

Geothermal energy everywhere.

Unlocked by drilling with lightning.

Geothermal accounts for **under 1%** of the world's energy mix.*

Not because the heat is scarce. Because drilling has only been affordable where the geology cooperates. In hard rock, it slows down and the costs spiral.

6km +

Hard rock in economic reach

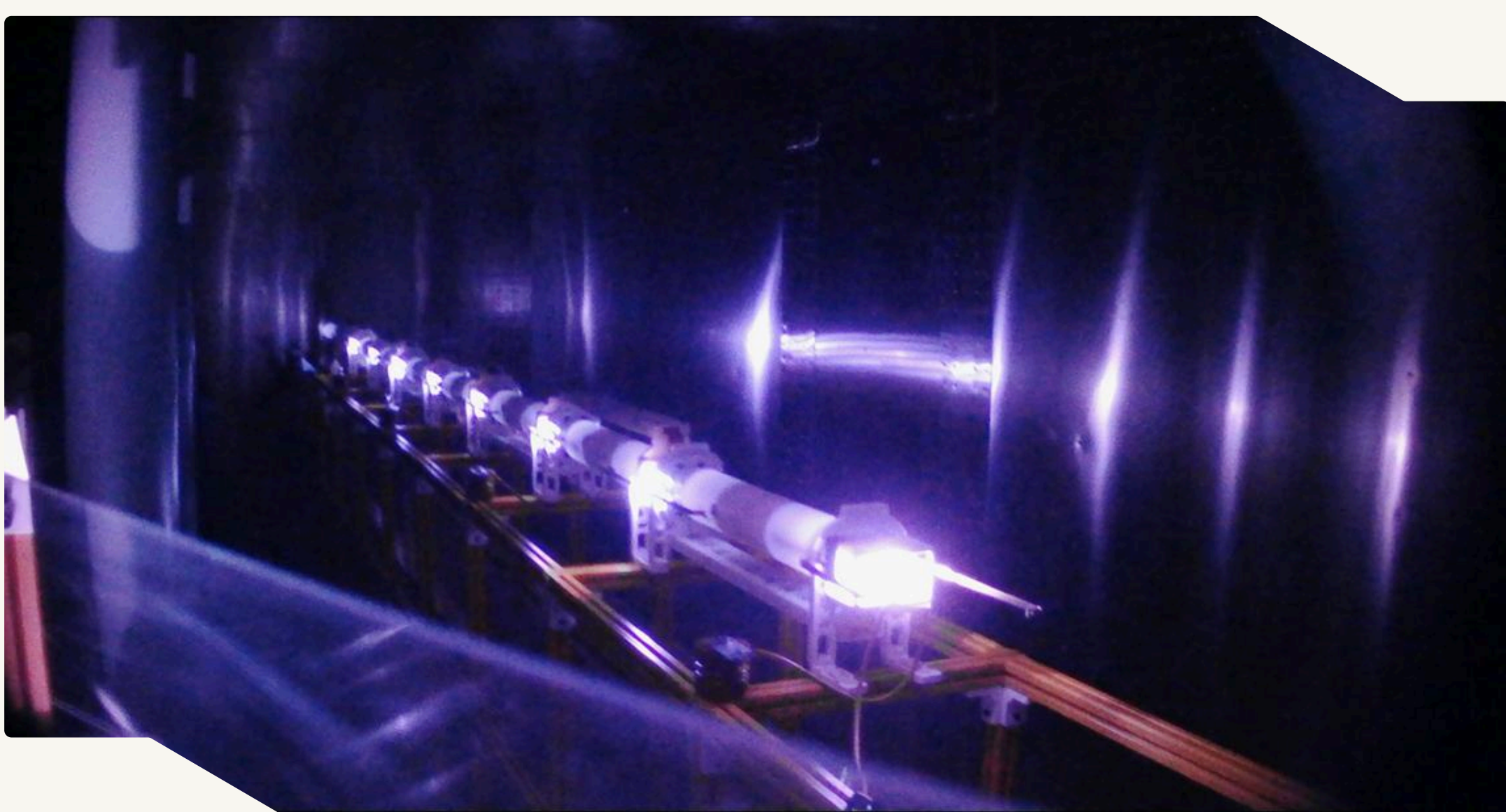
20x

more energy-efficient than conventional drilling

30 m/h

rate of penetration in hard rock against 5-7m/h with conventional drilling

*IEA Energy Report 2026.



Loaded pulse generator. © Telura

Breaking rock with lightning.

- A pulse generator builds up ultra-high voltage.
- At the tip of the drill bit, it discharges between two electrodes, like lightning.
- The plasma arc runs through the rock and breaks it from within.
- Nothing grinds against the formation, so the bit barely wears.
- The system runs on existing rigs and conventional mud systems.



Philipp Engelkamp
CEO & Co-Founder



Andrew Welling
CTO & Co-Founder

Who we are

Telura breaks rock with lightning to make deep geothermal energy viable anywhere. The Munich-based deep-tech company builds an electric impulse drilling system that uses high-voltage pulses to break rock from within, giving faster and cheaper access to the clean, always-on energy beneath our feet. Telura supplies the technology and develops its own geothermal projects, delivering heat and baseload electricity under long-term contracts.

Validation & Partners:



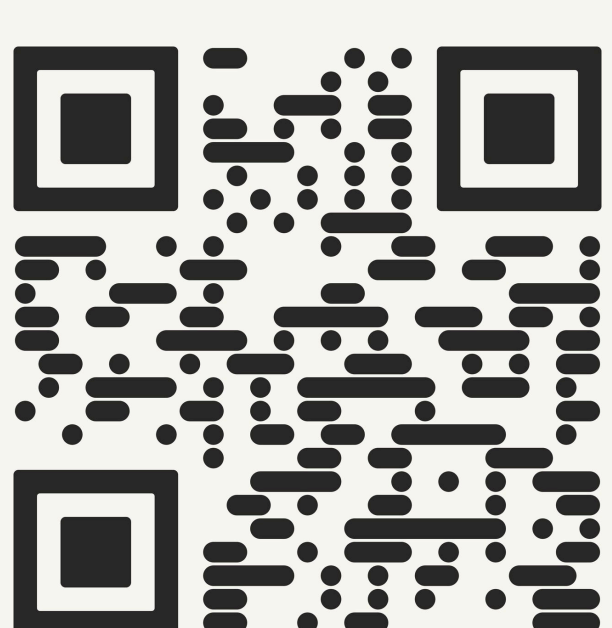
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Media kit



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