

# Development and Energy in Africa

**Synergy between Energy and others  
strategic sectors for poverty reduction and  
development**

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# NEWS PARADIGMS

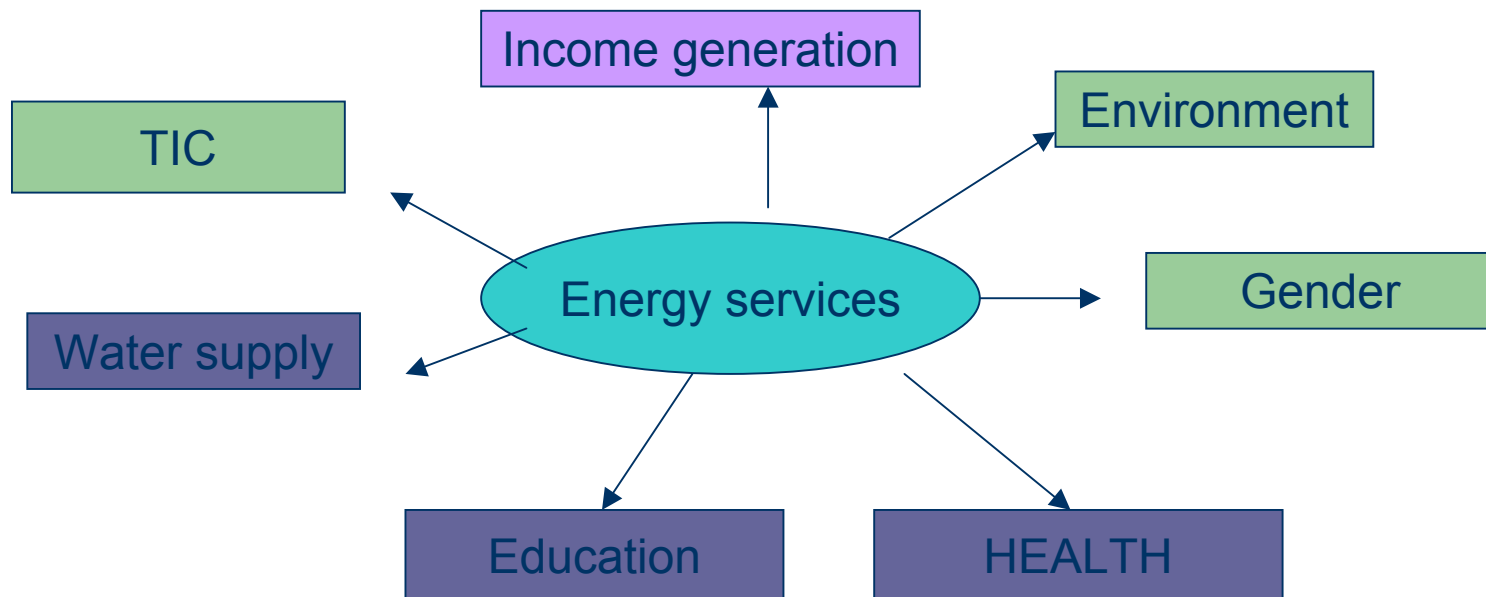
- **MILLENNIUM DEVELOPMENT GOALS**
- **PRSP**
- **Decentralisation process**
- **Energy access ?**

# KEYS QUESTIONS

- **What are the potential roles for energy services to achieve the development objectives in the perspective of poverty reduction ?**
- **How can policy makers take into account the energy dimension for achieving the objectives of the PRSP?**
- **What lessons can we learn from PSRP implementation ?**
- **Which policy gaps could be exploited and what types of interventions are required ?**
- **How can our investigation influence policy decisions?**

# Linkages between energy services and others sectors for poverty reduction and development

## Transversal vision



# Energy services and education

- Linkages between energy and education must be analyse regarding two priorities :
  - Improvement of access to primary education and literacy classes
  - Improvement of quality of education
    - Energy services for TIC access
    - Lighting schools and houses

