



Z E P Zero Emission Fossil Fuel Power Plants

The ZEP Technology Platform: driving CCS forward in Europe

Climate change is one of the most serious challenges faced by humankind today and one of the most effective solutions for reducing CO₂ emissions will be the introduction of zero emission fossil fuel power plants, incorporating CO₂ capture and storage (CCS) technology.

The European Commission, European energy industry, NGOs and research community have therefore established a European Technology Platform for Zero Emission Fossil Fuel Power Plants (ZEP) in order to unite all key stakeholders in this field. Indeed, it is represented not only by the utility, equipment manufacturing and oil & gas industries, but also by scientists, environmentalists and governmental bodies. This is reflected in the members of ZEP's Advisory Council:

Kurt Häge, *Vattenfall AB, Vattenfall Europe, Chairman of ETP-ZEP*
Olivier Appert, *Institut Français du Pétrole, Vice chairman of ETP-ZEP*
Gardiner Hill, *BP, Vice chairman of ETP-ZEP*
Charles Soothill, *ALSTOM Power, Vice chairman of ETP-ZEP*
Niels Peter Christensen, *Geological Survey of Denmark & Greenland*
Jozef Dubinski, *CMI*
Bernhard Fischer, *E.ON Energie AG*
Roberto Garosi, *Ansaldo Energia S.p.A.*
Jean-Michel Gires, *TOTAL SA*
Frederic Hauge, *The Bellona Foundation*
François Jackow, *Air Liquide*
Philippe Lacour-Gayet, *Schlumberger*
Johannes Lambertz, *RWE Power AG*
Harry Lampenius, *Foster Wheeler Power Group Europe*
John Ludden, *British Geological Survey*
Gennaro De Michele, *ENEL*
Iain Miller, *Mitsui Babcock*
Hakon Mosbech, *ENERGI E₂ A/S*
Santiago Sabugal Garcia, *ENDESA Generación*
Stephan Singer, *WWF International*
Michael J. Suess, *Siemens AG*
Graeme Sweeney, *Shell Renewables, Hydrogen and CO₂*
Arve Thorvik, *Statoil*
Antonio Valero, *Fundación CIRCE*

Zero emissions from European fossil fuel power plants by 2020

Our mission? To enable commercially available zero emission fossil fuel power plants by 2020 and unite European industry in developing and deploying new technologies. To this end, ZEP has set out a clear roadmap for the wide-scale deployment of CCS through its Strategic Deployment Document (SDD) and Strategic Research Agenda (SRA) – both overwhelmingly endorsed by all major European stakeholders.

Further information can be obtained through the website of ETP-ZEP:
www.zero-emissionplatform.eu.