



Africa-EU Renewable Energy Cooperation Programme (RECP)

Vocational Training

Peter Cattelaens, Workshop Maputo, 16-17 October 2013

RECP: Support the development of renewable energy markets

Launched by African and EU Commissioners and Ministers in September 2010

- Integral part of **Africa-EU Energy Partnership (AEEP)**
- **Financing** from various sources (currently EU Commission, Austria, Germany, Finland, France with others under discussion)

Main objective

- Support the **development of meso-scale renewable energy markets** in Africa

Implementation

- AFD (France) and EUEI PDF (hosted by German GIZ)

RECP: Overview

Action Areas 1& 3

Programme Coordination

Monitoring & Communication: Steering and Support Services

Action Areas:

Policy Advisory Services

Technical Assistance Services

Support development of national and regional renewable energy policies, planning processes, strategies and instruments to promote renewable energy investments and markets

Private Sector Cooperation

Technical Assistance Services

Create opportunities for African and European business cooperation to transfer know-how and technologies and promote renewable energy exports and investment

Project Preparation and Flagship Investment Projects

Technical Assistance and Financial Services

Bring targeted renewable energy projects to bankability through a project preparation facility

Facilitate financing of strategically important flagship investment projects

Technology, Innovation & Capacity Development

Technical Assistance Services

Africa-EU cooperation on research and innovation. Strengthening of capacity for renewable energy research as well as vocational training and higher education

Impact:

Increase access through accelerated use of renewable energy in Africa

Action Area 1 (EUEI PDF): National Studies



Djibouti

Development of Electricity Strategy incl. RE and Draft Electricity Act

Ongoing
(12/2012 – 12/2013)

Partner: Ministry of Energy

Int. Partner: EU Delegation, AFD, EIB, World Bank

Inception workshop June 2013; scenarios currently under development



The Gambia

Development of an Electricity Strategy and Renewable Energy Law

Completed
(01/2012 – 12/2012)

Partner: Ministry of Energy

Int. Partner: GEF/UNIDO, EU Delegation

Final documents have been introduced at Cabinet level in government



Kenya

Renewable Energy Regulatory Capacity Development

Ongoing
(01/2013 – 03/2014)

Partner: Ministry of Energy, Kenya Association of Manufacturers (KAM)

Int. Partner: AFD

Inception workshop took place in February

Action Area 1 (EUEI PDF): National Studies



Senegal

Implementing the Renewable Energy Law – Tariffs, Scenarios, Tendering, and model PPAs

Partner: Ministry of Energy, Electricity Regulatory Commission

Int. Partner: AFD, GIZ, IRENA, World Bank

Inception workshop April 2013; **Scenarios and Tariffs** under development

Ongoing
(12/2012 – 02/2014)



Sierra Leone

Support with the preparatory phase of a Household Cooking Energy Plan

Partner: Ministry of Energy

Various consultation workshops held; **Final mission late October 2013**

Ongoing
(12/2012-11/2013)



Rwanda

Geothermal Policy Support Initiative

Partner: Ministry of Energy

Int. Partner: EU Delegation

Planned
(11/2013 – 10/2014)

Action Area 1 (EUEI PDF): Regional Studies



ECOWAS

Regional Renewable Energy Policy Guidelines

Completed
(09/2011 – 10/2012)

Partner: ECREEE

Int. partners: EU Commission, ADA, AECID, UNIDO

Final Policy validated by Ministers in Oct. 2012

Follow-up through ECREEE and bilateral programmes



SADC

Scoping study for Establishment of a Regional Renewable Energy Center (SACREEE)

Completed
(01/2013 – 08/2013)

Partner: SADC Secretariat

Int. partners: ADA, UNIDO, Finland

Validation workshop took place July 2013



RERA/SADC

Policy Options for Minigrids Employing Renewable and Hybrid Generation

Ongoing
(01/2013 – 12/2013)

Partner: Regional Electricity Regulators Association (RERA)

Work in pilot countries starting

Action Area 1 (EUEI PDF): Thematic Studies



Policy toolkit for Mini-grids (employing renewables)

Ongoing
(12/2012 – 11/2013)

Int. partners: REN21, ARE

Dissemination: through workshops in 2013 (1st in August 2013)



Localisation of the renewable energy value chain

Planned
(01/2014 – 08/2014)

Int. partners: IRENA

Action Area 1 (EUEI PDF): Dialogue Events



Four Events to share experience and knowledge on

- Renewable energy and hybrid mini-grid policy options
- Vocational Training for renewable energy
- Higher Education for renewable energy

4 events in 2013



Africa-EU Private Sector Cooperation: Matchmaking for win-win business opportunities in the renewables sector? *Vienna | Austria*

29 May 2013



Roundtable: Renewable Energy Forum for Venture Capitalists
Brussels | Belgium

26 March 2013



4th African Rift Geothermal Conference (ARGeo-C4):
Solution to Africa's Energy Needs?, *Nairobi | Kenya*

22-23/11/2012



ECOWAS-GFSE-GEF-UNIDO High Level Energy Forum and First International Off-grid RE Conference (IOREC), Accra | Ghana

29/10-2/11/2012



WINDaba 2012: Localisation of the Renewable Energy Value Chain
Cape Town | South Africa

22-24/10/2012

RECP: Overview

Action Areas 1& 3

Action Area 4

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Action Area 4 (EUEI PDF): Vocational and Higher Education

Renewable energy markets only take off if the skills are there

- Governments as well as private sector representatives repeatedly articulated need for **technical training and higher education**

Vocational Training and Higher Education under the RECP

- Financing initially from governments of Austria and Finland
- Others currently joining

Workshop as starting point

- Activities to be developed conceptually

Action Area 4 (EUEI PDF): Vocational training

Activities initially envisaged

- **Train-the-trainers** programmes
- **Curriculum development**
- Design of **new courses, course material**
- Facilitation of **exchanges** of lecturers and students
- Support to improvement of **qualification certification** schemes
- Support to **awareness-raising** and marketing of institutes/professions
- Regional/continental knowledge and **experience sharing**

Action Area 4 (EUEI PDF): Vocational training

Objective of this workshop

- Start **sharing experiences** across Sub-Sahara Africa
- **Define our strategic approach:** How do we support vocational training?
 - Public / Private institutes
 - Further/continuous education
 - How to involve the renewable energy private sector
 - On-grid vs. off-grid / rural vs. urban
- **Gather ideas** what types of activities we will be supporting



Thank you for your attention!

Peter Cattelaens

www.africa-eu-renewables.org