

ECCSEL Training course on monitoring large scale CCS pilot R&D facilities

Wednesday, February 24th, 2016

Location: Hontomín TDP, Ayuntamiento Merindad de Río Ubierna (Burgos)

[GPS coordinates](#): 42.571667º -3.637778º

Program

- 09:00 Registration
- 09:30 Welcome and introduction
Eduardo Castiñeiras, CEO Fundación Ciudad de la Energía (CIUDEN)
- 09:40 General introduction on ECCSEL project
Sverre Quale, ECCSEL Project Manager NTNU
- 09:55 CO₂ geological storage. Potential development
Ton Wildenborg, CO₂ GeoNet President and Chairman of the course
- 10:35 Large scale pilots worldwide for CO₂ geological storage
Axel Liebscher, GFZ Head of Centre for Geological Storage CGS
- 11:15 *Coffee break*
- 11:30 CO₂ injection on fractured carbonates. Experiences and lessons learned in Hontomín TDP
Carlos Martínez, Professor at Technical University of Madrid
Alberto Ramos, Professor at Technical University of Madrid
- 12:00 Hontomín TDP. Features, facilities and experiences
Carlos de Dios, Low Carbon Technologies Director at Fundación Ciudad de la Energía (CIUDEN)
- 12:30 ECCSEL Transnational Access programme
Sverre Quale, ECCSEL Project Manager NTNU
- 13:00 Discussion
- 13:30 *Lunch (Courtesy of CIUDEN)*
- 15:30 CO₂ injection campaign. Visit of the pilot (*)
- Monitoring and control room
 - CO₂ injection facility
 - Control networks
- 18:00 End of the course

(*) The date for the course is matched with a CO₂ injection campaign at the pilot

Maximum capacity of conference room (in the pilot): **50 people**

() Registrations will be made on first come first served basis.*

Registration and logistics:

Please contact Sandra Ramos (sm.ramos@ciuden.es) Tel.: +34 619 477 490

ECCSEL (European Carbon Dioxide Capture and Storage Laboratory Infrastructure)

The ECCSEL consortium teams up selected **Centres of Excellence on Carbon Capture and Storage research (CCS) from 9 countries across Europe**. The mission of ECCSEL is opening access for researchers to a top quality European research infrastructure devoted to second and third generation CCS technologies in an efficient and structured way to help **enabling low to zero CO₂ emissions from industry and power generation** to combat global climate change.

Information about ECCSEL infrastructure in www.eccsel.org/ and should you have any query, please contact Volker Röhling (volker.rohling@ntnu.no)

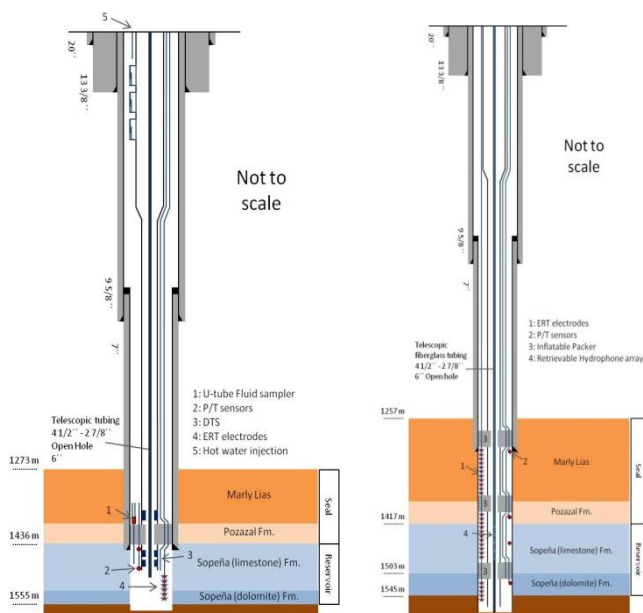
Hontomín Technology Development Plant

Location

Hontomín TDP, Ayuntamiento Merindad de Río Ubierna (Burgos, Spain)

GPS coordinates: 42.571667°

-3.637778°



Technical characteristics

Purpose:

Pilot Plant for technology development activities

Operator:

Fundación Ciudad de la Energía (CIUDEN)

Reservoir: On Shore deep saline aquifer

Facilities: Injection well (1570 m depth), observation well (1580 m depth), CO₂ injection, water conditioning, deep and surface monitoring, seismic/hydrogeological control networks and control room

Current activity: Early operational phase