

CEDERI – MADIMBA

CENTRE DE DEVELOPPEMENT RURAL INTEGRE

**PROJECT TO SUPPLY
DRINKING WATER FOR THE
LIBERTA, KIBAMBI AND MINGAMBU
NEIGHBOURHOODS OF MADIMBA**

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INFORMATION ABOUT THE ORGANIZATION

NAME:

Integrated Rural Development Center (*Centre de Développement Rural Intégré*) 'CEDERI-Madimba' A.S.B.L./O.N.G.

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Associate Member of Susila Dharma International, in Consultative Status with
United Nations ECOSOC

LEGAL STATUS:

Located in Madimba, 100km from Kinshasa, capital of the Democratic Republic of Congo, on National Road N° 1 (Kinshasa-Matadi), the Integrated Rural Development Center (CEDERI-MADIMBA) is a non-profit association and a non-governmental organization (NGO). It was created on 12 September 1990 and its bylaws were certified in 1995.

GENERAL AIM:

The CEDERI aims to improve the socio-economic situation of the rural area with the active participation of the affected population who are the direct beneficiaries. It carries out activities in Madimba and Kasangulu territories in particular.

SPECIFIC GOALS:

- To train and support rural communities in their activities;
- To promote family enterprises in grassroots rural communities;
- To promote health activities (preventative and curative medicine);
- To fight against poverty in the rural population;
- To fight against desertification and deforestation by reforestation and conservation activities in the community's forests.

AREAS OF ACTIVITY:

CEDERI-Madimba intervenes in 5 areas, as follows:

- Training
- Agriculture and livestock
- Health
- Environment

DIRECT BENEFICIARIES:

CEDERI-Madimba's action is directed towards associations and households in the area's villages without discrimination to gender, age or religious beliefs, depending on the real needs felt and expressed by the beneficiaries.

ORGANISATION OF CEDERI:

The CEDERI is made up of 3 governance bodies, which are:

The General Assembly

The General Assembly is the highest governance of CEDERI. It meets once a year in ordinary session and in extraordinary session whenever the need arises upon convocation by the President. It sets Institution's directions.

Board of Directors

The Board meets once a year, and can meet in extraordinary session whenever the need arises. It enforces the decisions of the General Assembly and ensures the smooth running of the institution. The directors on the Board are not remunerated.

The Management Committee

The Management Committee is the executive body responsible for the day-to-day management of all CEDERI-Madimba activities.

PROJECT DESCRIPTION AND JUSTIFICATION

The town of Madimba is located 100km from Kinshasa. It is the capital of Madimba Territory in the province of Central Congo and has a population of $\pm 7,000$ inhabitants.

To relieve poverty in this town and its surrounding area, the NGO CEDERI set up a Health Center with 30 beds including a men's ward, women's ward, a laboratory, consulting room, operating theatres, waiting room, pharmacy and maternity ward. This Center applies the government policies on basic health care, disease preventive and curative medicine. It was chosen by the state as the Kisantu Health Zone's official and main Health Center and the main center in the Madimba Health Area.

The Center faces many difficulties due to a lack of water. The state company for water provision, the REGIDESCO, does not exist in Madimba.

However, water is vital for a medical structure, especially for the maternity ward and the sanitary installations in general. Patients, including women who have just given birth, have to walk long distances in order to get water, and cleanliness and hygiene in the Center are difficult to ensure in the absence of running water.

To rectify this situation, we have installed a rainwater catchment system with a 1,000-litre capacity tank. However, consumption is a lot higher than the amount of water collected, and after two days without rain the water becomes scarce. During the dry season conditions are very challenging, especially for the new mothers.

Faced with these difficulties, CEDERI wanted to relieve the burden of these women, who daily to walk long distances to get water with heavy containers on their heads. As a solution we presented a project to the NGO SUSILA DHARMA INTERNATIONAL to bring water to the Madimba Health Center, and to the village of Kimbobolo.

The project consisted of digging a brick well, constructing a shelter that would house the emerged electric pump to convey the water to the Center and Kimbobolo Quarter with the aim of lifting women out of poverty and fulfilling one of the United Nations Sustainable Development Goals.

As soon as this project was completed, we noticed a lot of enthusiasm from people coming to ask us for the same project in 3 other districts of Madimba, given the distance that separates them from the water source of Kimbobolo – varying from 1.5 km to 2 km. Their needs are justified, because they too have the same difficulties regarding water. The women and children travel long distances, often uphill, to stock up on drinking water. To meet the needs felt

and expressed by the population of these three districts, we want to carry out a project of supplying drinking water for:

- Liberta with 2,100 inhabitants;
- Kibambi with 2,000 inhabitants;
- And Mingambu with 2,200 inhabitants.

