Development of Renewable Energy in Cameroon

With a population of about 20 Millions inhabitants, Cameroon has a great potential of renewable energy: biomass from agricultural, timber and domestic wastes, small hydro, solar and wind etc.

Presentation by Michel Takam, ADEID, Cameroon
INFORSE - HELIO - SSNC Side Event at UNFCCC COP17, Durban
Renewable Energy Policies Climate Resilience, Sustainable Development & Poverty Reduction

Proceedings: http://www.inforse.org/europe/conf11_COP17.htm
http://www.inforse.org/africa/

INFORSE

-The access rate to electricity per households is around 40% for the whole country and less than 15% in rural areas.

- Concerning cooking gas, the access rate is around 37% in urban areas and 2.5% in rural areas with 0.6% for poor households.

In order to improve access of poor to energy, ADEID is involved in

Renewable Energy For Poverty Alleviation and Rural Development in the Mountain Regions of Cameroon

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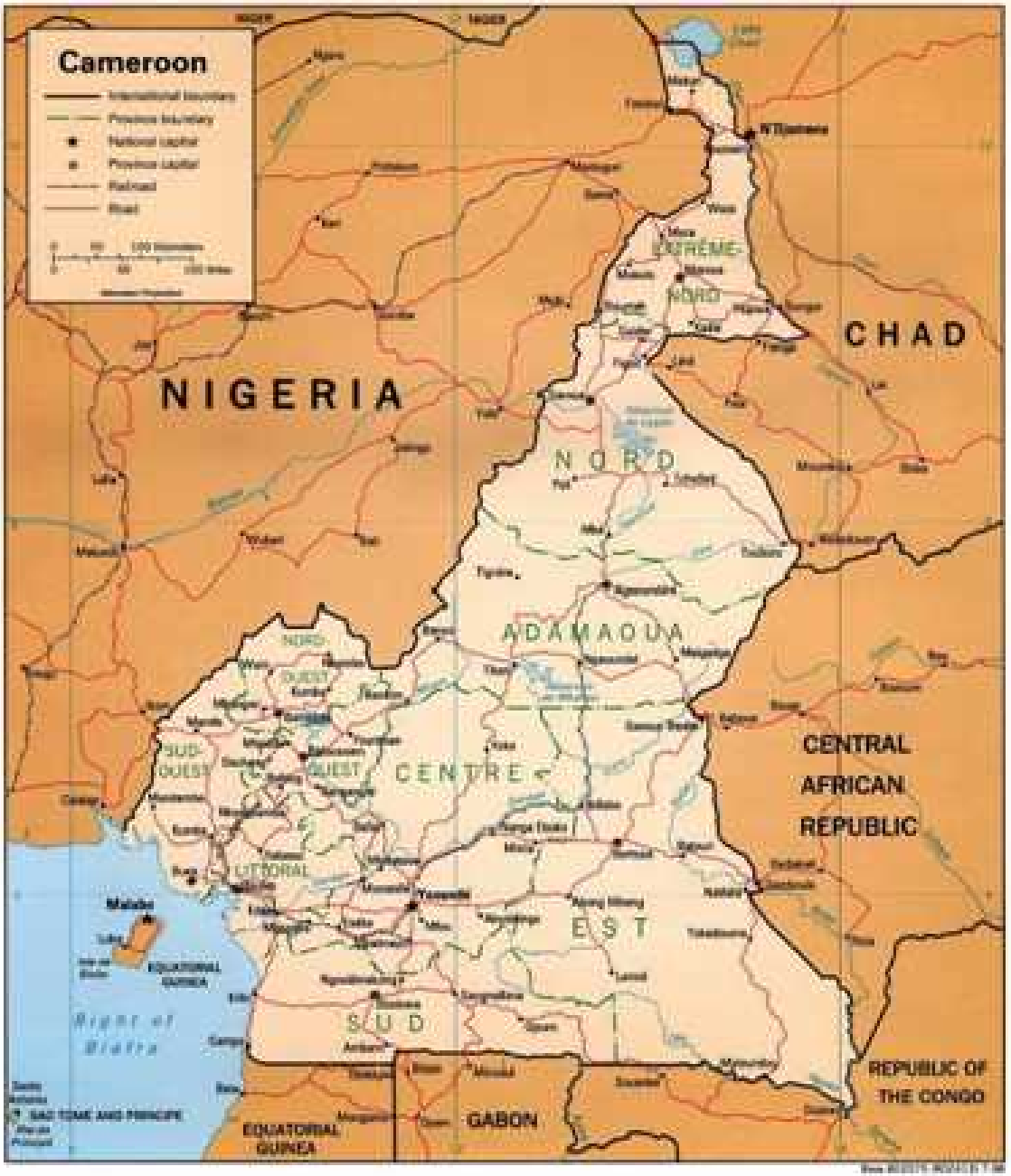

