

Development of the National Renewable Energy and Energy Efficiency Action Plans; and SE4ALL Action Agenda for Nigeria.



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Introduction

World energy policy based on three pillars-

- **Security of Energy Supply-** the need to make energy available to households and industry
- **Cost Competitiveness-** making energy available at an affordable price
- **Environmental Protection-** the need to cut down on the impact of climate change on the environment



- Energy demand worldwide still being met largely by fossil fuel- available in few locations
- Need to deploy alternative sources
- RES-T expected to play key role- abundant in virtually all locations of the world, clean and environmentally friendly.

 **Hence the need to develop policies that will see RES-T develop through R&D, grow and able to compete on commercial basis with non-RES-T.**



ECOWAS
&
ENERGY POLICY

Developments.....

ECOWAS/UEMOA White Paper on access to energy services for population in rural and peri-urban areas (June 2006)

- Key Message of the White Paper-
 - (i) Potential for an increased access to energy services
 - (ii) At least 20% of new investments in electricity generation should originate from locally available renewable resources.
 - (iii) Creation of a regional electricity market by 2020/25
 - (iv) Expansion of electricity generating capacity using renewable energy and conventional sources.

ECOWAS Regional Centre of Renewable Energy and Energy Efficiency (ECREEE)

- Established in 2010 with the support of UNIDO and Governments of Austria and Spain
- A regional centre with a mission to strengthen ECOWAS Vision 2020 and beyond-
 - (i) Promoting infrastructure development and competitive business environment- power and energy inclusive.
 - (ii) Encouraging the exploitation of traditional alternative energy sources thus promoting urban-rural access at affordable price.

Two core policies to drive the above at the regional level as adopted by Head of States - **ECOWAS Renewable Energy Policy (EREP) and ECOWAS Energy Efficiency Policy (EEEP)**
July 2013

EREP and EEEP Outcome

- The policies require member states to submit RE and EE action plans within 6 months to 1 year period
- The action plans represents part of the implementation of the EREP, EEEP, and subsequently SE4ALL Action Agenda
- The action plans are prepared in accordance with the template published by ECREEE and agreed in March 2014 in Abidjan

- Action plans provides detail roadmaps of how each member state (Nigeria) expect to reach 2020 and 2030 target for the share of RE & EE in final energy consumption
- Breakdown of sectorial targets
- Technology mix member state (Nigeria) expect to use
- The trajectory (paths, course, tract) Nigeria will follow
- Measures and reform to be undertaken to overcome barriers to developing RE

SE4ALL Initiative



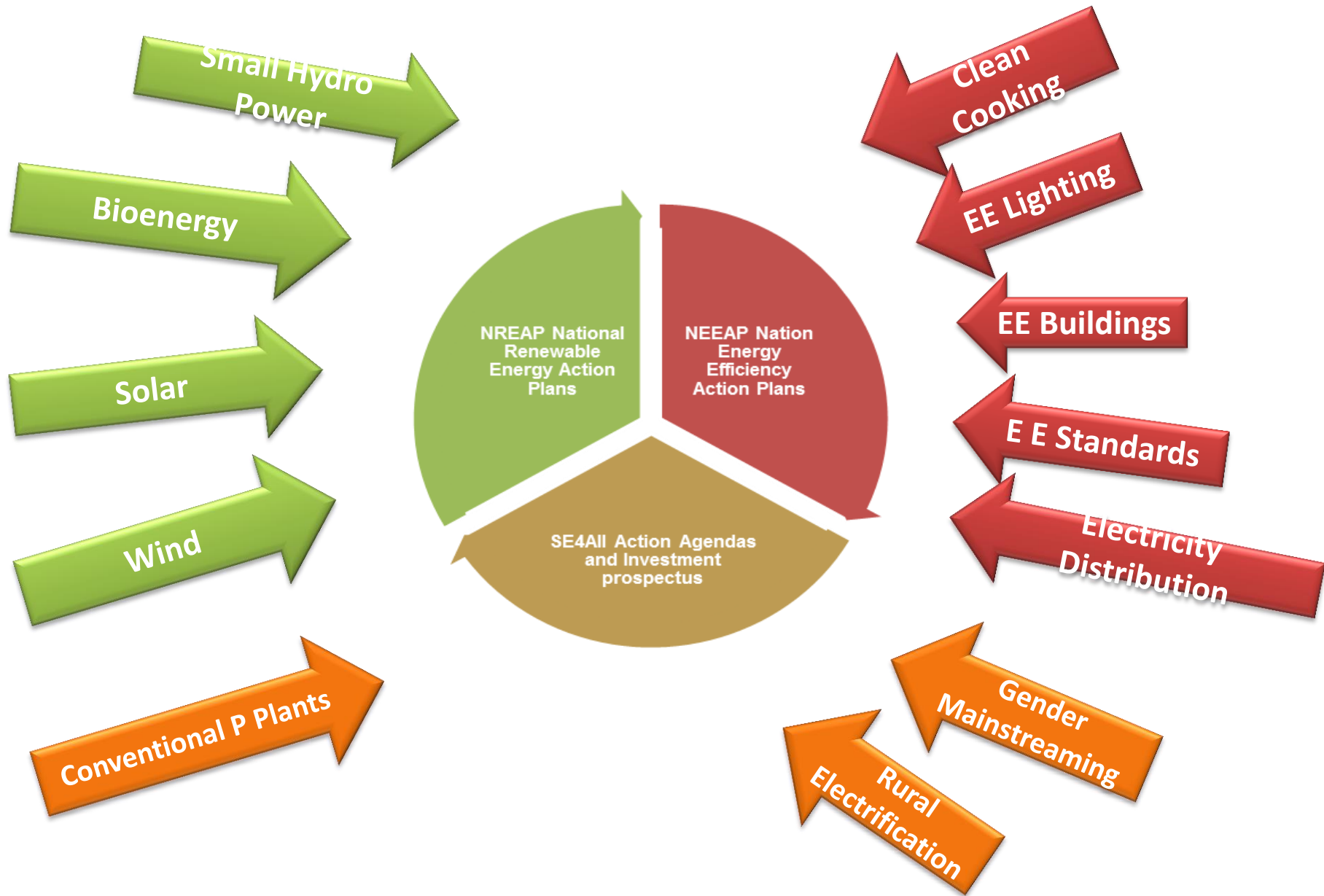
- A multi-stakeholder partnership between governments, the private sector, and civil society.
- Launched by UN Secretary General in 2011
- 3 integrated objectives of the Agenda includes-
 - (i) Ensure universal access to modern energy services
 - (ii) Double the global rate of improvement in energy efficiency
 - (iii) Double the share of RE in the global energy mix

