

European Union 9 > 13 February 2009  
**Sustainable Energy Week**



# Global RE & EE Market Development : REEEP Experience



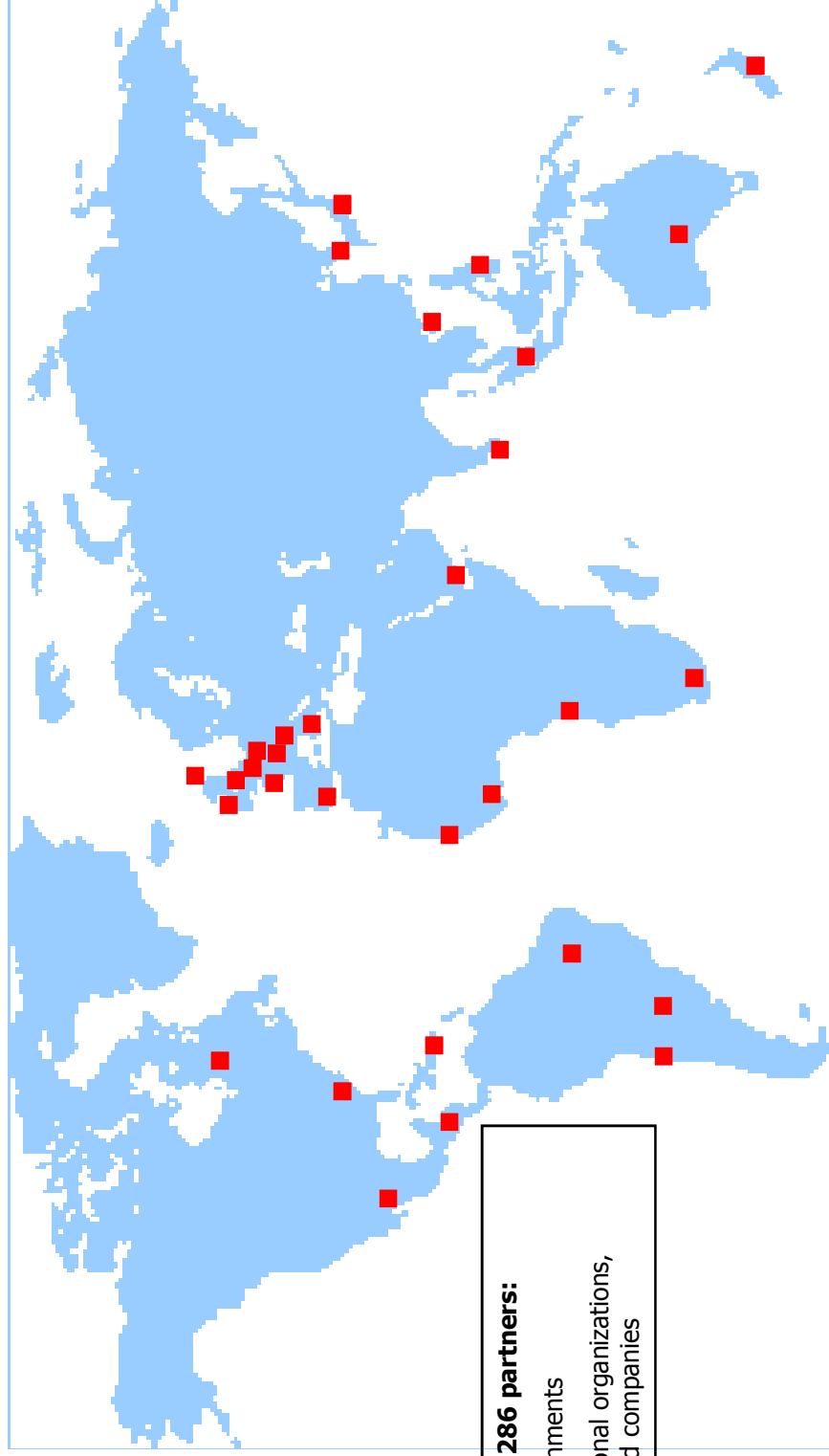
**Binu Parthan**  
**Coventry**  
**16<sup>th</sup> Feb 2009**

# REEEP

- REEEP is a multi-stakeholder Type II partnership launched by the UK government at the WSSD, committed to accelerating the uptake of renewable energy and energy efficiency
- REEEP currently comprises 286 partners representing 41+24 governments, businesses and NGO's.
- REEEP is currently funded by various governments such as Australia, Austria, Germany, EU, Ireland, Italy, the Netherlands, New Zealand, Spain, US, and UK.



