



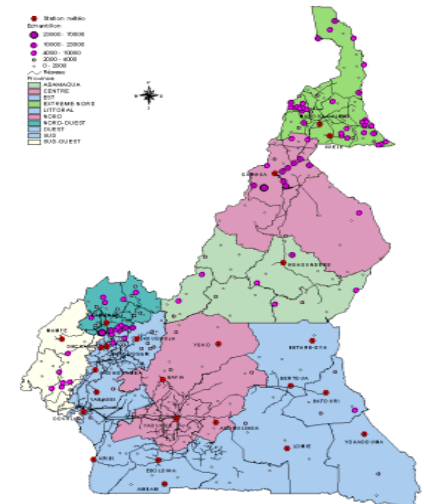
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SUMMARY

National Energy Action Plan (NEAP) Cameroon

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CAMEROON



By Justin NTSAMA
GVEP National Coordinator

GVEP first Partner Assembly Meeting
Brasilia, Brazil
October 18-21, 2005



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CAMEROON IN AFRICA

National Energy Action Plan (NEAP) Cameroon

Country: Republic of Cameroon
Location: in the heart of Africa – Golf of Guinea
Land: 475.000 sq km
Population: 16.4 millions in 2004
Official Languages: French and English
Administration: 10 provinces
Currency: CFA franc
Life expectancy: 54 years
Poverty rate: 40.2% in 2003
GDP: 730 \$ US in 2003
Unemployment rate: 14%
Infant mortality: 77/1000
HIV prevalence rate: 11%
Energy consumption: - Electricity: 14%
-Petroleum: 21%
-Traditional energies (biomass, wood): 65%



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GVEP National Coordinator



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CAMEROON: THE ROUTE TO THE NATIONAL ENERGY ACTION PLAN (1)

National Energy Action Plan (NEAP) Cameroon

September 2000: Millennium summit - MDG and associated targets

April 2003: The MDGs Target were put into the national context within the framework of the PRSP

July 2003: Joint ESMAP-UNDP-GVEP international workshop in Douala on « Modern energies and poverty reduction » There it was observed that cameroon PRSP did not integrated access to modern energy services. Thus the cameroon group, led by the government recommended the establishment of a multi-sector, multi-actors working group to elaborate a National Energy Action Plan (NEAP)

December 2003: Gov. In collaboration with ESMAP, UNDP and GVEP launched a project titled »support to the promotion of multi-sector based partnership to fight against povert ». This project is the GVEP implementation framework in cameroon with the main objective to elaborate National Energy Action Plan

January 2004: Project document was signed and, the interministerial group was established, a coordinator designated

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CAMEROON: THE ROUTE TO THE NATIONAL ENERGY ACTION PLAN (2)

National Energy Action Plan (NEAP) Cameroon

March – May 2004: Energy data collection in central services in the different sectors– A team of 6 national consultants was used to that effect – A preliminary report on energy uses was then issued

August - November 2004: A full participative approach through 10 provincial workshops on « energy and poverty alleviation » engaging all the stakeholders: local authorities, provincial delegates in different sectors, NGO, civil society, SMLE, etc. Specific energy data sheets were used to capture energy needs in the priority sectors for poverty alleviation

Guidelines for energy uses data collection include:

- sector (activity) in regard to energy and poverty reduction
- different actors involved
- legal framework
- existing operational structures
- existing energy sources, desired energy sources
- number of structures provided and not provided
- energy provision opportunities in the region
- distance from existing energy source (network, petrol station, etc.)
- targeted population

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GVEP National Coordinator



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CAMEROON: THE ROUTE TO THE NATIONAL ENERGY ACTION PLAN (3)

National Energy Action Plan (NEAP) Cameroon

December 2004: Draft I of the national energy action plan (NEAP) taking into consideration the data collected from central services, the data collected through the 10 provincial workshops, the revue of all the ongoing projects in the energy sector.

February 2005: Donors Meeting, Yaoundé Hilton for the revue of Draft I NEAP - Several remarks and commentaries were made

October 2005: 1) Draft II of the NEAP with the assistance of an international Consultant allocated by ESMAP 2) Launching of a special program on Technical Assistance to energy SME in the framework of the NEAP – funded by ESMAP (1 million \$ US)

November 2005: 2 days national workshop on the validation of the NEAP – Then final Report of NEAP

December 2005: Formal approval by the Government

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GVEP National Coordinator



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CAMEROON: Reducing Poverty – Achieving the MDG – The prevailing situation (1)

Cooking energies

National Energy Action Plan (NEAP) Cameroon

Households per income	Wood %	LPG %	Kerosene %	Others %
20% most poor	98,7	0,2	0,9	0,2
20% 2nd	94,5	1,7	3,1	0,7
20% 3rd	89,4	4,5	4,9	1,2
20% 4th	78,4	10,3	10	1,3
20% 5th	48,9	33,4	14,4	3,3

25% of families in Yaoundé (the capital city) use only Wood for cooking

36% in Douala and about 98% in rural areas

Only 970.000 bottles of gas in circulation for about 3,2 millions household

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CAMEROON: Reducing Poverty – Achieving the MDG – The prevailing situation (2)