 **ECOWAS Authorities mandates ECREEE to act as focal point for the region**

- SE4ALL Action Agenda serves as a holistic document and includes specific action plans for Renewable Energy and Energy Efficiency
- ECREEE will assist Member States to elaborate and develop SE4ALL Agenda and an implementation strategy coming the period up to 2030



National SE4ALL Action Agenda Process



Process for Development of Action Plans and Agenda

- **1ST Phase**
 - Development of the templates and procedures for the Action Plan Process
 - Kick off and validation meeting of the regional process and the templates of the action plans for SE4ALL, RE and EE including a training in Abidjan, March 2014
 - Contracting national consultants to assist MS with the development of the Action Plans
 - Establishment of a backstopping team of international experts to provide on-going support
- **2nd Phase Development of the Action Plans at National Level**
 - High Level Kick-Off Meeting
 - Baseline Data Validation Workshop
 - National Stakeholder Consultations/Meetings (throughout the process)
 - National Validation of the Action Plans
- **3rd Phase**
 - Implementation and monitoring of the Action Plans at national and regional level – 2020/2030

ECREEE Support to the Process of Developing the Action Plans

- Development of the Action Plan Templates;**
- Provision of national consultants to assist Member States with the development of the Action Plans;**
- Establishment of a backstopping team of international experts to provide on-going support;**
- Support towards the organisation of national kick off and validation meetings;**
- Review and quality assurance of national RE and EE Action Plans and the SE4ALL Action Agenda with an expert team**
- Organization of Regional Concerted Actions to facilitate regular exchange and collaboration among the Member States;**
- Support towards formulation/revision of national RE & EE policies, laws, regulations;**
- Support towards detailed resources assessment and grid capacity;**
- Support towards development of scenarios for RE&EE deployment for 2020 and 2030;**
- Assist in the development of portfolios of bankable projects, project preparatory activities and mobilisation of investment.**



&

Activity



My Task

- As **ECREEE** appointed consultant to provide technical assistance in developing the action agendas
- **Work with ECREEE Focal Institution** (FMoP), ICREEE, and other stakeholders to develop the Nigeria version
- **Using ECREEE'S template** as a guide to complete the activities
- **Duration:** 6 months period
- **Process:** involve baseline data collection, scenarios and modelling exercise, workshops and seminars

Activities and Timelines

- Inception meeting, defining roles, and setting up of thematic groups (Month 1)
- National High level Kick-off meeting (Month 2)
- Engaging technical partners and stakeholders (Month 2)
- Baseline and Scenario data collection -thematic groups (Month 3)
- Validation of measures, targets, and trajectories (Month 4)
- National validation exercise and presentation of first draft to ICREEE (Month 5)
- National workshop hosted by the Hon. Ministers of Power- ECREEE to be invited (Month 6)
- Final draft and submission (Month 6)



- Worked with the **Federal Ministry of Power and ICREEE** team to finalise the draft policy on the National Renewable Energy and Energy Efficiency Policy for Nigeria.
- **Inception Meeting** successfully held in May 2014
- **Meeting with International Partners** held to agree on working relations
- **Thematic working groups** successfully developed and fully functional- final set of data collection process nearing completion
- **Validation workshop** date being worked upon

Next Steps.....

- Data gathering process continue- support needed from all MDAs concerned
- Date for Validation workshop to be announced soon
- Outcome of the validation workshop to be integrated by consultant
- National workshop hosted by the Hon. Ministers of Power- ECREEE to be invited
- Integration of feedback and final submission



Benefits

- Position Nigeria as the regional lead in RE, EE, SE4ALL Action Agendas
- Strengthen Federal Government of Nigeria's plan to improve energy and electricity access
- Attract foreign investors into the Nigerian RE & EE market



Thank You