



## Sustainable Energy Technology at Work

### SETatWork Project

# Match-Making "Possibilità per l'Emission Trading System"

*Friday, 10 September 2010*

*Rome Fair Center, Italy*

Organized by:

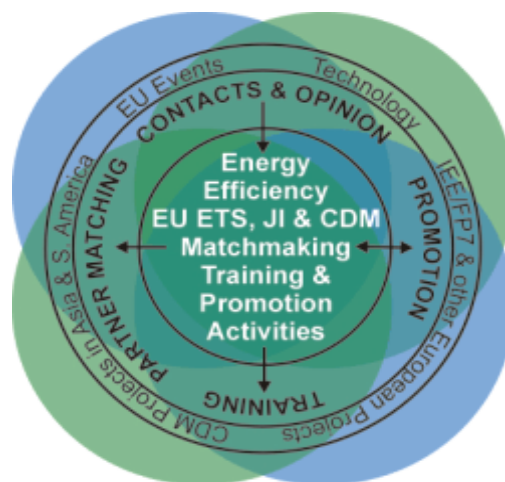
**etaflorence** \* **renewableenergies**



The world has entered a new energy era, where energy technology has a vital role to play. Sustainable Energy Technology at Work, SETatWork, strives at uniformed effort on addressing the EU interests in the carbon markets, by comprising EU policy goals as well as business opportunities. The basic objective of SETatWork, is to facilitate the entry of European know-how on Sustainable Energy Technologies (SET) into emerging climate markets: the European Union Emission Trading Scheme (EU ETS) and the Clean Development Mechanism (CDM) market in Asia and Latin America.

Sustainable Energy Technology at Work, a project supported by the EU's Seventh Framework Programme (FP7), is thus having as a key aim to promote sustainable energy technologies at carbon markets with focus on EU ETS and CDM markets in Asia and Latin America.

### *The core project activities*



[www.setatwork.eu](http://www.setatwork.eu)



## **Background**

The global society is faced with a huge challenge in order to meet the threat given by global warming. The project SETatWork - Sustainable Energy Technologies at Work aims to meet this challenge through the collaboration and partnerships between organisations in EU, Asia and South America, supported by the EU's Seventh Framework Programme (FP7).

The project team will observe the energy efficiency and carbon market development and disseminate the findings as inspiration for market actors and carbon market regulators.

The solution to current challenges will certainly require a comprehensive approach in order to gain broad acceptance from all actors who have a stake in the success of the CDM market.

The format of the event is tailored to the needs of the carbon market, and this year it was once again an ideal platform for serious discussions at the match-making.





## **Match-Making Contents**

The ETS match-making event has been organized on behalf of ZeroEmission Expo that took place in Rome from the 8th to the 10<sup>th</sup> of September 2010.

The key objective is to foster cooperation in the field of CDM projects; by creating contact between local CDM project developers & related business and EU stakeholders like buyers of CO<sub>2</sub> credits and technology suppliers. This will be supplemented with other commercial and RTD activities.

The participants were interested in having contact with the organisations and companies for further business and learning about financing contacts. The event resulted in several contacts of direct interest to SETatWork activities.

It seems that some organisations want to have contact with national and international companies to be able to start working with their climate goals. For this CDM as mechanism is a very interesting financing model for them to be able to afford investing in clean technologies.

The technology focus is on energy efficiency and polygeneration in the industry sectors, but the scope of cooperation can cover broadly in the field of sustainable energy.

The main objectives of this:

- The participants have been the opportunity to share experiences and discuss "face-to-face" regarding new business opportunities.
- Identify the opportunities for specific action in the industries for CO<sub>2</sub> reduction measures. This is to be achieved by local partners in coordination with important industry organisations.
- Promote the implementation of innovative and sustainable technologies in companies that participate in EU Emissions Trading System.
- Matching stakeholders involved in energy efficiency and savings in European industry sectors for realization of energy efficiency and saving projects.

After some presentations, all the participants had the opportunity to share experiences, discuss "face-to-face" to facilitate the realisation of the identified opportunities, present original ideas, and search for innovative technologies, projects and know-how, meet potential co-operation partners and promote their business.





- Vanessa Leonardi - **Italian Ministry for the Environment, Land and Sea. Department for Sustainable Development, Climate Change and Energy**

***“The future of flexible mechanisms”***

The presentation was an interesting overview regarding the future of flexible mechanisms that include: International Emissions Trading (ET), Joint Implementation (JI), and Clean Development Mechanism (CDM). The flexible mechanisms play a strategic role for Italy in order to reduce the overall burden of compliance with the Kyoto Protocol and to maintain the competitiveness of our country. The mechanism of Joint Implementation is one of the flexible mechanisms under the Kyoto Protocol allows companies in countries with emission constraints to implement projects aimed at reducing emissions in other countries emission constraints. The JI projects are "zero-sum transactions" as the total emissions allowed in the two countries remain the same. The CDM allows companies in industrialized countries with emission constraints to implement projects aimed at reducing greenhouse gas emissions in developing countries without emission constraints.

- Alessia Barone - **SendeCO2**

***“The European market for emissions: Dynamics and Perspectives”***

SENDECO2 is a regulated electronic market for spot trading of CO2 emission rights within the EU ETS scheme. Spot markets are one of Europe's most important to exchange:

**EUAs** European CO2 Allowances (EU ETS), **CERs** Certified Emission Reduction (CDM), **ERUs** Emissions Reduction Unit (JI), **VERs** Verified Emission Reduction (Voluntary Mkt).

- Roberto Raccanelli - **Ernst & Young**

***“Evolution of the European Emission Trading scheme: the inclusion of aviation”***

The aviation is the first inclusion of the transport sector in the ETS and the first non-industrial:

- Sharp rise in emissions in the transport sector in recent years
- Forecast of further increases in the coming years for aviation
- Sizeable aviation over total European emissions (3%, increased by 100% over the last 15 years)
- Possible real greenhouse approximately 2-3 times that estimated for the only CO2 (IPCC estimates)

- Lucia Perugini - **Università della Tuscia**

***“The experience of developing CDM A/R and future prospects”***

The project design document for afforestation and reforestation project activities (CDM-A/R-PDD) and the glossary of terms have been developed by the Executive Board on the basis of Appendix B of the CDM modalities and procedures for afforestation and reforestation project activities. Project participants shall submit information on their proposed CDM project activity using the project design document for afforestation and reforestation project activities (CDM-



A/R-PDD). Verification is the periodic independent review and ex post determination by the designated operational entity of the monitored reductions in anthropogenic emissions by sources of greenhouse gases that have occurred as a result of a registered A/R CDM project activity during the verification period. Certification is the written assurance by the designated operational entity that, during a specified time period, a project activity achieved the reductions in anthropogenic emissions by sources of greenhouse gases as verified.

### *Some pictures of the Match-Making*