Access in some key sectors

National Energy Action Plan (NEAP)
Cameroon

Key sector	Existing structures	Provided	Not provided	Access rate %
Education	10.220	3.549	6.671	35
Health centres	1.354	431	923	32
Water systems	442	160	282	36
Social welfare	499	414	85	83
Women empowerment centres	95	64	31	67

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By Justin NTSAMA
GVEP National Coordinator



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ABSTRACT OF THE NATIONAL ENERGY ACTION PLAN (1)

National Energy Action Plan (NEAP) Cameroon

- 1) In addition to the PRSP, the NEAP is a coherent framework, a new dynamism, a new approach aiming to place access to basic energy services at the helm of the economic and social development of Cameroon.**
- 2) Intensive involvement of the government in the early stages was very critical in defining the focus in relation with PRSP, then a very active support of UNDP and the Worldbank (ESMAP)**
- 2) The main objective is to improve the access to basic energy services to poor people, about 40% of the total population of the country (16.4 millions in 2004)**

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By Justin NTSAMA
GVEP National Coordinator



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ABSTRACT OF THE NATIONAL ENERGY ACTION PLAN (2)

National Energy Action Plan (NEAP) Cameroon

Components	Brief description
1	Cooking energies
1.a	Wood, biomass – subsidizing improved fire cooking tools
1.b	Domestic gas (LPG) – Subsidizing 1st 12,5 kg bottle for the poor
2	Rehabilitation – improvement and extension of public lighting
3	Providing electricity to social and community establishments (schools, health centers, social centers, etc.)
4	Mini hydropower and biomass development for off grid electricity access
5	Intensive household connections in the concession territory
6	New rural electrification programs based on achieved results

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By **JUSUM NTSAMIA**
GVEP National Coordinator



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ABSTRACT OF THE NATIONAL ENERGY ACTION PLAN (3)

National Energy Action Plan (NEAP) Cameroon

Components	Brief description
7	Promotion of low energy consumption equipments in the local market
8	Technical Assistance and financial kick off support to energy SME
9	Local capacity building in energy related services for central administration services, NGO, SME and other stakeholders in poverty reduction
10	Studies and energy services planning tools
11	National energy action plan management and coordination of the different actors

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GVEP National Coordinator



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EXPECTED RESULTS Period: 2006-2016

National Energy Action Plan (NEAP) Cameroon

10.000 fire cooking tools subsidized over 10 years (2007-2016)

258.000 LPG bottles (12,5 kg) over 10 years (2007-2016)

- 18.000 public lights in the 10 provincial capital cities (2007-2016)**
- 2.000 public lights in 50 secondary centers (2007-2016)**
- 2.936 public lights in 734 community centers (2007-2016)**

- 1.198 general educational schools provided with electricity by 2009**
- 110 technical education schools provided with electricity by 2009**
- 923 health centers provided with electricity by 2009**
- 191 water supply systems in rural areas**
- 150.000 new electricity connections in the concession by 2016**
- 288.300 new rural electrification connections by 2016**
- 15 training workshops in energy and poverty related issues by 2008**
- (Among others, for details, see gvep update report on Cameroon))**

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GVEP National Coordinator



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COSTS OF THE NATIONAL ENERGY ACTION PLAN (1)

National Energy Action Plan (NEAP) Cameroon

Components	Brief description	Costs F CFA 1 Euro = 655 F FCFA
1	Cooking energies	
1.a	Wood, biomass – subsidizing improved fire cooking tools	1.202.250.000
1.b	Domestic gas (LPG) – Subsidizing 1st 12,5 kg bottle for the poor	3.167.850.000
2	Rehabilitation – improvment and extension of public lighting	52.332.000.000

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GVEP National Coordinator



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COSTS OF THE NATIONAL ENERGY ACTION PLAN (2)

National Energy Action Plan (NEAP) Cameroon

3	Providing electricity to social and community establishments (schools, health centers, social centers, etc.)	39.674.250.000
4	Mini hydropower and biomass development for off grid electricity access	2.761.500.000
5	Intensive household connections in the concession territory	15.750.000.000
6	New rural electrification programs based on achieved results	30.271.500.000
7	Promotion of low energy consumption equipments in the local market	1.181.250.000
8	Technical Assistance and financial kick off support to energy SME	1.085.400.000

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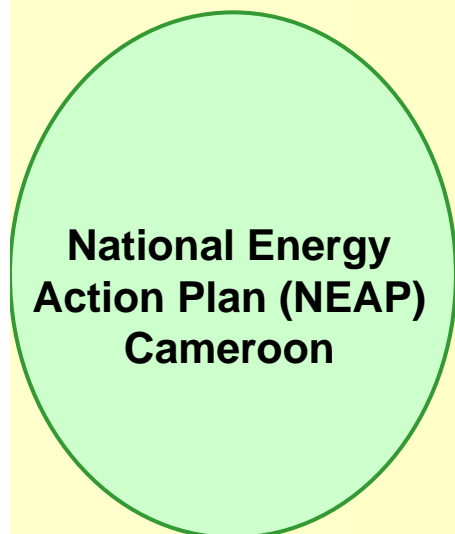
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COSTS OF THE NATIONAL ENERGY ACTION PLAN (3)



9	Local capacity building in energy related services for central administration services, NGO, SME and other stakeholders in poverty reduction	787.500.000
10	Studies and energy services planning tools	412.500.000
11	National energy action plan management and coordination of the different actors	395.640.000
	TOTAL costs CFA francs by 2016	149.021.640.000 Or 227.513.954 Euro

Funding: Work under progress – Expected sources: national (public investment budget, HIPC funds, international donors, SME, Rural electrification fund to be created, etc.)



