



United Nations Environment Programme

برنامج الأمم المتحدة للبيئة • 联合国环境规划署

PROGRAMME DES NATIONS UNIES POUR L'ENVIRONNEMENT • PROGRAMA DE LAS NACIONES UNIDAS PARA EL MEDIO AMBIENTE
ПРОГРАММА ОРГАНИЗАЦИИ ОБЪЕДИНЕННЫХ НАЦИЙ ПО ОКРУЖАЮЩЕЙ СРЕДЕ

Division of Technology, Industry and Economics - Division Technologie, Industrie et Economie - División de tecnología, industria y economía

Fourth Workshop on the Environment - Site Visit to the Larderello Geothermal Station



fumarole



Valle Secolo Plant

Geothermal energy has experienced a remarkable development in Italy during the last century, above all in the production of electrical energy. In Tuscany the level of electricity produced from geothermal fluids corresponds to 25% of the energy demand. With its more than 850 MW installed in the provinces of Pisa, Grosseto and Siena ENEL accounts for 10% of geothermal energy produced in the world today.

Our program is to visit one of the largest geothermal plants in the world, realized in 1991 in a boraciferous area that is rich in geothermal resources such as small geysers, lagoons and fumaroles. The Valle Secolo Plant, with its two 60 MW units, produces more than 900 GWh/year. It is also included a visit to an open well (situated by the plant) dug in 1956 that has a capacity of 15t/h of steam at a temperature of 180°, and a visit to the Geothermal Museum founded in the 1950s that has its headquarters in the Larderello Palace. The Mechanics Hall was opened to the public in 2002 and in the interior you will find equipment for the production of the different kinds of renewable energy. The site visit will allow for general discussion about environmental safeguards of good geothermal projects.

Hosted by



The Larderello
Museum

DETAILS OF THE PROGRAM

30TH SEPTEMBER

- 16,30 Transfer by bus from Rome to Pomarance
- 20,00 Logistical accommodation and dinner to the following hotels

<http://www.laburraia.com/>

<http://www.datatravel.it/Welcome/Toscana/Pisano/Pomarance/Alberghi/Pomarancino/index.uk.html>

1ST OCTOBER

- 09,15 Transfer by bus from the Hotels in Pomarance to the geothermal area of Larderello
- 09,30 Visit of the well 120 and the Valle Secolo Plant
- 11,00 Transfer by bus to Larderello village
- 11,15 Visit of the Museum
- 12,30 Lunch
- 14,00 Transfer by bus from Pomarance to Rome

The cost of the accommodation varies from about 40 euro for a single room, to about 80 euro for a double room. The room booking will be provided by SACE. Each bus can take 50 people so the cost of the transfers (lowest price 15 euro) depends on the number of participants to the site visit. **In order to that SACE make definite arrangements, please confirm your participation no later than September 15th.**