

# EGTEI

**Working Group on Evolution of Abatement Technologies over Time and on Emerging Technologies for Large Combustion Plants**

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**Aim and Organisation**

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**First Draft**

# AIM OF THE LCP's WORKING GROUP

- ◆ To assess what could be done technically and economically to reduce air emissions from LCP's up to 2020/2030
- ◆ To provide technical and economical information on emerging technologies and on evolution of abatement technologies for the coming years
- ◆ To provide this information for modelling work
- ◆ To focus on :
  - n Environmental performances of technologies
  - n Energy efficiency and CO2 impact
  - n Cost and rate of penetration

# WORK DESCRIPTION AND LIMITS

- ◆ To make a distinction between 2007 existing plants still operational in 2020/2030 and new plants to be built in the coming years and still operational in 2020/2030
- ◆ To focus on PM, SO<sub>x</sub>, NO<sub>x</sub> and CO<sub>2</sub> emissions
- ◆ To focus on LCP's > 500 MWth and operated under base load conditions
- ◆ Need for judgement experts

# POSSIBLE ROUTES TO EXPLORE

- ◆ Pulverized coal plants
- ◆ Gas combined cycle plants

# WORKING GROUP ORGANISATION

- ◆ WG co-chaired by industry and national administration
- ◆ Need for an equilibrium between industry input and national administrations input
- ◆ NGO's welcomed
- ◆ Need for input from technology manufacturers, plants operators and engineering experts
- ◆ Kick-off meeting in January 2007

# PENDING DIFFICULTIES

- ◆ Not enough participation from national administrations
- ◆ Reluctance from industry to provide information
- ◆ Impossibility to deliver information
- ◆ Scope and definition of the work not clear enough
- ◆ Information too difficult to handle for modelling work
- ◆ Not enough resources available