



Geoscience for a sustainable Earth

brgm

***Expertise to support your geothermal projects
for heat and power production***

FOR A GREEN AND SUSTAINABLE ENERGY



CSEM MONITORING IN REYKJANES GEOTHERMAL FIELD, ICELAND ©BRGM

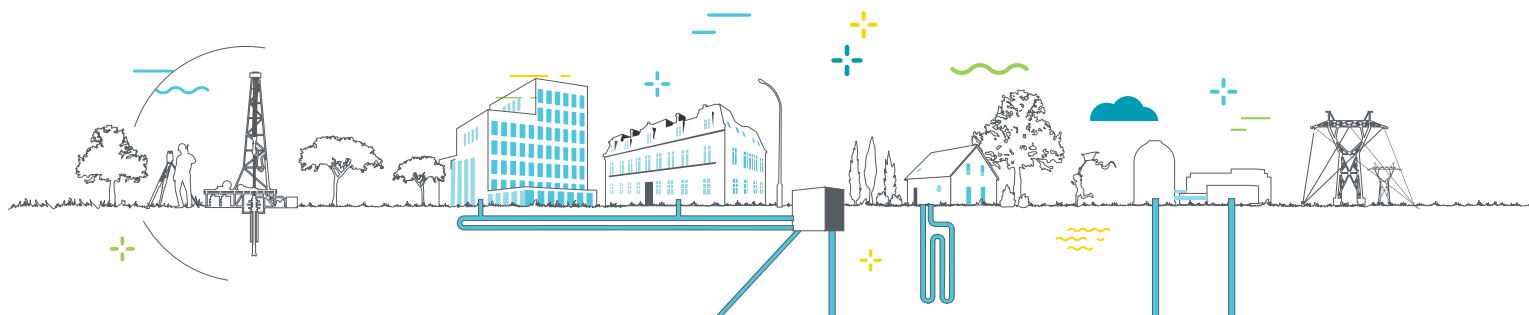
GEODEEP
FRENCH GEOTHERMAL CLUSTER FOR HEAT AND POWER



BRGM ACTIVE IN SOME 40 COUNTRIES



BOUILLANTE GEOTHERMAL POWER-PLANT ©BRGM





STAFF: OVER 40 PEOPLE



€4.5M TURNOVER



> 50 PROJECTS

PRESENTATION - WHO WE ARE?

EXPERTS, RESEARCHERS AND ENGINEERS

- Expert services to support and promote geothermal projects in all the French territories and worldwide
- Advanced analytical and experimental facilities
- Numerical simulations of coupled issues in geothermal
- Innovative geochemical & geophysical methods

TRAINING BODY

- Training for all geothermal energy players

- Formation of the next generation of geothermal engineers and researchers (courses in Universities, internship, PhD...)

WORLDWIDE INVOLVEMENT

- Reference organisation for geothermal energy since the 1970s, with several hundred of publications and involvement in numerous international geothermal projects (ENGINE, HITI, IMAGE, DEEPEGS, GEMEX, REFLECT, EUGELI, HEATSTORE...)
- Diverse and worldwide partnership and clients: French and foreign institutions and companies, multilateral funding agencies (European Union, World Bank)...

OUR KEY REFERENCES

- Our experimental platform at the Orléans site dedicated to test and improve closed loop ground heat exchangers
- More than 30 years of experience in the Paris Basin (over 100 operational wells making up the world's highest density of successful geothermal operations at low temperatures for direct heat uses)
- Numerous projects of geothermal exploration for electricity production from high temperature resources (in some 40 countries), and close involvement in explorations and development of the Bouillante geothermal field, in Guadeloupe
- Cutting-edge electricity/heat and lithium production at the Soultz-sous-Forêts site and in other EGS sites of the Upper Rhine Graben, in Alsace

OUR AMBITION AND GEOTHERMAL OBJECTIVES

- We are involved throughout the whole line in geothermal from resource mapping, potential assessment, reservoir exploration, development, management and monitoring
- We use multidisciplinary approach, combine advanced analytical, experimental and numerical methods
- We are involved in the tomorrow's innovative solutions: reshape the underground usages for energy transition, next-generation geothermal (Enhanced and Advanced Geothermal Systems, supercritical systems...) and innovative energy storage solutions (HT heat, H₂...)

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TO CONTACT US

BRGM
GEOTHERMAL ENERGY AND
ENERGY STORAGE DEPARTMENT

3, Avenue Claude Guillemin
BP 36009
45060 ORLEANS CEDEX 02 - FRANCE

GEOTHERMAL@BRGM.FR

www.brgm.eu
www.geothermies.fr
<https://plateforme-geothermie.brgm.fr>