When the project has been completed, CEDERI will have alleviated the misery of this population, especially the women, girls and children, who are the primary beneficiaries of this project. This will have an immediate and lasting positive impact on the lives on the target population.

The project consists of 1) constructing a water storage tank next to a source of drinking water for each district, 2) building slabs and posts for the cistern covering and a shelter to house the pumps, 3) purchasing plumbing and electrical materials, 4) building a water supply point in each district.

OVERALL GOAL

- To supply the population of the Liberta, Kibambi and Mingambu neighbourhoods with drinking water to lighten the burden of women, girls and children.
- To combat poverty in order to reduce the hardship and misery of the target population, by creating more time for economic activities like agriculture.
- To protect the population from waterborne diseases.
- To improve the living conditions of women, children and girls.

SPECIFIC AIMS

- To improve living standards, especially of women and their children, and those of the target population in general.
- To make it easier for the target population to obtain water every day and in all seasons.
- To protect the beneficiary population against water-borne disease.
- To lighten the work of women who have to walk long distances to get water for drinking and other needs.
- To fulfill the Sustainable Development Goals in the area of water (*Goal 6: Ensure availability and sustainable management of water and sanitation for all*).

PROPOSED METHODOLOGY FOR REACHING THE GOALS (ACTIVITIES)

The general aim will be reached by carrying out the following activities:

Activity 1 : Erecting a billboard on National Road n° 1 to indicate the sites of the project and the financing organization.

The NGO will work with its civil engineering partner for the manufacture of a visible billboard.

Activity 2 : Choice and layout of the sites.

The site will be chosen in collaboration with hydrological partners in view of finding a site that will provide water all year round, even in the dry season.

Activity 3 : Purchase of materials and equipment

Technicians in every relevant field (plumbing, masonry and electrics) will be involved in the purchase of materials.

Activity 4 : Construction of tanks for storing drinking water

The well will be dug in the site chosen by the hydrologist, not far from water sources.

Activity 5 : Installation of the pipes

The pipes are finally laid underground from the source to the reservoir sites

Activity 6 : Masonry of the well

For safety and hygiene reasons, this well will be built of cement blocks and will have gravel in the bottom to allow the penetration of water in the well and will be covered by a slab to protect it.

Activity 7 : Installation of electric pumps

Electric pumps will be installed next to the tanks to allow the pumping of water to the plastic tanks. These materials will be placed in a small shelter built of durable materials with a metal door.

Activity 8 : Connection

Connection to the electricity supply from a place not far from the site.

Activity 9 : Monitoring and Evaluation

This important activity will be carried out from the beginning of work, during and after the project with a view to its success and

safety: the beneficiary population and the Center's directors will oversee the proper working and maintenance of this facility that is so important for the population.

A monitoring and evaluation mechanism will be put in place for maintenance, follow-up and monitoring.

ASSOCIATED RISKS

For this project, the potential risks are in 2 categories, as follows:

1. Internal risks

Internal risks	Mitigation measures
<ul style="list-style-type: none"> • Negligence on the part of the target population • The well being dry • Conflict in the management of this project 	<ul style="list-style-type: none"> ➤ Awareness-raising with the beneficiary population ➤ Digging the well near a watercourse ➤ Creation of a committee for conflict resolution and project management

2. External risks

External risks	Mitigation measures
<ul style="list-style-type: none"> • Currency devaluation • Disinterest of the target population • Bad economic behavior of the beneficiaries around use of the facilities 	<ul style="list-style-type: none"> ➤ Timely withdrawal of the funds ➤ Raising awareness and educating the beneficiary population ➤ Organizing educational sessions to correct and educate the population

LENGTH OF PROJECT EXECUTION

The project execution will last 4 months or 120 days.

EXPECTED RESULTS

a) Short term

- Billboard set up on National Road n°1;
- Project site chosen and adapted;
- Materials and equipment acquired;

- Well dug and tanks built;
- Electric pumps installed next to the tanks;
- Drinking water supply is established.

b) Medium term

- The target population has access to drinking water;
- Living standards and quality of life are improved, especially for women, girls and children;
- Poverty is relieved;
- Water is available at all times;
- Women are spared having to walk long distances with heavy burdens.

c) Long term

- Living standards and quality of life are improved;
- The target population is protected from water-borne diseases;
- The work of women, girls and children is facilitated.

