



**First Meeting of the Durban Forum on Capacity Building.
23 May, 2012. Bonn, Germany.**

***Global Technology Needs
Assessment Project:
An Update on Capacity Building Components***

Jorge Rogat
UNEP Risø Centre,
Frederiksborg 399
4000 Roskilde, Denmark.
jorr@dtu.dk

Lawrence Agbemabiese
UNEP DTIE,
15 rue de Milan - 75441,
Paris Cedex 09, France.
lawrence.agbemabiese@unep.org



Key Facts

- Part of the **Poznan Strategic Program on Technology Transfer**
- Support preparation of a *Technology **Action Plan*** for each participating country (36 countries currently targeted)
- **Technical support** on methodology and tools for prioritization of technologies, multi-criteria analysis (MCA), financial assessments of technologies, and stakeholder consultation
- **Guidance** (TNA Guidebook, sectoral guidelines for transport, buildings, market assessment methodology etc.)
- **Country TNA teams:** Coordinator, National TNA Team, experts and consultants, sectoral / technology workgroups, regional centres (technical support on technologies and on methodology); IEA (policies)

www.tech-action.org



Expected Outcomes

- **Capacity developed** through training workshops and utilization of guidebooks and easy access to technology information.
- **National consensus on priority technologies** and agreement on a national action plan, and readiness to implement the action
- **Methodologies which complement the revised TNA Handbook** and facilitate technology information available to countries.
- **Regional networks** ensure that support to the countries available in the region for technology information, methodology, preparation of action plan, and a cooperation mechanism to share TNA experiences.
- Increased **national and interregional cooperation on technology transfer** as a mean to facilitate preparation of TNAs and implementation of TAPs.



Training is Linked to the TNA Process

| TNA Process Step | Organisational Elements | | Methodological Elements | Database Supports | Training |
|--|--|---|---|---|--|
| | Decision Making Entity | Technical Support | | | |
| Prioritization of Technologies | | | | | |
| Stage 1 Prioritizing Sectors | <ul style="list-style-type: none"> National TNA Committee | <ul style="list-style-type: none"> National Consultants | <ul style="list-style-type: none"> TNA Handbook Guidebook | | Regional Capacity Building Workshop - 1 on Multi criteria, spreadsheets |
| Stage 2 Prioritizing Technologies | <ul style="list-style-type: none"> National TNA Committee Sectoral work groups | <ul style="list-style-type: none"> National Consultants | <ul style="list-style-type: none"> TNA Handbook Multi Criteria Tool Spreadsheets | <ul style="list-style-type: none"> Sectoral Guidebooks Help Desk (RC's) Climate Techwiki | |
| Barrier Analysis & Enabling Framework | <ul style="list-style-type: none"> Work groups | <ul style="list-style-type: none"> National Consultants | <ul style="list-style-type: none"> Market Analysis tool (Mitigation) Barrier Analysis Guidebooks | <ul style="list-style-type: none"> Policy Database | Regional Capacity Building Workshop -2 on Market / Barrier Analysis & Template for TAP |
| Technology Action Plan | <ul style="list-style-type: none"> National TNA Committee Project Steering Committee | <ul style="list-style-type: none"> National Consultants Work groups | <ul style="list-style-type: none"> Template | | |



Results as at May, 2012

- ❑ January 2012 Launching of **Guidebook on Barrier Analysis and Enabling Framework**.

- ❑ Training workshops were conducted in February 2012 for second round countries, bringing to a close the collective training programme of the project.

- ❑ From third quarter of 2011 through early 2012...
 - Additional TNA reports submitted by:**
Ghana, Lebanon, Thailand, Georgia, Sri Lanka, Vietnam, Mongolia and Moldova and Bhutan; Zambia

 - Final TAP reports submitted by:**
Indonesia and Costa Rica

 - Advanced draft TAP reports submitted by:**
Thailand, Vietnam, Mali, Morocco, and Cote d'Ivoire



Applying the results - Examples

Costa Rica

TAP will be used as a platform to design and structure sectoral NAMAs in Transport and Energy, and the National Climate Change Strategy.

Indonesia

Emissions reduction measures and technologies identified in the TAP will help define an enabling policy/regulatory framework for growth of a domestic solar PV panels manufacturing industry.

Thailand

Assessment results will be used to establish a baseline for specifying mitigation and adaptation targets for the country. The results are expected to inform high level policy decision and implementation by the government.



UNEP
RISØ
CENTRE

ENERGY, CLIMATE
AND SUSTAINABLE
DEVELOPMENT

Thank you

www.tech-action.org