# Composition of REEEP Partnership



**Currently 286 partners:**

- 41 Governments
- International organizations, NGOs and companies

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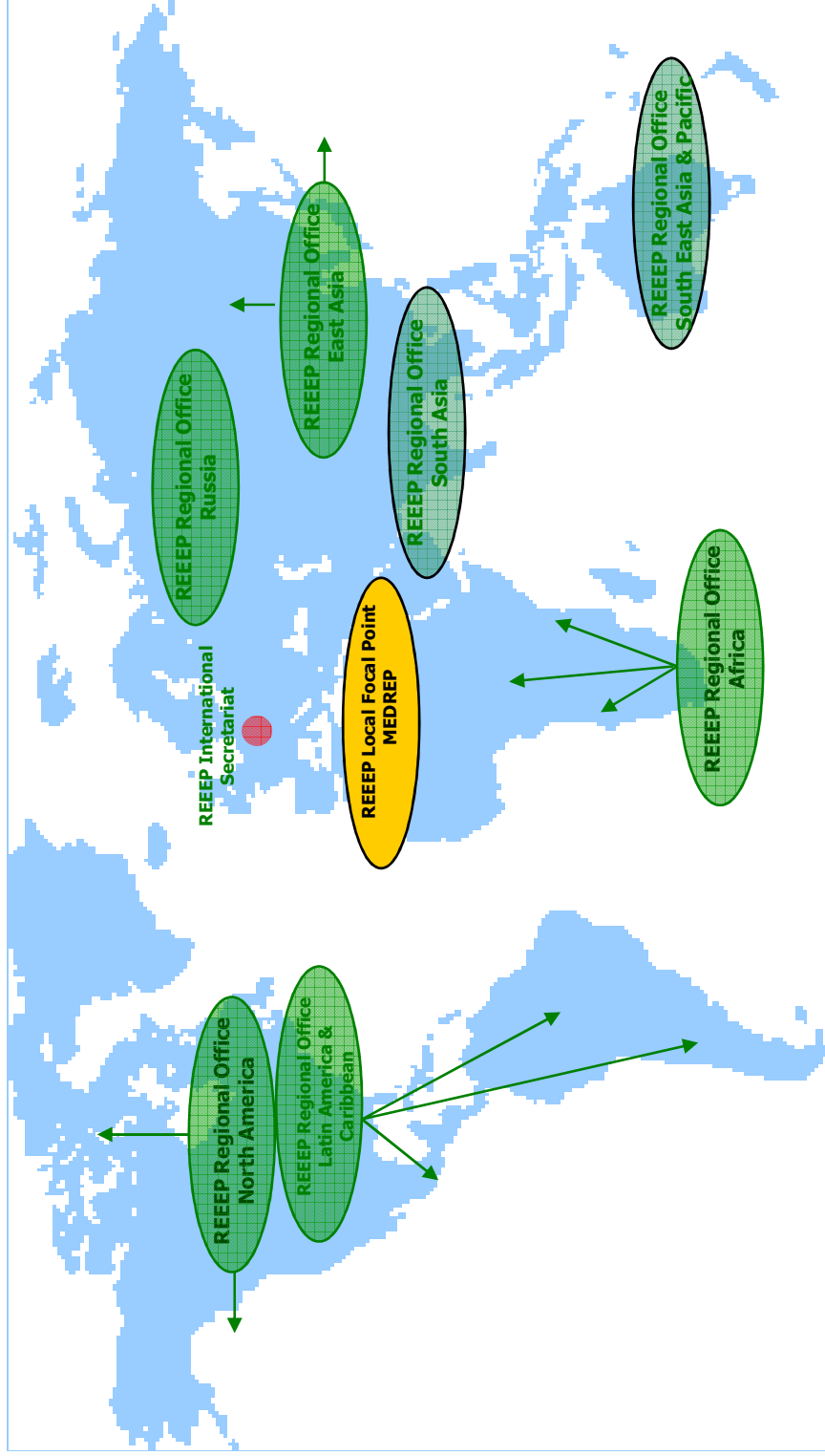


