

Renewable energies | Geothermal energy

GEOTHERMAL ENERGY

OUR STRENGTHS

- **Skills and multidisciplinary expertise** making it possible to contribute to all the building blocks in the geothermal energy value chain:

- Geosciences,
- Thermodynamics,
- Geomechanics,
- Fluid mechanics,
- Physical chemistry,
- Microbiology,
- Process design and modeling,
- Applied mathematics, digital technologies,
- Economics.

- **Advanced numerical tools** for underground management developed for oils and gases and transferable to geothermal energy:

- Reservoir modeling, incorporating adapted thermodynamics, thermicity and fluid-rock interactions,
- Basin modeling, incorporating the estimation of thermal exchanges on a basin scale

- A **dual approach** combining:
- experimentation,
- simulation.

- **Proximity with industrial players** and a knowledge of market needs **based on listening to customers**.

- Applied research and a capacity to **address operational problems immediately**.

- **The integration of the Life Cycle Analysis (LCA)** dimension from the outset of projects.

CONTACT



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Geothermal Energy: Our strengths

Link to the web page :