civic education
Results (Strategic axes)	1) Multi-purpose youth empowerment centre constructed	At least 03 centres are constructed and equipped in Furu-Awa,	Reports from the delegation of youth affairs and civic education	Availability of funds	Increased investment budget for the Ministry of youths and civic education and that of the council	Report from the Council and Divisional Delegation of youth and civic

		Akum and Furu-Bana.				education.
	2) Funding of holiday Sporting activities for each summer holiday	Number of sport activities funded per summer.	Reports from the delegation of youth affairs and civic education	Availability of funds	Increased investment budget for the Ministry of youths and civic education and that of the council	Report from the Council and Divisional Delegation of youth and civic education
	3) Job opportunities are created for youths within the council area and youths informed about existing job opportunities in order areas of the territory	Increment in job opportunities	Reports from the delegation of youth affairs and civic education	Availability of funds	Increased investment budget for the Ministry of youths and civic education and that of the council	Report from the Council and Divisional Delegation of youth and civic education
	4) Training of youths in different socio-economic activities and involving them in PAJER-U CNYC and support project for the facilitation of sporting activities (BIFMAS)	Percentage increase in the number of youths trained and employed	Reports from the delegation of youth affairs and civic education	Availability of experts	Increased investment budget for the Ministry of youths and civic education and that of the council	Report from the Council and Divisional Delegation of youth and civic education
	5) creation of a sub delegation of youth affairs	01 sub delegation is created	Reports from the delegation of youth affairs and civic education	Availability of funds	Increased investment budget for the Ministry of youths and civic education and that of the council	Report from the Council and Divisional Delegation of youth and civic education
	6) Youths do participate in	-International youth day is				

	celebrating the different international days	celebrated (every 12 <sup>th</sup> August) - International literacy day also celebrated				
<b>Activities as per expected results`</b>						<b>Estimated budgets</b>
<b>1.1) lobby for the creation of a centres</b>						<b>450.000</b>
<b>1.2) tender for the creation of centres</b>						<b>200.000</b>
<b>1.3) feasibility studies</b>						<b>250.000</b>
<b>1.4) construction proper of centres</b>						<b>60.000.000</b>
<b>1.5) equipment of centres</b>						<b>10.000.000</b>
<b>1.6) reception of centres</b>						<b>200.000</b>
<b>1.7) lobby for the employment of workers in the centres</b>						<b>200.000</b>
<b>2.1) organisation and sponsorship of yearly holiday champions league</b>						<b>5.000.000</b>
<b>3.1) provision of petty job opportunities within the council area</b>						<b>20.000.000</b>
<b>4.1) lobby for experts</b>						<b>500.000</b>
<b>4.2) organisation of workshops, seminars, capacity buildings, psycho talks and trainings</b>						<b>500.000</b>
<b>5.1) lobby for the creation of a sub delegation</b>						<b>450.000</b>
<b>5.2) tender for the creation of delegation</b>						<b>500.000</b>
<b>5.3) feasibility studies</b>						<b>500.000</b>
<b>5.4) construction proper of delegation</b>						<b>25.000.000</b>
<b>5.5) equipment of delegation</b>						<b>50.000.000</b>
<b>5.6) reception of delegation</b>						<b>500.000</b>

### Land Tenure

Strategy		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification

<b>Vision, Goal, Global Objective</b>	Improving access to land tenure services in Furu-Awa municipality by 2035 thereby ensuring easy acquisition of land titles	-Increase in number of land certificates acquired -Reduction in land conflicts (especially ethnic conflicts)	Reports from the Council and DO's Office	Availability of a functional and equipped Sub Divisional land tenure service	-Number of land surveyors in the field -Timely acquisition of land titles -Simplified procedures adapted to suit the needs of the people	Reports from the Divisional delegation of land tenure
<b>Specific objective</b>	To ensure that Furu-Awa people acquire land certificates and ensure effective land surveys	-Increase in number of land certificates acquired	Reports from the Council and DOs Office	Availability of funds	Increased public funds in the Ministry of Land Tenure	Reports from the Divisional delegation of land tenure
<b>Results (Strategic Axes)</b>	1) Creation of a Sub Divisional delegation of Land Tenure in Furu-Awa municipality	-Ministerial decision creating delegation -Appointment of Sub Divisional Delegate of Land Tenure	Reports from the Divisional delegation of land tenure	- Availability of funds - Available land -Availability of staff	-Increased public funds in the ministry of Land Tenure -Land Certificate presented	Reports from the Divisional delegation of land tenure
	2) Construction and equipping of Sub Divisional Delegation of Land Tenure	-Infrastructures -Provision of basic office equipments -Employment of at least 04 staff	Reports from the Divisional delegation of land tenure	- Availability of funds -Availability of staff	-Increased public funds in the ministry of Land Tenure	Reports from the Divisional delegation of land tenure
	3) Village Traditional Councils are trained on land acquisition procedures and resolution of land	-Traditional Councils of 17 villages are trained	Reports from the Sub Divisional delegation of Land Tenure	- Availability of funds -Availability of trainers	- Highly collaborative Village Traditional Councils in land matters - Reduction in number of land disputes	-Reports from the Sub Divisional delegation of Land Tenure -Reports from the DO

	conflicts				-Application of diplomacy in the traditional settlement of land disputes	
	4) Demarcation of state-owned landed properties	Number of people encroaching in government property reduced	Reports of traditional Councils	-Availability of funds -Availability of land surveyors	- Increased public funds in the ministry of Land Tenure -Number of land surveyors deployed in fields	Reports from the Divisional delegation of land tenure
<b>Activities as per expected results`</b>						<b>Estimated budgets</b>
<b>1.1 Lobby and follow-up for the creation of Sub-Divisional Delegation of Land Tenure</b>						800.000
<b>2.1 Lobby for the construction of Sub-Divisional Delegation of Land Tenure</b>						500.000
<b>2. 2 Tendering for feasibility studies</b>						450.000
<b>2.3 Feasibility studies proper</b>						1.000.000
<b>2.4 Follow up of projects</b>						500.000
<b>2.5 Construction and equipment of Sub-Divisional Delegation of Land Tenure</b>						20.000.000
<b>3.0 Training of 17 Village Traditional Councils</b>						800.000
<b>4.0 Demarcation of state-owned landed properties</b>						2.000.000

**Sector: Scientific Research and Innovation**

<b>Strategy: Animate, coordinate and control all scientific, research and innovation activities in all domains for the promotion of socio-cultural and economic development</b>		<b>Indicator by level of strategy &amp; source of verification</b>			<b>Indicators of Assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision,	Improve access to	-Increase in	Activity reports	Availability	-Number of research	-Reports from

Goal, Global Objective	and utilization of beneficial research information in Furu-Awa council area by 2020	scientific research activities in the area -Tangible benefits of research	from the Regional Delegation of Scientific Research and innovation	and utilization of useful research results	teams in the area -Number of useful research publications	Regional delegation of Scientific Research and Innovation and research institutions
Specific objective	To ensure that the population of Furu-Awa benefits from research activities especially in agricultural and livestock domains	-Number of research activities in the area - Number of people benefitting from research results	-Activity reports from the Regional Delegation of Scientific Research and Innovation - Reports from MINADER and MINEPIA	-Available funds -Available research units -Available researchers -Farmers ready to use research results	-Increase in public funds for research -Number of farmers using research results -Increased agricultural and livestock productivity	-Reports from the Regional delegation of scientific Research -Reports from the Sub-Divisional Delegations of agriculture and livestock
Results (Strategic Axes)	1) Creation of a sub Divisional delegation of Scientific Research and Innovation in Furu-Awa municipality	-Decision creating Divisional delegation in Wum -Appointment decision of a Divisional Delegate	Reports of Regional Delegation of Scientific Research	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for scientific research -Presentation of Land certificate -Number of staff recruited	-Report from the Divisional Delegation of Land Tenure -Report from the Regional delegation of Scientific research and innovation
	2) Construction and equipping of Divisional Delegation of Scientific Research and innovation	-Infrastructures -Provision of basic office equipments -Employment of at least 07 staff	Reports from the Regional delegation of Scientific Research and innovation	- Availability of funds -Availability of staff	-Increased public funds in the ministry of Land Tenure	-Reports from the Regional delegation of Scientific Innovation

	3) Creation of a Sub-Divisional delegation of Scientific Research and Innovation in Furu-Awa municipality	-Decision creating Sub Divisional delegation -Appointment decision of a Sub Divisional Delegate	Reports of Regional Delegation of Scientific Research	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for scientific research -Presentation of Land certificate -Number of staff recruited	-Report from the Divisional Delegation of Land Tenure -Report from the Regional delegation of Scientific research and innovation
	4) Construction and equipping of Sub Divisional Delegation of Scientific Research and innovation	-Infrastructures -Provision of basic office equipments -Employment of at least 04 staff	Reports from the Regional delegation of Scientific Research and innovation	- Availability of funds -Availability of staff	-Increased public funds in the ministry of Land Tenure	-Reports from the Regional delegation of Scientific Innovation
	5)Training of farmers on researched innovative methods at set-up demonstration posts	-At least 02 field demonstrations are done yearly - Regular field supervision by technical experts	-Report of field visits -Pictures	Availability of researchers and extension experts in the field	-Number of researchers and extension experts	Report of the Regional Delegations of scientific research, livestock and agriculture
<b>Activities as per expected results</b>						<b>Estimated budgets</b>
1.1 Lobby and follow-up for the creation of a Divisional Delegation of Scientific Research and Innovation						800.000
2. 1 Tendering for feasibility studies						450.000
2.3 Feasibility studies proper						1.000.000
2.4 Follow up of projects						500.000
2.5 Lobby for the construction of a Divisional Delegation of Scientific Research and Innovation						500.000
2.6 Construction and equipment of Divisional Delegation of Scientific Research and Innovation						25.000.000
3.1 Lobby and follow-up for the creation of a Sub-Divisional Delegation of Scientific Research and Innovation						800.000
4.1 Lobby for the construction of a Sub-Divisional Delegation of Scientific Research and Innovation						500.000
4.2 Tendering for feasibility studies						450.000
4.3 Feasibility studies proper						1.000.000
4.4Follow up of projects						500.000



4.5 Construction and equipment of Sub-Divisional Delegation of Scientific Research and Innovation	20.000.000
5.1 Setting-up of demonstration posts proximal to beneficiaries	2.000.000

**Sector: Labour and Social Security**

Strategy		Indicator by level of strategy & source of verification		Assumptions	Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification		Indicators	Source of verification
Vision, Goal, Global Objective	Ensure the respect and protection of basic rights of employees and employers as per labour laws in Furu-Awa council area	-Increase in number of trade unions -Reduction in the number of work related strikes and lock outs -Increase in job satisfaction and output of employees	Reports from Divisional service of MINTSS	Both employers and employees respect labour laws	-Favourable working conditions	Reports from delegation of MINTSS
Specific objective	To improve on the working conditions of workers in the municipality through provision of MINTSS services	-Increase in the number of employees and employers whose rights are protected	Reports from Divisional service of MINTSS	Both employers and employees respect the labour laws	-Favourable working conditions	Reports from the divisional delegation of MINTSS
Results (Strategic axes)	1)Creation of a Sub-Divisional delegation of MINTSS in Furu-Awa municipality	-Decision creating Sub Divisional delegation -Appointment decision of a Sub Divisional Delegate	Reports from Divisional service of Labour and Social Security	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for MINTSS -Presentation of Land certificate -Number of staff recruited	Reports from the divisional delegation of MINTSS
	2)Construction and equipping of Sub Divisional Delegation of	-Infrastructures -Provision of basic office equipments	Reports from the divisional delegation of	- Availability of funds -Availability of staff	-Increased public funds in the	-Reports from the divisional delegation of

	MINTSS	-Employment of at least 04 staff	MINTSS		MINTSS	MINTSS
	3) Trained trade union leaders on labour laws and social dialogue	-Number of trade union leaders trained -Number of peacefully resolved grievances of workers	Reports from Divisional service of MINTSS	-Availability of experts on labour laws -Availability of funds -Willingness of population to cooperate with MINTSS services	-Number of experts within the municipality -Increase in public funds for MINTSS	Reports from the divisional delegation of MINTSS
	4) Social security measures ensured within the municipality	-Increased number of workers registered in insurance institutions (e.g. CNPS)	Reports from Divisional service of MINTSS	-Availability of social security institutions -Availability of social security experts	-Number of social security institutions present -Number of experts within the municipality	Reports from divisional delegation of MINTSS
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	
1.1 Lobby and follow-up for the creation of Sub-Divisional Delegation of MINTSS					800.000	
2.1 Lobby for the construction of Sub-Divisional Delegation of MINTSS					500.000	
2. 1 Tendering for feasibility studies					450.000	
2.3 Feasibility studies proper					1.000.000	
2.4 Follow up of projects					500.000	
2.5 Construction and equipment of Sub-Divisional Delegation of MINTSS					20.000.000	
3.1 Training of trade union leaders					2.000.000	
4.1 Facilitating registration of workers into CNPS					2.000.000	

**Sector: Employment and Vocational Training**

<b>Strategy:</b>		<b>Indicator by level of strategy &amp; source of verification</b>			<b>Indicators of Assumptions and sources of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Increase youth employment by 50% by the year 2020.	% Reduction in the number of unemployed youths	Reports from the divisional delegation of Employment and Vocational training	Youths acquire essential skills through training and gain employment	Increase in the number of qualified youths providing the needed skills	Report from the divisional delegation of Employment and Vocational training
Specific objective	To improve on employment and vocational training services within Furu-Awa municipality	-At least 01 vocational training centre is created -Number of youths employed is increased - Increase micro entrepreneur	Report from the delegation of Employment and Vocational training	-Availability of trainers -Availability of local investors/Economic operators	-Number of experts in the field - Number of local investors - Increase in the PIB for Employment and vocational training	Report from the divisional delegation of Employment and Vocational training
Results (Strategic axes)	1)SAR/SM is created, constructed and equipped within the municipality	-01SAR/SM is constructed and equipped (including staff)	Reports from Divisional service of Employment and Vocational Training	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for ministry of Employment and Vocational Training -Presentation of Land certificate -Number of staff recruited	Reports from the divisional delegation of Employment and Vocational Training

	2)Capacity building of youths on essential skills within Furu-Awa municipality	-Number of youths trained -Increase in number of self-employed youths within the municipality	-Reports of follow-up of vocational training centre -Number of youths effectively engaged in vocational activities	-Availability of funds -Availability of trainers -Availability of didactic materials -Willingness of youths to be trained	-Number of youths trained -Inventory of training materials/equipment -Increase in public funds for ministry of Employment and Vocational Training	-Report from the divisional delegation of Employment and Vocational training -Report of vocational training centre
	3)Provision of micro-grants to capacitated youths to enable self-sustainability	-Number of grants awarded -Number of grant beneficiaries	Reports from divisional delegation of Employment and vocational training	-Availability of funds	-Number of donors	-Report from the divisional delegation of Employment and Vocational training -Report of vocational training centre
	4) More private people are encouraged to create enterprises	Increase number of private enterprises created within the municipality	Reports from divisional delegation of Employment and vocational training -Report of the mayor and Divisional officer	Availability of funds	Increased number of investors in the municipality	-Report from the divisional delegation of Employment and Vocational training -Report of vocational training centre
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	
1.1 Lobby and follow-up for the creation of SAR/SM					800.000	
1.2 Lobby for the construction of SAR/SM					500.000	
1.3 Tendering for feasibility studies					450.000	

1.4 Feasibility studies proper	1.000.000
1.5 Follow up of project	500.000
1.6 Construction and equipment of SAR/SM	50.000.000
1.7 Purchase of bikes for the center	2,000,000
2.1 Capacity building of youths	5.000.000
3.1 Micro-grants and follow-up	10.000.000
4.1) More private people are encouraged to create enterprises	5,000,000

### Sector: Women's Empowerment and the Family

<b>Strategy:</b> Promotion and protection of women's rights. Economic empowerment of a woman. Promotion and protection of a girl child.		<b>Indicator by level of strategy &amp; source of verification</b>		<b>Assumptions</b>	<b>Indicators of Assumptions and sources of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>		<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Improve on MINPROFF services in Furu-Awa municipality by 2020	-Increase in number of women empowerment groups -Increase in number of registered marriages, child births, and deaths -Increase gender sensitization	-Reports from the divisional delegation MINPROFF -Mayor's Report	-Regular sensitization on family welfare issues -Available funds -Available field experts	-Number of field staff -Increase in PIB for MINPROFF	-Reports from the divisional delegation MINPROFF -Mayor's Report
Specific objective	Promotion of gender equality / equity and protection against gender based	-Increase in female representatives in decision making processes -Increase in the	-Reports from the divisional delegation MINPROFF -Mayor's Report	-Availability of trainers -Availability of funds	-Number of field staff -Increase in PIB for MINPROFF	-Reports from the divisional delegation MINPROFF -Mayor's Report

	violence within Furu-Awa municipality	number of legalised marriages -Increase in number of established birth and death certificates -Increase in girl child school enrolment -Decrease in teenage marriages	-Report from Divisional delegations of Basic and Secondary education			
	To stop child trafficking	Child trafficking is completely stopped in Furu Awa Municipality	- Reports from the divisional delegation of MINPROFF -Rrport of the mayor and the DO	Presence of well trained forces of law and other	Increase number of staff for public security	DO and mayors report
Results (Strategic axes)	1)A Sub Divisional Delegation for MINPROFF in Furu-Awa municipality is created	-Decision creating Sub Divisional delegation -Appointment decision of a Sub Divisional Delegate	-Reports from the divisional delegation MINPROFF	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for MINPROFF -Presentation of Land certificate -Number of staff recruited	Reports from the divisional delegation of MINPROFF
	2) The Delegation is constructed and equipped.	-Infrastructure -Number of staff -Inventory of assets	Reports from the divisional delegation of MINPROFF	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for MINPROFF -Presentation of Land certificate -Number of staff recruited	Reports from the divisional delegation of MINPROFF

