

### About SETatWork

SETatWork assists European industries to gain access to the carbon markets by improving energy performance by offering an information platform and a wide range of activities within training, promotion and matchmaking for industry, technology suppliers and actors in the global Carbon Market. Learn more on [www.SETatWork.eu](http://www.SETatWork.eu)

### State of the Carbon Market

Not functioning yet.

### Profile

- 1) Kyoto commitment target - 8 % reduction for the first commitment period (2008-2012) compared to 1988;
- 2) Below the limit for the first implementation period – as of 2007 CO<sub>2</sub> emissions are 60 % of the base-year level.
- 3) Key sectors:
  - Energy production and industrial processes
  - ferrous metallurgy, mineral oil refineries, cement production;

### ETS in industry

- 1) Topics of interest:
  - ETS, carbon market information – lack of information and awareness of the principles and ways of functioning;
  - Systems for environmental management related to ETS market;
  - Energy management systems;
  - Biomass utilisation; Industrial CHP.
- 2) No available statistics on ETS compliance situation – ETS hasn't started yet due to delay in NAP 2008-2012 approval;
- 3) Lack of information and awareness of the principles and functioning of ETS and carbon market information.

### SETatWork Contact for BULGARIA:



**Sofia Energy Centre (SEC)** is an independent energy consultancy company established as a successor of European Community Energy Centre Sofia. SEC has gained a lot of experience in the field of different EU energy programmes implementation in Bulgaria, such as PHARE, SYNERGY, SAVE, THERMIE and ENERGIE projects and actions.

The main fields of activity are thematic promotion, information dissemination and assistance in market penetration of EU energy efficient and environmentally friendly technologies in Bulgaria and in the Balkans. During 1998-2002 SEC was consequently coordinating FEMOPET Bulgaria (a Fellow Member to the Organisations for Promotion of Energy Technologies) and Balkan OPET Consortia. SEC was also taking part in OPET Buildings, OPET CHP /DH and OPET Clean Fossil Fuel Clusters (2003-2004).

SEC was also a partner in the FP6 T@W Project, dealing with promotion of sustainable energy technologies in Bulgarian market and encouraging project initiation for JI and EU ETS scheme financing. SEC has been implementing targeted sets of actions to promote rational use of energy and utilisation of renewable energies in order to support sustainable development of the society, as follows:

- Promotion of energy efficiency in industry (including energy industry – Bulgarian district heating sector) and buildings; energy management in industry and buildings;
- Promotion of CHP/Small CHP technology in the Bulgarian District Heating Sector, as well as in small industries (hotels, textile companies, etc.) and other suitable sites for Small-scale CHP;
- A number of RES technologies – solar energy (thermal and PV), biomass – solid agricultural and wood wastes; potential of wind turbines along Bulgarian Black Sea Coast;

SEC has also implemented targeted promotion & dissemination actions for municipals/local authorities.

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Details of other partners can be found at: [www.setatwork.eu/partners.htm](http://www.setatwork.eu/partners.htm)

Details of case studies, businesses and match-making opportunities in Bulgaria and the other countries covered by SETatWork can be found online at: [www.SETatWork.eu](http://www.SETatWork.eu)

### SET Providers

#### CHP units:

TEDOM units, local distributor Chime Co, Bulgaria  
GE's Jenbacher gas engines  
Viessmann, Vitobloc CHP units;  
Dynaf Spruyt Group, Netherlands.

#### Solar thermal systems:

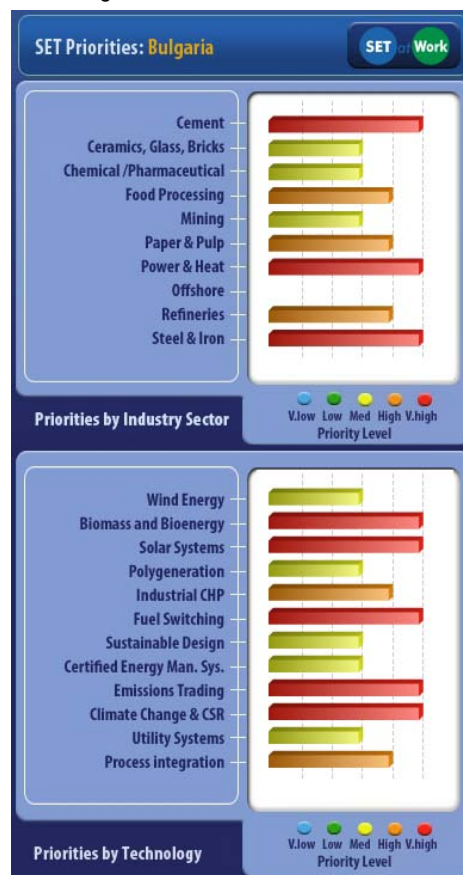
Viessmann (Germany)  
Buderus Heiztechnik (Germany)  
Wolf (Germany)  
Local counterparts: Erato holding, Apex Solar, Ecotop Ltd.

#### Biomass boilers:

Erato Holding, BG Term, Dyavach Ltd.

### Good Practice

1. **JI Project:** CHP in DH Bourgas, under MoU with Denmark - 493 570 CO<sub>2</sub> emissions savings till 2012.
2. **JI Project:** CHP in DH EVN Plovdiv, under MoU with Holland, - 847 401 CO<sub>2</sub> emissions savings till 2012.



The above priorities are based on the allocations given by NAP 2008-2012 and on previous knowledge about potential of key SET technologies in Bulgaria.

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