

Invitation

ENCAP, "Enhanced Capture of CO₂" is an Integrated Project (IP) whose objective is to develop new pre-combustion CO₂ capture technologies and processes for power generation. ENCAP aims at technologies that meet the target of at least 90% CO₂-capture-rate and 50% CO₂-capture-cost reduction. A group of 33 legal entities comprising 6 large European fossil fuel end users, 11 leading technology providers, and 16 high ranked RTD providers has agreed to establish the ENCAP consortium. The results from ENCAP will enable power companies to decide to launch a new design project by 2008-2010 aimed at a large demonstration plant with the potential for wide commercial exploitation in the horizon of 2015-2020.

CASTOR, "CO₂ from Capture to Storage", is an European initiative (IP) grouping 30 partners (industries, research institutes and universities) coming from 11 different European countries and partially funded by the European Commission under the 6th Framework Program. The overall goal of CASTOR is to develop and validate, in public/private partnerships, all the innovative technologies needed to capture CO₂ and store CO₂ in a reliable and safe way. Key targets of CASTOR will be: a major reduction in post-combustion capture costs, from 50-60 € down to 20-30 € per ton of CO₂ (large volumes of flue gases need to be treated with low CO₂ content and low pressure), to advance general acceptance of the overall concept in terms of storage performance (capacity, CO₂ residence time), storage security and environmental acceptability and to start the development of an integrated strategy connecting capture, transport and storage options for Europe.

ENCAP and CASTOR Project Partners will be pleased to welcome you to the common

ENCAP – CASTOR **Training Seminar / Workshop**

to be held at Hotel LEGOLAND, Billund, Denmark, on 16th March 2006.

Issues related to CO₂ pre- and post-combustion capture and CO₂ storage will be covered. More information on the projects could be found in the following web addresses:

www.encapco2.org and www.co2-castor.com

On behalf of ENCAP
Project Management Group

On behalf of CASTOR
Project Management Group

Leif Brandels
Vattenfall

Pierre Le Thiez
IFP