Partnerships in Action: Solutions to Growing Energy Demands

The Renewable Energy & Energy Efficiency Partnership (REEEP)

Zoe Dawson, North American REEEP Secretariat
1. REEEP is a global Type II partnership launched by the UK government at the WSSD

2. REEEP currently comprises more than 200 partners representing 36 governments, businesses and NGOs committed to accelerating the uptake of renewable energy and energy efficiency

3. REEEP is funded by the EU and 10 governments: Austria, Australia, Germany, Ireland, Italy, the Netherlands, Norway, Spain, US, and UK, the major donor of REEEP
REEEP Partners are businesses, the G7 countries, NGOs, Brazil, SA, Mexico and developing countries

Currently more than 200 partners:
• 36 Governments
• International organizations, NGOs and companies
REEEP’s vision is to make energy systems sustainable “generate green kilowatts & save energy”

1. REEEP focuses equally on the change in demand and supply side of energy systems towards more sustainability

2. REEEP's vision is to reduce market barriers and financial obstacles for renewables and energy efficiency systems

3. REEEP believes in action on the ground via project activities that are targeted on policy improvements and innovative finance mechanisms

4. REEEP aims to improve access to reliable and clean energy for the poor
REEEP delivers value via Regional Secretariats

- REEEP Regional Office North America
- REEEP Regional Office Latin America & Caribbean
- REEEP International Secretariat
- REEEP Regional Office Central Europe
- REEEP Regional Office East Asia
- REEEP Local Focal Point MEDREP
- REEEP Regional Office Africa
- REEEP Regional Office South Asia
- REEEP Regional Office South East Asia & Pacific
REEEPs delivers value through service tools

1. **REEGLE**/ Join Cooperation with REN21: access to high quality pre-selected data sources – the “Google” for REES [www.reegle.info](http://www.reegle.info)

2. **Voluntary REEEP Carbon Offset Mechanism**: guidance for voluntary carbon offset - First client: FCO

3. **RE-Exchange**: Intermediary bringing investors and project developers together, First implementation: Singapore

4. **SERN**: international policy assessment

5. **REIL**: overcome international legal barriers

6. **Media Coverage**: global coverage – web/publications/print/events
REEEP delivers value through projects

1. Funding successful projects which can be replicated globally and scaled-up

2. The REEEP program is driven by regional demand with priorities developed by REEEP partners through a bottom-up process

3. Emphasis is on impacts rather than on outputs

4. Project progress is monitored professionally to ensure quality deliverables and outputs

5. Global vision with focus on developing and transition countries
The 50 REEEP projects encourage local initiatives in 40 countries
Removal of Residential Energy Efficiency Barriers

- Assessment of energy saving potentials to improve institutional and market frameworks that encourage investment in energy efficiency within homes
- 7 cities in 5 countries (Armenia, Bulgaria, Latvia, Poland, Ukraine)
- Case studies on major barriers to residential EE measures and recommendations to key stakeholders in municipalities in each country
- Can serve as a model for municipalities in other transition countries
- Significant job creation potential
Financial Models for Energy Efficiency in Water Services across South Africa

- Identification of financial models to fund energy conservation and case studies based on the experience of the Soweto and Emfuleni municipalities
- Reduce energy costs by $3.8 million from running systems and saved 14,250 MWh of energy and 7 million kL of water annually
- 7 cities in South Africa
- Can be replicated in any city in developing countries
Financing Energy Upgrades in South African Low-income Homes

- Development of a background analysis of the needs in low-income housing and of a financial model under CDM
- Reduced costs of €150,000 per year through energy-upgrade of more than 1900 houses with insulated ceilings, solar water heaters and energy-efficient lighting
- Kuyasa district of Cape Town
- Can be replicated in any low-income suburban area in Sub-Saharan Africa
- Can improve living conditions
Financing Energy-efficient Street Lighting in India

- Development of a business model and financing mechanism for the implementation of street lighting projects
- Targeted reduction of 30-40% in energy consumption for street lighting
- 5 Municipalities in the state of Madhya Pradesh
- Development of standard tender documents for selecting and contracting ESCOs for project implementation and CDM PDD documentation
Innovative financial model for Solar Water Heating in Latin America and the Caribbean

- Development of business models and fee-for-service guides (ESCO) for Brazil and the Caribbean as well as development of CDM project idea notes
- Utility and ESCO operations projected to reduce energy costs to consumers by 10%, generating internal rates of return of 30% or more
- Educational outreach and capacity building for implementation in 30 countries and territories
- Contributes to economic growth in the region
Innovative financing scheme for energy efficiency in public buildings in Santiago de Chile and other Chilean Cities

- "Energy Saving Partnership" between Berlin and Santiago de Chile
- Twinning of cities for the development of energy service projects in 2 public hospitals
- Strategy paper on frame conditions, barriers to energy services and recommendations for the national energy efficiency policy
- Replicable information material on national specific conditions; reduction of transaction costs
REEEP’s current call for proposals = € 3 million
- the largest call in REEEP's history

1. **Donors**: Norway, UK, Ireland, Italy, New Zealand
2. **Target countries**: Developing countries and emerging markets with focus on China, India, Brazil
3. **Number and volume of projects**: 30 projects/100,000 € with a maximum duration of 2 years
4. **Schedule of the Call**:
   1.3. 2007 Announcement
   1.7. 2007 Signing of project contracts
Future focus: energy efficiency to balance REEEP's portfolio

Status as of January 2007

- Renewable Energy: 60%
- Energy Efficiency: 30%
- Both: 10%
Future projects: Innovative finance solutions & business models

Status as of January 2007
REEEEP internal structure guarantees good governance
Leveraging existing Partnerships

REEEP intends to work with established partnerships across the sustainable energy sector.

These partnerships can provide complementary services and skills to the REEEP network. Examples:

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**REEEP generates synergies with Partners**

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REEEP Overview

50 Regional Projects
- Regulatory and Policy Issues
- Innovative Finance

Added Value of REEEP:
- Replication
- Implementation
- Leverage

Services
- Information Gateway ("reegle")
- Training Database
- Awareness Raising
- Toolkits

Strategic Activities
- REIL
- EE Workshops
- REEEP Voluntary Carbon Offset Scheme
- RE-EX
- SERN
Future priorities of REEEP

1. Attract long term funding through "convincing" actions
2. Promote REEEP "products" that are self-sustaining
3. Consolidate and empower the regional secretariats network for local need assessment and delivery
4. Build capacity from existing projects in order to ‘scale-up’ and replicate experiences in other markets
5. Increase synergies through collaboration with key initiatives and institutions
6. Increase the active engagement of existing Partners
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