Challenges and Opportunities for CCS in the Iron and Steel Industry

John Gale
General Manager
IEA Greenhouse Gas R&D Programme
Steel Institute VDEh Auditorium
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IEA Greenhouse Gas R&D Programme

A collaborative research programme founded in 1991 as an IEA Implementing Agreement fully financed by its members

Aim: Provide members with definitive information on the role that technology can play in reducing greenhouse gas emissions.

Scope: All greenhouse gases, all fossil fuels and comparative assessments of technology options

Focus: On CCS in recent years

Producing information that is:
- Objective, trustworthy, independent
- Policy relevant but NOT policy prescriptive
- Reviewed by external Expert Reviewers
- Subject to review of policy implications by Members
Membership
IEAGHG Activities

- **Task 1: Evaluation of technology options**
  - Based on a standard methodology to allow direct comparisons and are peer reviewed

- **Task 2: Facilitating implementation**
  - Provision of “evidence based information”

- **Task 3: Facilitating international cooperation**
  - Knowledge transfer from existing, laboratory, pilot and commercial scale CCS projects globally

- **Task 4: To disseminate the results as widely as possible.**
Specific Focus on CCS

**Power Sector**
- Coal, natural gas and biomass

**Industrial sectors**
- Gas production and oil refining
- Cement sector
- Steel industry

**Cross cutting issues**
- Policy/Regulations
- HSE
- Transport and system infrastructure