



# Projects

## of the Asia Pro Eco Programme



### Asia Pro Eco Programme

Asia Pro Eco is an initiative designed to strengthen environmental dialogue between Europe and Asia. The Programme co-finances mutually beneficial partnerships in the field of the environment between Europe and Asia to share strategies, advanced technologies and know-how in addressing environmental issues

### Eligible countries

Afghanistan  
Bangladesh  
Bhutan  
Cambodia  
China  
East Timor  
India  
Indonesia  
Lao PDR  
Malaysia  
Maldives  
Nepal  
Pakistan  
Phillippines  
Sri Lanka  
Thailand  
Vietnam

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<http://europa.eu.int/comm/europaaid/projects/asia-pro-eco/>

## Efficient Integration of Renewable Biomass / Wastes Processing with Downstream Micro(gas) Turbine for Bioenergy Supply: Feasibility Study and Preparations for the Implementation of a Demonstration Project

**Contract:** 2598/07-2003/062-706  
**Call for Proposals:** EUROPEAID/114518/C/G  
**Component:** Feasibility Study  
**Sector:** Waste Management  
**Lead Applicant:** Tianjin University, School of Environmental Science and Engineering – **China**

**Partners:**

- Energy Research Institute of Shandong Academy of Sciences – **China**
- University "Complutense" of Madrid (UCM) – **Spain**
- Universita degli Studi di Perugia – **Italy**
- Lund Institute of Technology – **Sweden**

**Project Location:** **China**

**Project Description:** The aim of this project is to address to a good solution to the environmental problem by developing an economically sustainable energy path through the rational exploitation of renewable biomass/wastes as fuel. The results should be of great interest to a wide ranges of people particularly target groups--environment authority, relevant policy-makers and legislators, wastes managers, energy producers/users, gas turbine manufacturers, biomass-processing industry, SMEs operators, related students and R&TD personnel.

**Project Objectives:** The objective of this project is the determination of efficient integrated processes to use biomass/wastes to produce bioenergy (bioelectricity in particular) in China and eventually other Asiatic countries in order to reduce greenhouse gases (GHGs) emissions and efficiently use this renewable energy source. The integrated process will be selected among the most promising technologies developed in the EU and which can greatly benefit from a research which includes technology transfer to China. The direct objective of this project is to provide a strong base for the implementation of next-phase Demonstration project (Demo project) planned in Jinan, Shangdong Province, China.



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**EC Contribution:** € 423.823, 60

**Start Date:** 3 June 2003

**Duration:** 12 months

**Status:** On-going

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