# Vision and Focus

- REEEP focuses equally on the **demand** and **supply** side of energy systems - towards more sustainability
- REEEP aims to reduce **market** and **policy** barriers for renewables and energy efficiency systems
- REEEP believes in action on the ground via projects that target on **policy** and **regulation** and **business** and **finance** approaches.



# REEEP Regional Network

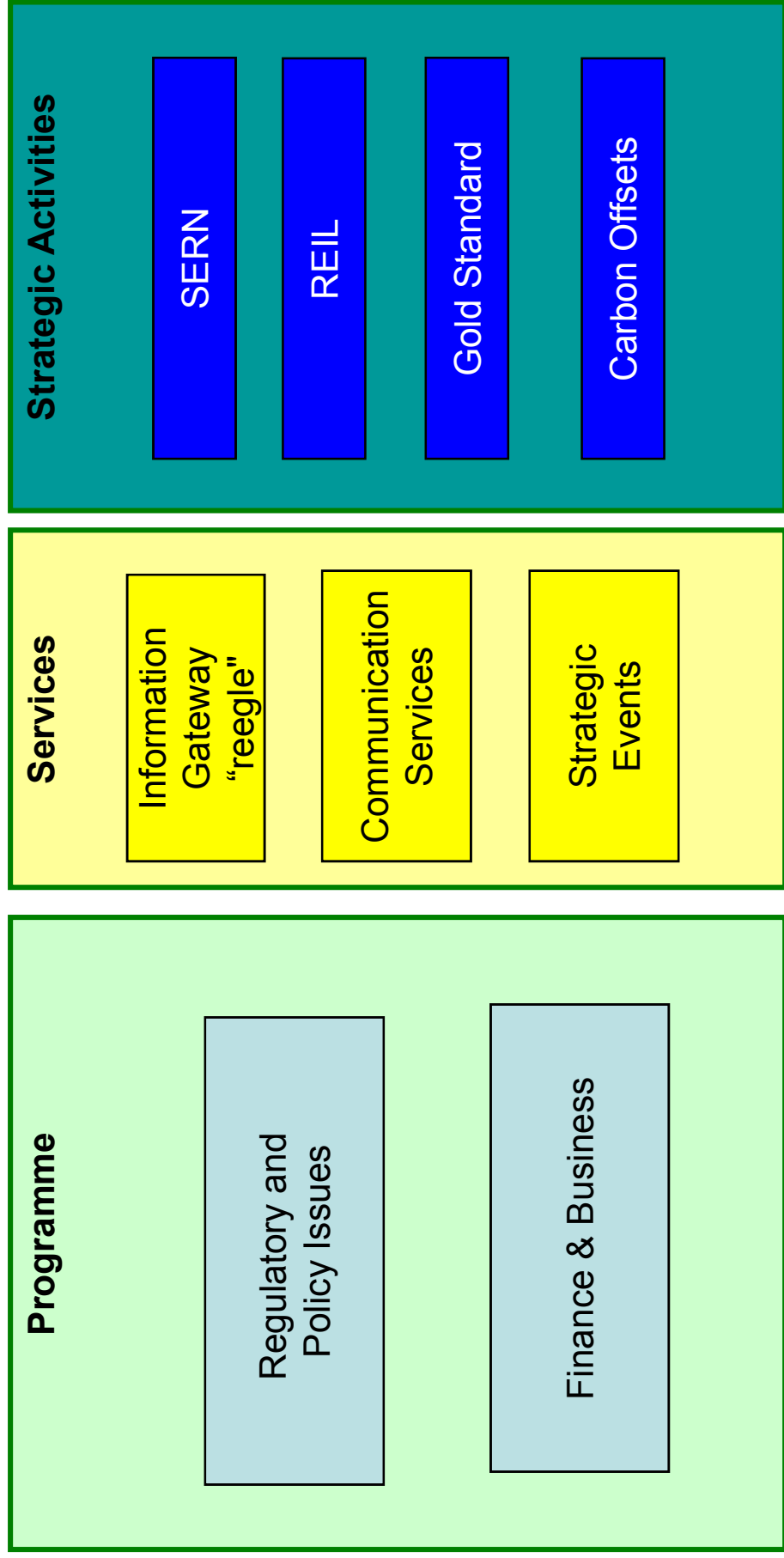


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# Snapshot

**REEEP activities with annual budget of € 5.5 million**

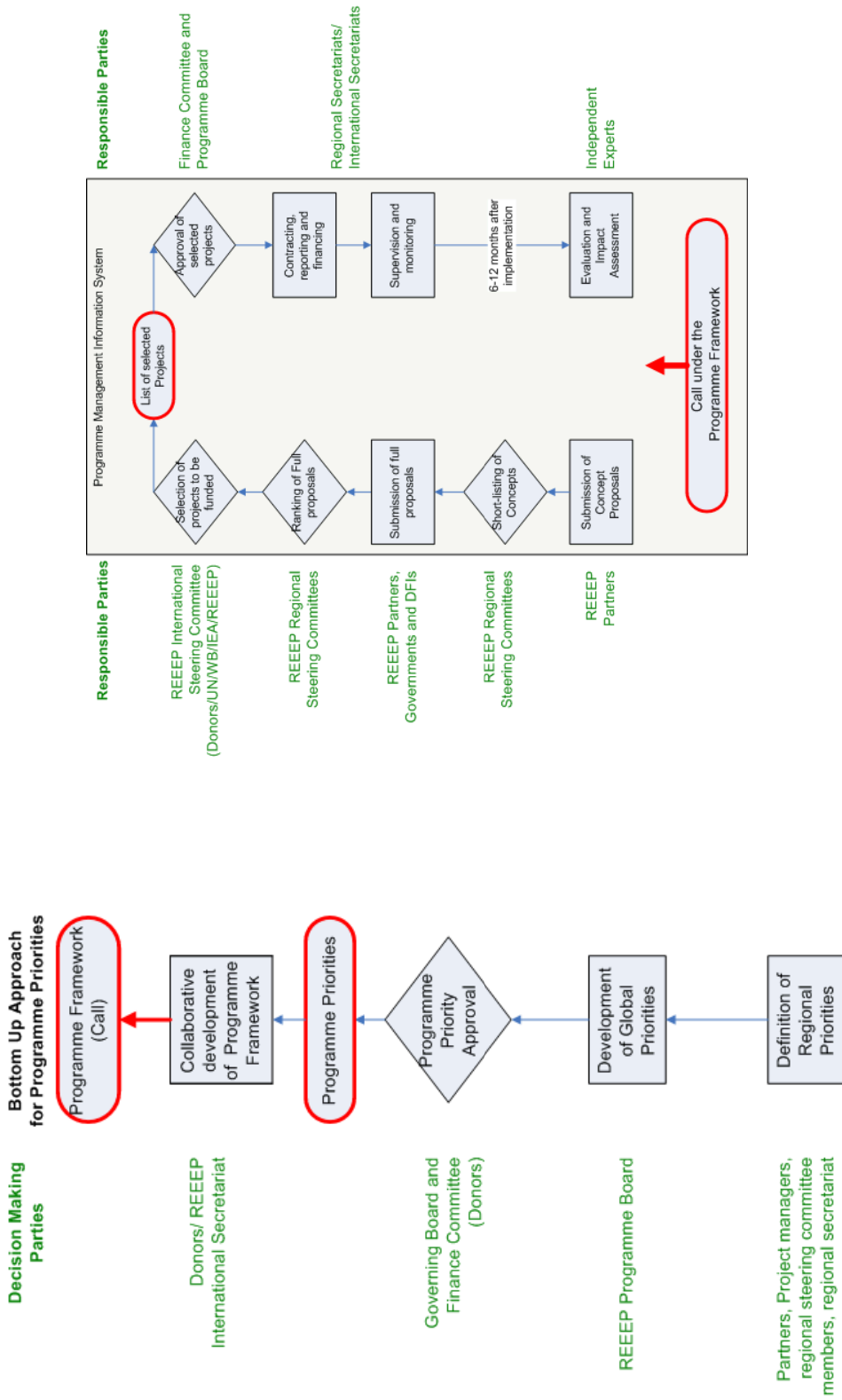


# REEEP Programmes

- Most potent set of activities to achieve REEEP's mission – Accelerating the Uptake of RE and EE
- Priorities developed by REEEP partners through a **bottom-up** process – commissioned projects – **top-down**
- Projects identified through an **open and transparent** process ,online-automated to support best projects in targeted countries – P&R and F&B
- Emphasis on **impacts** than outputs



# REEEP Operational Structure



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# 6th Inter-Parliamentary Meeting on Renewable Energy and Energy Efficiency

- Coherent strategies/guidance for RE/EE policy to decision makers at the EU and international level
- Organisation of a three-day conference in October 2005, during UK EU presidency.
- Promotion of enhanced implementation of EU legislation regarding RE and EE
- Project Partner: PRASEG/EUFORES