3)A Women empowerment centre is created	<ul style="list-style-type: none"> <li>-Decision creating Empowerment centre</li> <li>-Appointment decision of Director of empowerment centre</li> </ul>	<ul style="list-style-type: none"> <li>-Reports from divisional MINPROFF</li> <li>-Supervision reports</li> </ul>	<ul style="list-style-type: none"> <li>-Availability of funds</li> <li>-Availability of land</li> <li>-Availability of trainers</li> <li>-Willingness of women to be trained</li> </ul>	<ul style="list-style-type: none"> <li>-Increase in public funds for MINPROFF</li> <li>-Presentation of Land certificate</li> <li>-Number of trainers recruited</li> </ul>	<ul style="list-style-type: none"> <li>- Reports from the divisional delegation of MINPROFF</li> <li>- Report from Land Tenure</li> </ul>
4) A Women empowerment centre is constructed and equipped.	<ul style="list-style-type: none"> <li>-Infrastructure</li> <li>-Number of staff</li> <li>-Inventory of assets</li> </ul>	Reports from the divisional delegation of MINPROFF	<ul style="list-style-type: none"> <li>-Availability of funds</li> <li>-Availability of land</li> <li>-Availability of staff</li> </ul>	<ul style="list-style-type: none"> <li>-Increase in public funds for MINPROFF</li> <li>-Presentation of Land certificate</li> <li>-Number of staff recruited</li> </ul>	Reports from the divisional delegation of MINPROFF
5) Traditional council is trained Training of Village on gender issues related to family welfare and follow-up on resolutions	<ul style="list-style-type: none"> <li>-Training reports</li> <li>-At least 17 trained village traditional councils</li> </ul>	Reports from the divisional delegation of MINPROFF	<ul style="list-style-type: none"> <li>-Availability of funds</li> <li>-Availability of training facilitators</li> </ul>	<ul style="list-style-type: none"> <li>-Number of field staff</li> <li>-Inventory of training materials/equipment</li> <li>-Increase in PIB for MINPROFF</li> <li>-Willingness of Village Traditional Councils</li> </ul>	Reports from the divisional delegation of MINPROFF

	6) Organisation of out-reach sensitization/empowerment programmes (family planning, HIV/AIDS, violence, legalisation of marriages etc)	At least 02 per year	Reports from the divisional delegation of MINPROFF	-Availability of funds -Availability of training facilitators	-Number of field staff -Inventory of empowerment materials/equipment -Increase in PIB for MINPROFF -Willingness of Village Traditional Councils	Reports from the divisional delegation of MINPROFF
	7)Provision of micro-grants to capacitated women/women groups to enable self-sustainability	-Number of grants awarded -Number of grant beneficiaries -Increase number of women owning land certificates	Reports from the divisional delegation of MINPROFF	-Availability of funds	-Number of donors	- Reports from the divisional delegation of MINPROFF -Report of women's empowerment centre
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	
1.1 Lobby and follow-up for the creation of Sub-Divisional Delegation of MINPROFF					800.000	
2.1 Lobby for the construction/Equipment of Sub-Divisional Delegation of MINPROFF					500.000	
2. 2 Tendering for feasibility studies					450.000	
2.3 Feasibility studies proper					1.000.000	
2.4 Follow up of project					500.000	
2.5 Construction and equipment of Sub-Divisional Delegation of MINPROFF					20.000.000	
3.1 Lobby and follow-up for the creation of Women's Empowerment Centre					800.000	
4.1 Lobby for the construction of Women's Empowerment Centre					500.000	
4.2 Tendering for feasibility studies					450.000	
4.3 Feasibility studies proper					1.000.000	



4.4 Follow up of project	500.000
4.5 Construction and equipment of Women's Empowerment Centre	25.000.000
5.1 Training of Village Traditional Councils	2.000.000
6.1 Out-reach Sensitization/Empowerment campaigns	2.000.000
7.1 Micro-grants and follow-up	10.000.000

### Sector: Posts and Telecommunications

Strategy:		Indicator by level of strategy & source of verification		Assumptions	Indicators of Assumptions and sources of verification	
Level	Formulation	Indicators	Source of verification		Indicators	Source of verification
Vision, Goal, Global Objective	Improve access to MINPOST services in Furu-Awa Municipality by at least 50% by the year 2020	Percentage increase in the number of telephone network companies and mail services covering Furu-Awa Municipality	Reports from the delegation of Post and Tele-Communication	-Availability of funds -Availability of expertise	Increment in the public investment budget of the MINPOST	Report from the delegation of Post and Tele-communication
Specific objective	1.To ensure Telephone network coverage in the Furu-Awa Municipality 2. To ensure an effective mail services in the Furu-Awa municipality. 3. To ensure extensive optic fibre coverage services in the Furu-Awa municipality	-At least 01 government and 01 private telephone network antennae are installed  -At least 03 postal service offices are created -At least for Furu-Awa town	Reports from the delegation of Post and Tele-Communication	-Availability of funds -Availability of expertise	Increment in the public investment budget of the MINPOST	Report from the delegation of Post and Tele-communication
Results	1) Creation of a Sub	-Decision creating Sub	Reports from the	Availability	Increment in the	Report from the

(Strategic axes)	Divisional Delegation of Post and Tele-Communication	Divisional delegation -Appointment decision of a Sub Divisional Delegate	delegation of Post and Tele-Communication	of funds and expertise	public investment budget of the ministry of Post and tel-communication	delegation of Post and Tele-communication
	2) Construction and equipment of Sub Divisional Delegation of MINPOST	-Infrastructure -At least 04 staff -Inventory of assets	Reports from the divisional delegation of MINPOST	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for MINPOST -Presentation of Land certificate -Number of staff recruited	Reports from the divisional delegation of MINPOST
	3) Completion, equipment and handing over of Tele-Centre in Furu-Awa	-01 tele-centre is completed -At least 02 staff	Reports from the delegation of Post and Tele-Communication	-Availability of funds -Availability of staff	Increment in the public investment budget of MINPOST	Report from the delegation of MINPOST
	4) Installation of mobile telephone network antennae transmitters	-Erected antennae -Network access and easy communication	Reports from the delegation of Post and Tele-Communication	Availability of funds and expertise	Increment in the public investment budget of the MINPOST	Report from the delegation of MINPOST
	5) Creation and equipment of mail services in Furu-Awa	-Decision creating postal services -At least 03 is created -At least 6 staff employed	Reports from the delegation of Post and Tele-Communication	Availability of funds	Increment in the public investment budget of MINPOST	Report from the delegation of Post and Tele
	6) Extension of optic fibres in the municipality	At least for Furu-Awa Town	Reports from the delegation of Post and Tele-Communication	Availability of funds and expertise	Increment in the public investment budget of the ministry of Post and tel-communication	Report from the delegation of Post and Tele
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	

1.1	Lobby and follow-up for the creation of Sub Divisional delegation of MINPOST	800.000
2.1	Lobby for the construction/Equipment of Sub-Divisional Delegation of MINPOST	500.000
2.2	Tendering for feasibility studies	450.000
2.3	Feasibility studies proper	1.000.000
2.4	Follow up of project	500.000
2.5	Construction and equipment of Sub-Divisional Delegation of MINPOST	20.000.000
3.1	Lobbying and follow-up for the completion/Equipment of Furu-Awa tele-centre	800.000
3.2	Completion of tele-centre	12.000.000
4.1)	Lobby for the installation of telephone network	1.000.000
4.2)	Feasibility studies	500.000
4.3)	Tendering for feasibility studies	500.000
4.4)	Installation proper	10.000.000
5.1)	Lobby for the creation of mail services	500.000
5.2)	Feasibility studies	500.000
5.3)	Tendering for feasibility studies	500.000
5.4)	Creation proper and equipment of mail services	15.000.000
6.1)	Lobby for the installation of optic fibres	1.000.000
6.2)	Feasibility studies	1.000.000
6.3)	Tendering for feasibility studies	500.000
6.4)	Installation proper and equipment	20.000.000

**Sector: Communication**

Strategy:		Indicator by level of strategy & source of verification		Assumptions	Indicators of Assumptions and sources of verification	
Level	Formulation	Indicators	Source of verification		Indicators	Source of verification

Vision, Goal, Global Objective	Improve access to communication services and facilities in Furu-Awa council area	-Increase in number of radio and TV channels received -Creation of a community radio -Increased decentralisation of public communiqués -Increased media coverage of municipal events	Reports from the divisional delegation of MINCOM	-Available funds -Available journalist in field -Available transmitting satellite antennas of suitable wavelengths	-Increase PIB for MINCOM -Number of field journalists -Number of satellite antennas	Report from the divisional delegation MINCOM
Specific objective	To ensure proper communication especially on public issues and municipal events through media coverage and broadcast within Furu-Awa municipality	-Number of municipal events covered by media -Number of radio and TV channels received -Number of newspaper posts	Reports from the divisional delegation of MINCOM	-Availability of Media organs -Regular media captivating events -Information curios community	-Number of media organs - Number of events/audiences granted - Increase in the PIB MINCOM -Number of persons in community with radios, TV or other information channels	Report from the divisional delegation MINCOM
Results (Strategic axes)	1)Creation of a Sub Divisional Delegation for MINCOM in Furu-Awa municipality	-Decision creating Sub Divisional delegation -Appointment decision of a Sub Divisional Delegate	Reports from Divisional service of MINCOM	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for MINCOM -Presentation of Land certificate -Number of staff recruited	Reports from the divisional delegation of MINCOM
	2) Construction /Equipment of Sub Divisional Delegation of MINCOM	-Infrastructure -At least 04 staff -Inventory of assets	Reports from the divisional delegation of MINCOM	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for MINCOM -Presentation of Land certificate -Number of staff recruited	Reports from the divisional delegation of MINCOM

	3)Creation of a Community radio service	-Decision creating Community radio -Recruitment of staff	-Reports from divisional delegation of MINCOM -Supervision reports	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for MINCOM -Presentation of Land certificate -Number of staff	-Reports from Divisional service MINCOM
	4) Construction /Equipment of community radio	-Infrastructure -At least 02 staff -Inventory of assets	Reports from the divisional delegation of MINCOM	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for MINCOM -Presentation of Land certificate -Number of staff recruited	Reports from the divisional delegation of MINCOM
	5)Provision of Subsidies and tax exoneration on local private media operators	-Number of Subsidies -Number of subsidy beneficiaries	Reports from divisional delegation of MINCOM	-Availability of funds	-Number of donors	-Report from the divisional delegation MINCOM
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	
1.1 Lobby and follow-up for the creation of Sub-Divisional Delegation of MINCOM					800.000	
2.1 Lobby for the construction of Sub-Divisional Delegation of MINCOM					500.000	
2.2 Tendering for feasibility studies					450.000	
2.3 Feasibility studies proper					1.000.000	
2.4 Follow up of project					500.000	
2.5 Construction and equipment of Sub-Divisional Delegation of MINCOM					20.000.000	
3.1 Lobby and follow-up for the creation of Community radio					500.000	
4.1 Lobby for the construction/equipment of Community radio					500.000	
4.2 Tendering for feasibility studies					450.000	
4.3 Feasibility studies proper					1.000.000	
4.4 Follow up of project					500.000	
4.5 Construction and equipment of community radio					25.000.000	
5.1Provision of subsidies to local media operators					5.000.000	

### Sector: Urban Development and Housing

Strategy:		Indicator by level of strategy & source of verification		Assumptions	Indicators of Assumptions and sources of verification	
Level	Formulation	Indicators	Source of verification		Indicators	Source of verification
Vision, Goal, Global Objective	Improve on the provision of Urban development and housing services in Furu-Awa council area by 2020	Increased town planning-related actions	- Reports from the divisional Town planning -Mayor's report -Dos' report	-Available funds -Available experts	-Increase in PIB for Urban Development -Number of field staff	- Reports from the divisional Urban development -Mayor's report
Specific objective	To ensure proper respect of house construction norms and ameliorate housing conditions within Furu-Awa municipality	-Number of houses constructed with approved plans	- Reports from the divisional Urban Development -Mayor's report -Dos' report	-Availability of field experts -Availability of funds	-Increase in PIB for town planning -Number of field staff - Increase in the PIB for Town planning	- Reports from the divisional delegation of Urban development -Mayor's report
	To ensure the respect of town planning norms	Lay out of Furu Awa town is established	- Reports from the divisional Urban Development -Mayor's report -Dos' report	-Availability of field experts -Availability of funds	-Increase in PIB for town planning -Number of field staff - Increase in the PIB for Town planning	- Reports from the divisional delegation of Urban development -Mayor's report
	To ensure the creation and maintenance of urban streets in Furu Awa	More streets in Furu Awa Town are created and maintained	- Reports from the divisional Urban Development -Mayor's report -Dos' report	-Availability of field experts -Availability of funds	-Increase in PIB for town planning -Number of field staff - Increase in the PIB for Town planning	- Reports from the divisional delegation of Urban development -Mayor's report
Results (Strategic)	1)Creation of a Sub Divisional	-Decision creating Sub	- Reports from the divisional Urban	-Availability of funds	-Increase in public funds for ministry	- Reports from the divisional Urban

axes)	Delegation for Urban development in Furu-Awa municipality	Divisional delegation -Appointment decision of a Sub Divisional Delegate	Development -Mayor's report	-Availability of land -Availability of staff	of Urban development -Presentation of Land certificate -Number of staff recruited	Development -Mayor's report -Reports from Land Tenure
	2) Construction and equipment of Sub Divisional Delegation of Urban Development	-Infrastructure -Number of staff -Inventory of assets	Reports from the divisional delegation of Urban Development	-Availability of funds -Availability of land -Availability of staff	-Increase in public funds for Urban development -Presentation of Land certificate -Number of staff recruited	-Reports from the divisional delegation of Urban development -Report from Land Tenure
	3)Partitioning of urban space into accessible blocks and plots	-Number of created streets -Number of blocks created -Number of plots created	- Reports from the divisional Urban Development -Mayor's report	-Availability of funds -Availability of Urban space -Availability of staff	-Increase in public funds for Urban development -Number of staff	- Reports from the divisional Urban Development -Mayor's report
	4) Lay out of Furu Awa Town is Established	Presence of a well design lay out	- Reports from the divisional Urban Development -Mayor's report	-Availability of funds -Availability of Urban space -Availability of staff	-Increase in public funds for Urban development -Number of staff	- Reports from the divisional Urban Development -Mayor's report
	5)Mapping-out of risk zones (swamps, flood plains, landslides, rock falls)	-Map of identified risk zones -A master plan for Furu Awa is developed	- Reports from the divisional Urban Development -Mayor's report	-Availability of funds -Availability of staff	-Increase in public funds for Urban development -Number of staff	- Reports from the divisional Urban Development -Mayor's report
<b>Activities as per expected results</b>					<b>Estimated budgets</b>	

1.1 Lobby and follow-up for the creation of Sub-Divisional Delegation of Urban Development	800.000
2.1 Lobby for the construction of Sub-Divisional Delegation of Urban Development	500.000
2.2 Tendering for feasibility studies	450.000
2.3 Feasibility studies proper	1.000.000
2.4 Follow up of project	500.000
2.5 Construction and equipment of Sub-Divisional Delegation of Urban development	20.000.000
3.1 Partitioning of urban space	10.000.000
3.2 Lobby for the ppartitioning of urban space	500.000
3. 3 Tendering for feasibility studies	450.000
3.4 Feasibility studies proper	1.000.000
3.5 Follow up of project	500.000
4.1 Mapping of risk zones	3.000.000
4.2 Feasibility Studies	1.000.000
5.3 Establishing of Master Plan for the Municipality	25,000,000

**Sector: Livestock, Fisheries and Animal Husbandry**

Strategy		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification
Vision, Goal, Global Objective	Increase and improve on livestock activities so as to increase animal out-put (income level) and ensure sustainability within Furu Awa Council area	% increase in number of farmers involved in livestock activities % increase in number of veterinary and zoo-technical centres with all of	Activity report of the Sub Delegation of Livestock Fisheries and Animal Industry	Able livestock farmers ready to adapt on modern methods of rearing	Number of farmers using modern methods of animal rearing	Records from the delegation of livestock



		them well staffed				
Specific objectives	1) Improve on the quality of animal and fishery production within Furu-Awa Council	% increase in quality and quantity of animal and fishery products in the market and affordable by local population	-Report from the Sub Divisional Delegation of Livestock -Quality control report from the Council and Divisional delegation of Livestock	Able livestock farmers ready to adapt on modern methods of rearing	Number of farmers using modern methods of animal rearing	Records from the delegation of livestock
	2) To improve on the quantity Fish production in Furu-Awa	Increase in number of fish farmers -A projection of at least 10 active fish farmers with at least 3 doing intensive fish culture using modern techniques	Report of sub Delegation of livestock fisheries and animal industry	Fish farmers are trained on fish rearing techniques	Increase number of farmers using modern techniques of fish cultivation	Reports from the divisional delegation of livestock
	3) To develop animal industries and improve on marketing of livestock products	At least a slaughter house, a sales slab and a fish store are constructed -A cattle market is created	Field visits and pictures	-Availability of funds -Availability of land	-Increase in public budget in this ministry -Increase in council budget	Mayor's reports and reports from the delegation of livestock and animal industries

	4) The services of livestock, fisheries and animal industries sector in Furu-Awa are constructed, equipped and adequately staffed	02 Veterinary posts are constructed in Furu-Awa	Field visits -Pictures -Reports from the Divisional delegation of Livestock and Council	-Availability of funds -Availability of land	-Increase in public budget in this ministry -Increase in council budget	Mayor's reports and reports from the delegation of livestock and animal industries
Results (Strategic axes)	1) Municipal dips for animal and also Paddocks are constructed	02 dips are constructed (01 for large animals and 01 for small ruminants) by 2020	Mayors report -field visits	-Availability of funds -Availability of land	-Increase in public budget in this ministry -Increase in council budget	Mayor's reports and reports from the delegation of livestock and animal industries
	2) Livestock farmers are trained on modern methods of rearing animals	Increased number of livestock farmers using modern methods of animal rearing -All Cattles are often vaccinated	Report from sub divisional delegation	-Availability of funds	-Increase in public budget in this ministry -Increase in council budget	Mayor's reports and reports from the delegation of livestock and animal industries
	3) Quantity of fish produced is increased	Increase in number of fish farmers -A projection of at least 10 active fish farmers	Report of sub Delegation of livestock fisheries and animal industry	Fish farmers are trained on fish rearing techniques	Increase number of farmers using modern techniques of fish cultivation	Reports from the divisional delegation of livestock
	4) Animal industries in the municipality developed	At least 01 slaughter house ('abattoir') is constructed in Furu-Awa	Field visits and pictures	-Availability of funds -Availability of land	-Increase in public budget in this ministry -Increase in council budget	Mayor's reports and reports from the delegation of livestock and animal industries

