

European SET-Plan: EPPSA Position

EPPSA shares the vision for action and strategy described in the SET-Plan. EU-Member States must target a substantial reduction in CO₂ emissions. Speed is decisive. We have to use all available and affordable technologies to quickly achieve the desired results.

For **Power Generation** the key issues of urgency are

- Creation of a regulatory framework for Carbon Capture and Storage (CCS)
- Funding for CCS, starting with demo plants – including potential revenues from ETS
- Expansion and coordination of R&D/D
- Actions to implement CCS at global level

Role of Fossil Power Generation

Fossil Power Generation will remain vitally important, especially in regions with large indigenous supplies of coal and gas. Wind and Photovoltaic, as intermittent renewables, will contribute to European electricity supply but must be backed up by fossil fired plants. Therefore it is of the utmost urgency to make fossil power plants into zero-emission plants. The fast track to CO₂ reduction is efficiency increase and the introduction in parallel of CCS for all kinds of fossil power plants.

EPPSA Member companies are ready to

- expand their substantial R&D investment
- participate in the “High Level Group on financing low carbon technologies”
- send representatives in to the “Steering Group on energy research and innovation”
- contribute to a “European CO₂ capture, transport and storage initiative” on a European level, building on and accelerating the work of the ZEP

EPPSA asks the EU to recognise

- the relative scale of what can be achieved by CCS on coal and gas and match this with the scale of its efforts.
- the key challenge of achieving a massive “roll-out” of CCS on coal and gas, globally between 2020 and 2050.
- the need to accelerate the creation of the High Level Group in order to have a report by June 2008

In conclusion, EPPSA proposes to include the following issues in the SET-Plan:

[page 5, 3rd para]

Add in the box “key EU milestones towards the 2050 targets” an additional - 2nd position - bullet as follows:

Achieve a massive implementation of CO₂ capture, transport and storage technologies on coal and gas fired power plants, globally.

Note: This implementation is vital to achieve global CO₂ reduction targets

[page 8, 3rd para]

Add the aspect “urgency”; text:

It is essential to address the mismatch between the sheer magnitude and urgency of the energy and climate change challenge and.....

Note: it is not only the magnitude which has to be addressed. We have to be fast.

[page 10, 2nd bullet]

Add the aspect demo plants and global CCS implementation: text add on:

European CO₂ capture, transport and storage initiative: focus on the whole system.....to prove the viability of.....to achieve at least 10-12 demo plants operational by 2015 serving as a platform for massive global implementation after 2020.

[page 12, 4th para]

Additional resources are urgently needed: text add on “as soon as possible”:

In the light of this report, the.....mobilising additional resources as soon as possible in 2008.