



# Access to Energy in the ECOWAS community

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## ***What is ECOWAS ?***

- **Economic Community of West African States (CEDEAO)**, established in 1975
- 15 countries, 262 million inhabitants in 2005 to an expected 325 million in 2015
- 62 % of the population live in rural areas
- 13 of 15 countries categorized as LDCs
- Annual per capita income : \$US 1,3 per day



# *The energy challenge in ECOWAS*

- 16 % of hydro electric potential exploited.
- Less than 10% of the rural population have Access to electricity and the services it provides (illumination, mechanical power, cooling)
- 80 % of primary energy consumption relies on traditional biomass such as wood, agricultural residues, charcoal and dung for domestic purposes (cooking, heating, agricultural processing)
- Family energy needs met largely by women and girls, and fuel and water collection limits girls participation in school, impacts literacy
- Low levels of public services (education, health etc) impacted by lack of energy
- Rural jobs and agricultural value addition limited by lack of energy

**Achieving the MDGs will require Increased Access to Energy**



## ***Energy, a wide issue, and many specific concerns***

The region is endowed with Natural Resources, the problem is:

- How to boost investment ?
- How to share resources within the region ?
- Why no international Goal on Energy in Africa ?
- Shall we insure development or environment first ?
- When will rural people get modern energy services for productive purposes ?
- How to promote growth of actual low international ODA used for Energy issues ?
- Etc...



# ***ECOWAS Energy Programmes, taking steps***

## **Intervention at all stage of the energy chain**

1- Developing the use of local resources for the expansion of electricity Generation and exchange capacity (hydro, gas).

2- Developing cross-border interconnections within the context of a regional integrated energy market development to boost economic growth.

3- Boost and optimize the availability and the end use of energy, by ensuring increased access to energy services to rural and peri-urban economies to fight against poverty:

- Public and community infrastructures,
- Domestic fuels,
- Small private entrepreneurs.



# The WAGP (West African Gas Pipeline)

- Project to transport Nigerian Natural Gas to Ghana, Togo and Benin
- 600 km pipeline at US\$ 610 million
- Project nearing completion- Gas to flow in April 2006

## Benefits:

- Regional value addition of natural resources
- Cheaper and cleaner energy sources
- 10 000 to 20 000 primary sector jobs will be created
- 30 000 – 60 000 secondary jobs
- \$800 million in new industrial investment expected





# *The WAPP (West African Power Pool)*

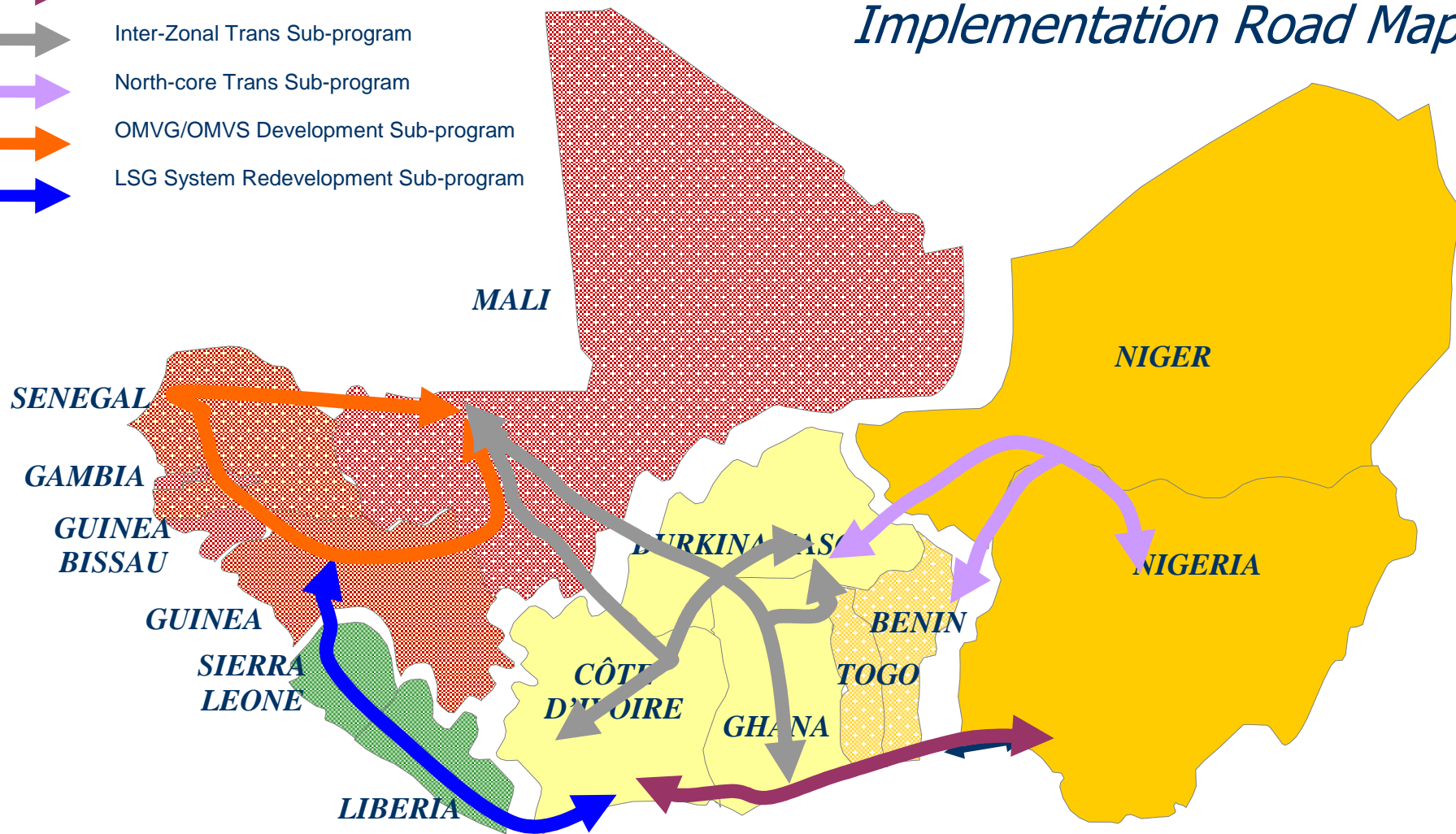
- To Integrate the national power system operations into a unified regional electricity market
- Provide Adequate, reliable and affordable electricity
- Develop and share hydro and gas resources
- Coordinating and promoting the development of the regions generation and transmission infrastructure and regional electricity trade
- Quadruple inter-connection capacities within the next 20 years
- Projected investment of US \$16 billion
- Building the institutional framework :
  - Energy Protocol
  - Regional Regulatory Body