	5) Marketing facilities and infrastructure for livestock products improved	- At least 1 standard sales slab and 1 fish store are constructed - At least one cattle market is created	Field visits -Pictures -Reports from the Divisional Delegation of Livestock, Trade and Council	-Availability of funds -Availability of land	-Increase in public budget in this ministry -Increase in council budget	Mayor's reports and reports from the delegation of livestock and animal industries
	6) Veterinary posts are constructed in Furu-Awa	- At least 02 veterinary posts are constructed in Furu-Awa - Animal control points are established in the Municipality	Field visits -Pictures -Reports from the Divisional delegation of Livestock and Council	-Availability of funds -Availability of land	-Increase in public budget in this ministry -Increase in council budget	Mayor's reports and reports from the delegation of livestock and animal industries
<b>Activities with respect to the different Results</b>					<b>Estimated Amounts</b>	
1.1. Construction of 5 paddocks					5,000,000	
1.2. Construct 1 cattle dip					35,000,000	
1.3. 1 Dip for small ruminants are constructed					15,000,000	
2.1. Assess the livestock production needs of the livestock producers in the municipality					5,000,000	
2.2. Intensify use of improved and adapted breeds for increased livestock production through subvention					3,000,000	
2.3. Lobby for the recruitment of more livestock extension workers					100,000	
2.4. Tendering cost					2,250,000	
2.5. Supervision cost					2,000,000	
2.6. Build capacity of farmers on fish pond construction and fish farming (a projection of about 10 active fish farmers)					500000	
2.7. Facilitate access to fingerlings					20,000	
3.1. Provide adequate technical support					100,000	
4.1. Assess development needs of the animal products industries in Furu-awa municipality					1,000,000	
4.2. Construct a new slaughter slab					15,000,000	
4.3. Carry out feasibility studies in the municipality					5,000,000	
4.4. Promote economic operators to set up animal industries					1,000,000	

5.1. construct a new livestock market	20,000,000
5.2. Carry out feasibility studies	7,000,000
5.3. Tender cost	900,000
5.4. Supervision cost	5,000,000
6.1. Construction and equipment of 2 veterinary posts	40,000,000
6.2. Lobby for the recruitment of more livestock, fisheries and animal staff in the municipality	500,000
6.3. Carry out feasibility studies	10,000,000
6.4. Tender cost	900,000
6.5. Supervision cost	6,000,000

### Sector: Transport

Strategy: to organize transportation and provide a safe, secured and comfortable means of transport to the public.		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification
Vision, Goal, Global Objective	Improve on the organisation of the transport sector and provide a safe, secured and comfortable means of transportation to the people of Furu-Awa council area	-Increased number of road safety trips per year -All drivers/riders are well trained and awarded drivers licence	Report from the Divisional delegation of Transport and that from the SDO	-Availability of funds	-Increased public budget in the ministry of Transport -Increase budget of the council	- Reports from the Divisional Delegation of Transport -Reports of the Mayor

Specific objective	1) Transport infrastructure, facilities and services in Furu-Awa are improved	-Increased number of road safety trips per year -All drivers/riders are well trained and given drivers licence	Report from the Divisional delegation of Transport and that from the SDO -Reports from the council	-Availability of funds -availability of land	-Increased public budget in the ministry of Transport -Increase budget of the council	- Reports from the Divisional Delegation of Sports -Reports of the Mayor
	2) To ensure the security of passengers and transporters	- At least 03 road safety trips are carried out a year - Constant patrol of forces of law and order	Reports from the SDO and Divisional Delegation of transport	The ministry of transport has given the right for more that 05 road safety campaigns a year	Ministerial order lunching road safety campaigns	Report of the Divisional Delegation of Transport and that of the SDO
	1)Grading of 05 major roads within the municipality	02 major roads within the municipality are graded and made accessible	Report from the Divisional delegation of Transport and Commerce -Reports from the council	-Availability of funds	-Increased public budget in the ministry of Transport -Increase budget of the council	- Reports from the Divisional Delegation of Transport -Reports of the Mayor
	2) Fuel filling stations are created	At least 02 fuel filling stations are created in Furu-Awa municipality	Report from the Divisional delegation of Transport and Commerce -Reports from the council	-Availability of funds	-Increased public budget in the ministry of Transport -Increase budget of the council	- Reports from the Divisional Delegation of Transport -Reports of the Mayor
	3) Creation of motor/bike park	At least 04 motor parks are created (each in a village having a market)	Report from the Divisional delegation of Transport and	-Availability of funds -Availability of land	-Increased public budget in the ministry of Transport	- Reports from the Divisional Delegation of Transport

			Commerce -Reports from the council		-Increase budget of the council	-Reports of the Mayor
	4) Road safety trips are often carried out	At least 03 road safety trips are carried out a year	Reports from the SDO and Divisional Delegation of transport	The ministry of transport has given the right for more that 05 road safety campaigns a year	Ministerial order lunched road safety campaigns	Report of the Divisional Delegation of Transport and that of the SDO
<b>Activities with respect to the different Results</b>					<b>Estimated Amounts</b>	
2.1. Lobby for the creation of 02 fuel filling stations					1,000,000	
3.1. Lobby for the creation of 03 motor parks					500,000	
3.2. Carry out feasibility studies					10,000,000	
3.3. Provide basic public facilities in parks					20,000,000	
3.4. Lobby for funding and partnerships					500,000	
3.5. Facilitate access to the acquisition of permit from economic operators					1,000,000	
3.6. Encourage the organisation of the transporters' association					200,000	
3.7. Organise sensitisation campaigns on the subject matter and sanction defaulters					3600000	
3.3. At least 3 road safety trips are organized (especially surprising ones) yearly					5,000,000	

**Sector: Trade**

Strategy		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification

Vision, Goal, Global Objective	Improve on the system of commercialisation, marketing, and effectively ensure the protection of consumers and producers in Furu-Awa council area by 2035	Sales invoices issued for every article that is bought and all the business men registered with the council	Reports from the council and Divisional Delegate of trade	All the traders respect all the commercial laws -Availability of funds	Increase in Council investment budget	Reports from the Council
Specific objective	1) Improve on the development of the commercial sector within Furu-Awa	More markets (4) and one stop shop (or Whole sale shops) are created	Reports from Delegation and Council	Availability of funds	Increase in Council investment budget	Reports from the Council
	2) To create and construct Markets(With sheds, a fence and a nursery in each)	At least 75 sheds in 04 markets are constructed	Reports from DD of Trade and Council	Availability of funds	Increase in investment budget of the Council and that of the sector of trade	Report from Council and that of DD of Trade
Results (Strategic axes)	1) Business registration procedures within Furu-Awa are facilitated	Registration procedures facilitated	Field reports and feed back from business people -Report from Council	Availability of experts to direct business men on registration procedures	Increased number of trade experts present in the field	Report from Divisional Delegate of Trade
	2) Effective price control is carried out within the municipality	At least 3 price control checks are carried out yearly.	Reports from the council	-Availability of price control committee -Availability of funds	Increase council budget	Reports from the council
	3)Creation and construction of markets	At least 04 markets are created and constructed	Reports from DD of Trade and Council	Availability of funds	Increase in investment budget of the Council and	Report from Council and that of DD of

			Council -Pictures and field visits		that of the sector of trade	Trade

<b>Activities with respect to the different Results</b>	<b>Estimated Amounts</b>
1.1. Set up one stop shop business registration centre in the municipality	2,000,000
1.2. Build partnerships and collaboration with related services	0
2.1. Frequent price control checks (about 2 per year)	300,000
3.1. Lobby for the creation of 04 markets	500,000
3.2. Construction of 04 markets	80,000,000
3.3. Construction of 75 market sheds	187,500,000
3.4. construction of toilets	10,000,000
3.5. Construction of 2 urinary	900,000
3.6. Create and construct 4 warehouses	70,000,000
3.7. Construction of 02 Livestock sections	10,000,000
3.8. Construction of 04 Nurseries	100,000,000
3.9. Creation of 01 Slaughter House at Furu awa village	3,000,000
3.10. Carry out feasibility studies	122,550,000
3.11. Build partnerships and lobby for funding	10,000,000
3.12. Lobby for the recruitment of business administrative staff within the municipality	1,000,000

### **Sector: Higher Education**

<b>Strategy</b>		<b>Indicator by level of strategy &amp; source of verification</b>		<b>Indicators of Assumptions and source of verification</b>		
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal,	Improve access to quality higher	% increase in number of students studying in	Field reports	Availability of funds	Increased investment budget	Report from Council and



Global Objective	education in the Furu-Awa Council area.	higher educational institutes within the municipality		-availability of land	of Council and that from the ministry	from ministry of higher Education
Specific objective	1) To create a higher institution in Furu-Awa Council municipality	-01 professional higher institution created	-Field reports, -Pictures -Ministerial order creating higher institution	-Availability of land -Availability of funds	Presentation of land certificates -Increased public investment budget in the ministry of higher education	Report from the ministry of Higher Education
Results (Strategic axes)	1) Professional higher education institutions are created, constructed and appropriately staffed	01 professional higher institutions created and constructed	Decrees creating higher institutions Reports of supervision and decision posting teachers to institutions	-Availability of land -Availability of funds	Presentation of land certificates -Increased public investment budget in the ministry of higher education	Report from the ministry of Higher Education
<b>Activities with respect to the different Results</b>					<b>Estimated Amounts</b>	
1.1. Lobby for the creation of professional higher institution in Furu-Awa municipality					900,000	
1.2. Carry out feasibility studies					9,000,000	
1.3. Construction of 01 professional higher institution					90,000,000	
1.4. Lobby for the recruitment of qualified staff for higher institution					500,000	

### Sector : Agriculture

<b>Strategy:</b> To educate and train farmers so as to ensure food security in Cameroon.		<b>Indicator by source of strategy and source of verification</b>		<b>Assumptions</b>	<b>Indicators of assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>		<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Increase production, productivity and improve on the value of products	Average quantity of food produced by farmers within the municipality is	Report from CAPs Reports from Delegations of Agriculture	All farmers are willing to accept modern techniques of farming and to	Increased number of farmers using modern	Divisional and sub Divisional Delegation of agriculture

	exported from the municipality to ensure food security and improve on the economy of Furu Awa by 2035	improved upon		participate in rural development activities	techniques of farming	
Specific Objective	1) Increase and sustain production and improve on rural development activities	Average number of farmers whose income levels from agriculture and rural development activities have increased	Activity report of the SDDA	All farmers are willing to accept modern techniques of farming and to participate in rural development activities	Increased number of farmers using modern techniques of farming	Divisional and sub Divisional Delegation of agriculture
Specific objective	2)To build the capacity of farmers on post harvest and farm management technology and to ensure the acquisition of post harvest management equipments	At least 80% of farmers are able to process and preserve their products	Farmers record, Report SDDA	Farmers willing and available to attend seminars on post harvest technology	At least 3 seminars on post harvest technology are organized per year	Activity report of the SDDA
Specific objective	3) To construct the service of Agriculture in Furu-Awa and create farm to market roads	At least 02 agric posts are created and constructed in Furu-Awa -01 phyto brigades are created	Field Visits, Annual Report of SDDA	There is available land for construction	03 sites are acquired	Divisional delegation of agriculture
Results (Strategic Axes) Results	1) Agricultural productivity in the municipality is improved	Average yield per unit area of each farmer is increased	Annual Report	Available extension workers ready to train farmers on modern methods of	An increase in the number of extension workers	Divisional and sub Divisional Delegation of agriculture

Results Results				farming	available in the field	
	2) Marketing facilities for agricultural products improved	% of market out lay for agricultural products is increased upon	Report from Divisional Delegation of Commerce, Furu-Awa council annual report, Reports from field Visits	Availability of funds	Increased in Council investment Budget	Report from the Council
	3) Post harvest technology for agric products in the municipality is improved	At least 80% of farmers are able to process and preserve their products	Farmers record, Report SDDA	Farmers willing and available to attend seminars on post harvest technology	At least 3 seminars on post harvest technology are organized per year	Activity report of the SDDA
	4) Improve on farm management and record keeping techniques	At least 70% of the farmers keep good farm records by the year 2014	SDDA Report and Farmers' reports	Farmers willing and available to attend training sessions on farm management and record keeping techniques	At least 06 training sessions are organized within two years	Activity report of the SDDA
	5) The services of agriculture and rural development in the municipality are constructed and equipped and adequately staffed	At least 02 structures (agric posts) are constructed and equipped	Field Visits, Annual Report of SDDA and reports from the Council	There is available land for construction	03 sites are acquired	Divisional Delegation of agriculture
	6) Farm to market roads are created on and maintained	At least 17 farm to market roads in the 17 villages are created	Field Visits, Annual Report of SDDA and reports from the Council	Availability of funds	Increased in both Council MINADER investment	Report from Council and DDA

	7) Sensitization of farmers and introduction of bee farming	At least 05 bee farms are established	Field Visits, Annual Report of SDDA and reports from the Council	Availability of funds	budget Increased in both Council MINADER investment budget	Report from Council and DDA
<b>Activities with respect to the different Results</b>					<b>Estimated Amounts</b>	
1.1.	Subvention of 5000kg of improved maize seedlings				2,000,000	
1.2.	Subvention of 5000 improves plantain suckers				1,500,000	
1.3.	Intensify use of fertilizers (3000 bags)through subvention				60,000,000	
1.4.	Intensify the judicious use of pesticides(5000 Litres) through subvention				32,500,000	
1.5.	Capacity building of farmers in 17 villages on the judicious use of pesticides				850,000	
1.6.	Capacity building of farmers in 17 villages on soil degradation factors and good agricultural practices				850,000	
1.7.	Capacity building of producers in 17 villages on improved farm techniques				850,000	
1.8.	Lobby for the creation of extension services within the municipality				500,000	
2.1.	Organise and construct 04 collection points and rural markets				3,600,000	
2.2.	Set up 04 functional market information systems				16,000,000	
2.3.	Set up 17 road maintenance committees				17,000,000	
2.4.	Feasibility studies				1,700,000	
2.5.	Tendering				450,000	
2.6.	Supervision				7,250,000	
3.1.	Construct 07 community storage infrastructures				63,000,000	
3.2.	Build capacities of producers in 17 villages on storage, processing and handling, and small scale post harvest systems				1,700,000	
3.3.	Feasibility studies				6,300,000	
3.4.	Tendering				450,000	
3.5.	Supervision				6,300,000	
4.1.	Construct and equip the SDDARD				50,000,000	
4.2.	Construct and equip 02 Agric posts				100,000,000	
4.3.	Lobby for the transfer of enough (08)qualified staff to the sub-division				200,000	
4.4.	Feasibility studies				15,000,000	
4.5.	Tendering				1,350,000	

4.6. Supervision	180,000,000
5.1. Organise seminars to train farmers in 17 villages on farm management techniques and record keeping	1,700,000
6.1. Open up new farm to market roads and maintain existing ones in 17 villages	340,000,000
7.1. Sensitization and establishment of at least 05 bee farmers	50,000,000

### Sector: Basic Education

Strategy:		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification
Vision, Goal, Global Objective, Specific objective	Improve access to quality basic education such that in future, children of school age should have good schools to attend in Furu Awa council area by 2020	Increased number of nursery schools equipped and staffed by government	-Report from the inspectorate and the Divisional delegate of Basic Education	Sufficient public funds available	Increase in the investment budget in the ministry of Basic Education	Report from the regional and Divisional delegates of Basic Education
Specific objective	1)To create, construct and equip more nursery schools	At least 8 nursery schools are created	-Report from the inspectorate and the Divisional Delegate of Basic Education	Sufficient public funds available	Increase in the investment budget in the ministry of Basic Education	Report from the regional and Divisional delegates of Basic Education
Specific objective	2)To staff all the schools with qualified teachers	Government recruits and posts 09 teachers to all the primary and nursery schools in Furu-Awa	-Decision posting Teachers to schools, -Assumption of duties	Sufficient public funds available	Increase in the investment budget in the ministry of Basic Education	Report from the regional and Divisional delegates of Basic Education

Specific objective	3) To equip the schools with basic infrastructure and to renovate existing schools	All the schools have enough basic infrastructure for quality education	-School records -Report from the inspectorate of Basic Education -Report from the council	Sufficient public funds available	Increase in the investment budget in the ministry of Basic Education	-Report from the regional and Divisional delegates of Basic Education -Report of the Mayor
Results (Strategic axes)	1) More government nursery schools are created within the municipality	At least 8 Government Nursery schools are created within the municipality	Decision creating schools School records, Delegation reports, Field inspection	Sites (land) are already allocated for the construction of nursery schools	8 land certificates presented	Registry of the divisional delegation of land tenure
Results (Strategic axes)	2) Number of teachers for basic education in Furu-Awa municipality increased	Government recruits and posts 15 teachers to all the primary and nursery schools in Furu-Awa	-Decision posting Teachers to schools, - Assumption of duties	Sufficient public funds available	Increase in the investment budget in the ministry of Basic Education	Report from the regional and Divisional delegates of Basic Education
Results (Strategic axes)	3) All schools have enough basic infrastructure (Playing grounds, classrooms, benches, toilets, HM office) and with old structures renovated and constructed to suit the needs of the disabled	At least <b>16</b> play grounds are created	Receipts, Pro-forma invoices	Sufficient public funds available	Increase in the investment budget in the ministry of Basic Education	-Report from the regional and Divisional delegates of Basic Education -Report of the Mayor
		At least <b>13</b> classrooms are constructed	Delegation reports, Inspection reports			
		At least <b>08</b> libraries are constructed	Delivery reports			
		At least <b>16</b> administrative buildings are constructed				
		At least <b>32</b> toilets				

		are constructed				
		At least <b>1065</b> desks are provided				
		At least <b>11</b> classrooms in <b>06</b> schools are renovated				
		At least all nursery schools receive playing toys and tools				
		- Drinking pales and cups are provided to all P&N schools				
		-At least <b>01</b> computer each are provided to each P\$N Schools				
		-At least <b>111</b> office chairs are provided				
		Purchase of <b>105</b> office tables				
		Purchase of <b>17</b> paper baskets				
		Purchase of <b>17</b> school balls				
		-At least <b>50</b> kids chairs are provided				
		-At least <b>10 kid</b> tables are supplied				
		-At least <b>50</b> black				

		board rulers are provided				
		-At least <b>34</b> cupboards are supplied				
		At least <b>30</b> black boards are provided				
		Purchase of <b>01</b> school band				
		Planting of <b>300</b> trees in all schools				
		At least <b>17</b> first aid boxes are provided				
<b>Activities with respect to the different Results</b>					<b>Estimated Amounts</b>	
1.1.	Lobby for the creation of 08 nursery schools			800,000		
1.2.	Carryout feasibility studies			12,800,000		
2.1	Lobby for the employment of qualified staff for schools			500,000		
3.1.	Construction of 13 classrooms			112,000,000		
3.2.	Renovation of 27 existing classrooms			40,500,000		
3.3.	Construction of 29 modern toilets			29,000,000		
3.4.	construction of 08 libraries			40,000,000		
3.5.	Construction of 16 administrative blocks			480,000,000		
3.6.	Purchase of 17 waste paper basket			17,000		
3.7.	Construction of 16 playgrounds			16,000,000		
3.8.	Purchase of 17 drinking pales and cups			17,000		
3.9.	Purchase of 17 computers per school			5,100,000		
3.10.	Purchase of 30 blackboards			750,000		
3.11.	Purchase of 50 blackboard rulers			125,000		
3.12.	Purchase of 17 first aid boxes			1,700,000		
3.13.	Purchase of 01 school band			500,000		
3.14.	Purchase of 17 school balls			340,000		
3.15.	Purchase of playing toys and tools for kids in 09 nursery schools			45,000		



