

Regional Framework for Monitoring the ECOWAS Renewable Energy and Energy Efficiency Policies and SE4ALL Action Agendas

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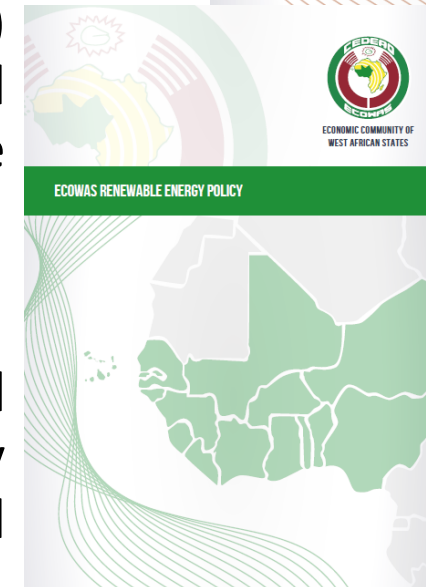


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Background

- In October 2012, the ECOWAS Energy Ministers expressed their willingness to work towards the achievement of the SE4ALL targets in West Africa and mandated ECREEE to coordinate the implementation of the SE4All initiative in the ECOWAS region.
- In July 2013, the Authority of ECOWAS Heads of State and Government adopted the ECOWAS Renewable Energy Policy (REP) and the ECOWAS Energy Efficiency Policy (EEP) and mandated ECREEE to support the implementation and monitoring of these policies.
- In 2014/2015 ECOWAS Member States developed National Renewable Energy Action Plans (NREAPs), National Energy Efficiency Action Plans (NEEAPs) and SE4ALL Action Agendas based on validated templates and national stakeholder consultations.



Objectifs de la PERC

Objectifs EnR raccordés au réseau	2020	2030
Part des EnR dans le mix électrique de la CEDEAO (Grande Hydroélectricité incluse)	35%	48%
Part des EnR dans la puissance installée totale de la CEDEAO (Grande Hydroélectricité exclue)	10% 2.425 MW	19% 7.606 MW

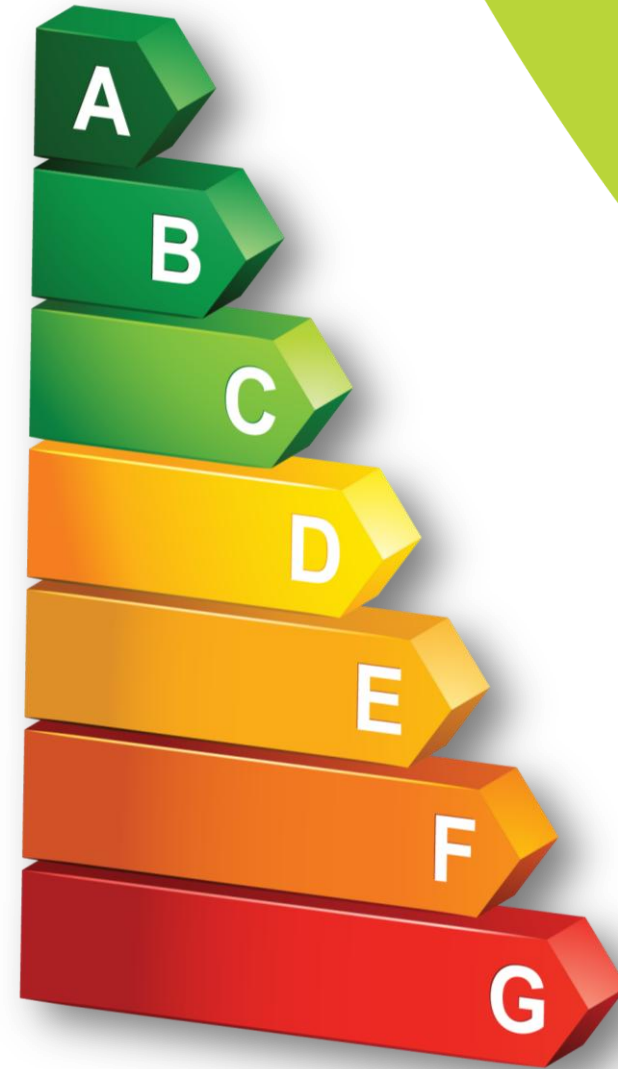
Objectifs d'EnR hors réseaux	2020	2030
Population Rurale ayant accès à des mini réseaux ou des réseaux autonomes	22%	25%
Mini réseaux installés	60,000	128,000

Objectifs de Cuisson Propre	2020	2030
Population utilisant un foyer amélioré	60%	100%



Objectifs de la PEEC

- Elimination des lampes incandescentes d'ici 2020
- Réduction des pertes de distribution d'électricité actuellement entre **15% et 40% (2012) à moins de 10% d'ici 2020**
- Création d'un comite technique de la CEDEAO pour **l'harmonisation des normes et étiquettes d'efficacité énergétique**; les adopter au niveau régional pour tous les équipement électriques d'ici 2020
- Promouvoir l'efficacité énergétique aux niveau des industries de manière à réduire **la consommation de 20% à 30% d'ici 2030.**
- Elaborer et adopter des normes d'efficacité à l'échelle régionale pour les bâtiments