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# National Wind Energy Roadmap for China

- Provision of a comprehensive Road Map that enables China to achieve its policy -4000 MW by 2010 and 20,000 MW by 2020;
- Plan for quality assurance, testing and indigenization
- Plan for Establishment of an industrial basis for manufacturing large-scale wind turbines and of a domestic capacity for commercial wind farm project development
- Plan developed and implemented already 12000 MW in end 2008
- Project Partner: CRED/ERI



# Removal of Barriers for Residential Energy Efficiency

- Assessment of energy saving potentials in residential areas
- 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 and dissemination via MUNEE
- Can serve as a model for municipalities in other transition countries
- Project partner: Alliance to Save Energy



# Facilitating ESCO Projects in the Health Care Sector in Poland

- A model for implementation of ESCO Energy Performance Contracts (EPCs) in Polish hospitals
- Analysis of the policy changes necessary to allow the National Health Fund (NFZ) or other entities to cover the annual payments to ESCOs under EPC contracts
- Preparation of a pilot EE project at one of over 800 Polish hospitals with energy saving potentials of between 20-40%, and completion of ESCO tender document to make project self-sustaining and replicable
- Project Partner: NAPE



# EU and REEEP

- REEEP funding from several EU countries – UK, Norway, Ireland, Italy, Austria, Spain, Germany and Netherlands.
- EU and member states represented in REEEP Governance bodies;
- EU Organisations very active in REEEP programmes – providing expertise to Brazil, China, India, Mexico and South Africa;
- Activities in Eastern Europe/ Transition countries;
- More EU partners and resources welcome!

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# Challenges to Expanding the Global market for RE & EE

- Energy Regulators awareness and support to RE & EE low and need to develop more Regulatory Instruments for RE & EE;
- Need for an international climate change mitigation framework and a carbon price signal/ RECs/ White certificates – incentive for RE & EE generation;
- Finance available for supporting RE & EE projects and efforts – policies & incentives and the risk management tools;
- More work needed on management issues – last mile models, social merchant banks, supply chains to promote small RE systems;
- Role of government – buildings, transport, social sectors – government procurement roadmaps.
- Technology – Smart grids, energy storage, HVDC transmissions



# Conclusions

- Development of markets for renewable energy and energy efficiency has challenges – policy, regulation, finance and business, technology;
- REEEP’s experience primarily non-EU, small could offer lessons across all markets;
- Welcome more EU partners.
- Use REEEP to develop RE and EE markets



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# Thank You

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All pictures from REEEP supported projects.