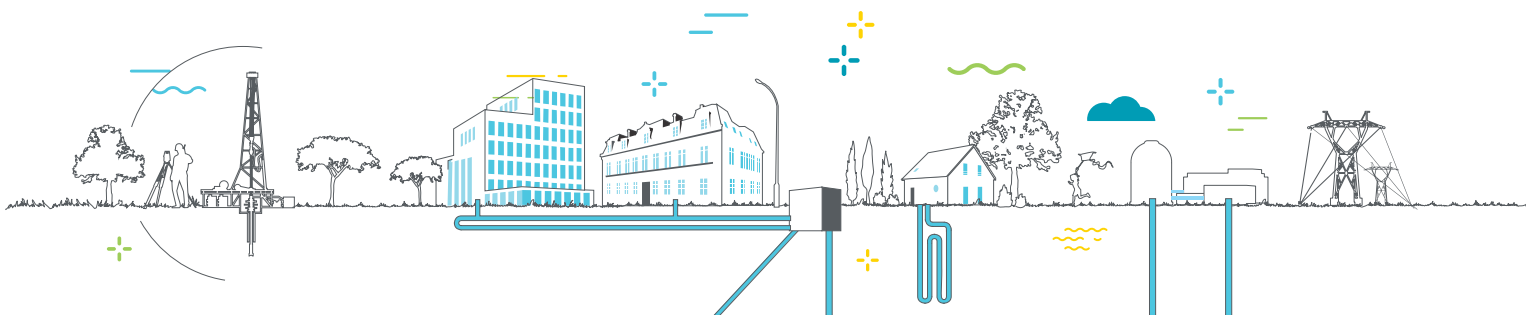


metal	Boiling point 1609 K (1336 °C, 2408 °F)
solid	Magnetic ordering paramagnetic
	Van der Waals radius
	Critical point 3200 K, 67 MPa
	Appearance silvery-white
	Electrical resistivity 90.7 mΩ·cm at 30 °C
	Natural occurrence primordial
	Molar heat capacity 24.86 J/(mol·K)
	Melting point 908.5 K (635.3 °C)
	Thermal expansion 46.5 μm/(m·K) at 298.15 K
	Electronegativity Pauling scale 0.98
	Standard atomic weight $A_r(\text{Li})$ 6.941 (6.939, 6.943)

GEODEEP
FRENCH GEOTHERMAL CLUSTER FOR HEAT AND POWER





20 EXPERTS



€700k REVENUES



3 PILOT PLANTS BUILT

PRESENTATION - WHO WE ARE

GEOLITH is a Direct Lithium Extraction (DLE) technology provider. Its Li-Capt® technology enables local and sustainable lithium production from any liquid source, including geothermal waters, oil produced waters and salar brines. Li-Capt® is highly selective of lithium and has recovery rates greater than 95%, with a modular, scalable technology. The technology has been proven at pilot scale thanks to three operating pilots in France, Chile and UK.

GeoLith is currently undergoing its industrialisation process, aiming for

full industrial performances, and manufacturing capabilities by the end of 2024. GeoLith provides a critical brick for green lithium production from geothermal sources, bringing a new sustainable revenue source to the asset owners.

Geolith operates worldwide, aiming to become a global leader of DLE technology.

After securing seed series financing in 2021, GEOLITH has recently launched a new fundraise to finance its industrialisation.

OUR RECENT OPERATIONS

- Our geothermal pilot plant was commissioned in 2021 with the target of proving the feasibility of lithium extraction from european geothermal waters. This pilot was specifically design to withstand geothermal operating conditions, such as high pressure and temperature. This pilot has successfully performed site tests in France, UK and Germany. It is available for rental.
- Thanks to the success of the geothermal pilot plant, GEOLITH signed its first pilot manufacturing contract for a private client (Cornish Lithium). This pilot plant has been commissioned in April 2022, with the objective of proving our clients project feasibility. This pilot has a maximum capacity of 10 tLCE/y
- Our salar pilot plant is installed in the facilities of the University of Antofagasta, in Chile, where it was inaugurated in July 2022.

OUR AMBITION AND GEOTHERMAL OBJECTIVE

GEOLITHs Direct Lithium Extraction technology can turn any geothermal asset into a sustainable lithium production facility, helping Europe achieve its energy transition targets, enabling the manufacturing of energy storage equipment for power facilities and green mobility.

GEOLITH aims to put geothermal energy at the heart of the energy transition, making it an essential brick for both green energy production and green battery manufacturing.

GEOLITH has performed tests in multiple geothermal assets and aims to become the leader of lithium production from geothermal sources, achieving industrial maturity by the end of 2024. GEOLITH expects to commission its first industrial lithium production facilities from geothermal waters in 2024.

TO CONTACT US

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