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GVEP Activities in Cameroon

National Energy Action Plan (NEAP) Cameroon

Executive Agency: Rural Electrification Agency of Cameroon

Supervision: Interministerial Follow-Up committee comprising administration representatives, NGO, and partners

Provincial follow-up committees at the provincial level

- 1) The NEAP stems from the political will of the cameroon head of stade, his excellency Paul BIYA
- 2) It is fashioned to support the Poverty Reduction Reduction Strategy Paper (PRSP) published by the Government in april 2003, revised in june 2005
- 3) It was elaborated following a very large participative approach associating: administration, NGO's, village organisations, businessmen, development partners
- 4) The NEAP is technically feasible and economically viable, thus a strong support of international partners very much awaited

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GVEP National Coordinator



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WHAT'S NEXT?

National Energy
Action Plan (NEAP)
Cameroon

End October 2005

Draft II of the National Energy Action Plan

November 2005

**2 days national Workshop in Yaoundé to
validate the NEAP - GVEP, ESMAP, UNDP and
other partners are kindly invited**

December 2005

**Formal approval of the Government and
publication of the NEAP**

January 2006

Official Kick off of the NEAP

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NEAP ALREADY INTO EXECUTION?

National Energy
Action Plan (NEAP)
Cameroon

YES!

June 2005, even before completion

Integration of NEAP in the PRSP (revised) which was one of the key objective

September 2005: start up of Component 8 Technical assistance and financial support to energy SME

This component is just taking off, thanks to a 1 million \$ ESMAP grant. It comprises 5 activities, namely:

Activity 1: Setting up of an pilot committee for supervision, preparing project document, designation of a coordinator and discussion with ESMAP (done)

Activity 2: inventory of energy SME and a diagnostic study on the sector

Activity 3: (03) Regional training workshops for energy SME (legal framework, technical and financial aspects, fiscal incentives) – Draft action plan

Activity 4: National workshop on energy SME – National action plan

Activity 5: Execution – pilot projects

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CAMEROON: NEAP IMPACTS BY 2016

Impacts in some key sectors

National Energy Action Plan (NEAP) Cameroon

Cooking: - 10.000 new firewood cooking tools
- **LPG:** 258.000 new bottles (12,5 kG) introduced in the market

Education: 100% public structures (secondary level) provided with electricity
40% public structures (primary level)

Health centres: 100% integrated health centres provided with electricity

Water systems: 80% rural water systems running with electricity

Women Empowerment centres: 100% WEC running with electricity

Social welfare centres: 100% SWC running with electricity

AMONG MANY OTHERS!

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ABOUT THE METHODOLOGY

National Energy Action Plan (NEAP) Cameroon

Based on GVEP experience gained on the route of the NEAP, the country team is confident that other countries can adopt the outline process below as a methodology

- 1) Government – UNDP-ESMAP-GVEP consultations leading to the signing of a project document (the one of Cameroon can be shared)
- 2) The creation of an inter-ministerial multi-actors, multi-sectors based working group for the supervision
- 3) Formal Designation of a national gvep coordinator
- 4) Energy data collection on the use of energy services in the key sectors the fight against poverty (referring to the PRSP)
- 5) Regional workshops to facilitate the participation of grassroots actors (energy data sheets can be provided for help)
- 6) Draft I on the NEAP
- 7) National workshop on the draft NEAP
- 8) Final copy of NEAP and formal approval by the government

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LESSONS LEARNT

National Energy Action Plan (NEAP) Cameroon

- ! For those countries with PRSP, first have a very close look at it and identify the key sectors in poverty reduction and the different stakeholders
- ! Be sure of strong political will and government commitment a the early stages
- ! Identify Energy uses in the key sectors for the fight against poverty through a participate approach including all the stakeholders concerned – Go to grassroots actors
- ! Create a positive dialogue between the energy sector where you have the expertise and the other sectors using energy (Health, education, agriculture, social welfare, women empowerment, etc.)

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National Energy
Action Plan (NEAP)
Cameroon

The Cameroon team kindly invite you
to attend the 2 days national workshop (Nov. 2005)
for intensive work on the Final Report
of the National Energy Action Plan

**MANY THANKS
FOR YOUR KIND ATTENTION**

From

Justin NTSAMA
GVEP Coordinator – Cameroon
ntsama_justin@yahoo.fr

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GVEP National Coordinator