

T@W Partners

SET branch organisations

The European Biomass Industry Association - EUBIA

www.eubia.org

The European Small Hydropower Association - ESHA

www.esha.be

COGEN Europe

www.cogen.org

European partners

Zentrum für rationelle Energieanwendung und Umwelt GmbH – ZREU, Germany

www.zreu.de

Energy Centre Bratislava – ECB, Slovakia

www.ecb.sk

IEO Ltd., Poland

www.ieo.pl

KanEnergi Sweden AB

www.kanenergi.se

Institute of Mechanical Engineering -

IDMEC-IST, Portugal

www.ist.utl.pt

CPL Scientific Publishing Services, UK

www.cplpress.com/sps

Sofia Energy Centre – SEC, Bulgaria

www.sec.bg

Ente Vasco de la Energía – EVE, Spain

www.eve.es

ETA - Renewable Energies, Italy

www.etaflorence.it

Asian partners

The Energy and Resources Institute – TERI, India

www.teriin.org

Centre for Energy Environment Resources

Development – CEERD, Thailand

<http://aen.ceerd.net>

Pusat Tenaga Malaysia - PTM

www.ptm.org.my

Guangzhou Institute of Energy Conversion –

GIEC, China

www.giec.ac.cn

Zhejiang Energy Research Institute of China –

ZERI

www.china-zeri.org

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T@W - Technology at Work

Thematic Promotion of
Sustainable Energy
Technologies at
Climate Markets:
EU Emission Trade &
CDM markets'

www.setatwork.eu



Objectives:

The basic objective is to facilitate the entry of European knowhow on sustainable energy technologies into emerging climate markets: The EU Emission Trading Scheme (EU ETS) and CDM markets in Asia.

The targeted sustainable energy technologies (SET) are:

- Bio energy (biomass, biogas, etc);
- Wind energy;
- Solar thermal heating & cooling and sol;
- Small scale hydro power;
- Geothermal energy;
- Poly-generation (Trigeneration, CHP, etc);

Description of work:

The T@W project is composed of the following work packages:

- ▶ WP1 Project Management
- ▶ WP2 SET Promotion at EU ETS market
Comprises a thematic approach to promotion of SET at companies under the ETS. The activities will address RTD aspects, project facilitation and business concept aspects of the emerging market.
- ▶ WP3 SET Promotion at CDM markets
Entails a parallel thematic approach to promotion of SET at the CDM markets under rapid development in Asia. It will address the same themes as under WP2. The main findings of relevance for market actors at broad scale will be extracted.
- ▶ WP4 Project Dissemination
Comprises the undertaking of promotional tools for encouraging sound market operations. This includes technology transfer events in Asia and side event at CARBON EXPO 2007.
- ▶ WP5 Evaluation and Strategy
Entails monitoring of the progress of the action and an impact assessment in its last stage. Further it involves strategies for the further promotion of SET at carbon markets, including helping export strategies for European SET suppliers.

Project period: 24 months from 1 May 2006

T@W Intervention on EU ETS

The European Emission Trading Scheme market is put in place as a vehicle for realisation of EU's commitment to the challenge of reducing the global greenhouse effect.

The EU ETS give incentives for European companies to reduce their CO₂ emissions in a manner that encourage the most cost-efficient measures.

Within this context, the aim of the T@W project is to promote the use of sustainable energy technologies/RTD with the following focus areas:

- ▶ Investigating the appropriate use of FP RTD results at the ETS market
- ▶ Encouraging companies operating on the ETS to use high standard/advanced SET solution
- ▶ Developing SET implementation concepts, partly focused on concepts entailing co-operation between companies in former EU-15 and New Member States

The work will be centred around three themes:

THEME 1: SET/ RTD assessment and good practice

THEME 2: Facilitating technology implementation at ETS company/project host level.

THEME 3: Concept development/ facilitating business cooperation



CHP installation. Source: COGEN Europe

We do encourage SET suppliers and companies under the ETS to take advantage of the services offered by the T@W project

T@W Intervention on CDM Markets

The Clean Development Mechanism – CDM is a project based means of meeting the climate goals. The EU Linking Directive allows European companies to act on international CDM markets in accordance with the internationally agreed procedures for CDM projects and transferring the gained CO₂ credits into the EU ETS system.

Against that background, the aim of the T@W project is to promote the use of sustainable energy technologies/RTD at the following SET/CDM markets in Asia: China, Thailand, Malaysia and India. The focus areas are:

- ▶ Identifying SET needs for a sustainable energy development in Asia, including possibilities for bringing EU know-how into the market.
- ▶ Facilitating SET/CDM projects and financial concepts for accelerated implementation of SET
- ▶ Initiating business co-operation between companies in Asia and EU and strengthening business relations between Asia and EU

The work will be centred around three themes:

Theme 1: Renewable energy/RTD assessment

Theme 2: Facilitating SET/CDM project development

Theme 3: Facilitating business co-operation between SET actors in Asia and EU



Small hydro power installation. Source: ESHA

We do encourage actors active in the targeted CDM markets to take advantage of the services offered by the T@W project

Please visit our website and register for the T@W services and do not hesitate to contact the project team for any inquiries