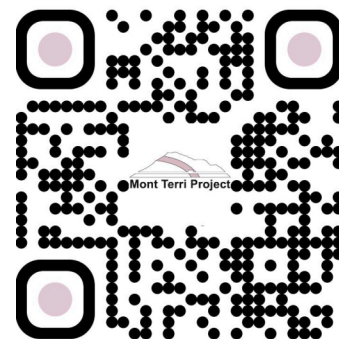


Mont Terri Project Underground Rock Laboratory

Report period: September 15–21, 2025

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: On September 10, the Steering Meeting SM-98 took place in Pau (France). The meeting was kindly hosted and perfectly organized by The Mont Terri Project partner TotalEnergies. At the Steering Meeting the 1st Draft Programme Proposal for Phase 31 (2026) was presented and discussed among the 22 project partners. The programme consists of 46 experiments of which 4 experiment proposals are new. The definitive programme will be ready in November and afterwards submitted to the Canton of Jura for authorization. The image shows the participants in Pau who were invited by TotalEnergies for a Poule au Pot (traditional French dish). (Photo by F. Bourgeois, TotalEnergies).

CD-A (Influence of Humidity on Cyclic and Long-Term Deformations) experiment

- On Wednesday, September 17, S. Schefer (swisstopo) restarted the psychrometric measurements on behalf of S. Tuñón (Amphos21).

CL (CO2LPIE-CO2 Long-Term Periodic Injection) experiment

- On Tuesday, September 16, J. Gisiger and B. Rúnasdóttir (Solexperts) performed pulse injection tests into intervals 1, 3 and 5 of borehole BCL-B11.

DR-C (Diffusion in a Thermal Gradient) experiment

- From Monday to Friday, September 15–19, J. Windisch and S. Schefer (swisstopo) inverted the flow from regular to inverse and back to increase the flow.

DR-E (Long-Term Diffusion Experiment in the Main Fault-Zone) experiment

- On Monday, September 15, S. Schefer and J. Windisch (swisstopo) connected the pumps from the two injection cabinets to the UPS.

FE-M (Long-Term Monitoring of the Full-Scale Emplacement Experiment) experiment

- On Tuesday, September 16, J. Gisiger and B. Rúnasdóttir (Solexperts) performed maintenance the FE-M DAS, checking the previously malfunctioning total pressure cells (**Figure 1**).

FS-B (Imaging the Long-Term Loss of Faulted Host Rock Integrity) experiment

- On Tuesday, September 16, C. Etter, I. Semenov and S. Schefer (swisstopo) measured the position and orientation of all the FS-B boreholes in Ga08 (**Figure 2**).
- On Tuesday, September 16, J. Gisiger and B. Rúnasdóttir (Solexperts) checked the metric on the fibre optic cables in boreholes BFS-B13-17 and also checked the status of the lost pressure sensor installed in BFS-B14.

GT (Gas Transport Models and the Behavior of OPA to Gas Pressure) experiment

- On Tuesday, September 16, B. Helmlinger (Solexperts France) demobilized the Luna fibre optic interrogator. The injection in BGT-10 (int. 2) was shut-in and the experiment set into hibernation mode.

HT (Hydrogen Transfer in Opalinus Clay) experiment

- On Wednesday, September 17, S. Schefer (swisstopo) started the laser for the Raman measurements on behalf of M. Lundy (Andra).

SW-A (Large-Scale Sandwich Seal in Opalinus Clay) experiment

- On Thursday, September 18, J. Windisch and S. Schefer (swisstopo) refilled the HPT of shaft 1.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Tue	16.9.2025	Kantonsschule Stadelhofen	27	H. Sager (Nagra)
Thu	18.9.2025	Lycée Cantonal De Porrentruy	13	J.-P. Meusy (freelance)
Fri	19.9.2025	Turnveteranengruppe Neuenkirch	18	H. Sager (Nagra)
Sat	20.9.2025	Young Mining Professionals Switzerland	14	M. Abdelouhabi (swisstopo)

Figures



Figure 1: FE-M: Performing maintenance on the sensors (S. Schefer, swisstopo).



Figure 2: FS-B: Preparing the positioning for the geodetic measurements on the FS-B boreholes (S. Schefer, swisstopo).