# The WAPP (West African Power Pool)

- Coastal Trans Backbone Sub-program
- Inter-Zonal Trans Sub-program
- North-core Trans Sub-program
- OMVG/OMVS Development Sub-program
- LSG System Redevelopment Sub-program

## Implementation Road Map





# *The Energy Access Programme*

## **A vision and objectives targeting MDGs:**

Aims to provide energy access to at least half of the population living in rural and peri-urban areas by 2015 . This amounts to a fourfold increase on 2005 figures.

## **3 specific objectives:**

- 1- Reinforce regional integration by pooling good practices, exchanges of experience for capacity building.
- 2- Promote harmonized political and institutional frameworks to include energy access as a key national priority for ensuring human development and achieving the MDGs.
- 3- Development of MDG based investment programs



# The Energy Access Programme

## A Regional Action Plan

**Various lines of action** (capacity building, support to programme formulation, regional financial mechanism, Knowledge Management,...)

**Regional Agency** designed to facilitate the implementation of the Regional Plan of Action

... designed to set the necessary **regional capacity** to support the Member States in formulating and implementing their investment Programmes

## National investment programs

Based on national political frameworks, coherent energy policies targeting poverty reduction in rural and peri-urban areas and achieving the MDGs

**Costing : \$16 / cap. / year**



# *The Energy Access Programme*

## Results in 2006

- Adoption of the **White Paper** in Niamey, January 2006 : A political commitment to promote access to energy services and a shared understanding and vision among ECOWAS Member States on objectives and way forward ;
- A **regional institutional framework** for programme coordination and regional / national coordination is set-up ;
- A common **methodological framework** adopted ;
- Launch of **Preparatory Activities** based on first fund mobilization results (Support to National Multisectoral Committees to undertake energy needs assessment ; Fund Mobilization and advocacy, Regional Agency feasibility Study) ;
- A **successful partnership** with Austria, France, UNDP, and the PDF.



# *The Energy Access Programme*

## **Next steps and challenges in 2007: Fulfil preparatory activities – Launch Action Plan**

- Reinforce **Regional and National Capacity** to implement the White Paper
- Support to all ECOWAS Member States in **formulating energy access investment programs** to meet the MDGs:
- Develop and further **operationalise regional strategies** in particular relative to :
  - Regional Financing mechanism for national investment;
  - Capacity Building Action Plan;
  - Knowledge Management and Networking ;
- Mobilisation of potential partners and donors to finance **implementation of the Regional Action Plan**.
- External funds 2007 Objectives : **US\$ 6 M for Regional Activities** and at least **US\$ 50 M mobilized for National Investments programmes**



# Conclusion

## Moving forward on Increasing Access to Energy

- At the highest level, ECOWAS and UEMOA have shown their **political commitment** in developing access to energy;
- This is why ECOWAS is currently reflecting Energy issues in the **Regional PRSP** as well as the **RSP- RIP**.
- This should facilitate the mobilization of support from the international community for the on-going effort of ECOWAS and UEMOA to:
  - Set up the appropriate institutional framework
  - Enhance the capacity needed to formulate and implement MDG based energy access development strategies
  - Formulate and implement a portfolio of investment programmes



# ***Conclusion***

**A new framework, an opportunity for partnerships**

**Thanks for your attention...**