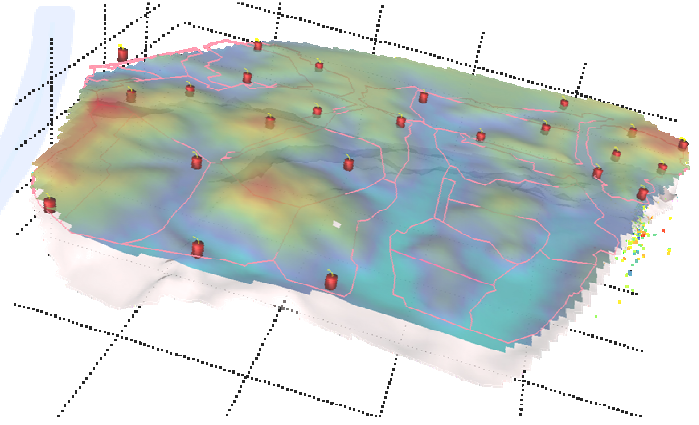


Underground Surveillance

Continuous microseismic activity in and around
Geological CO2 Storage - Underground Gas Storage - Solution mining

Passive Microseismic Surveillance for:

- Risk analysis & Management
- Sustainable development
- HSE commitment
- Regulation compliance
- Administrative reporting



Magnitude proposes to:

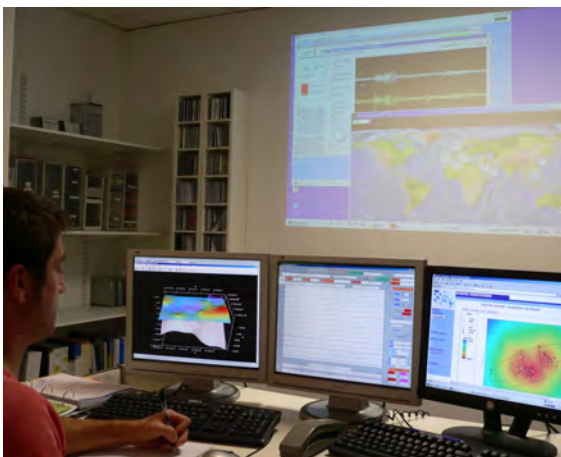
Manage - permanent surveillance network
- data flows

Analyse - induced activity along with site operations
- natural seismicity in relation with seismological network

Control - caprock integrity
- overburden stability

Report - early warning - in case of abnormal activity
- periodical report with surveillance status

Provide dedicated expertise when needed



20 years of expertise
inherited from
Mining & LPG storage

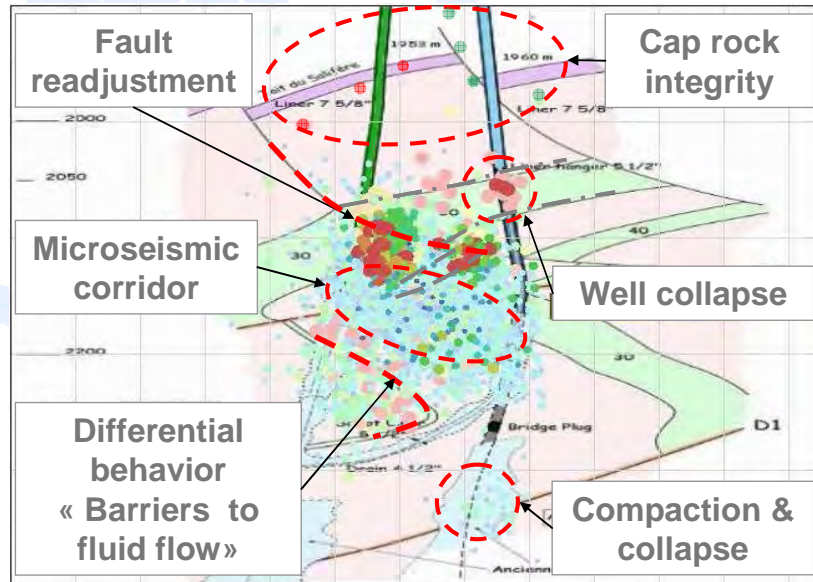


Underground Surveillance

Geological CO2 Storage - Underground Gas Storage - Solution mining

Microseismic surveillance - Why ?

- To highlight any behavioral change
- To detect microfractures development or existing fault reactivation
- To provide early warning of potential instability or caprock migration pathways



Microseismic surveillance - How ?

- Passive arrays of sensors
- On site processing
- Remote expertise & follow-up