Cameroon
International boundary
Province boundary
National capital
Province capital
Railroad
Road
NIGERIA
CHAD
CENTRAL AFRICAN REPUBLIC
REPUBLIC OF THE CONGO
GABON
EQUATORIAL GUINEA
SAO TOME AND PRINCIPE
Bight of Biafra
Malabo
EXTREME-NORD
NORD
ADAMAOUA
CENTRE
EST
SUD
LITTORAL
NORD-OUEST
OUEST
SUD-OUEST

Global objective

- This project has two main global objectives.
- I- To develop energy resilience of vulnerable communities.
- II- To improve the access to basic energy services using climate friendly technologies.
- **The specific objectives:**
- To develop energy resilience of vulnerable communities

1- Communities are trained to energy efficiency

- 2- Communities are aware of climate hazards and the way to adapt
- To contribute to improve the access to basic energy services using climate friendly technologies.
- 3- Renewable energy systems are promoted for livelihood and for women small and medium rural enterprises.
- 4- Local capacities are built in equipment construction, installation, maintenance and management.

Some realisations and Effects

Construction of the dam at Wabane

Sedimentation tank in Quibeka village

Fabrication of turbines

Installation of turbines

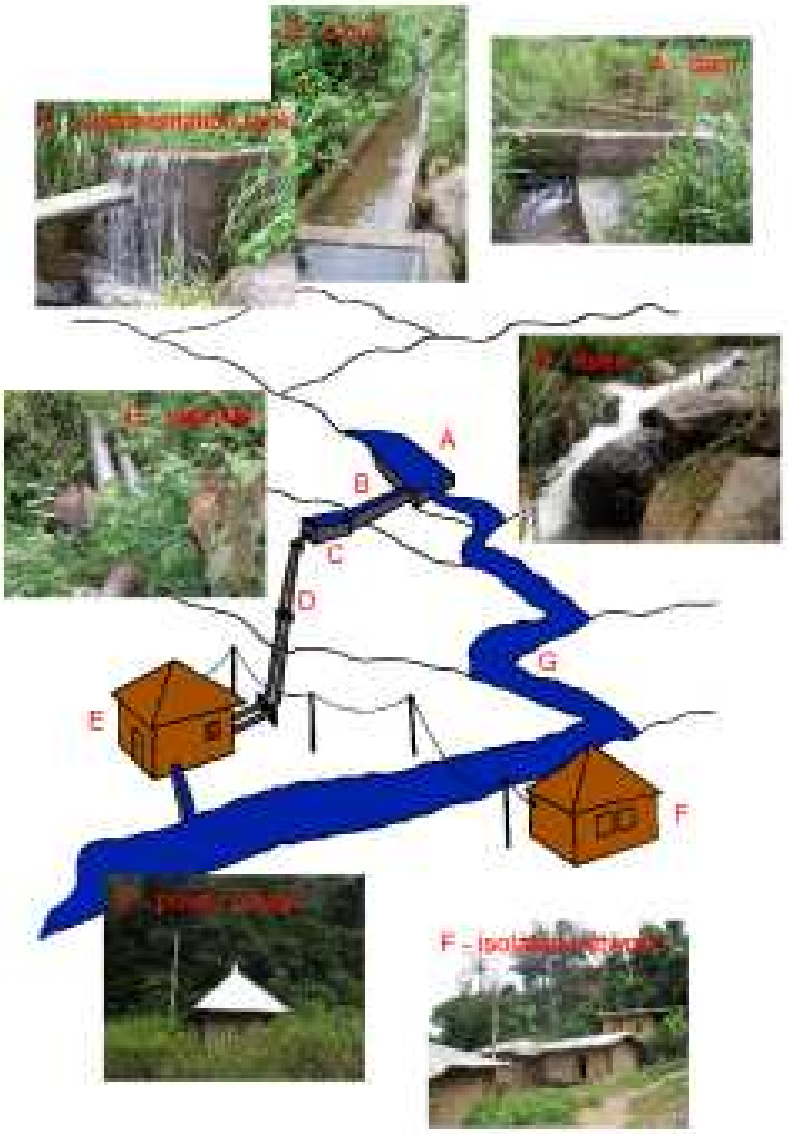
Regular visits to existing installations

Connection of grid

Construction of a biogas plant

ADEID carries out Climate change sensitisation in some schools

Micro Hydropower Plant
Wabane



Presentation d'un ménage électrifié

Ecole primaire de Quibeku électrifiée

Barrage de Bamunkumbit

Ligne de tuyauterie de la case d'équipement de Bamunkumbit

Catholic primary school Bamunkumbit electrified

Bamunkumbit's Health centre electrified

Electrification of Bamunkumbit market

Prebyterrian church Bamunkumbit electrified

Bamunkumbit's Presbyterian Church electrified

Catholic primary school Bamunkumbit electrified

TCHOUANDENG Dschang, West.

Dam at Tchouandeng

Connection of the grid in Tchouandeng

Lightening of a health center

A primary school electrified with ADEID'MHP

Renewable Energy Policies Climate Resilience, Sustainable Development & Poverty Reduction

Energize our local … Green Economy … Together

THANKS!