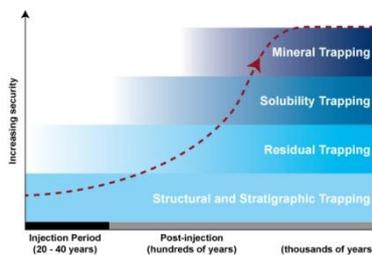


ULTimateCO₂ Newsletter: June 2014

ULTimateCO₂ is a four-year collaborative research project focusing on the **long-term** processes involved in the geological storage of CO₂ in order to increase confidence in the long-term efficiency and safety of CCS

Explained: ULTimateCO₂ in simple terms



What we're doing at a glance

CCS is a smart solution that can contribute to reducing our CO₂ emissions and therefore to tackling climate change and associated impacts (sea level rise, ocean acidification,...). **But how can we be sure that the CO₂ will not leak to the surface or harm the subsurface environment? ... not only just after injection, but also in the "long term", i.e. 1000s of years after site closure?**

[Read more...](#)

CO₂ injection at the Mont Terri Underground Rock Laboratory



An innovative experiment

to reconstruct a well environment including all the essential features (caprock/ cement/ casing/ cement compartments) in the [Mont Terri Underground Rock Laboratory](#), Switzerland, in order to control and follow closely the evolution when brought into contact with CO₂.

Injection of CO₂ began in early 2014, and the monitoring system is now ready for measurements. The results will serve to define scenarios of CO₂ leakage looking at the basin scale.

[Read more...](#)

Read the ULTimateCO₂ State-of-the-Art Report



[Read more...](#)

Read about the latest information on the uncertainty associated with long term CO₂ geological storage. The report contains the partners' pooled knowledge and provides a view of the current state-of-the-art for the issues addressed by this project:

- Long-term reservoir trapping efficiency
- Long-term sealing integrity of faulted and fractured caprock
- Near-well leakage characterization and chemical processes
- Long term behavior of stored CO₂ looking at the basin scale
- Uncertainty assessment

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www.ultimateco2.eu

