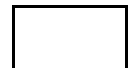


## SCCER-SoE Project List Geo-energy

Title of project	Source of funding	Research partners	Project duration	Associated task
Seismic characterization of heterogeneous sedimentary sequences and fractured rocks based on a poro-elastic approach	SNSF	UniL	6.2014 to 5.2016	T1.1
Continental sedimentary succession project	SNSF	UniGe	1.2013 to 12.2016	T1.1
Exploration and characterization of deep underground reservoirs	SNSF, NRP70	UniBe, UNIL, ETHZ-IfG, Swisstopo	11.2014 to 10.2017	T1.1
CAPROCK_ Experimental assessment of geomechanics of deep CO2 sequestration	OFEN	EPFL	12.2014 to 7.2017	T1.1
IMAGE: Integrated Methods for Advanced Geothermal Exploration	European Commission	TNO, ETHZ, AXPO, BKW; plus 15 partners	11.2013 to 10.2017	T1.1
Quantitative Petrography - Reservoir Rock Typing	DIP	DIP - Etat de Geneve	1.2013 to 1.2015	T1.1
Carbonate reservoir analogues	DIP	DIP - Etat de Geneve	1.2012 to 12.2016	T1.1
SIG Geothermic Greater Geneva Basin - Project 2	SIG - Geneva	UniGe	1.2014 to 12.2016	T1.1
Carboniferous Reservoirs	TOTAL SA	UniGe	1.2014 to 12.2016	T1.1
Deep reservoir potential Swiss plateau - part2	SwissTopo	UniGe	1.2014 to 12.2016	T1.1
Joint inversion for consistent and enhanced interpretation of complementary geophysical data	ETHZ	ETH-IfG	1.2015	T1.1
Hydro Mechanical Couplings in Enhanced Geothermal Reservoir	SNF	EPFL-LMER	7.2015	T1.1
Geothermal Laboratory	ETHZ	ETH-ifG	1.2015	T1.1
MAGGRAV Geotherma Exploration	OFEN	UniNE	3.2015	T1.1
Subsurface Stratigraphy of Western Switzerland in the Geothermal and CCS context	SIG	UniGE	10.2014	T1.1
Characterisation of clastic reservoirs: genesis and diagenetic processes	Addax	UniGE	10.2014	T1.1
Reservoir Charaterisation of Malm and Dogger Reserovirs	SIG	UniGE	5.2015	T1.1
COTHERM: COMbined hydrological, geochemical and geophysical modelling of theTHERMal systems	SNSF	ETHZ-IGP, PSI, Uni of Iceland, ISOR (Iceland Geosurvey)	9.2012 to 8.2015	T1.2



COTHERM 2: COmbined hydrological, geochemical and geophysical modelling of theTHERMal systems	SNSF Sinergia	ETHZ-IGP, PSI, Uni of Iceland, ISOR (Iceland Geosurvey)	9.2015 to 8.2016	T1.2
Modeling permeability and stimulation for deep heat mining	SNSF, NRP70	ETHZ-ERDW, USI, UniNe, CSCS	11.2014 to 10.2017	T1.2
Rock testing and borehole stability invest.for DGE	Daldrup & Söhne AG	HSR	2015	T1.2
Development and implementation of the next generation of Thermal-Hydraulic-Mechanical-Chemical (THMC) models	Canton de Neuchâtel, UNINE	UniNe	2014 to 2016	T1.2
Algorithms for hydro-mechanical simulators in 3D on the Graphics Processing Unit (GPU) architecture	Canton de Neuchâtel, UNINE	UniNe	2014 to 2016	T1.2
Analysis of time-dependent heat recovery potential from deep vertical boreholes	SGP	HSR	9.2014 to 4.2015	T1.2
Determination of constructive properties of rocks at high temperatures and corresp. High in situ stress fields down to 8km depth	CTI	HSR, SINTEF, Trondheim, Norway	2014 to 2015	T1.2
CO2 Sequestration	PETROSVIBRI SA	EPFL, GAZNAT SA and HOLDIGAZ SA	2012 to 2020	T1.2
Joint inversion for consistent and enhanced interpretation of complementary geophysical data	ETH	ETH IfG	9.2015 to 8.2018	T1.2
COTHERM 2	SNF Sinergia	ETHZ-IGP	7.2015	T1.2
Modelling	ETHZ	ETH-ifG	1.2015	T1.2
Quantifying and modeling a newborn hydrothermal system: The Lusi mud and volcano complex	SNF	UniNE	3.2015	T1.2
GEO THERM 2: Geothermal Reservoir Processes: Towards the implementation of research into the creation and sustainable use of Enhanced Geothermal Systems	ETH: CCES / CCEM and SFOE	ETHZ-SED, PSI-LEA, etc.	5.2013 to 4.2016	T1.2 (T4.1)
Underground Rock Laboratory for Deep Geothermal Energy	ETH Foundation - Shell	ETHZ	2014 to 2017	T1.3
DUG LAB I: 1) Estimation of heat transfer efficiency during circulation through measurement and modelling of conductive heat flux in the walls of flowing fractures (Evans and Saar). 2) Flow path characterisation using DNA-based smart tracers (Saar).	ETH-GEG	ETH IfG	2015 - not defined	T1.3

DUG LAB I: Crosshole tomography using a frequency domain electromagnetic sounding method is planned to recover the formation of fluid-filled fracture zones based on electrical conductivity variations.	ETH-GEG	ETH IfG	2015 - not defined	T1.3
Geothermal Laboratory Geothermal formation characterization and understanding of flow, heat, and reactive solute transport processes in it.	ETH-GEG	ETH IfG	2015 - not defined	T1.3
Modelling Development of efficient numerical methods and codes for geochemical modeling and reactive transport calculations with applications in geothermal energy and carbon sequestration in geological formations.	ETH-GEG	ETH IfG	2015 - not defined	T1.3
DUG LAB II	ETHZ	ETH-ifG	1.2015	T1.3
Bewertung der Kennzahlen und Nachhaltigkeit für eine tiefe Einloch-Geothermie Anlage	SFOE	ETHZ-IGP	6.2015	T1.3
Deep reservoir potential Swiss plateau - part1	SwissTopo	UniGe	1.2014 to 12.2016	T1.4
CS-A experiment: Well leakage simulation and remediation experiment at Underground Rock Laboratory Mont Terri	Chevron, swisstopo	Chevron, Los Alamos National Labs, Solexperts, swisstopo	2014 to 2017	T1.4
CS experiment: 1:1 scale wellbore experiment for assessing well integrity under different conditions in the context of CO2 geological storage, Underground Rock Laboratory Mont Terri	EC-funded project ULTimateCO2, swisstopo, Obayashi	BRGM, EIFER, TNO, Solexperts, swisstopo, Obayashi, IGG-CNR	2012 to 2015	T1.4