

Implementation of the ECOWAS/UEMOA White Paper: Challenges and Opportunities

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ECOWAS

ECOWAS/UEMOA White Paper

- ▶ Harmonize AES national policy to reinforce reg'l integration, cooperation and cross border trade;
- ▶ Develop institutional and human capacity;
- ▶ Strengthen local technology development and dissemination
- ▶ Reinforce reg'l integration, cooperation and cross border trade by pooling best practices, knowledge and experience sharing
- ▶ Provide for a 51.2 b AES investment action plan
- ▶ Targets 36m households and 49,000 additional localities improved access to modern energy services,
- ▶ Envisages AES institutions

Highlights of Implementation

Policy: domestication of WP in national contexts; Niger, Togo, Burkina Faso, Senegal, Guinea, Gambia, Cote d'Ivoire, Benin, Sierra Leone; Ghana; Nigeria; Mali

Institutions: energy access coordination mechanism, WAGP, WAPP; ERERA; ECREEE; national multisectoral groups/committees

Programs: infrastructure networks, inter connections; energy access investments (7 countries); communication strategy; partnerships (2iE, KNUST, GIZ, UNDP and Austrian, EU, Gates Foundation and local livelihoods (NMFPs scaling up); AES Capacity Development; AES Action Plan (Guinea, Niger, Togo, Guinea Bissau, Cote d'Ivoire, Burkina Faso, Gambia, Senegal, Sierra Leone)

Finance: AES Fund ex. REEE Facility; national budgetary allocation

Challenges

- ▶ 262m population (60%r/40%u) with AES urban-rural inequality
- ▶ 30% urban vs 6% rural electricity access
- ▶ 80% biomass for lighting and cooking
- ▶ 16% of potential hydroelectricity exploited
- ▶ Adequacy of financial resources
- ▶ Maintenance and rehab of existing systems
- ▶ Lack of trained manpower
- ▶ Lack of AES data base
- ▶ Slowly evolving policy and institutional environment
- ▶ Increasing population and diversified demand for energy access
- ▶ Impact of climate change

Opportunities

Endowments:

- ▶ Green Energy-Hydro 23,900 MW; solar 5-6 KWhm²/day; wind 5-6 m/s;
- ▶ Minerals, hydrocarbons (gas 31% and petroleum 30% of Africa), bio energy, renewables

Policy/Institutional Environment:

- ▶ 2006 RPRSP (Reg'l Integration for Growth & PR)
- ▶ White Paper and 51.2 b AES investment plan
- ▶ 50% electricity coverage by 2020
- ▶ 20% Renewable Energy by 2020
- ▶ Sub regional and National AES institutions
- ▶ NMGs and MFPs

Finance:

- ▶ National budgets;
- ▶ Climate Change funds (GEF, Green Climate Fund, Kyoto Protocol AF, Carbon finance...etc)
- ▶ Bilateral sources

Recommendation

- ▶ Inclusive and equitable growth strategy
- ▶ Comprehensive & Integrated AES Policy
- ▶ Comprehensive AES data base
- ▶ Bankable Program/Projects
- ▶ Domestic resources mobilization strategy
- ▶ Multi sectoral planning and prioritization
- ▶ Research in modern energy including renewable energy technology
- ▶ Conducive investment environment
- ▶ Strengthened institutional capacity and manpower outlay for AES

THANK YOU