



# Energy and Environment Programme

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## EU - China

# Energy and Environment Programme

**Wind Power Shanghai 2007**  
**Sheraton Grand Hotel**

**Frank Haugwitz**  
**EU Renewable Energy Manager**



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## Background

- EU-China Framework of Development Cooperation
- Duration 5/2003 – 5/2008 → extended to 11/2009
- Budget: EU: € 20 Mio. plus China: € 22.9 Mio
- Executing Authority: MOFCOM
- Implementing Agencies: NDRC, MOST, ERI and CNPC
- Contracting Authority: Programme Management Unit

## Objectives

- Foster industrial cooperation between EU and China
- Strengthen the security of energy supply in China & EU
- Protect the global environment & ensure sustainable development



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## Four Components of the Programme

- Energy Policy Development
- Energy Efficiency
- Natural Gas
- **Renewable Energy**



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## Renewable Energy Component

### Promote the Utilization of Renewable Energies

- Capacity Building in Policy Development, Implementation and Dissemination
- Development of Biomass Resources for Rural Energy Provision
- Village Power Development in Western China
- *Development of Off-Shore Wind Energy Resources*



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## Programme Activities

- Direct Implementation
  - Specific Workshops & Conferences
  - Study tours
  - Small studies
- Calls for Tenders
- *Calls for Proposals (Submission Deadline Dec. 19, 2007)*



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## RE Component – Call for Proposals

### Priorities

- Biomass Conversion Technologies for Rural Energy Provision
- Pelletising Technologies for Rural Energy Provision
- Gasification/Biogas for Power Generation Technologies
- Direct Combustion for Heat & Power Generation Technologies
  
- *Off-Shore Wind Energy Technologies*
- *Off-Shore Wind Farm Development Technologies*
- *Localisation of large Turbine Technologies*



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## RE Component – Call for Proposals

### Feasibility Study

- For NEW technology, methodology, tool
- Cost effective
- Feasible to put into practice

### ... includes

- Evaluation of deployment
- Operational, economic, financial, technical analyses
- Actions to disseminate the results (public, investors)



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## **RE Component – Call for Proposals**

### **Possible Subjects of Feasibility Studies**

- Types of Foundations for Off-Shore Wind Turbines
- Types of Installation Ships for Off-Shore Wind Turbines
- Investigation of Semi-Off-Shore Areas e.g. Jiangsu Province
- Re-evaluation of available Wind Data
- Investigation of Character of Sea Bottom
- ...



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## RE Component – Call for Proposals

### Aspects of Eligibility of Partners

Partnership: no partnership required EU, ALA\*

Legal Status: exceptionally, partners may be profit making

But: the action for which the grant is received must be non-profit making

\* ALA = Asia and Latin America



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## RE Component – Call for Proposals

**Available Grants = 50% of eligible costs**

EU-Aid Website provides “Tender Dossiers”

<http://ec.europa.eu/europeaid/cgi/frame12.pl>

**Deadline for Submission: December 19, 2007 !!!**



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**Thank you for your attention !**

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