3.16. Purchase of 1026 desks	25,650,000
3.17. Purchase of 111 office chairs	555,000
3.18. Purchase of 10 kids tables	300,000
3.19. Purchase of 34 cupboards	5,270,000
3.20. Planting Of 300 trees in all the schools	15,000,000

### Sector: Secondary Education

Strategy		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification
Vision, Goal, Global Objective	Improve access to quality secondary education within Furu-Awa (Children of secondary school going age have access to quality secondary education) in Furu Awa council area by 2020	Increased number of school structures constructed and equipped within the Municipality -Increased number of schools approved in the nearest future	Field reports and Activity Report of Divisional Delegation of Secondary Education	Most of the villages have allocated land for the construction of these schools -Availability of funds	Presentation of land certificates - Increased public investment budget	Registry of the Divisional delegation of land tenure -Report from the ministry of Secondary Education
Specific objective	1) To renovate and rehabilitate existing schools in Furu-Awa Municipality	At least 04 classrooms in GSS Furu-awa are renovated	-Field visits -pictures -reports of the Divisional Delegate of secondary education	-Availability of funds	Increased public investment budget of the ministry of Secondary Education and that of the Council	-Report from the Divisional Delegate of Secondary Education and the Council
Specific objective	2) To increase the number of Government Secondary schools and	At least 02 General Education colleges and 02 Technical	-Decision creating schools -School records,	Most of the villages have allocated land	Presentation of land certificates	Registry of the Divisional Delegation of land

	create Government Technical schools in Furu-Awa	colleges are created	-Delegation reports, -Field inspection	for the construction of these schools		tenure
Specific objective	3) To staff secondary schools in Furu-Awa and also construct staff quarters	An increase of at least 20 teachers is observed in GSS Furu-Awa -20 PTA teachers are trained yearly	School records, Delegation Reports -Reports of seminars	Availability of funds	- Increased public investment budget	Report from the ministry of Secondary Education
Specific objective	4) To ameliorate existing basic infrastructure and equip existing schools with basic infrastructure not yet acquired	All secondary schools are equipped with necessary basic infrastructure for quality education	Receipts, Pro-forma invoices -Delegation reports, -Delivery reports	Availability of funds	- Increased public investment budget	Report from the ministry of Secondary Education
Results (strategic axes)	1) School structures are renovated and rehabilitated	- At least 04 classrooms in GSS Furu-awa are renovated - At least 04 classrooms are constructed in GSS Upkwack Akum	Contract award documents, Pictures of completed structures, Supervision reports	Availability of funds	- Increased public investment budget of the Council and that of the ministry of Secondary Education	Report from the Divisional Delegation of Secondary Education and that of the Council
	2) 04 secondary schools are created in Furu-Awa	At least 02 General Education colleges and 02 Technical colleges are created	-Decision creating schools -School records, -Delegation reports, -Field inspection	Most of the villages have allocated land for the construction of these schools	Presentation of land certificates	Registry of the Divisional Delegation of land tenure

3)Both PTA and Government teachers are recruited in Furu-Awa Council area	-At least an addition of 20 teachers are recruited and 20 PTA teachers trained yearly	School records, Delegation Reports -Reports of seminars	Availability of funds	- Increased public investment budget	Report from the ministry of Secondary Education
4)Additional administrative staff are appointed in Furu-Awa council area	At least 20 school officials are appointed	School records, Delegation Reports -Assumption of duties	Availability of funds	- Increased public investment budget	Report from the ministry of Secondary Education
5)Low cost staff quarters are constructed	At least <b>02</b> low cost staff quarters are constructed	Field reports, pictures	Availability of funds	- Increased public investment budget of ministry of Secondary Education and the Council	Report from the ministry of Secondary Education and the Council
6) Existing schools are well equipped with basic infrastructure	- At least <b>250</b> table chairs	Receipts, Pro-forma invoices -Delegation reports, -Delivery reports	Availability of funds	- Increased public investment budget for the Council and that of the Ministry of Secondary Education	Report from the Divisional Delegation of Secondary Education and the Council
	- At least 41 desks				
	- At least <b>200</b> tables				
	- At least <b>02</b> workshops				
	- At least <b>06</b> toilets - At least <b>02</b> home Economics labs are created				
	- At least <b>06</b> administrative blocks				
	At least <b>10</b> sewing				

		<p>machines</p> <p>-At least <b>06</b> photocopier</p> <p>-At least <b>06</b> libraries</p> <p>-At least <b>24</b> classrooms</p> <p>At least <b>02</b> oscillators</p> <p>-At least <b>06</b> computer laboratories with internet</p> <p>-At least <b>06</b> playing grounds</p> <p><b>06</b> pairs of jersey, <b>12</b> football nets, <b>12</b> footballs and <b>12</b> handballs</p> <p>-At least <b>64</b> computers</p> <p>At least <b>12</b> generators are bought</p> <p>-At least <b>06</b> science laboratories</p>				
	7) Water and electricity supplied to the schools in Furu-Awa	<p>-At least <b>06</b> schools are supplied with electrical energy</p> <p>- At least <b>06</b> schools receive portable drinking water</p>	<p>Contract award documents</p> <p>Handing over of project reports, Pictures Field visits, Reports</p>	Availability of funds	- Increased public investment budget	Report from the ministry of Secondary Education
	8) School structures and equipments are adapted	At least all the schools are adapted to	Pictures of structures	Availability of funds	- Increased public	Report from the ministry of

	to suit the needs of children with disabilities	suit the needs of the children with disabilities (Purchase of 10 wheel chairs)			investment budget	Secondary Education
		At least <b>300</b> trees are planted in all the secondary schools	Pictures of structures	Availability of funds	- Increased public investment budget	Report from the ministry of Secondary Education
	9) Schools are assisted by council to acquire land certificates	All schools are having land certificates	Report of the Mayor, DO and DD for secondary education Report of DD for Land Tenure	Availability of Funds	- Increased public investment budget	Report from the ministry of Secondary Education
<b>Activities with respect to the different Results</b>					<b>Estimated Amounts</b>	
1.1.	Renovate and rehabilitate 04 classrooms in GSS Furu-Awa			40,000,000		
1.2.	Carry out feasibility studies			3,000,000		
1.3.	Tender for the project			450,000		
1.4.	Follow up of project			8,000,000		
2.1.	Files for the creation of 02 Secondary grammar and 02 Technical schools			500,000		
2.2.	Tendering			1,800,000		
2.3.	Feasibility studies			4,000,000		
2.4.	Construction of 04 schools			128,000,000		
3.1.	Lobby for the recruitment of qualified staff in schools			500,000		
4.1.	Training of at least 20 PTA staff yearly			4,000,000		
5.1.	Construction of at least 02 low cost staff quarters			40,000,000		
6.1.	Construction of 24 classrooms			192,000,000		
6.2.	Construction of 02 home Economics labs			40,000,000		
6.3.	Construction of 06 administrative blocks			300,000,000		
6.4.	Construction of 06 Science Labs			150,000,000		
6.5.	Construction of 06 workshops			150,000,000		
6.6.	Construction of 06 libraries			180,000,000		

6.7. Construction of 06 improved pit toilets	21,000,000
6.8. Construction of 06 computer labs	300,000,000
6.9. Purchase of 150 benches	182,500
6.10. Purchase of 10 wheel chairs	500,000
6.11. Purchase of 64 computers	16,000,000
6.12. Purchase of 06 photocopiers	6,000,000
6.13. Construction of 06 playing grounds	300,000,000
6.14. Purchase of 12 generators	12,000,000
6.15. Purchase of 02 oscillators	2,000,000
6.16. Purchase of 200 tables	10,000,000
6.17. Purchase of 250 table chairs	6,250,000
6.18. Purchase of 10 sewing machines	5,000,000
6.19. Feasibility study	2,700,000
6.20. Tendering	2,700,000
6.21. Supervision	500,000,000
7.1. Extension of electricity to 06 schools	60,000,000
7.2. Six Schools do receive potable water	90,000,000
7.3. Carry out feasibility studies	2,700,000
7.4. Negotiate with AES SONEL, Water management Committees and CDE	300,000,000
7.5. Follow up execution of works	450,000,000
8.1. Purchase of study materials that could be exploited by disables(Text books for blind, tapes etc)	15,000,000
8.2. Planting of 300 trees in all secondary schools	15,000,000
9.1. Assistance of schools to have land certificates	15,000,000
9.2. Scholarship to deserving students	12,000,000

**Sector: Public Works**

<b>Strategy:</b> to ensure rapid development in terms of construction of roads and buildings, and to provide the population with suitable roads	<b>Indicator by level of strategy &amp; source of verification</b>	<b>Assumptions</b>	<b>Indicators of Assumptions and source of verification</b>
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and accommodation.						
Level	Formulation	Indicators	Source of verification		Indicators	Source of verification
Vision, Goal, Global Objective	Road network in the Furu-Awa council area is improved on by 2035	% improvement in state of roads and % increase in number of roads constructed	Report from the Divisional delegation of Public works -Field reports -pictures	Availability of funds	Increased public investment budget of the ministry of Public works -Increased budget of the council	-Report from the ministry of public works -Financial documents of the Council
Specific objective	1) Rehabilitation of at least 70% of road network by 2020 (including farm to market roads) in Furu-Awa	At least 70% of existing roads in Furu-Awa are rehabilitated	Report from the Divisional Delegation of Public works -Field reports -pictures	Availability of funds	Increased public investment budget of the ministry of Public works -Increased budget of the council	-Report from the ministry of public works -Financial documents of the Council
Specific Objective	2) Creation of New roads	At least new roads are created (Farm to Market roads and roads to some communities that do not have)	Report from the Divisional delegation of Public works -Field reports -pictures	Availability of funds	Increased public investment budget of the ministry of Public works -Increased budget of the council	-Report from the ministry of public works -Financial documents of the Council
Specific Objective	3) To construct roads, bridges and culverts in Furu-Awa Municipality	-At least 8 bridges and 100 culverts are constructed in 17 villages -150 Km of roads is tarred	Report from the Divisional delegation of Public works -Field reports -pictures	Availability of funds	Increased public investment budget of the ministry of Public works -Increased budget of the council	-Report from the ministry of public works -Financial documents of the Council
Results (Strategic axes	1) All the roads in Furu-Awa are repaired /graded	Roads in all the 17 villages of Furu-Awa are opened/graded(farm	Report from the Divisional Delegation of Public works -Field reports	Availability of funds	Increased public investment budget of the ministry of Public works	-Report from the ministry of public works -Financial

		to market roads inclusive)	-pictures		-Increased budget of the council	documents of the Council
	2) Creation of new roads in the Furu-Awa Municipality	At least 13 new roads are created(farm to market roads inclusive)	Report from the Divisional Delegation of Public works -Field reports -pictures	Availability of funds	Increased public investment budget of the ministry of Public works -Increased budget of the council	-Report from the ministry of public works -Financial documents of the Council
	3) Bridges and culverts are constructed in Furu-Awa	-At least 20 bridges and 200 culverts are constructed in 17 villages	Report from the Divisional delegation of Public works -Field reports -pictures	Availability of funds	Increased public investment budget of the ministry of Public works -Increased budget of the council	-Report from the ministry of public works -Financial documents of the Council
	4) All the major roads in the Furu-Awa Municipality are tarred	100 Km of roads is tarred	Report from the Divisional delegation of Public works -Field reports -pictures	Availability of funds	Increased public investment budget of the ministry of Public works -Increased budget of the council	-Report from the ministry of public works -Financial documents of the Council
	5) The road from Wum town to kpep is graded	-At least 35Km of road is graded -Gutters and culverts constructed	Field pictures -Report of mayor of Furu Awa, Mayor of Zhoa council, Report from senior Divisional officer for Menchum, Report of DO for Furu Awa	Availability of funds	Increased public investment budget of the ministry of Public works -Increased investment budget for Furu Awa and Zhoa councils	ministry of public works -Financial documents for both Furu Awa and Zhoa Council
	6) Road is opened from Wum (Abar) to Nkang	At least 20Km of road is opened	Field pictures -Report of mayor of Furu Awa, Mayor of Zhoa council, Report	Availability of funds	Increased public investment budget of the ministry of Public works	ministry of public works -Financial documents for both



			from senior Divisional officer for Menchum, Report of DO for Furu Awa		-Increased investment budget for Furu Awa and Zhoa councils	Furu Awa and Zhoa Council
<b>Activities with respect to the different Results</b>					<b>Estimated Amounts</b>	
1.1.	Repair/grading of all existing roads in 17 villages in Furu-Awa				300,000,000	
1.2.	Creation of at least 13 new roads in Furu-Awa				1,500,000,000	
1.3.	Feasibility studies				5,000,000	
1.4.	Tendering				7,650,000	
1.5.	Supervision				30,000,000	
1.6.	Regular maintenance of roads				170,000,000	
1.7.	Lobby for funding				1,000,000	
1.8.	Tendering process				7,650,000	
1.9.	Follow up execution of works				30,000,000	
2.1.	Construction of New roads in to communities without roads in 17 villages				17,000,000,000	
2.2.	Carry out feasibility studies and assess road infrastructure needs of the various communities				1,000,000,000	
2.3.	Tendering process				7,650,000	
2.4.	Follow up execution of works				1,700,000,000	
2.5.	Identify, train and install road management committees in concerned committees				3,400,000	
3.1.	Construction of 08 bridges				2,000,000,000	
3.2.	Construction of 100 culverts				1,500,000,000	
4.1.	Tarring of roads				5,000,000,000	
4.2.	Carry out feasibility studies on identified roads				50,000,000	
4.3.	Lobby for funding				10,000,000	
4.4.	Tendering process				2,250,000	
4.5.	Follow up execution of works				5,000,000	
5.	Grading of road from Wum town to Kpep (35km)				140,000,000	
6.	Opening of road from Abar to Nkang (20Km)				120,000,000	

### Sector: Water and Energy

<b>Strategy:</b> provide potable water to all communities; identify the needs of extension and provision of grid electricity to localities far from the national electric grid.		<b>Indicator by level of strategy &amp; source of verification</b>			<b>Indicators of Assumptions and source of verification</b>	
<b>Level</b>	<b>Formulation</b>	<b>Indicators</b>	<b>Source of verification</b>	<b>Assumptions</b>	<b>Indicators</b>	<b>Source of verification</b>
Vision, Goal, Global Objective	Create access to electricity and quality portable water in communities of Furu-Awa council area	All 17 villages have electricity and quality water	Reports from the Divisional Delegation of water and Energy -Field reports	Availability of funds	-Increased public budget in the ministry of Water and Energy -Increase budget of the council	- Reports from the Sub Divisional Delegation of Water and Energy -Reports of the Mayor
Specific objective	1) To create new water schemes in all villages in Furu-Awa Municipality	At least 17 new water schemes created	Reports from the Divisional Delegation of Water and Energy -Field reports	Availability of funds	-Increased public budget in the ministry of Water and Energy -Increase budget of the council	- Reports from the Sub Divisional Delegation of Water and Energy -Reports of the Mayor
Specific Objective	2) Provide electricity to all the villages in Furu-Awa Council Municipality	All 17 villages of Furu-Awa Municipality are electrified	Reports from the Divisional Delegation of Water and Energy -Field reports	- Availability of funds	-Increased public budget in the ministry of Water and Energy -Increase budget of the council	- Reports from the Sub Divisional Delegation of Water and Energy -Reports of the Mayor
Results (Strategic axes)	1) New water schemes are constructed	17 new water schemes developed	Reports from the Divisional Delegation of Water and Energy -Field reports	- Availability of funds	-Increased public budget in the ministry of Water and Energy -Increase budget of the council	- Reports from the Sub Divisional Delegation of Water and Energy -Reports of the Mayor

Result	2) Construction and protection of new water catchments	17 water catchments are constructed and protected	Reports from the Council	Availability of funds	-Increase budget of the council	Reports of the Mayor
Results(Strategic axes)	3) Construction of stand taps in Furu-Awa Municipality	At least 93 stand taps are constructed in Furu-Awa	Reports from the Council	Availability of funds	-Increase budget of the council	Reports of the Mayor
Results(Strategic axes)	4) Electricity is installed in all villages in Furu-Awa Municipality	All 17 villages in Furu-Awa Municipality are electrified	Reports from the Divisional Delegation of Water and Energy -Field reports	- Availability of funds	-Increased public budget in the ministry of Water and Energy -Increase budget of the council	- Reports from the Sub Divisional Delegation of Water and Energy -Reports of the Mayor
	Electricity is extended to all quarters in villages in Furu-Awa Municipality	Electricity is extended to all quarters in the 17 villages in Furu-Awa Municipality	Reports from the Divisional Delegation of Water and Energy -Field reports	- Availability of funds	-Increased public budget in the ministry of Water and Energy -Increase budget of the council	- Reports from the Sub Divisional Delegation of Water and Energy -Reports of the Mayor
<b>Activities with respect to the different Results</b>					<b>Estimated Amounts</b>	
1.1. Creation of 17 new water schemes					50,000,000	
2.1. Construction of 17 water catchments					102,000,000	
2.2. Protection of 17 water catchments					17,000,000	
2.3. Construction of 87 stand taps					13,050,000	
2.4. Carry out feasibility studies in various communities					25,500,000	
2.6. Lobby for funding					500,000	
2.7. Tender cost					7,650,000	
2.8. Supervision cost					17,000,000	
2.9. Train 17 water management committees					2,550,000	
3.1. Installation of electricity in 17 villages					850,000,000	
3.2. Extension of electricity to all quarters of all 17 villages					680,000,000	
3.3. Purchase of 500 electric poles					150,000,000	
3.4. Purchase of 17 generators					7,650,000	

3.5. Purchase of 17 transformers	510,000,000
3.6. Lobby	500,000
3.7. Feasibility studies	17,000,000
3.8. Tendering	7,650,000
3.9. Supervision	17,000,000

