

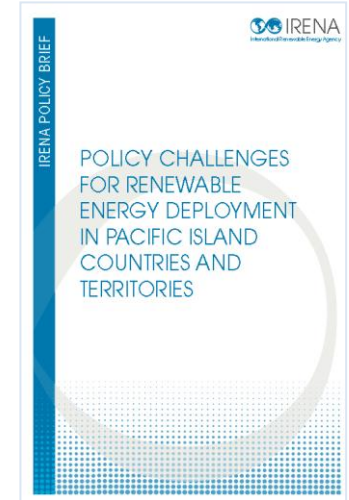
Renewable Readiness Assessment

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What are Renewables Readiness Assessments?

- **Country led, collaborative process.**
- **Objective assessment** of the renewable energy opportunities and constraints in country and identify pathways to address gaps.
- Framework to analyze the presence or otherwise of **enabling conditions** for the development of renewables, in countries.
- It covers **all renewable energy resources** and takes into account **the national priorities.**

Challenges for policy development and implementation



- Analysis of **14 Pacific Island countries and territories** .
- Strong political commitment but challenges exist
- **Institutional architecture:** Empowering the entity responsible for policy development and implementation.
- **Finance:** Financing plan for approved action plans/roadmaps.
- **Human resource development :** strategy to reorient education and training on RE to meet the demand from the market
- **Technology and Infrastructure:** Building capacities for technology choices and grid infrastructure to incorporate variable power.

How is the RRA different?

Evaluates *policy, regulatory and institutional frameworks for RE* from the lens of national priorities.

Identifies *key actions for scaling up* the renewable energy sector with *consensus of national stakeholders*.

Provides a platform for *identification of partners and organizations* who can assist in their implementation.

Builds a mechanism for *collection and sharing of good practices*.

RRA Methodology

Follow up Action

- **Impact Assessment**
- **Feedback Strategy**

Generating Action Plans

- **Tabulating Actions**
- **Review** by Focal Point and Experts
- Finalizing into a consolidated **report**

Assessment

- **Plenary Sessions** with key National Stakeholders and linkage to national priorities
- **Resource Pair** Selection to focus on key RE resources and their applications
- Conducting **Interviews**

Preparatory Work

- **Initiation** by National Government
- **Desk review** and data analysis
- Plan **Interviews**

Evolving the Methodology

Life Cycle Approach

Pilot Scale Implementation and Testing Completed in 4 Countries

Feedback

Expert Level Forums

Optimizing Process

Develop RRA handbook

Follow Up Strategy

Extension Modules on RE Supply Chains
Capacity Need Assessment

Cases: Senegal

Facilitate integration of electricity generated from RE onto SENELEC grid

- Finalization and Implementation of two RE Decrees

Decree No 2011-2013

- Details conditions of power purchase and remuneration for renewable electricity generation plants and grid connection conditions

Decree No 2011-2014

- Details conditions for purchase for excess renewable electricity

- EUEI-PDF has utilized the actions identified in RRA to initiate support SENELEC (Africa-EU Renewable Energy Cooperation Program (RECP))

Using the micro finance institutional network to support lending for small RE systems

- Ministry of Energy and Mines launched a program to provide a credit line to micro finance institutions to support Solar Homes Systems



Cases: Mozambique

Initiatives for Small Hydro Sector Development

-IPPs for Small Hydro sector incorporated

-Ministry of Energy and Fund for Rural Electrification (FUNAE) building a team to support small hydro

Policy Developments in Wind

-National Directorate for New and Renewable Energy is tabulating wind energy costs and analyzing policy implications for developing a feed in tariff structure



Cases: Grenada

- *Created a framework for stakeholders to come together to support RE initiatives.*
- *2 MW Solar plant being bid out by GRENLEC.*
- *Grenada Cooperative Bank initiating capacity building for financing RE projects*
- *Identification of resource persons who can be instrumental in setting up an eco system for O&M for small RE systems*
- *Government considering removal of taxes on RE generation*



Scale-Up of RRA

- Broadening engagement with countries through **effective dissemination strategies, extension modules and follow-up strategies**
- **Partnering** with organisations that can take process forward.

Improving the RRA Methodology

- Modularity in the **Process**
- Developing the **handbook**
- Developing a Framework for **Renewable Readiness Index (RRI)**

Evaluating the RRA Impact

- Developing a **Result Evaluation Strategy**
- Establishing a **sharing interface** for knowledge acquired through RRAs

Thank you

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