Monitoring & Reporting

- Member States and ECREEE have an obligation to report to the ECOWAS Authorities on progress made/not made in the attainment of the regional targets;
- The main responsibility for monitoring the implementation of the NREAPs, NEEAPs and SE4All Action Agendas lies with the ECOWAS Member States. However, ECREEE will support the implementation of the measures contained in the action plans and action agendas through its various programmes.
- The Member States will compile an annual national report about progress towards the achievement of the targets in the three action plans/agendas in the previous year, which will be submitted to ECREEE.
- **The proposed date for submission of the annual reports was August of each year.**

Monitoring & Reporting

ECREEE will analyze the national reports and use them to compile as well as publish an **annual regional progress report** that will show where the ECOWAS region stands with regard to the EREP, EEEP and SE4ALL targets.

The proposed date for finalization of the annual synthesis reports is September of each year. This report will be presented to the annual meeting of the ECOWAS ministers of energy and its publication will be accompanied by a press release. The report will be made available on ECREEE's website.

An indicative list of indicators and other types of information that should be included in the report and reporting template has been prepared and shared to collect feedback from the country stakeholders

Updating of Regional Policies and National Action Plans

- The EEEP and the EREP foresee the development of national five-year rolling action plans which will contribute towards the implementation of both regional policies.
- Thus there is the provision for the NREAPs and NEEAPs to be updated approx. 5 years after their initial adoption.
- For consistency with the regional policies, ECREEE will be consulted during the process of updating the action plans and will provide technical assistance where necessary.
- It is highly recommended that the SE4ALL Action Agendas will also be updated regularly, for which ECREEE and partners can also provide technical assistance.

Updating of Regional Policies and National Action Plans

- The EREP and EEEP (especially the targets) will also be revised every five years.
- This should be a bottom-up process, i.e. the new regional targets will be based on the new targets of the updated NREAPs and NEEAPs.
- The revision of the regional policies can start once the updated national action plans are available, i.e. in the second half of 2020 and 2025.

Key Components of the National Monitoring Reports

- The national monitoring reports should provide, among others, up-to-date data on the status of achievement of the main targets contained in the NREAP, the NEEAP and the SE4ALL Action Agenda

Energy Access

Electrification

- Share of [population/households] connected to an electricity grid in %

Cooking energy

- Share of [population/households] using improved cookstoves in %
- Share of [population/households] using modern fuel alternatives for cooking (e.g. LPG, biogas, solar cookers, kerosene, ethanol gel fuel, etc.) in %

Key Components of National Monitoring Reports

Renewable Energy

Grid-connected RE

- Renewable energy installed capacity in MW (excluding large and medium scale hydro)
- Renewable energy installed capacity in MW (including large and medium scale hydro)
- Renewable energy generation in MWh (excluding large and medium scale hydro)
- Renewable energy generation in MWh (including large and medium scale hydro)

Off-grid RE

- Share of [population/households] served by renewable energy/hybrid mini-grids in %
- Share of [population/households] served by a standalone electric renewable energy system in %
- Number of RE/hybrid mini-grids

Key Components of National Monitoring Reports

Solar Water Heaters

- Number of Solar Water Heaters installed in the residential sector
- Number of Solar Water Heaters installed in public institutions
- Number of Solar Water Heaters installed in hotels, SMEs and industries

Biofuels

- Bioethanol production for energy purposes in litres
- Biodiesel production in litres

Key Components of National Monitoring Reports

Energy Efficiency

Efficient Lighting:

- *Penetration rate of efficient on-grid lighting in %*
- *Penetration rate of efficient public lighting in %*

Efficient Distribution of Electricity:

- *Commercial losses in the electricity distribution system in %*
- *Technical losses in the electricity distribution system in %*

Key Components of National Monitoring Reports

Energy Efficiency in Buildings

- *Number of energy efficient buildings*

Energy Efficiency in Industry

- *Number of industries that implement energy efficiency measures*

Energy Efficiency electrical appliances

- *Penetration rate of energy-efficiency air conditioners*
- *Penetration rate of energy-efficient refrigerators*

Key Components of National Monitoring Reports

In addition, the report should cover the main policy measures that have been implemented in the reporting period such as the adoption of relevant laws, regulations, decrees and standards.

Next Steps / Timelines

- ***Collection of comments on draft Resolution and Monitoring Framework***
- ***Adoption of draft Resolution and Monitoring Framework***
- ***Deadline for comments from Member States on the proposed indicators: August 2016***
- ***Adoption of the Resolution by ECOWAS Energy Ministers: October 2016***
- ***ECREEE to send out template for national reports: July 2016***
- ***Submission of first round of national monitoring reports: September 2016***
- ***Publication of first regional progress report and press release: 30 October 2016***



Thank You

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