### Sector: Sports and Physical Education

Strategy		Indicator by level of strategy & source of verification			Indicators of Assumptions and source of verification	
Level	Formulation	Indicators	Source of verification	Assumptions	Indicators	Source of verification
Vision, Goal, Global Objective	Promotion of sporting activities in the municipality to about 80% by the year 2020	Increment in sporting activities	Reports from the delegation of sports and physical education	Availability of funds and experts to trained athletes	Increased investment budget for the Ministry of sports and physical education and the council	Report from the Council and Divisional Delegation of sports and physical education
Specific objective	Increment in sporting activities and improvement of talents of athletes in the Furu-Awa municipality	Increment in sporting activities	Reports from the delegation of sports and physical education	Availability of funds and experts	Increased investment budget for the Ministry of sports and physical education and the council	Report from the Council and Divisional Delegation of sports and physical education
Results (Strategic axes)	1) creation and construction of a municipal stadium in Furu-Awa	At least 01 stadium is constructed in Furu-Awa village	Reports from the delegation of sports and physical education	Availability of funds	Increased investment budget for the Ministry of sports and physical education and the council	Report from the Council and Divisional Delegation of sports and physical education
	2) creation and construction of	At least 16 different	Reports from the	Availability of funds	Increased investment budget for the Ministry of sports and	Report from the Council and

	fields of different category of sports in schools in the municipality	categories of fields for the primary schools and 02 different categories of fields for the secondary schools	delegation of sports and physical education		physical education and the council	Divisional Delegation of sports and physical education
	3) sponsorship of sporting activities in the municipality	Increment in sporting activities	Reports from the delegation of sports and physical education	Availability of funds	Increased investment budget for the Ministry of sports and physical education and the council	Report from the Council and Divisional Delegation of sports and physical education
	4)organisation of sporting competition such as fenasco A and B games	Increment in sporting activities	Reports from the delegation of sports and physical education	Availability of experts	Increased investment budget for the Ministry of sports and physical education and the council	Report from the Council and Divisional Delegation of sports and physical education
	Creation of a sub delegation of sports and physical education	01 sub delegation is created	Decision creating sub delegation	Availability of funds	Increased investment budget for the Ministry of sports and physical education and the council	Report from the Council and Divisional Delegation of sports and physical education
<b>Activities as per expected results`</b>						<b>Estimated budgets</b>
<b>1.1) lobby for the creation of a centres</b>						<b>450.000</b>
<b>1.2) tender for the creation of centres</b>						<b>200.000</b>
<b>1.3) feasibility studies</b>						<b>250.000</b>
<b>1.4) construction proper of centres</b>						<b>20.000.000</b>
<b>1.5) equipment of centres</b>						<b>10.000.000</b>
<b>1.6) reception of centres</b>						<b>200.000</b>

<b>1..7) lobby for the employment of workers in the centres</b>	<b>200.000</b>
<b>2.1) organisation and sponsorship of yearly holiday champions league</b>	<b>5.000.000</b>
<b>3.1) provision of petty job opportunities within the council area</b>	<b>20.000.000</b>
<b>4.1) lobby for experts</b>	<b>500.000</b>
<b>4.2) organisation of workshops, seminars, capacity buildings, psycho talks and trainings</b>	<b>500.000</b>
<b>5.1) lobby for the creation of a sub delegation</b>	<b>450.000</b>
<b>5.2) tender for the creation of delegation</b>	<b>500.000</b>
<b>5.3) feasibility studies</b>	<b>500.000</b>
<b>5.4) construction proper of delegation</b>	<b>25.000.000</b>
<b>5.5) equipment of delegation</b>	<b>50.000.000</b>
<b>5.6) reception of delegation</b>	<b>500.000</b>

### **5.3. Spatial planning of priority infrastructures**

#### **5.3.1. Spatial planning map for priority Infrastructures**

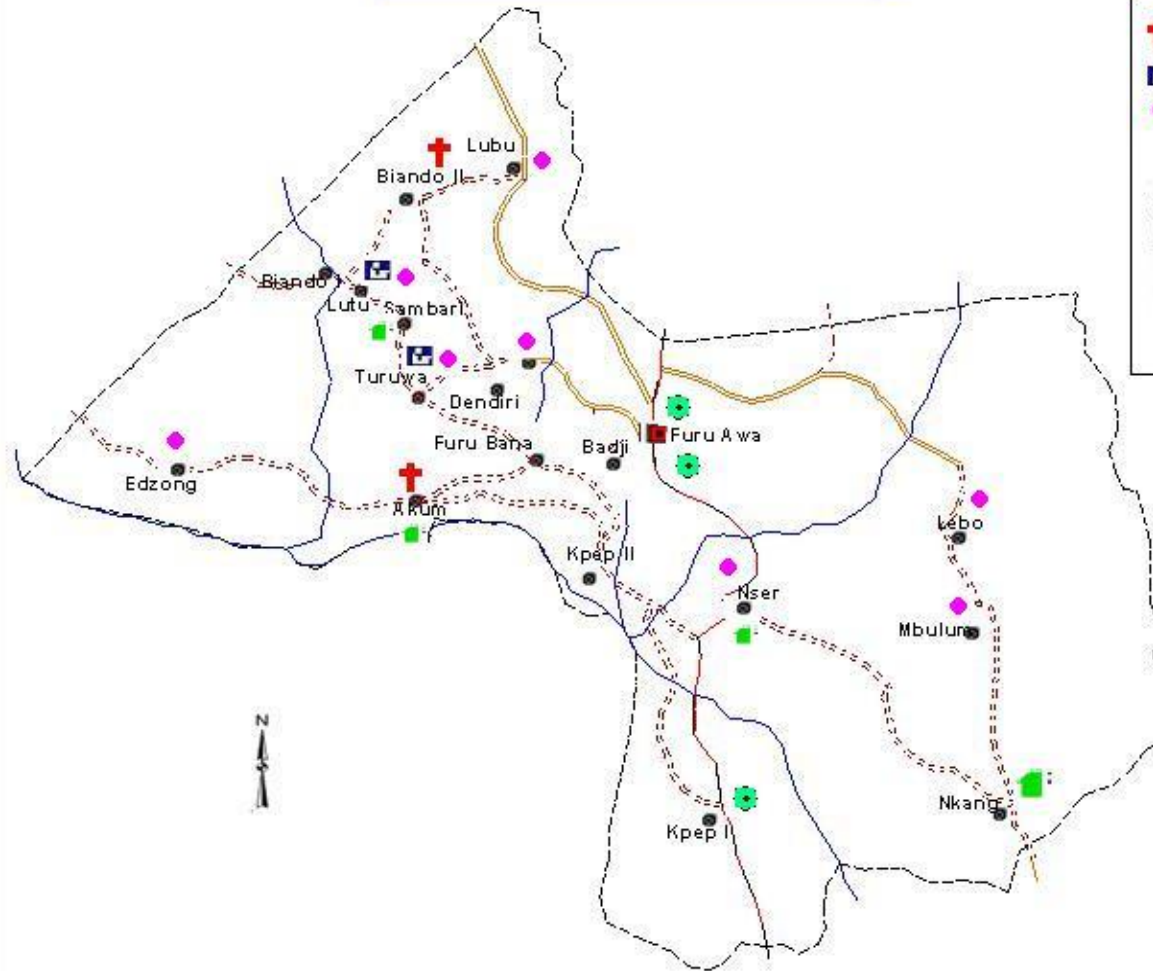
Figure 8 below shows the distribution of the different projects planed for the first three years in Furu Awa Municipality.

This figure shows the different projects planned under the sectors of Health, Water and Schools

# SPATIAL PLANNING MAP



## FURU AWA COUNCIL DEVELOPMENT PLAN



Health Centre	<b>Road Network</b>
classrooms	Divisional
Well	Rural
Gravity water	street/foot path
<b>Head Quarter</b>	<b>Boundary</b>
Subdivisional	Subdivisional
Village	Rivers / Streams



Disclaimer: Boundaries drawn on this map have no legal validity

### 5.3.2. Management of urban space

The Urban space of Furu Awa municipality is used for several activities. The Urban space (Furu Awa Town) has a settlement area, a site for the construction of public services, farm land and a forest area. Though development is a gradual process, Furu Awa Urban area is dominated by forest. This forest is being cut down for construction, farming and for fuel wood. The public services found within the Urban space of Furu Awa include: the sub divisional office, the medicalized health unit, and a gendarmerie post.

### 5.4. Land use plan and management of the council space

Land usage and coverage in the Furu-Awa council area is quite diverse. For future planning, there is the need to better understand the extent of land coverage of the council space and its usage. This will improve future planning when any developmental activities are to be carried out. Table 18 and 19 show land use zoning of the urban space.

Table 18: Land Cover

S/n	Class	Sub Class
1	Built up land	Settlements Schools churches Gardening Rearing of domestic animals and birds
2	Agricultural land	Cultivation of food and cash crops Fallowing
3	Forest	Dense forest Forest plantations Open forest.
4	Grassland	Savannah Dotted forest
5	Others	Degraded land
6	Water Bodies	Springs Rivers Streams

Source: Field survey 2011.

Table 19: Analyzing Land use Zoning

Zone	Characteristic	Actual use	Potentials	Constraints/problems	Accessibility and control
Zone of mixed cropping	Loamy-sandy soil	Maize, groundnuts, egusi, cassava, cocoyam	Open field	Pests and insect attacks -Reduction in fertility -erosion -destructions by wind -Animal destruction	-Inheritance -Negotiations
Forest areas	-Savanah -Mahogany -Iroko	-Zone for wood -Hunting -Timber	Large scale of forest reserve	-Bush fire -Deforestation -Indiscriminate	Free and uncontrolled area



	-Sapele -Okeche -Bashi -Bush Mango	exploitation -farming -Harvesting of medicinal plants		poaching	
Water bodies and rivers	water	-Fishing -Construction -Domestic -Extraction of sand -gardening	Many river are available to serve the population	-Seasonal in nature -pollution -Human activities	Free
Protected area	Natural forest	-Traditional libations	Forest reserve	-It harbors reptiles	Traditional
Mineral Resources	Stones, sand	-Construction	Employment of the population -Exploitation by individuals to better their wellbeing	-Inaccessibility	Free.

Source: Field survey 2011.

Looking at the two tables (table 18 and 19) and also referring to figure 07 (page 25), it shows that land use cover is highly dominated by forest and farm lands that cover about 90% of the land area while 5% each is covered build up land and water bodies.

## 6.0. Operational planning of the CDP

### 6.1 Resource Mobilization

The preparation, implementation and the management of Furu Awa development plan require important resources that must be identified and mobilised. Resource mobilization for Furu Awa council has as aims to; Project authorities and population to mobilise resources for the realisation of projects; Identify and value the various funding sources and to reinforce the capabilities of territorial communities as regards the funding research.

The different sources of income and corresponding amounts that can be available for investment in 2012 for Furu Awa council are shown on the table 18.

**Table 20: Sources of income, amounts and types of projects for 2012 (CDP Budget)**

Sources of income	Amounts for investment	Type of projects
PNDP	278,186,618	Projects in the CDP
Public Investment budget (BIP)	400,000,000	Opening of Furu Awa road and feasibility studies for the bridge over river Katsina Ala
General Allocation for Decentralization (DGD)	5,600,000	Will be use as part of beneficiaries contribution for projects in the CDP
Council Additional Tax (FEICOM)	16,000,000	
Council Collection	800,000	
African Development Bank	10,000,000	Construction of toilets in GS Akum and Health Centre
Ministry of Forestry	5,000,000	Protection of water catchments
Beneficiaries contribution for projects in the CDP	8,622,275	Projects in the CDP
<b>Total</b>	<b>724,208,893</b>	

Source: Planning work shop 2012

From projects in the CDP to be implemented with money from PNDP, beneficiary contribution is 31,022,275FCFA. As shown on the table, the money from DGD, FEICOM and council collection which summed up to 22,400,000 will be used by the council as part of the beneficiaries cost.

### 6.2. Tri annual planning of priority projects (including marginal populations)

During programming, a three years plan for priority intervention areas of Furu Awa council was established with respect to a projection on the different sources of income for the council. The projects selected took in to consideration the priority projects of the municipality.

**Table 21: Triennial plan of the CDP**

Project ( or Micro Project)	Expect Results	Activities	Products and indicators		Actors Involved	Schedule			Resources			Sources of Finance
			Product	Indicator		Y1	Y2	Y3	Human	Material	Financial	
<b>Health</b>												
Construction and equipment of a health center in Akum	A health centre is constructed and equipped in Akum	Feasibility studies are carried out. Resources are mobilized Recruitment of contractor -Construction of building	Start of construction work	Presence of an equipped health centre in Akum	CFC MINSANTE MINEPAT SDO PNDP	X				Sand, stones and timber	50,236,618	PNDP - Community/council contribution
Construction and equipment of a health center in Biando II	A health centre is constructed and equipped in Biando II	Feasibility studies are carried out. Resources are mobilized Recruitment of contractor -Construction of building	Start of construction work	Presence of an equipped health centre in Biando II	CFC MINSANTE SDO			X		Sand, stones and timber	45,000,000	Council collection, community contribution and other investment budgets
Construction of a well with hand pump in Akum health centre	A well with hand pump is constructed in the health centre at AKum	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINEE MINEPAT SDO PNDP	X				Unskilled labour	4,000,000	PNDP - Community/council contribution

Construction of a well with hand pump in Biando II health centre	A well with hand pump is constructed in the health centre at Biando II	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINSANTE SDO			X			Unskilled labour	4,000,000	Council collection, community contribution and other investment budget
<b>Sub total 1</b>												<b>103,236,618</b>	
<b>Water</b>													
Construction of a well with hand pump in GS Turuwa	A well with hand pump is constructed in GS Turuwa	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINEE MINEPAT SDO PNDP	X						4,000,000	PNDP - Community/council contribution
Construction of a well with hand pump in GS Lutu	A well with hand pump is constructed in GS Lutu	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINEE MINEPAT SDO PNDP	X						4,000,000	PNDP Community/council contribution
Construction of a well with hand pump in Nser	A well with hand pump is constructed at Nser	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINEE MINEPAT SDO PNDP	X						4,000,000	PNDP - Community/council contribution

Construction of a well with hand pump in GS Edzong	A well with hand pump is constructed in GS Edzong	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINEE MINEPAT SDO PNDP	X				Unskilled labour	4,000,000	PNDP - Community/council contribution
Construction of a well with hand pump in GS Nangwa	A well with hand pump is constructed in GS Nangwa	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINEE MINEPAT SDO PNDP	X					4,000,000	PNDP - Community/council contribution
Construction of a well with hand pump in GS Lubu	A well with hand pump is constructed in GS Lubu	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINEE MINEPAT SDO PNDP	X					4,000,000	PNDP - Community/council contribution
Construction of a well with hand pump in Lubu village	A well with hand pump is constructed in Lubu Village	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINSANTE SDO		X				4,000,000	Council collection, community contribution and other investment budget
Construction of a well with hand pump in Edzong Village	A well with hand pump is constructed in Edzong Village	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINSANTE SDO		X				4,000,000	Council collection, community contribution and other investment budget

Construction of a well with hand pump in Mbulong village	A well with hand pump is constructed in Mbulong Village	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINSANTE SDO			X			4,000,000	Council collection, community contribution and other investment budget
Construction of a well with hand pump in GS Lebo	A well with hand pump is constructed in GS Lebo	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of construction work for the well	Complete well with hand pump	CFC MINSANTE SDO			X			4,000,000	Council collection, community contribution and other investment budget
Construction of a bore hole in the market to be constructed in Kpep	A bore hole is constructed in the market to be constructed in Kpep	Feasibility studies, Allocation of resources -Recruitment of contractor	-Detailed feasibility studies -Start of construction work for the bore hole	Complete bore hole	CFC MINEE MINEPAT SDO PNDP	X					8.500,000	PNDP - Community/council contribution
Construction of a bore hole in the market to be constructed in Furu Awa	A bore hole is constructed in the market to be constructed in Furu Awa	Feasibility studies, Allocation of resources -Recruitment of contractor	-Detailed feasibility studies -Start of construction work for the bore hole	Complete bore hole	CFC MINEE MINEPAT SDO PNDP	X					8.500,000	PNDP - Community/council contribution

Construction of a bore hole in Furu Awa medicalized health centre	A bore hole is constructed in Furu Awa Medicalized health centre	Feasibility studies, Allocation of resources -Recruitment of contractor	-Detailed feasibility studies -Start of construction	Complete bore hole	CFC MINEE MINEPAT SDO PNDP	X					8.500,000	PNDP - Community/council contribution
Construction of a gravity water scheme in Nkang	A gravity water scheme is constructed in Nkang	Feasibility studies -Contractor selected -Execution of contract	- Best catchment is chosen - Contract is awarded - Work starts	Water scheme is effectively established	CFC MINEE MINEPAT SDO PNDP	X				Sand, stones and timber	50,472,276	PNDP - Community/council contribution
Construction of a gravity water scheme in Nser	A gravity water scheme is constructed in Nser	Feasibility studies -Contractor selected -Execution of contract	- Best catchment is chosen - Contract is awarded - Work starts	Water scheme is effectively established	CFC MINEE SDO		X			Sand, stones and timber	50,000,000	Council collection, community contribution and other investment budget
Construction of a gravity water scheme in Sambari	A gravity water scheme is constructed in Sambari	Feasibility studies -Contractor selected -Execution of contract	- Best catchment is chosen - Contract is awarded - Work starts	Water scheme is effectively established	CFC MINEE SDO		X			Sand, stones and timber	25,000,000	Council collection, community contribution and other investment budget
Construction of a gravity water scheme in Akum	A gravity water scheme is constructed in Akum	Feasibility studies -Contractor selected -Execution of contract	- Best catchment is chosen - Contract is awarded - Work starts	Water scheme is effectively established	CFC MINEE SDO			X		Sand, stones and timber	50,000,000	Council collection, community contribution and other investment budget

<b>Sub Total 2</b>											215,472,276		
<b>Trade</b>													
Construction of a modern market in Kpep	A modern market is constructed in Kpep	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of market is chosen -Work get started	Material for construction is found at the site -Market is constructed	CFC DD trade MINEPAT SDO PNDP	X					Sand, stones and timber	31,000,000	PNDP - Community/council contribution
Construction of a modern market in Furu Awa Town	A modern market is constructed in Furu Awa Town	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of market is chosen -Work get started	Material for construction is found at the site -Market is finally constructed	CFC DD trade MINEPAT SDO PNDP	X					Sand, stones and timber	76,000,000	PNDP - Community/council contribution
Construction of a modern market in Biando I	A modern market is constructed in Biando I	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of market is chosen -Work get started	Material for construction is found at the site -Market is constructed	CFC DD trade SDO			X			Sand, stones and timber	30,000,000	Council collection, community contribution and other investment budget
Construction of a block of 03 toilets in Kpep market	A block of at least 03 toilets is constructed in Kpep Market	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of Toilet is chosen -Work get started	Material for construction is found at the site -Toilet is constructed	CFC DD trade MINEPAT SDO PNDP	X					Sand, stones and timber	2,500,000	PNDP - Community/council contribu
Construction of a block of 03 toilets in Market in Furu Awa town	A block of at least 03 toilets is constructed in the market in Furu Awa town	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of Toilet is chosen -Work get started	Material for construction is found at the site -Toilet is constructed	CFC DD trade MINEPAT SDO PNDP	X					Sand, stones and timber	3,000,000	PNDP - Community/council contribu