PROJECT TIMELINE: EXECUTION AND EVALUATION CALENDAR

List of activities necessary for project execution, follow-up and evaluation				Length of activity			
				Month			
N°	Activity	Person responsible	Verifiable indicator	1 st month	2 th month	3 th month	4 th month
1	Erection of billboard	<ul style="list-style-type: none"> - 1 fitter - 1 painter - 1 NGO member. 	<ul style="list-style-type: none"> - Hoarding set up on RN n° 1 - Photo - Report. 	X			
2	Choice and adaptation of site	<ul style="list-style-type: none"> - NGO Director - 2 NGO members - 3 community delegates - 1 hydraulic technician 	<ul style="list-style-type: none"> - Photo, - Site chosen - Administrative report 	X			
3	Purchase of materials and equipment	<ul style="list-style-type: none"> - 2 NGO staff - 1 plumber - 1 electrician 	<ul style="list-style-type: none"> - Materials and equipment purchased as planned - Receipts - Photos - Report 		X	X	
4	Well digging	<ul style="list-style-type: none"> - 1 technician - 1 plumber - 6 labourers 	<ul style="list-style-type: none"> - Existence of well - Photo - Receipts - Report 	X	X		
5	Construction of reservoirs	<ul style="list-style-type: none"> - 2 builders - 1 reinforcing iron worker - 1 builder's assistant 	<ul style="list-style-type: none"> - Existence of well - Photo - Receipts - Report 	X	X		

		– 1 foreman					
6	Channel digging	– 1 plumber – 6 labourers	– Photo – Receipts – Report			X	X
7	Installation of emerged electric pumps	– 1 technician – 1 plumber – 1 NGO staff	– Receipt of purchase – Photo – Existence of the pumps				X
8	Connection	– 1 electrician – 1 plumber – 1 NGO member	– Photo – Administrative report received			X	X
	Monitoring and evaluation	– 1 Project coordinator – 1 evaluator – 1 consultant – 1 community representative	– Administrative report	X	X	X	X

ESTIMATE OF COSTS**A. Local contribution**

1. Transport and handling of plumbing materials	: \$1,500.00
2. Transport and handling of masonry materials	: \$2,100.00
3. Sand	: \$900.00
4. Electricity bill	: \$2,400.00
5. Feasibility study	: \$500.00
6. Volunteer labour	: \$2,100.00

TOTAL LOCAL CONTRIBUTION : \$9,500.00

B. Funding requested : \$54,000.00

C. Administration fees : \$8,100.00

TOTAL COST OF PROJECT : \$71,600.00

SUPPORT REQUESTED (TOTAL COST OF PROJECT – LOCAL CONTRIBUTION): \$62,100.00

PROJECT LENGTH, COST, AND FUNDING PLAN

Duration of action plan : 4 months

Cost : 63,500.00 USD

Project funding plan :

Element	Funds requested	CEDERI	Local support (Communities)	Total
1 st installment	27,000.00 USD	2,000.00 USD	2,750.00 USD	31,750.00 USD
2 nd installment	21,600.00 USD	1,400.00 USD	1,600.00 USD	24,600.00 USD
3 rd installment	5,400.00 USD	800.00 USD	950.00 USD	7,150.00 USD
Subtotal	54,000.00 USD	4,200.00 USD	5,300.00 USD	63,500.00 USD
5% Administration fee for SD Congo	2,700.00 USD	0	0	2,700 USD
10% Administration fee for SDIA	5,400.00 USD	0	0	5,400.00 USD
TOTAL	62,100.00	4,200.00 USD	5,300.00 USD	71,600.00 USD

Funds requested on Make it Happen

Element	Funds requested	CEDERI	Local support (Communities)	Total
1 st installment	27,000.00 USD	2,000.00 USD	2,750.00 USD	31,750.00 USD
5% Administration fee for SD Congo	1,350.00 USD	0	0	1,350.00 USD
10% Administration fee for SDIA	2,700.00 USD	0	0	2,700.00 USD
TOTAL	31,050.00 USD	0	0	35,800.00 USD

BANK DETAILS

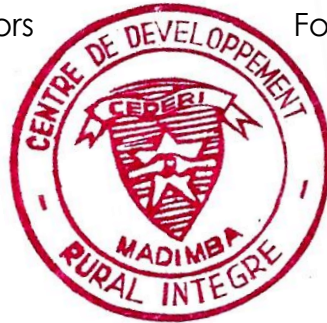
Our organisation has a bank account. It is:

- ProCreditBank RDC
Account number: 1301-17102882-12-00, intitulé CEDERI-MADIMBA (ASBL)
Mbanza-Ngungu Branch

Madimba, 13 April 2017

For the Board of Directors

Germaine VULAMA



For the Management Committee

Ferdinand BISALUMVUAMA

Executive Director