

MEGAS

1992 - 1998

Modelling and Experiment on GAS migration in repository host rocks



GOAL

Providing experimental data for the validation of gas migration models and in-situ research of the long term gas migration.

- 1992**
Installation of the experimental set-up
- 1993**
Hydraulic tests
- 1994**
First gas (Helium) injection test in borehole TD-20W
- 1997**
Second gas injection test in borehole TD-20W'
- 1998**
HTO injection in borehole TD-20W'

CENTRAL PIEZOMETER TUBE TD-20W (Ø 90mm) FOR FIRST GAS (HELIUM) INJECTION

TWO DETECTION PIEZOMETER TUBES TD-17W & TD-23W (Ø 60mm) FOR MEASUREMENTS IN HORIZONTAL DIRECTION

ONE DETECTION/INJECTION PIEZOMETER TUBE TD-20W' (Ø 60mm) FOR MEASUREMENTS IN VERTICAL DIRECTION DURING THE FIRST GAS INJECTION AND FOR INJECTION OF GAS DURING THE SECOND GAS INJECTION AND HTO INJECTION CAMPAIGN