Construction of a block of 03 toilets in the market of Biando I	A block of at least 03 toilets is constructed in the market in Biando I	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of Toilet is chosen -Work get started	Material for construction is found at the site -Toilet is constructed	CFC DD trade SDO			X		Sand, stones and timber	2,500,000	Council collection, community contribution and other investment budget
Construction of a well with a hand pump in the Market in Biando I	A well with hand pump is constructed in market in Biando I	Feasibility studies, Allocation of resources -Recruitment of specialist	-Detailed feasibility studies -Start of work	Complete well with hand pump	CFC MINSANTE SDO			X			4,000,000	Council collection, community contribution and other investment budget
<b>Sub total 3</b>											149,000,000	
<b>Basic Education</b>												
Construction and equipment of a block of two class rooms in GS Turuwa	Two classrooms are constructed at GS Turuwa and equipped with 60 benches, 2 teachers' tables, 02 teachers' chairs, a cub board and trash cans	Feseability studies Mobilisation of resources support. Recruitment of contractor.	Site for construction is selected Contract is awarded Field visit by the contractor.	2 classrooms are constructed in G.S Turuwa. Reception ceremony at the campus.	CFC MINDUB MINEPAT SDO PNDP			X		Sand, stones and wood	18,500,000	PNDP - Community/council contribution

Construction and equipment of a block of two class rooms in GS Lutu	02 classrooms are constructed at GS Lutu equipped with 60 benches, 2 teachers' tables, 02 teachers' chairs, a cub board and trash cans	studies Mobilisation of resources support. Recruitment of contractor.	construction is selected Contract is awarded Field visit by the contractor.	classrooms are constructed in G.S Lutu. Reception ceremony at the campus.	MINDUB MINEPAT SDO PNDP					stones and wood		- Community/council contribution
Construction and equipment of a block of two class rooms in GS Badji	Two classrooms are constructed at GS Badji and equipped with 60 benches, 2 teachers' tables, 02 teachers' chairs, a cub board and trash cans	Feseability studies Mobilisation of resources support. Recruitment of contractor.	Site for construction is selected Contract is awarded Field visit by the contractor.	2 classrooms are constructed in G.S Badji. Reception ceremony at the campus.	CFC MINDUB SDO			X		Sand, stones and wood	16,000,000	Council collection, community contribution and other investment budget

Construction of a block of 03 toilets is in GS Turuwa	A block of 03 toilets is constructed in GS Turuwa	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of Toilet is chosen -Work get started	Material for construction is found at the site -toilet is finally constructed	CFC MINDUB MINEPAT SDO PNDP	X				Sand, stones and timber	2,500,000	PNDP - Community/council contribu
Construction of a block of 03 toilets is in GS Lutu	A block of 03 toilets is constructed in GS Lutu	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of Toilet is chosen -Work get started	Material for construction is found at the site -toilet is finally constructed	CFC MINDUB MINEPAT SDO PNDP	X				Sand, stones and timber	2,500,000	PNDP - Community/council contribu
Construction of a block of 03 toilets in GS Badji	A block of 03 toilets is constructed in GS Badji	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of Toilet is chosen -Work get started	Material for construction is found at the site -toilet is finally constructed				X		Sand, stones and timber	2,500,000	Council collection, community contribution and other investment budget
Construction of toilets in GS Akum and health centre	Toilets are constructed in GS Akum and health centre	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of Toilet is chosen -Work get started	Material for construction is found at the site -toilet is finally constructed	CFC MINDUB SDO MINSANTE	X					10,000,000	African Development Bank
<b>Sub total 4</b>											<b>70,500,000</b>	
<b>Public works</b>												

Opening of roads from the banks of river Kartsina Ala to Furu Awa centre	The road to Furu Awa is opened and made motor able	-Feasibility studies -Contractor selected	- Transporting of road machines to site - Start of work	Road is opened and made motor able from the banks of river katsina Ala to Furu Awa	CFC DD public work SDO	X					400,000,000	BIP
Opening of road from Nser to Biando II	Road from Nser to Biando II is opened (about 40Km)	-Feasibility studies -Contractor selected	-Road is Transporting of road machines to site - Start of work	Road is opened and made motor able from the banks of river katsina Ala to Furu Awa	CFC DD public work SDO			X			240,000,000	Council collection, community contribution and other investment budget
Opening of road from Doumbo range to Nkang	Road is opened from Doumbo range to Nkang (20km)	-Feasibility studies -Contractor selected	-Road is Transporting of road machines to site - Start of work	Road is opened and made motor able	CFC DD public work SDO			X			120,000,000	Council collection, community contribution and other investment budget
Opening of road from Furu Awa to Nangwa (8km)	Road is opened from Furu Awa to Nangwa (8km)	-Feasibility studies -Contractor selected	Transporting of road machines to site - Start of work	Road is opened and made motor able	CFC DD public work SDO			X			120,000,000	Council collection, community contribution and other investment budget

Establishment of feasibility studies of a bridge over river katsina Ala	Feasibility studies for a bridge over river Katsina Ala are made	-Tendering - Experts selected	Contract is awarded	Availability of detailed financial and technical information for the construction of the bridge	CFC DD public work SDO	X					100,000,000	BIP
<b>Sub total 5</b>											<b>980,000,000</b>	
<b>Livestock</b>												
Construction of vaccination crush and cattle deep in Nkang	A cattle dip and vaccination crush constructed in Nkang	-Feasibility studies -Resource mobilization -Contractor is selected	-Site for construction of dip and vaccination crush chosen -Work get started	Material for construction is found at the site -Dip and vaccination crush constructed	CFC MINEPIA SDO		X			Sand and stones	37,500,000	Council collection, community contribution and other investment budget
<b>Agriculture</b>												
Organization of an agric show in Furu Awa	An agric show is organized in Furu Awa centre	-Preparation of necessary -preparation of invitations - Forming of organizational committee	-Invitations issued - Date and site chosen by committee	Agric show finally organised	Mayor MINADER SDO CFC Organisational committee		X				5,000,000	Council budget
<b>Grand Total</b>											<b>1,560,708,894</b>	

### 6.3. Annual Investment Plan (AIP) For Furu Awa council

#### 6.3.1. Annual investment plan of priority projects

The annual investment plan for Furu Awa council is a document that presents the plan of work for the council to be realised, when to be realised, partners involved and how much allocated for each project for 2012. This plan is represented on table 20.

**Table 22: Annual Investment Plan (AIP) for Furu Awa council**

Project ( or Micro Project)	Expected Results	Activities	Products and indicators		Actors Involved	Schedule in quarters of a year				Resources				Sources of Finance
			Product	Indicator		1	2	3	4	Human	Material	Financial		
												PNDP	Beneficiary	
<b>Health</b>														
Construction and equipment of health centre in Akum	A health centre is constructed and equipped in Akum with ( 01 generator, 03 microscopes, 02 delivery kids, a weighing scale, refrigerator, a thermometer, stethoscope, consultation table etc)	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction and equipment of building	Contractor selected	Signed contract	CFC DD MINEPAT			X			45,212,956	5,023,661	-PNDP - Community/council contribution	
		Execution of the Contract	An equipped health centre constructed in Akum	Rate of realisation	CFC Contractor			X	X					
		Reception of health centre building	Available new Health centre	Keys of the building	CFC MINSANTE MINEPAT SDO PNDP				X					

Construction of a well with hand pump in the health centre at AKum	A well with hand pump is constructed in the health centre at AKum	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of well with hand pump	Contractor selected	Signed contract	CFC DD MINEPAT			X						
		Execution of the Contract	Well of which water is pumped out of it	Rate of realisation	CFC Contractor			X	X			3,800,000	200,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available well with hand pump	Water is fetched from well with ease	CFC MINEE MINEPAT SDO PNDP				X					
<b>Water</b>														
Construction of a well with hand pump in GS Turuwa	A well with hand pump is constructed in GS Turuwa	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of well with hand pump	Contractor selected	Signed contract	CFC DD MINEPAT			X						

		Execution of the Contract	Well of which water is pumped out of it	Rate of realisation	CFC Contractor			X	X			3,800,000	200,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available well with hand pump	Water is fetched from well with ease	CFC MINEE MINEPAT SDO PNDP				X					
Construction of a well with hand pump in GS Lutu	A well with hand pump is constructed in GS Lutu	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of well with hand pump	Contractor selected	Signed contract	CFC DD MINEPAT			X						
		Execution of the Contract	Well of which water is pumped out of it	Rate of realisation	CFC Contractor			X	X			3,800,000	200,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available well with hand pump	Water is fetched from well with ease	CFC MINEE MINEPAT SDO PNDP				X					
Construction of a well with hand pump in Nser	A well with hand pump is constructed at Nser	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of well with hand pump	Contractor selected	Signed contract	CFC DD MINEPAT			X						



		Execution of the Contract	Well of which water is pumped out of it	Rate of realisation	CFC Contractor			X	X			3,800,000	200,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available well with hand pump	Water is fetched from well with ease	CFC MINEE MINEPAT SDO PNDP				X					
Construction of a well with hand pump in GS Edzong	A well with hand pump is constructed in GS Edzong	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of well with hand pump	Contractor selected	Signed contract	CFC DD MINEPAT			X						
		Execution of the Contract	Well of which water is pumped out of it	Rate of realisation	CFC Contractor			X	X			3,800,000	200,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available well with hand pump	Water is fetched from well with ease	CFC MINEE MINEPAT SDO PNDP				X					
Construction of a well with hand pump in GS Nangwa	A well with hand pump is constructed in GS Nangwa	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of well with hand pump	Contractor selected	Signed contract	CFC DD MINEPAT			X						

		Execution of the Contract	Well of which water is pumped out of it	Rate of realisation	CFC Contractor			X	X			3,800,000	200,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available well with hand pump	Water is fetched from well with ease	CFC MINEE MINEPAT SDO PNDP				X					
Construction of a well with hand pump in GS Lubu	A well with hand pump is constructed in GS Lubu	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of well with hand pump	Contractor selected	Signed contract	CFC DD MINEPAT			X						
		Execution of the Contract	Well of which water is pumped out of it	Rate of realisation	CFC Contractor			X	X			3,800,000	200,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available well with hand pump	Water is fetched from well with ease	CFC MINEE MINEPAT SDO PNDP				X					
Construction of a bore hole to in market to be constructed	A bore hole is constructed in the market to be	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of bore hole	Contractor selected	Signed contract	CFC DD MINEPAT			X						

in Kpep	constructed in Kpep	Execution of the Contract	A bore hole of which water is fetched out of it	Rate of realisation	CFC Contractor			X	X			8,075,000	425,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available bore hole in the market	Water flowing out of the bore hole	CFC MINEE MINEPAT SDO PNDP				X					
Construction of a bore hole to be constructed in Furu Awa town	A bore hole is constructed in the market to be constructed in Furu Awa	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of bore hole	Contractor selected	Signed contract	CFC DD MINEPAT			X						
		Execution of the Contract	A bore hole of which water is fetched out of it	Rate of realisation	CFC Contractor			X	X			8,075,000	425,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available bore hole in the market	Water flowing out of the bore hole	CFC MINEE MINEPAT SDO PNDP				X					
Construction of a bore hole in Furu Awa Medicalized health	A bore hole is constructed in Furu Awa Medical	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of bore hole	Contractor selected	Signed contract	CFC DD MINEPAT			X						

centre	zed health centre	Execution of the Contract	A bore hole of which water is fetched out of it	Rate of realisation	CFC Contractor			X	X			8,075,000	425,000	PNDP - Community/council contribution
		Reception of well with hand pump	Available bore hole in the market	Water flowing out of the bore hole	CFC MINEE MINEPAT SDO PNDP				X					
Construction of 01 gravity scheme in Furu Awa Municipality	A gravity water scheme is constructed in Nkang	Contract award process	Call to tender file	Publication of tender	Tender Board CFC									
		Award of contract for construction of gravity water scheme	Contractor selected	Signed contract	CFC DD MINEPAT									
		Execution of the Contract	A gravity water scheme supplying potable water to the community	Rate of realisation	CFC Contractor							47,948,662	2,523,614	PNDP - Community/council contribution
		Reception of well with hand pump	Available water scheme with stand taps	Water flowing out of stand taps	CFC MINEE MINEPAT SDO PNDP									
Protection of water catchments	Identified water catchment	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							

	s in the municipality are protected with water friendly trees	Award of contract for protection of water catchments	Contractor selected	Signed contract	CFC DD Forestry		X							
		Execution of the Contract	Water catchments protected	Rate of realization	CFC Contractor			X	X				5,000,000	
		Reception of protected water catchments	Available water catchments protected	Water friendly trees planted around catchments	CFC MINEE MINEPAT SDO DD Forestry MINEE				X					
<b>Trade</b>														
Construction of a modern market in Kpep	A modern market is constructed in Kpep	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for construction of modern market	Contractor selected	Signed contract	CFC DD MINEPAT			X						
		Execution of the Contract	A modern market constructed at Kpep	Rate of realization	CFC Contractor			X	X			26,350,000	4,650,000	PNDP - Community/council contribution
		Reception of the market	Available modern market	Keys of shades and stores	CFC DD trade MINEPAT SDO PNDP				X					

Construction of a modern market in Furu Awa town	A modern market is constructed in Furu Awa Town	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X						
		Award of contract for construction of modern market	Contractor selected	Signed contract	CFC DD MINEPAT			X					
		Execution of the Contract	A modern market constructed at Kpew	Rate of realization	CFC Contractor			X	X		64,600,000	11400000	PNDP - Community/council contribution
		Reception of Market	Available modern market	Keys of shades and stores	CFC DD trade MINEPAT SDO PNDP				X				
Construction of a block of 03 toilets in market to be constructed in Kpew	A block of at least three toilets is constructed for the market at Kpew	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X						
		Award of contract for construction of toilet	Contractor selected	Signed contract	CFC DD MINEPAT			X					
		Execution of the Contract	A block of 03 toilets is constructed	Rate of realization	CFC Contractor			X	X		2,250,000	250,000	PNDP - Community/council contribution
		Reception of toilets	Available toilets	Keys of toilets	CFC DD trade MINEPAT SDO PNDP				X				

Construction of a block of 03 toilets in market to be constructed in Furu Awa town	A block of at least three toilets is constructed for the market in Furu-Awa Town	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X						
		Award of contract for construction of toilet	Contractor selected	Signed contract	CFC DD MINEPAT			X					
		Execution of the Contract	A block of 03 toilets is constructed	Rate of realization	CFC Contractor			X	X		2,700,000	300,000	PNDP - Community/council contribution
		Reception of toilets	Available toilets	Keys of toilets	CFC DD trade MINEPAT SDO PNDP				X				
<b>Basic Education</b>													
Construction and equipment of two classrooms in GS Turuwa	Two classrooms are constructed at GS Turuwa and equipped with 60 benches, 2 teachers' tables, 02 teachers' chairs, a cub board and trash cans	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X						
		Award of contract for construction of building	Contractor selected	Signed contract	CFC DD MINEPAT			X					
		Execution of the Contract	2 Classrooms in G.S Turuwa constructed	Rate of realization	CFC Contractor			X	X		16,650,000	1,850,000	PNDP - Community/council contribution
		Reception of classrooms building	Available new classrooms	Keys of the building	CFC MINDUB MINEPAT SDO PNDP				X				

Construction and equipment of two classrooms in GS Lutu	Two classrooms are constructed at GS Lutu and equipped with 60 benches, 2 teachers' tables, 02 teachers' chairs, a cub board and trash cans	Contract award process Award of contract for construction of building Execution of the Contract Reception of classrooms building	Call to tender file	Publication of tender	Tender Board CFC		X								
			Contractor selected	Signed contract	CFC DD MINEPAT			X							
			2 Classrooms in G.S. Lutu constructed	Rate of realisation	CFC Contractor			X	X			16,650,000	1,850,000	PNDP - Community/council contribution	
			Available new classrooms	Keys of the building	CFC MINDUB MINEPAT SDO PNDP				X						
Construction of a block of 03 toilets in Turuwa	A block of 03 toilets is constructed in GS Turuwa	Contract award process	Call to tender file	Publication of tender	CFC MINDUB MINEPAT SDO PNDP		X								
		Award of contract for construction of toilet	Contractor selected	Signed contract	CFC MINDUB MINEPAT SDO PNDP			X							



		Execution of the Contract	A block of 03 toilets is constructed	Rate of realisation	CFC MINDUB MINEPAT SDO PNDP			X	X			2,250,000	250,000	PNDP - Community/council contribution
		Reception of toilets	Available toilets	Keys of toilets	CFC MINDUB MINEPAT SDO PNDP				X					
Construction of a block of 03 toilets in GS Lutu	A block of 03 toilets is constructed in GS Lutu	Contract award process	Call to tender file	Publication of tender	CFC MINDUB MINEPAT SDO PNDP		X							
		Award of contract for construction of toilet	Contractor selected	Signed contract	CFC MINDUB MINEPAT SDO PNDP			X						
		Execution of the Contract	A block of 03 toilets is constructed	Rate of realisation	CFC MINDUB MINEPAT SDO PNDP			X	X			2,250,000	250,000	PNDP - Community/council contribution
		Reception of toilets	Available toilets	Keys of toilets	CFC MINDUB MINEPAT SDO PNDP				X					
Construction of toilets in GS	Toilets are constructed in GS	Contract award process	Call to tender file	Publication of tender	Tender Board CFC	X								

Akum and health centre	Akum and health centre	Award of contract for construction of toilet	Contractor selected	Signed contract	CFC DD health	X								
		Execution of the Contract	A block of 03 toilets constructed	Rate of realization	CFC Contractor		X	X					10,000,000	African Development Bank
		Reception of toilets	Available toilets	Keys of toilets	CFC DD health SDO				X					
<b>Public works</b>														
Opening of road to Furu Awa	The road to Furu Awa is opened and made motorable ( From the banks of River Katsina Ala	Contract award process	Call to tender file	Publication of tender	Tender Board CFC	X								
		Award of contract for opening of roads	Contractor selected	Signed contract	CFC	X								
		Execution of the Contract	Road to Furu Awa Town is well opened	Rate of realisation	CFC Contractor	X	X	X					300,000,000	From BIP
		Reception of road	Road is wide opened	Vehicles able to move on the road	CFC DD public work SDO				X					
Carry out feasibility studies over the bridge of river Katsina Ala	Feasibility studies for a bridge over river Katsina Ala are	Contract award process	Call to tender file	Publication of tender	Tender Board CFC		X							
		Award of contract for feasibility studies	Contractor selected	Signed contract	CFC		X							

	made	Execution of the Contract	Feasibility studies carried out	Rate of realisation	CFC Contractor			X						
		Reception of documents for feasibility studies	Available documents of the feasibility studies	Have exact technical and financial information about the bridge	CFC DD public work SDO			X					100,000,000	From BIP
Total											278,186,618	446,022,275		

### 6.3.2. Operational plan for vulnerable populations

The vulnerable population of interest in this municipality include: Physically Handicapped, Dump / poor hearing, Visually Handicapped and orphans.

