



Introduction of the Template for the National Renewable Energy Action Plan

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Scope of the Presentation

- Genesis
- National Renewable Energy Action Plan
 - Role
 - Contents
 - Requirements
- Targets and Trajectories
- Measures
- Template Structure
- Template Process
- Next steps

Genesis

- The EREP foresees that by the end of 2014, all fifteen ECOWAS countries shall adopt National Renewable Energy Action Plans (NREAPs) and National Renewable Energy Policies (NREPs) which will contribute to the achievement of the regional ECOWAS targets by 2020 and 2030.
- ECREEE has been assigned by the ECOWAS Energy Ministers to develop a regional implementation framework for this process and to assist ECOWAS Member States in the development, implementation and monitoring of the national follow-up activities



- ECREEE asked ITPower to create the tools needed to Member States to develop the NREAPs and NREPs.

The role of the NREAPs

- Setting out the pathway towards the 2030 national target for each ECOWAS Member State.
- Critical for:
 - the necessary stability / predictability for investors and donors
 - ECOWAS ability to effectively fulfil the regional targets
 - transparency of RES developments in the region

The Structure of the NREAPs

1. Summary of national renewable energy policy
2. Expected demands
3. Targets and trajectories (national and sectoral)
4. Measures for achieving the targets
5. Assessments

Main elements of the NREAPs

- Policies in place
- Targets and estimated trajectory set by Member States
- Adequate measures to achieve the targets
- Support schemes
- Administrative procedures and regulations
- Information and training
- Necessary electricity grid development
- Access to energy (rural electrification and cooking)
- Planned use of regional projects

Involvement of local and regional authorities in preparing NREAPs and raising awareness

Requirements for NREAPs (1)

- Member States to validate their NREAP by December 2014
 - following the template provided by ECOWAS
- Stakeholders involvement
 - All sectors should be consulted
 - Interest of a wide range of sectors should be represented in the country club

NREAP - Targets and Trajectories

- Defining sectoral targets and trajectories:
 - for renewable electricity
 - for rural electrification
 - for access to energy
- Estimation of energy demand and peak load
- Estimation of population with access to energy
- Contribution of various RES technologies, such as wind, biomass, biogas, solar (PV, CSP), bioethanol, biodiesel, etc.)

NREAP - Measures to Meet the Targets

- Administrative procedures and planning
- Support schemes
- Buildings (building regulations and codes, minimum requirements, exemplary roles of public buildings)
- Information, awareness raising, guidance, etc.
- Certification of installers
- Electricity infrastructure and network operation
- Market development targets (investment project needed)
- Gender mainstreaming

NREAP Template Structure

- *The purpose of the template is to ensure that NREAPs are complete, meet all the requirements described in the EREP and are comparable with each other and with future Member State reports on the implementation of the regional policy.*
- The template has two main sections:
 - In the first section the Member States will define their individual targets based on undertaken national assessments.
 - In the second section the Member States will demonstrate with which measures and activities they intend to achieve the targets.

NREAP Template Process

- The template is self explanatory with instructions in *italics* aiming to guide Member States in the preparation of their NREAP.
- Accompanying this template is an Excel Workbook to facilitate the completion of some sections (mainly the trajectory and summary tables)
- All fields of the template need to be filled.

What is Happening Now ?

- ECREEE provides the template
- The National process proposed for the NREAP's development (next!!!)
- Training sessions will be held tomorrow
- Member States will work out RES Strategies and collect baseline information with a view to preparing the NREAPs
- Member States will validate their NREAPs
- ECREEE will compile a regional analysis based on the NREAPs submitted by MS to see how the established targets contribute to the achievement of the regional minimum EREP targets

Conclusions

- The NREAPs are key to implementing ECOWAS targets in the EREP
- NREAPs must be validated on time, and credible in terms of target compliance
- While NREAPs are the responsibility of Member States, many support activities are in place (the template, training national consultants to support the development of the NREAPs, etc) by ECREEE to facilitate this entire process



Thank You!
Muito Obrigado!
Merci Beaucoup!

