



Report from Technical Group

**Projects Recommended
for CSLF Recognition**

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Demonstration of an Oxyfuel Combustion System



- **Location: Renfrew, Scotland, U.K.**
- **Description: Demonstrate oxyfuel technology on a full-scale 40 MW burner**
- **Nominators: United Kingdom and France**
- **Project Contact: Doosan Babcock**

Technical Group recommends CSLF recognition for this project

European CO₂ Technology Centre Mongstad



- **Location: Mongstad, Norway**
- **Description: Establish a test and demonstration facility for two CO₂ capture technologies**
- **Nominators: Norway and Netherlands**
- **Project Contact: TCM**

**Technical Group recommends CSLF
recognition for this project**

Fort Nelson CCS Project



- **Location: Fort Nelson, B.C., Canada**
- **Description: Large-scale demonstration of sequestration in deep saline formations of CO₂ from a natural gas processing plant**
- **Nominators: Canada and United States**
- **Project Contact: Spectra Energy**

Technical Group recommends CSLF recognition for this project

Heartland Area Redwater Project (HARP)



- **Location: Redwater, Alberta, Canada**
- **Description: Demonstrate potential for CO₂ storage in brine-saturated carbonate reef**
- **Nominators: Canada and United States**
- **Project Contact: ARC Resources**

Technical Group recommends CSLF recognition for this project

Lacq CO₂ Capture and Storage Project



- **Location: Lacq, France**
- **Description: Test and demonstrate an entire CCS process, from emissions source (oxyfuel boiler) to underground storage (depleted gas field)**
- **Nominators: France and Canada**
- **Project Contact: Total**

Technical Group recommends CSLF recognition for this project

Northern Netherlands CCS Project



- **Location: Groningen, Netherlands**
- **Description: Implement large-scale regional plan for capture, transport and storage of CO₂ in Groningen province**
- **Nominators: Netherlands and Norway**
- **Project Contact: Groningen provincial government**

**Technical Group recommends CSLF
recognition for this project**

Rotterdam CCS Project



- **Location: Rotterdam, Netherlands**
- **Description: Implement large-scale “CO₂ Hub” for capture, transport, utilization and storage of CO₂**
- **Nominators: Netherlands and Germany**
- **Project Contact: DCMR Environmental Protection Agency**

Technical Group recommends CSLF recognition for this project

CO₂ Storage in Limburg Coal and Sandstone Layers Project



- **Location: Geleen, Netherlands**
- **Description: Determine viability of deep underground coal-bearing sandstone layers for large-scale CO₂ storage**
- **Nominators: Netherlands and France**
- **Project Contact: DSM Agro**

**Technical Group recommends CSLF
recognition for this project**

TXE Carbon Management and Gasification Project



- **Location: Beaumont, Texas, USA**
- **Description: Large-scale demonstration of EOR from CO₂ produced by polygeneration industrial gasification process**
- **Nominators: United States, Canada, and France**
- **Project Contact: Eastman Chemical Co.**

Technical Group recommends CSLF recognition for this project

ZeroGen Project



- **Location: Emerald, Queensland, Australia**
- **Description: Large-scale demonstration of integrated IGCC power plant with CCS**
- **Nominators: Australia and Japan**
- **Project Contact: ZeroGen Pty.**

Technical Group recommends CSLF recognition for this project

Recommendation to Policy Group



The Technical Group recommends that the following 10 projects receive CSLF recognition



Recommendation to Policy Group



- **Demonstration of an Oxyfuel Combustion System**
- **European CO₂ Technology Centre Mongstad Project**
- **Fort Nelson Carbon Capture and Storage Project**
- **Heartland Area Redwater Project (HARP)**
- **Lacq CO₂ Capture and Storage Project**
- **Northern Netherlands CCS Project**
- **Rotterdam CCS Project**
- **Storage of CO₂ in Limburg Coal and Sandstone Layers Project**
- **TXE Carbon Management and Gasification Project**
- **ZeroGen Project**