

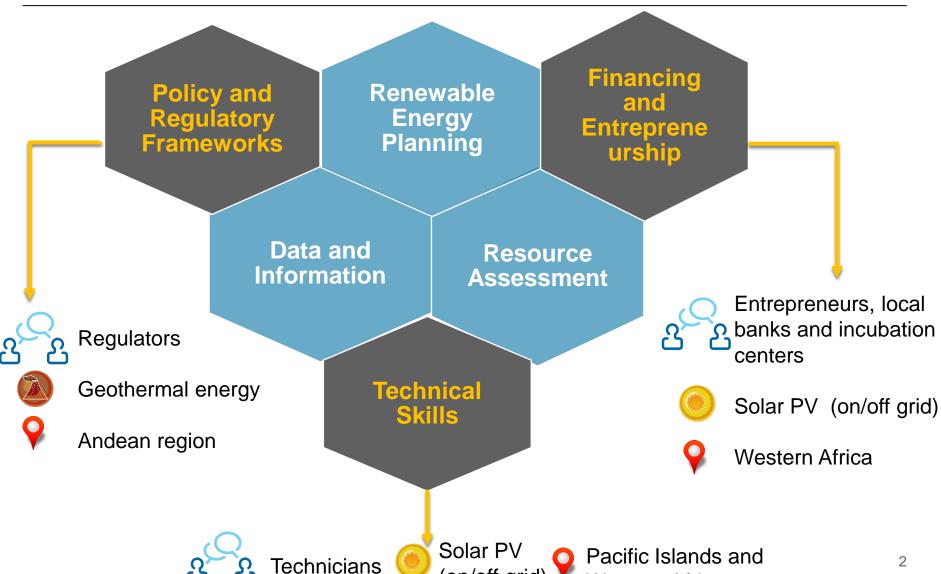
# Building capacity to mitigate: Examples and lessons learned from IRENA

### **Elizabeth Press**

3rd meeting of the Durban Forum, 12 June 2014

### IRENA International Renewable Energy Agency

### **Contents**



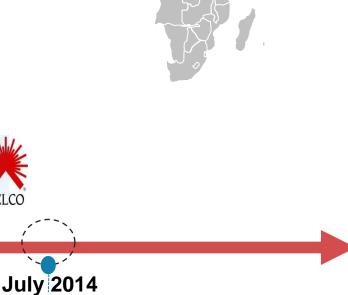
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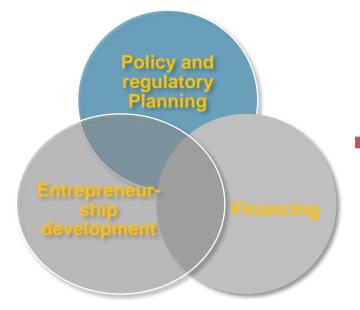
Western Africa

## Promoting a Sustainable PV Market in ECOWAS Region (ProsPER)



- ✓ For entrepreneurs: Assess business viability of PV projects, develop business plans and fund requests.
- ✓ For banks: Increase confidence in RET, assess varying risks and design loans.
- ✓ For incubation centers: Share experiences
  with twin incubation centre across regions
  and build institutional capacity.







Workshop (Togo): Financing of solar energy technology projects in Western Africa

### Certification of technicians



#### **Objectives:**

- ✓ Provide qualified local skilled technical force to support the current growth of solar PV in the region
- Increase confidence of consumers and end users of solar PV systems
- ✓ Enhance market attractiveness through increased mobility of skilled workforce

### **Expected impact:**

- Reduce labour cost and enhance market attractiveness
- ✓ Enhance the long term sustainability of on-grid solar PV systems
- Strengthen support for the certification of technicians in the region



IRENA is launching a certification framework for the installation and maintenance of solar PV systems in West Africa in partnership with local stakeholders.

### **Geothermal Development in the Andean Countries**







### Assessment of needs



Assessment of offers



### **Implementation**

#### **Regions or Countries**

Existing/ future needs:

- institutions, (public, private, educational, R&D)
- RE market
- business models
- Gaps and challenges in sector, knowledge and skills

#### Countries advanced in Geothermal

- Policy and regulations
- Planning
- Environmental issues
- Resource assessments
- Technical trainings
- Funding

Financing Institutions and development banks

March 2013: Best Practice
Workshop in Iceland: Representatives
from Andean countries IRENA,
OLADE, IGA, Iceland, New Zealand,
Mexico and France

(On-going): Capacity needs assessments on the five Andean countries. Reports in preparation

Nov 2013: Legal and Regulatory
Framework Workshop in Peru
Promoting the Enabling Environment
for Geothermal Development in the
Andean Countries

May 2014: Technical training in Chile on geothermal reservoir modelling and environmental licencing



### **Lessons learned**

- ✓ Capacity building is not an end in itself; it should lead to <u>market</u> <u>transformation</u>.
- ✓ Active coordination of all involves is important to ensure that capacity building efforts are <u>effective as a whole</u> and respond to needs.
- ✓ <u>Practitioners</u> are key to building capacities at the implementation level.
- ✓ Facilitation of <u>sharing</u> best practices, expertise and lessons learned is critical.
- ✓ Identifying the <u>"right" stakeholders/institutions</u> to be trained is extremely important for effective capacity building.



# Thank you!