**Table 23: operational plan for the vulnerable population in Furu-Awa council area**

Project (or Micro Project)	Expected Results	Activities	Products and indicators		Actors Involved	Schedule in quarters of a year				Resources				Sources of Finance			
			Product	Indicator		1	2	3	4	Human	Material	Financial					
												PNDP	Beneficiary				
<b>Social Affairs</b>																	
Execution of the Contract	A social centre for the vulnerable is constructed in Furu Awa Town	Contract award process	Call to tender file	Publication of tender	Tender Board CFC	X								25,000,000	Council collection/budget		
		Award of contract for construction and equipment of centre	Contractor selected	Signed contract	CFC DD social Affairs		X										
			An equipped social centre is construct	Rate of realisation	CFC Contractor		X	X									
		Reception of social centre	Available social centre	Keys of the building	CFC DD social Affairs				X								

## 6.4. Simplified Environmental management framework of the Triennial plan

### 6.4.1. Main potential impacts and mitigation measures

The environmental management framework of the three years plan include main potential impacts, mitigation measures and the Simplified Socio environmental management Plan

**Table 24: Main potential impacts and mitigation measures**

Micro project types contained in the Triennial Plan including site (localization) of the project	Potential socio-environmental impacts	Social-environmental mitigation measures
<p><b><u>Micro projects dealing with the construction or rehabilitation of basic community infrastructure</u></b>  <b>Construction and equipment of 02 health centre in Furu Awa municipality:</b>                      - A health centre is constructed and equipped in Akum                      - A health centre is constructed and equipped in Biando II</p>	<ul style="list-style-type: none"> <li>- Risks related to the acquisition of lands for the localization of the micro project</li> <li>- Conflicts related to the choice of site/ involuntary displacement of persons for site use</li> <li>- Conflicts related to the use, and non durability or fragility of the work.</li> </ul>	<ul style="list-style-type: none"> <li>- Sensitize and inform the affected persons on the necessity of the site and the choice criteria.</li> <li>- Obtain Land donation attestation signed by the village chief and the proprietor of the site</li> <li>- Inform the affected persons ;</li> <li>- Census (Count the persons) / affected homes and evaluate their property.</li> <li>- Compensate affected persons in conformity with the Resettlement Action Plan (RAP) terms or clauses.</li> </ul>
<p><b>Construction of 03 modern markets in Furu Awa Municipality</b>                      - A modern market is constructed in Kpep                      - A modern market is constructed in Furu Awa Town                      - A modern market is constructed in Biando I</p>	<ul style="list-style-type: none"> <li>- Diverse impacts related to the choice of site.</li> <li>- Erosion due to the use of borrowed pit or zones/ gravel quarry or sand and /or the excavation of the Project site.</li> </ul>	<ul style="list-style-type: none"> <li>- Putting in place a Micro Project ( MP) management committee including women and establish use rules as well as a functioning and maintenance mechanisms</li> <li>- Systematically avoid setting up works in sensitive zones such as ; swampy areas, sacred zones, rivers, parks and protected areas, used zones, mountain sides etc ;</li> <li>- Restore the borrowed zones while respecting the natural sloping nature of the land.</li> <li>- Re-afforestation in the affected zones ;</li> <li>- Planting of grass (vegetative cover) in the affected zones ;</li> </ul>
<p><b>Construction of toilets in Furu Awa municipality</b></p>	<ul style="list-style-type: none"> <li>- Impacts related to pollution due to waste oil from vehicles</li> </ul>	<ul style="list-style-type: none"> <li>- Use adapted engines and change filters regularly ;</li> <li>- Put in place engine oil reception tanks and get them returned to specialized enterprises.</li> </ul>

<p>- A block of at least 03 toilets is constructed in Kpep Market</p> <p>- A block of at least 03 toilets is constructed in the market in Furu Awa town</p> <p>- A block of at least 03 toilets is constructed in the market in Biando I</p> <p>- A block of 03 toilets is constructed in GS Turuwa</p> <p>- A block of 03 toilets is constructed in GS Lutu</p> <p>- A block of 03 toilets is constructed in GS Badji</p> <p>Toilets are constructed in GS Akum and health centre</p> <p><b>Construction of 06 classrooms within Furu Awa Municipality</b></p> <p>- Two classrooms are constructed at GS Turuwa</p> <p>- Two classrooms are constructed at GS Lutu</p> <p>- Two classrooms are constructed at GS Badji</p> <p><b>Construction of vaccination crush and cattle dip in Nkang</b></p> <p>A cattle dip and vaccination crush constructed in Nkang</p>	<ul style="list-style-type: none"> <li>- Air pollution by dust due to the transportation of materials and circulation of machines</li> </ul>	<ul style="list-style-type: none"> <li>- Respect the project site security rules and regulations (wearing of masks, boots,)</li> <li>- Watering the works with water from a permanent water source.</li> </ul>
	<ul style="list-style-type: none"> <li>- The loss of woody species related to the clearing of the site.</li> </ul>	<ul style="list-style-type: none"> <li>- Re-afforestation around the works.</li> </ul>
	<ul style="list-style-type: none"> <li>- The increase in the prevalence rate of STD/HIV/AIDS, and eventually on poaching</li> </ul>	<ul style="list-style-type: none"> <li>- Sensitize the direct beneficiary population and personnel on STDs and HIV/AIDS, and on poaching through bill boards and meetings</li> </ul>
	<ul style="list-style-type: none"> <li>- Accident risks related to diverse movements and works</li> </ul>	<ul style="list-style-type: none"> <li>- Respect the distance between the road and the site.</li> <li>- Put project site sign boards;</li> <li>- Observe basic security rules (putting on the appropriate uniforms, speed limitation, etc.)</li> <li>- Ensure site security</li> </ul>
	<ul style="list-style-type: none"> <li>- The increase of revenue within the micro project zone.</li> </ul>	<ul style="list-style-type: none"> <li>- The recruitment of personnel on the basis of competition and transparency;</li> <li>- Favour the recruitment of the local population for mobilized labour as well as the use of labour intensive techniques (HIMO). ;</li> </ul>
	<ul style="list-style-type: none"> <li>- Pollutions related to waste generated during the works.</li> </ul>	<ul style="list-style-type: none"> <li>- Avoid depositing waste matter within the river channel ( at least keep 100m distance from the river)</li> <li>- Deposit within the old borrowed zones</li> </ul>
	<ul style="list-style-type: none"> <li>- Impacts related to solid waste generated as a result of work.</li> </ul>	<ul style="list-style-type: none"> <li>- Preview garbage cans for the evacuation of solid wastes which will be taken to be emptied ;</li> </ul>
	<ul style="list-style-type: none"> <li>- Impacts related to domestic wastes. (Used water, excreta, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>- Preview a good drainage system especially for used water</li> </ul>
	<ul style="list-style-type: none"> <li>- Improvement in the access to basic services.</li> </ul>	<ul style="list-style-type: none"> <li>- Train the management committee on key issues including, maintenance and the management of works</li> <li>- Preview a water point to improve on the utilization of the work.</li> </ul>
	<ul style="list-style-type: none"> <li>- Floods and water stagnation risks around the work.</li> </ul>	<ul style="list-style-type: none"> <li>- Preview a simplified network for the purification of rain water, including its evacuation.</li> </ul>
<p><b><u>Hydraulic projects/ Water Supply Projects</u></b></p>	<p><b>Potential Socio-environmental impacts</b></p> <ul style="list-style-type: none"> <li>- Risks related to land</li> </ul>	<p><b>Socio-environmental mitigation measures</b></p> <ul style="list-style-type: none"> <li>- Sensitize and inform affected persons</li> </ul>

<p>Construction of 10 wells with hand pump in Furu-Awa Municipality</p> <ul style="list-style-type: none"> <li>- A well with hand pump is constructed in GS Turuwa</li> <li>- A well with hand pump is constructed in GS Lutu</li> <li>- A well with hand pump is constructed at Nser</li> <li>- A well with hand pump is constructed in GS Edzong</li> <li>- A well with hand pump is constructed in GS Nangwa</li> <li>- A well with hand pump is constructed in GS Lubu</li> <li>- A well with hand pump is constructed in Lubu Village</li> <li>- A well with hand pump is constructed in Edzong Village</li> <li>- A well with hand pump is constructed in Mbulom Village</li> <li>- A well with hand pump is constructed in GS Lebo</li> <li>- A well with hand pump is constructed in market in Biando I</li> </ul> <p><b>Construction of 03 bore holes in Furu Awa Municipality/ water schemes</b></p> <ul style="list-style-type: none"> <li>- A bore hole is constructed in the market to be</li> </ul>	<p>acquisition for micro project localization.</p>	<p>on the necessity of a site and choice criteria.</p> <ul style="list-style-type: none"> <li>- Obtain a land donation attestation, signed by the village chief and proprietor of the site.</li> </ul>
	<ul style="list-style-type: none"> <li>- Conflicts related to choice of site/ involuntary displacement of persons for the use of site.</li> </ul>	<ul style="list-style-type: none"> <li>- Inform affected persons;</li> <li>- Count the persons / homes affected and evaluate their property.</li> <li>- Compensate those affected in conformity with the Resettlement Action Plan (RAP) terms</li> </ul>
	<ul style="list-style-type: none"> <li>- Conflicts related to the use, and the non durability or fragility of the work</li> </ul>	<ul style="list-style-type: none"> <li>- Putting in place a Micro Project (MP) management committee including women and establish use rules as well as a functioning and maintenance mechanisms.</li> </ul>
	<p>Diverse impacts related to the choice of site.</p>	<p>Systematically avoid to localize or set up works within sensitive zones such as marshy zones, sacred zones, River channels, protected parks, used zones, mountain sides, flanks of mountains, etc.</p>
	<ul style="list-style-type: none"> <li>- Pollution of water points either by phytosanitary products or latrines</li> </ul>	<ul style="list-style-type: none"> <li>- Forbid farming with phytosanitary products around the immediate borders of the site (maintain a distance of at least 300 metres)</li> <li>- Maintain latrines at least 50 m from the water point</li> </ul>
	<ul style="list-style-type: none"> <li>- Impacts related to the pollution due to waste oil from vehicles or machines</li> </ul>	<ul style="list-style-type: none"> <li>- Use adapted machines/ change filters</li> <li>- Put in place recuperation tanks of machine oils and get them returned to specialized enterprises.</li> </ul>
	<ul style="list-style-type: none"> <li>- Air pollution by dust due to the transportation of materials and the circulation of machines</li> </ul>	<ul style="list-style-type: none"> <li>- Respect of security rules and regulations at the site (the wearing of masks, boots)</li> <li>- Watering the works with water from permanent water courses.</li> </ul>
	<ul style="list-style-type: none"> <li>- The loss of woody species related to the clearing of the site.</li> </ul>	<ul style="list-style-type: none"> <li>- Re-forestation beyond the works or come to a consensus as to a site to carry out the re-forestation exercise.</li> </ul>
	<ul style="list-style-type: none"> <li>- The increase in the prevalence rate of STDs/HIV/AIDS and eventually on poaching.</li> </ul>	<ul style="list-style-type: none"> <li>- Sensitize the direct beneficiary population and personnel on STDs, HIV, poaching through billboards and meetings.</li> </ul>

<p>constructed in Kpép</p> <ul style="list-style-type: none"> <li>- A bore hole is constructed in the market to be constructed in Furu Awa</li> <li>- A bore hole is constructed in Furu Awa Medical zed health centre</li> <li>- A gravity water scheme is constructed in Nkang</li> <li>- A gravity water scheme is constructed in Nser</li> <li>- A gravity water scheme is constructed in Sambari</li> <li>- A gravity water scheme is constructed in Akum</li> </ul>	<ul style="list-style-type: none"> <li>- Accident risk emanating from the works.</li> <li>- The increase of revenue within the micro-project zone.</li> <li>- Impacts related to waste matter generated during the works</li> <li>- Floods and standing water risks around the works.</li> <li>- Risks of contamination and the infiltration of dirty and muddy water.</li> <li>- Perturbation of water quality.</li> </ul>	<ul style="list-style-type: none"> <li>- Put sign boards at the site;</li> <li>- Observe basic security rules (wearing the appropriate uniforms, speed limitation, etc.)</li> <li>- Ensure security at the site</li> <li>- Favour the recruitment of local labour as well as the use of labour intensive techniques( HIMO)</li> <li>- Recruitment to be done on the basis of competency and transparency</li> <li>- Avoid the deposit of waste matter in river channels ( at least 100m distance from the river )</li> <li>- Deposit in old borrowed zones.</li> <li>- Preview a simplified rain water purification network including a means of an eventual evacuation into lost and well secured wells</li> <li>- Render secure water points by building a fence around; Render impermeable the sides with tiles or marble stones</li> <li>- Regular physico-chemical water treatment.</li> </ul>
<p><b><u>Interconnecting projects</u></b></p> <p><b>Opening of roads in Furu Awa Municipality/construction of bridges</b></p> <ul style="list-style-type: none"> <li>- The road to Furu Awa is opened and made motor able</li> <li>- Road from Nser to Biando II is opened (about 40Km)</li> <li>- Road is opened from Doumbo range to Nkang (20km)</li> <li>- Road is opened from Furu Awa to Nangwa (8km)</li> <li>- Feasibility studies for a bridge over river</li> </ul>	<p><b>Potential socio-environmental impacts</b></p> <ul style="list-style-type: none"> <li>- Risks related to land acquisition for micro project localization</li> <li>- Conflicts related to choice of site/ involuntary displacement of persons for the use of the site.</li> <li>- Conflicts related to the use, and non durability or fragility of the work</li> <li>- Diverse impacts related to the choice of site.</li> </ul>	<p><b>Socio-environmental Mitigation Measures</b></p> <ul style="list-style-type: none"> <li>- Sensitize and inform affected persons on the necessity of a site and choice criteria.</li> <li>- Obtain a land donation attestation, signed by the village chief and proprietor of the site.</li> <li>- Count the persons / homes affected and evaluate their property.</li> <li>- Compensate those affected in conformity with the involuntary displaced and Resettlement Action Plan (RAP) terms</li> <li>- Putting in place a Micro Project ( MP) management committee including women and establish usage rules as well as a functioning and maintenance mechanisms</li> <li>- Systematically avoid to localize works within sensitive zones such as marshy</li> </ul>

Katsina Ala are made		zones, sacred zones, water courses, protected parks, used zones, & mountains sides, etc.
	- Impacts related to the pollution due to waste oil from vehicles or machine	- Use adapted machines - Put in place recuperation tanks of machine oils and get them returned to specialized enterprises
	- Air pollution by dust due to the transportation of materials and the circulation of machines	- Respect of security rules and regulations at the site (the wearing of masks, boots) - Watering the works with water from permanent water courses.
	- The loss of woody species related to the clearing of the site.	- Re-afforestation around the works
	- The increase in the prevalence rate of STDs/HIV/AIDS	- Sensitize the direct beneficiary population and personnel on STDs, HIV, poaching through billboards and meetings. - Put bill boards for prevention.
	- Accident risks related to works.	- Put site sign boards; - Observe basic security rules (the wearing of the appropriate uniforms, speed limits, etc.)
	- The increase of revenues within the micro-project zone.	- The recruitment of personnel on the basis of competence and transparency ; - Favour the recruitment of local labour as well as the use of labour intensive techniques (HIMO);
	- Impacts related to waste matter generated during the works	- Avoid the deposit of waste matter in river channel ( at least 100m distance from the river ) - Deposit the biodegradable part within old borrowed zones.
	- Floods and standing water risks around the works.	- Preview a simplified rain water purification network including a means of an eventual evacuation into lost and well secured wells
	- Risks of contamination and the infiltration of dirty and muddy water around the work.	- Render secure water points by building a fence around; Render impermeable the sides with tiles or marble stones
- Risks of persons, and birds being electrocuted or fire hazards.	- Organize sensitization sessions for the direct beneficiary population. - Put in place protection boards right through the site line.	



		<ul style="list-style-type: none"> <li>- Install fire proofs around the works;</li> </ul>
	<ul style="list-style-type: none"> <li>- Noise or sound pollution by the noise generated by a functioning generator.</li> </ul>	<ul style="list-style-type: none"> <li>- Buying of generators endowed with anti-noise mechanisms ;</li> <li>- Secure the generator within a site equipped to that effect;</li> <li>- Avoid installing a generator in the midst of or near habitation or public services</li> </ul>
<p><b>- <u>Natural Resource Management Projects</u></b> In course of reviewing the CDP, programmed natural resource management projects should be included</p>	<b>Potential socio-environmental impacts</b>	<b>Socio-environmental Mitigation measures</b>
	<ul style="list-style-type: none"> <li>- Risks related to land acquisition for micro project localization</li> </ul>	<ul style="list-style-type: none"> <li>- Sensitize and inform affected persons on the necessity of a site and choice criteria.</li> <li>- Obtain a land donation attestation, signed by the village chief and proprietor of the site.</li> </ul>
	<ul style="list-style-type: none"> <li>- Conflicts related to choice of site/ involuntary displacement of persons for the use of the site.</li> </ul>	<p>Count the persons / homes affected and evaluate their property.</p> <ul style="list-style-type: none"> <li>- Compensate those affected in conformity with the involuntary displaced and Resettlement Action Plan (RAP) terms</li> </ul>
	<ul style="list-style-type: none"> <li>- Conflicts related to the use, and non durability or fragility of the work</li> </ul>	<ul style="list-style-type: none"> <li>- Putting in place a Micro Project ( MP) management committee including women and establish usage rules as well as a functioning and maintenance mechanisms</li> </ul>
	Diverse impacts related to the choice of site.	Systematically avoid to localize works within sensitive zones such as marshy zones, sacred zones, water courses, protected parks, used zones, & mountains sides, etc.
	<ul style="list-style-type: none"> <li>- Impacts related to the pollution due to waste oil from vehicles or machine</li> </ul>	<ul style="list-style-type: none"> <li>- Use adapted machines</li> <li>- Put in place recuperation tanks of machine oils and get them returned to specialized enterprises</li> </ul>
	<ul style="list-style-type: none"> <li>- Air pollution by dust due to the transportation of materials and the circulation of machines</li> </ul>	<ul style="list-style-type: none"> <li>- Respect of security rules and regulations at the site (the wearing of masks, boots)</li> <li>- Watering the works with water from permanent water courses.</li> </ul>
	The loss of woody species related to the clearing of the site.	<ul style="list-style-type: none"> <li>- Re-afforestation around the works</li> </ul>
	<ul style="list-style-type: none"> <li>- The increase in the prevalence rate of STDs/HIV/AIDS.</li> </ul>	<ul style="list-style-type: none"> <li>- Sensitize the direct beneficiary population and personnel on STDs, HIV,</li> </ul>

		poaching through billboards and meetings. - Put bill boards for prevention.
	Accident risks related to works.	- Put site sign boards; - Observe basic security rules (the wearing of the appropriate uniforms, speed limits, etc.)
	- The increase of revenues within the micro-project zone.	- The recruitment of personnel on the basis of competence and transparency ; - Favour the recruitment of local labour to be mobilized as well as labour intensive techniques (HIMO).;
	- Impacts related to waste matter generated during the works	- Avoid the deposit of waste matter in river channel ( at least 100m distance from the river ) - Deposit the biodegradable part within old borrowed zones.
	- Floods and standing water risks around the works.	- Preview a simplified rain water purification network including a means of an eventual evacuation into lost and well secured wells
	- Risks of contamination and the infiltration of dirty and muddy water around the work.	- Render secure water points by building a fence around; Render impermeable the sides with tiles or marble stones
	- Noise or sound pollution by the noise generated by a functioning generator.	- Buying of generators endowed with anti-noise mechanisms ; - Secure the generator within a site equipped to that effect; - Avoid installing a generator in the midst of or near habitation or public services

#### 6.4.2. Simplified Socio environmental management Plan

The plan consists of precisising for each environmental measure envisaged in the triennial plan, actors (institutional arrangements), costs, periods and follow up actors.

