ENGINE Exploration tools



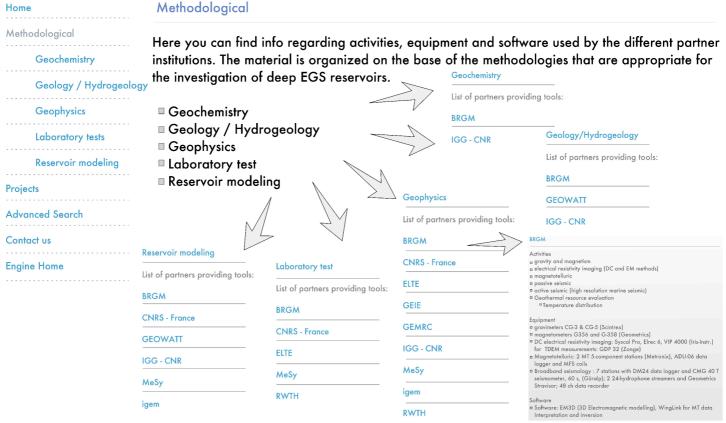
Adele Manzella, Eugenio Trumpy, Agnese Bianchi, Domenico Montanari 2

¹ Consiglio Nazionale delle ricerche - Istituto di Geoscienze e Georisorse, via G. Moruzzi 1, 56124, Pisa, Italy ² CEGL - Centro di Eccellenza per la Geotermia di Larderello, via Carducci 4, 56044, Larderello, (PI), Italy

Abstract

The exploration tools database is an attempt at collecting all the information about the exploration tools used by ENGINE partners for geothermal investigation and exploration. The database is organized on the base of the methodology used for exploration of deep EGS reservoirs, and lists the equipment, hardware and modeling software that ENGINE partners use. The database will be hosted on the IGG-CNR server and it will be linked in the ENGINE project website: this way it will be easily available to ENGINE partners and to the geothermal community. By mean of this tool it is also possible to take a look to the international geothermal exploration Projects that gave important occasion to ENGINE partner to work in the field of geothermal exploration. The database allows search by using keywords and institution names. With the help of the partners, the database will be regularly updated and enriched, and will be an on-line tool to define what services can be offered by ENGINE partners.

Below the framework of the site is presented:



Here the Projects section is highlighted with the IGG-CNR contribution as an example:

	Projects	IGG - CNR
Home		Isotopic Study of the geothermal field of N. Kessani in Xanthu county. Part of the general project
Methodological	BRGM	"Survey and exploitation of the geothermal field in N. Kessani-Xanthi" co-funded by EEC (VALOREN Program FEDER, Regulation 3301/86), 1991
		Update of the Italian geothermal resources inventory, Ministry of Industry, Commerce and (MICA) 1992.
Projects	ELTE	I 1972. Investigation of the deep structures of Tuscany geothermal fields for the utilization of energy resources with innovative methodologies and as contribution to the exploration of Apennine
Advanced Search	GEIE	seimogenetic activity. CNR Strategic Project, 1998-2000.
		Heat flow measurements and determination of thermal condition in southern Tuscany. Enel,
Contact us	GEMRC	various contracts spanning the period 1985-2000.
	GEOWATT	Application of magnetotelluric method to geothermal exploration in Larderello and Amiata geothermal fields. Enel, various contracts spanning the period 1992-1999.
Engine Home		 Geological and geochemical prospection in El Salvador geothermal areas. Enel, 2003-2005. Geochemical prospection in Chillan Area (Chile). Enel, 2005.
	IGG - CNR	Geodramical prospection in Children Area (Chile). Lifet, 2003.
		European Community Projects:
	MeSy	Atlas of Geothermal Resources, 3rd EU FP, Joule II Prog. A, JOU2-CT93-0298, 1994-1997
	igem	 Fluid behaviour in the upper crystalline crust: a multidisciplinary approach, Joule II, Non-nuclear energy, JOU2-CT93-0318, 1994-1995
		Low Enthalpy Geothermal Resources Utilization for the heating of the large research center of CNR, 4th
		EU FP, Thermie, GE00133/96, 1996-1999

Temporary URL

http://servergis.igg.cnr.it/engine

































