



# Research Projects

CHLOE is a scientific R&D platform based at the University of Pau (South-west of France) and legally housed within **ADERA** (a company specialized in the management of multi-partner research contracts for over 50 years). CHLOE collaborates with other laboratories at the University and is sponsored by a major Energies company, as part of the energy transition.

## The missions of CHLOE are:

- to develop relevant tools and workflow for pore scale simulations (PNM...) to derive absolute and relative permeabilities,
- to significantly improve the understanding of the geological storage of CO<sub>2</sub>, or new fuels (like H<sub>2</sub>), derive relevant models and methodologies, evaluate coupled reservoir-geomechanics simulators, and assess industrial projects,
- to develop models to be implemented in reservoir and gas storage simulators,
- to assess underground energy production techniques.