# Linkages Energy-Environment

## Examples of current practices of energy impacts

### Environnemental

- ❖ Deforestation; soil erosion and processes of deforestation
- ❖ Pressure on natural resources through (agricultural) intensification
- ❖ Pollution with consumption of biomass energy

### Social

- ❖ Increase in incidences of poverty
- ❖ Widening gaps - gender implications
- ❖ health

# Agricultural needs have direct energy linkages

MDG	Energy services	Agriculture sector
<p><b>Goal1: Eradicate Extreme poverty and hunger</b></p> <p>target 1: halve the proportion of people with income more than US \$ 1/day between 1990-2015</p> <p>target 2: Halve the proportion of people who suffer from hunger between 1990 and 2015</p>	<p><b>Rural motorisation</b></p> <p><b>Mechinery for water supply</b></p> <p><b>refrigeration</b></p> <p><b>drying</b></p>	<p><b>Intensify and modernise agriculture process</b></p> <p><b>Irrigation increase food production</b></p> <p><b>Promote SME for transformation and conservation of agriculture products</b></p> <p><b>Development of craft industry</b></p> <p><b>Water manegement</b></p>

# Lessons laerning from PSRP Implementation

- Energy is taken into account in the PRSP using a sectoral approach
- Lack of synergies
- Multiplying factor is absent
- Energy is not an end in itself but a means to development; a catalyst for poverty alleviation and more generally an instrument of development



# Policy Gaps

- Lack of linkages between energy policy and sectoral policy
- Difficulty to take into account the poor in the energy policy reform (policy reform is market oriented)
- Energy reflexe weakness from all the national and local policy makers
- External conditionalities affect policy implementation
- institutional weakness

## Next step

- **Multisectorial approach to take advantage of synergies**
- **Strengthening concertation through policy dialogue**
- **Sharing of best energy practices through network activities**

# MEP Approach

- **Creation of a multisectorial committee**
- **Identification for projets and programmes in each sector (implemented or planning)**
- **Identification of energy needs for each sectorial programme**
- **MEP Elaboration**

# First Generation PREMs

<i>Concessions</i>	<i>PREMs</i>	<i>Sector</i>	<i>COST OF SECT</i>	<i>COST OF PREM</i>	<i>%</i>
			<i>PROG (MFCFA)</i>	<i>(MFCFA)</i>	
Dagana- Podor	Electrical Equipment for Health Infrastructure (SAN1/DP)	Health	1,335	49	4%
	Milk Collection and Transformation LAI1/DP	Farming / Ind	9,900	452	5%
	Sustainable Energy Supply to Rural Populations (ENE1/DP)	Energy /Biomass	5,663	300	5%
	Villages Water Supply (HYD1/DP)	Hydraulic	7,375	280	4%
	S/s Total		24,273	1,081	4%
Mbour	Electrical Equipment for Health Infrastructure (SAN1/MB)	Health	258	53	21%
	Electrical Equipment for Rural Schools (SCO1/MB)	Education	1,082	158	15%
	Electrification of Water Pumping(HYD1/MB)	Hydraulic	5,178	111	2%
	Modernization of Fiching Wharfs (PEC1/MB)	Fishery	1,989	56	3%
	S/s Total		8,507	378	4%
Kolda - Velingara	Electrical Equipment for Health Infrastructure (SAN1/KV)	Health	252	52	21%
	Electrical Equipment for Rural Schools (SCO1/KV)	Education	1,353	198	15%
	Corn Transformation (MAI1/KV)	Agric / indust.	1,390	162	12%
	Equipement and modernization of rural communities infrastructures (INF1/KV)	Social	27,900	57	0.2%
	Equipement and modernization of rural infrastructures (INF2/KV )	Infrastructure	25,800	43	0.2%
	S/s Total		56,695	512	1%

**MERCI BEAUCOUP !**



**THANK YOU**