Table 25: Simplified Socio environmental management Plan

Environmental measures	Tasks	Actors to be put in place	Period	Follow up Actors	Cost	Observations
Recruitment of a Council Development officer/ Task or duty as a member of the steering Committee of the CDP		Council (Council Tender board)	2011 (March-May)	Municipal councilors;PND P	PM (Contract Award, Tender)	

Training of Council Development officer on environment issues and on the social and environmental management framework of the PNDP	Prepare the terms of Reference (ToR)	PNDP	2011 - 2012	Delegation MINEP ; Delegation MINAS ; PNDP ; Council	Incorporated into PNDP budget	
Use of socio – environmental Screening form for micro projects (during feasibility studies)		Consultant in-charge of feasibility studies for micro-projects	2011 - 2014	Delegation MINEP ; Delegation MINAS ; PNDP ; Municipal councilors; Council Development officer	PM (Contract Award, Tender)	Related cost should be included in the micro project conception cost.
Training of COMES (Council sessions extended to sector ministries) on safeguards policies and on social and environmental aspects to be taken into consideration		PNDP, Council	2011 - 2012	Delegation MINEP ; Delegation MINAS ;	Incorporated into the PNDP budget	
Provision to carry out simplified environmental impact studies	-Prepare the ToR ; - Make sure ToR is approved; - Recruit a consultant ; - Carry out the studies	PNDP, Council (municipal councilors)	2011 - 2014	Delegation MINEP ; Delegation MINAS ; PNDP ; Council Development officer ; Municipal councilors	It cost at least 7millionsFCFA for a simplified study, and around 8 to 10 million FCFA for detailed study	In case of resettlement, the cost is to be borne by the Mayor.
Provision to compensate displaced persons		Council/ municipal councilors		-Council -MINDAF -MINAS	To be evaluated	The cost is to be borne by the Mayor
Follow up on the social and environmental management plan, the contractors ( entrepreneur) and also the environmental measures of projects retained	- Extraction of environmental measures of the MPs - Elaborate a follow up plan of the measures	Council Development officer/ Steering committee of the CDP	During Work execution 2011 -	Delegation MINEP ;MINAS ; PNDP ; Municipal Councilors	Integrated within the council budget	

			2014			
Respect of environmental clauses contained in the tender document and the micro project environmental measures.	-Include the clauses in the Tender document ; - Put operational the clause	-Council, PNDP  - Entrepreneurs or contractor		Delegation MINEP ; Council development officer ; Municipal Councillors	PM,( contract award - Integrated in the Micro-project cost)	

## 6.5. Procurement Plan or contract award plan

Table 26 shows the contract award plan of projects programmed for 2012 in the CDP for Furu Awa

Table 26: Contract Award plan for Furu Awa municipality

<b>COUNTRY: Republic of Cameroon</b>					<b>CONTRACT AWARD SCHEDULE</b>							
<b>PROJECT: National Community Driven Development Program</b>												
<b>Project</b>	<b>Elaboration of Request for Financing</b>		<b>Elaboration of the Project Convention</b>		<b>Actors Involved</b>	<b>Partners</b>	<b>Selection Method</b>	<b>Amount</b>	<b>Preparation of Tender Documents</b>		<b>Call for Proposals</b>	
	<b>Start</b>	<b>End</b>	<b>Start</b>	<b>End</b>					<b>Start</b>	<b>End</b>	<b>Start</b>	<b>End</b>
Construction and equipment of health centre in Akum/Well with hand pump	16/04/2012	15/06/2012	17/06/2012	29/06/2012	CFC MINSANTE MINEPAT SDO	LSO, Consultant, Mayor, PNDP	Call for Tender	54,236,617	02/07/2012	06/07/2012	09/07/2012	8/08/2012
Construction of 06 wells with hand pump in Furu-Awa Municipality (in GS Turuwa, GS Lutu, Nser, GS Edzong, GS Nangwa, GS Lubu)	16/04/2012	15/06/2012	17/06/2012	29/06/2012	CFC MINEE MINEPAT	LSO, Consultant, PNDP	Call for Tender	24,000,000	02/07/2012	06/07/2012	09/07/2012	8/08/2012
Construction of 03 bore holes in Furu Awa Municipality (in markets of Kpep and Furu Awa, Medicalized health centre in Furu Awa)	16/04/2012	15/06/2012	17/06/2012	29/06/2012	CFC MINEE MINEPAT	LSO, Consultant, PNDP	Call for Tender	25,500,000	02/07/2012	06/07/2012	09/07/2012	8/08/2012
Construction of a gravity scheme in	16/04/2012	15/06/2012	17/06/2012	29/06/2012	CFC MINEE	LSO, PNDP	Call for	50,472,276	02/07/2012	06/07/2012	09/07/2012	8/08/2012

Nkang	12				MINEPAT	Contractor VDA	<b>Tender</b>						
Construction of a modern market in Kpep and a block of toilets	16/04/2012	15/06/2012	17/06/2012	29/06/2012	CFC DD trade MINEPAT	LSO, Consultant, Mayor, PNDP	<b>Call for Tender</b>	33,500,000	<b>02/07/2012</b>	<b>06/07/2012</b>	<b>09/07/2012</b>	<b>8/08/2012</b>	
Construction of a modern market in Furu Awa town and a block of at least 03 toilets	16/04/2012	15/06/2012	17/06/2012	29/06/2012	CFC DD trade MINEPAT	LSO, Consultant, Mayor, PNDP	<b>Call for Tender</b>	79,000,000	<b>02/07/2012</b>	<b>06/07/2012</b>	<b>09/07/2012</b>	<b>8/08/2012</b>	
Construction of 04 classrooms within Furu Awa Municipality (02 in GS Lutu with block of toilet and 02 in GS Turuwa with block of toilet	16/04/2012	15/06/2012	17/06/2012	29/06/2012	CFC MINEDUB MINEPAT	LSO, Consultant, Mayor, PNDP	<b>Call for Tender</b>	42,000,000	<b>02/07/2012</b>	<b>06/07/2012</b>	<b>09/07/2012</b>	<b>8/08/2012</b>	

Project	Technical and Financial Evaluation		Non objection of the CNC		Negotiation of the Contract		Award of the Contract		Period of Execution		Technical Reception	Provisional Reception	Final Reception
	Start	End	Start	End	Start	End	Start	End	Start	End			
Construction and equipment of health centre in Akum/Well with hand pump	08/08/2012	10/08/2012	10/08/2012	20/08/2012	20/08/2012	24/08/2012	24/08/2012	28/08/2012	29/08/2012	26/12/2012	19/12/2012	31/12/2012	15/01/2013
Construction of 06 wells	08/08/2012	10/08/2012	10/08/2012	20/08/2012	20/08/2012	24/08/2012	24/08/2012	28/08/2012	29/08/2012	26/12/2012	19/12/2012	31/12/2012	15/01/2013

with hand pump in Furu-Awa Municipality (in GS Turuwa, GS Lutu, Nser, GS Edzong, GS Nangwa, GS Lubu													
Construction of 03 bore holes in Furu Awa Municipality (in markets of Kpep and Furu Awa, Medicalized health centre in Furu Awa)	08/08/2012	10/08/2012	10/08/2012	20/08/2012	20/08/2012	24/08/2012	24/08/2012	28/08/2012	29/08/2012	26/12/2012	19/12/2012	31/12/2012	15/01/2013
Construction of a gravity scheme in Nkang	08/08/2012	10/08/2012	10/08/2012	20/08/2012	20/08/2012	24/08/2012	24/08/2012	28/08/2012	29/08/2012	26/12/2012	19/12/2012	31/12/2012	15/01/2013
Construction of a modern market in Kpep and a block of toilets	08/08/2012	10/08/2012	10/08/2012	20/08/2012	20/08/2012	24/08/2012	24/08/2012	28/08/2012	29/08/2012	26/12/2012	19/12/2012	31/12/2012	15/01/2013
Construction of a modern market in Furu Awa town and	08/08/2012	10/08/2012	10/08/2012	20/08/2012	20/08/2012	24/08/2012	24/08/2012	28/08/2012	29/08/2012	26/12/2012	19/12/2012	31/12/2012	15/01/2013

a block of at least 03 toilets													
Construction of 04 classrooms within Furu Awa Municipality (02 in GS Lutu with block of toilet and 02 in GS Turuwa with block of toilet	08/08/2012	10/08/2012	10/08/2012	20/08/2012	20/08/2012	24/08/2012	24/08/2012	28/08/2012	29/08/2012	26/12/2012	19/12/2012	31/12/2012	15/01/2013



## 7.0 Monitoring and Evaluation

This aspect is mainly to share realization tools of participatory monitoring and evaluation activities of the projects and programs of the CDP.

### 7.1. Composition, allocation of Steering Committee of the CDP

Monitoring/evaluation intervene at all stages of the planning process. The establishment of this Council Development Plan (CDP) has been closely followed up by the steering committee of Furu Awa council. This steering committee followed every activity of the LSO (Mount Zion) in the course of producing this important document. This steering committee was made up of xxxxx members as shown on table 27.

Table 27: The Steering committee for Furu Awa CDP establishment

S/N	Name	Position	Gender
1.	Danjuma Fidelis	Chairman	Male
2.	H.R.H Onko Moses	Sectary	Male
3.	Nwunuji Nairobi	Member	Male
4.	Otschum Jonas	Member	Male
5.	Opi Sunday	Member	Male
6.	Garba Christopher	Member	Male

### 7.2. Indicators for monitoring and evaluation (compared to AIP and sartorial policies)

All the projects highlighted in this document (on the log frames) have indicators which do respect the sartorial policies of the different sectors involved. All these indicators will be used to assess the execution of these projects.

The identified projects for implementation in the AIP are the responsibility of the Steering Committee to follow up with the Mayor as its chair. Table 28 shows the projects on the AIP and their indicators

Table 28: Projects and Indicators for Annual Investment Plan

SN	PROJECT	INDICATORS FOR MONITORING AND EVALUATION OF PROJECTS
1	Construction and equipment of health centre in Akum/Well with hand pump	Health centre is constructed and equipped respecting norms within stipulated time
2	Construction of 06 wells with hand pump in Furu-Awa Municipality (in GS Turuwa, GS Lutu, Nser, GS Edzong, GS Nangwa, GS Lubu	Wells with hand pump of which water can be fetch all round the year are constructed in in GS Turuwa, GS Lutu, Nser, GS Edzong, GS Nangwa, GS Lubu
3	Construction of 03 bore holes in Furu Awa Municipality (in markets of Kpep and Furu Awa, Medicalized health centre in Furu Awa)	Bore holes are constructed in markets of Kpep and Furu Awa, Medicalized health centre in Furu Awa before January 2012.
5	Construction of a gravity water scheme in Nkang	-Water scheme is constructed in Nkang -Water flowing out of stand taps all round the year after the construction of water scheme
6	Construction of a modern market in	-A lock up market with modern shades and at least 03

SN	PROJECT	INDICATORS FOR MONITORING AND EVALUATION OF PROJECTS
	Kpep and a block of toilets	stores constructed in Kpep village by the end of 2012
7	Construction of a modern market in Furu Awa town and a block of at least 03 toilets	A lock up market with modern shades and stores constructed in Furu Awa Town by the end of 2012 -Market should be having a small nursery
8	Construction of 04 classrooms within Furu Awa Municipality (02 in GS Lutu with block of toilet and 02 in GS Turuwa with block of toilet	-Two class rooms each constructed in GS Lutu and GS Turuwa. A block of three toilets each constructed in in GS Lutu and GS Turuwa.

Source: Planning work shop Furu Awa

### 7.3. Follow up plan, tools and monitoring frequency

Follow up will be done by both the village steering committees and the council steering committee. The village steering committees will follow up the activities of the projects being implemented in their villages while the council steering committee will follow up at the municipal level. This will be mostly done through field visits of which various reports and minutes of the village follow-up committees and the steering committee will be taken. Table 29 shows the Follow up plan, tools and monitoring frequency for priority projects

**Table 29: Follow up plan, tools and monitoring frequency for priority projects**

SN	PROJECT	FOLLOW UP INTERVAL	MONITORING FREQUENCY	VERIFICATION TOOLS	PERSON RESPONSIBLE
1	Construction and equipment of health centre in Akum/Well with hand pump	Weekly basis starting from the 20 of April 2012	Twice a week	Contract award document, Pictures, invoice and receipts	Follow up committee
2	Construction of 06 wells with hand pump in Furu-Awa Municipality (in GS Turuwa, GS Lutu, Nser, GS Edzong, GS Nangwa, GS Lubu	Weekly basis starting from the 20 of April 2012	Twice a week	Contract award document, Pictures, invoice and receipts	Follow up committee
3	Construction of 03 bore holes in Furu Awa Municipality (in markets of Kpep and Furu Awa, Medicalized health	Weekly basis starting from the 20 of April 2012	Twice a week	Contract award document, Pictures, invoice and receipts	Follow up committee

	centre in Furu Awa)				
4	Construction of a gravity scheme in Nkang	Weekly basis starting from the 20 of April 2012	Twice a week	Contract award document, Pictures, invoice and receipts	Follow up committee
5	Construction of a modern market in Kpep and a block of toilets	Weekly basis starting from the 20 of April 2012	Twice a week	Contract award document, Pictures, invoice and receipts	Follow up committee
6	Construction of a modern market in Furu Awa town and a block of at least 03 toilets	Weekly basis starting from the 20 of April 2012	Twice a week	Contract award document, Pictures, invoice and receipts	Follow up committee
7	Construction of 04 classrooms within Furu Awa Municipality (02 in GS Lutu with block of toilet and 02 in GS Turuwa with block of toilet	Weekly basis starting from the 20 of April 2012	Twice a week	Contract award document, Pictures, invoice and receipts	Follow up committee

#### 7.4. Review mechanism of the CDP and preparation of the AIP

The CDP has to be reviewed at the end of every year. At the end of each year, a SWOT will be used to review the plan. The result of this review will be used to overcome the challenges noticed. The planned but unrealized projects will be included for the New Year's plans. A meeting will be convened with the sector heads represented during which the annual operational plan will be reviewed taking into consideration market trends as per the period of review. This will be approved by the Supervisory authorities following the available resources available for effective implementation of the planned projects. In case of shortage of funds, strategies on how to better mobilize funds through the council will be put in place and ensure effective implementation.

#### 7.5. Information plan and communication on the implementation of the CDP

Table 30 shows an information and communication plan for the better follow up and execution of projects on the CDP.

Table 30: Information plan and communication on the implementation of the CDP

PROJECT	Means of Communication	Starting Period	Frequency of Communication	Responsible Persons
Construction and equipment of health centre	- Trough letters, phone calls, Reports. - Letters to and from Ministry (Divisional Delegation) of Public	Mid April 2012	-Weekly through reports -Daily through phone calls	Furu Awa Council and Ministry of Public

<b>PROJECT</b>	<b>Means of Communication</b>	<b>Starting Period</b>	<b>Frequency of Communication</b>	<b>Responsible Persons</b>
in Akum/Well with hand pump	Health /Furu Awa Council, Quarter heads and village development Association chair person. - Written reports from, Contractor to Furu Awa Council, Reports from Furu Awa Council to PNDP		-Monthly through monthly reports	Health
Construction of 06 wells with hand pump in Furu-Awa Municipality (in GS Turuwa, GS Lutu, Nser, GS Edzong, GS Nangwa, GS Lubu	Trough letters, phone calls, Reports. - Letters to and from Ministry (Divisional Delegation) of Water and Energy/Furu Awa Council, Quarter heads and village development Association chair person. - Written reports from, Contractor to Furu Awa Council, Reports from Furu Awa Council to PNDP	Mid April 2012	-Weekly through reports -Daily through phone calls -Monthly through monthly reports	Furu Awa Council and Ministry of Water and Energy
Construction of 03 bore holes in Furu Awa Municipality (in markets of Kpep and Furu Awa, Medicalized health centre in Furu Awa)	Trough letters, phone calls, Reports. - Letters to and from Ministry (Divisional Delegation) of Water and Energy/Furu Awa Council, Quarter heads and village development Association chair person. - Written reports from, Contractor to Furu Awa Council, Reports from Furu Awa Council to PNDP	Mid April 2012	-Weekly through reports -Daily through phone calls -Monthly through monthly reports	Furu Awa Council and Ministry of Water and Energy
Construction of a gravity scheme in Nkang	Trough letters, phone calls, Reports. - Letters to and from Ministry (Divisional Delegation) of Water and Energy/Furu Awa Council, Quarter heads and village development Association chair person. - Written reports from, Contractor to Furu Awa Council, Reports from Furu Awa Council to PNDP	Mid April 2012	-Weekly through reports -Daily through phone calls -Monthly through monthly reports	Furu Awa Council and Ministry of Water and Energy
Construction of a modern market and	Trough letters, phone calls, Reports. - Letters to and from Ministry	Mid April 2012	-Weekly through reports -Daily through	Furu Awa Council and Ministry

<b>PROJECT</b>	<b>Means of Communication</b>	<b>Starting Period</b>	<b>Frequency of Communication</b>	<b>Responsible Persons</b>
toilets in Kpep and Furu Awa Town	(Divisional Delegation) of Trade/Furu Awa Council, Quarter heads and village development Association chair person. - Written reports from, Contractor to Furu Awa Council, Reports from Furu Awa Council to PNDP		phone calls -Monthly through monthly reports	(Divisional Delegation) of Trade
Construction of 04 classrooms within Furu Awa Municipality (02 in GS Lutu with block of toilet and 02 in GS Turuwa with block of toilet	Trough letters, phone calls, Reports. - Letters to and from Ministry (Divisional Delegation) of Basic Education/Furu Awa Council, Quarter heads and village development Association chair person. - Written reports from, Contractor to Furu Awa Council, Reports from Furu Awa Council to PNDP	Mid April 2012	-Weekly through reports -Daily through phone calls -Monthly through monthly reports	Furu Awa Council and Ministry (Divisional Delegation) of Basic Education