

## 45-8 ENERGY announces Ad Terra's entry into its capital as majority shareholder.

Advancing its strategic positioning in the transition through subsurface solutions.

Ad Terra becomes majority shareholder of 45-8 ENERGY, sealing a unique strategic alliance in the company's development, designed to strengthen regional sovereignty and secure access to critical subsurface resources, including helium, natural hydrogen, lithium and geothermal energy. By combining their geoscience, human, operational, and technological expertise, the two companies are strengthening **a diversified portfolio of global scale, paving the way for an integrated platform for the energy transition through subsurface resources.**

This transaction comes at a time of **geopolitical tensions, fragile supply chains, and growing decarbonization requirements**, where the search for regional sovereignty and the securing strategic resources are becoming major issues. With Ad Terra's entry into its capital, 45-8 ENERGY, a French company specializing in the exploration and production of industrial gases, intends to strengthen its position.

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*We welcome Ad Terra's majority entry into our capital. The synergies between our expertise and strategies are already delivering concrete results in support of our shared ambition: to highlight the strategic role of subsurface resources in energy transition. Still too often overlooked, this lever is nevertheless a major asset in strengthening our resilience, in the face of successive geopolitical crises and in gaining greater independence while respecting today's environmental and climate challenges. In this context, we are particularly enthusiastic about taking this new step with Ad Terra to address this decisive challenge together.*

**Nicolas PELISSIER - Chairman, 45-8 ENERGY**

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### Concrete synergies for a global ambition

The two companies are strengthening their assets, capabilities, and resources around three key pillars.

#### ■ Geosciences: a diversified and jointly developed portfolio

Combining the geoscience expertise and datasets of both companies is a major driver of value creation. Together, Ad Terra and 45-8 ENERGY are building a portfolio that is:

- **Diversified:** helium, natural hydrogen, lithium, geothermal energy, CO<sub>2</sub>, and other strategic subsurface resources.
- **Jointly developed:** maximizing the value of all resources present within a single project.

- **Geographically extended:** with a presence on four continents – Europe, the Americas, Africa, and Asia.
- **Strengthened:** through full sharing of geoscience databases to accelerate development and secure new projects.

### ■ Human Resources: an expert, multidisciplinary and international team

With nearly **100 employees** based in France, Switzerland, the United States, Canada and Malaysia, the two companies now bring together:

- **Integrated skills covering the entire value chain**, from exploration to production, including surface engineering, environment, and business development.
- **Extensive experience** in geoscience, engineering, project management and execution, as well as R&D.
- **A unique diversity of profiles, cultures, and expertise**, fostering creativity, agility, and informed decision-making.
- **A shared culture of eco-commitment, technical excellence, and responsibility**, essential to the development of sustainable, low-carbon solutions.

### ■ Operational & Technological: enhanced innovation capacity

By pooling their technical resources, infrastructure, and financial capacities, Ad Terra and 45-8 ENERGY now benefit from reinforced operational strength. This transaction enables:

- **Accelerating exploration and bringing projects into production**, thanks to expanded technical teams and increased operational capabilities.
- **Strengthening investment capacity**, ensuring the consolidation of ongoing projects and the ability to launch new ones within an accelerated development dynamic.
- **Sharing of cutting-edge technologies**, particularly in sustainable resource management, carbon footprint reduction, advanced subsurface modelling, and monitoring.
- **Deploying artificial intelligence** to support geoscience, data analysis, and operational optimization.

Together, these assets form a fully integrated technological platform designed to **accelerate innovation and improve the timeline** between exploration, development, and valorization phases.

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*This marks a major milestone for 45-8 ENERGY. By joining forces, we are significantly scaling up our capabilities, broadening our field of exploration, and expanding the range of resources we can responsibly target. The future of our industry lies in diversified exploration, beyond a single-commodity approach.*

*Local subsurface resources have a critical role to play in the energy transition, and unlocking their full potential requires a prominent level of technical expertise and a wide range of complementary skills. This integration brings exactly that strength. I would like to warmly thank Ad Terra for its trust. We look forward to moving ahead together and writing the next chapter of our development.*

**Benoît HAUVILLE – Chief Executive, 45-8 ENERGY**

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Thanks to these strengthened synergies and Ad Terra's entry into the capital, 45-8 ENERGY now benefits from a solid foundation to accelerate its development. This milestone marks a new phase of development for 45-8 ENERGY within an international group dedicated to the energy transition.

### **A new momentum for 45-8 ENERGY's projects**

Ad Terra's entry as majority shareholder marks a major turning point for 45-8 ENERGY. With strengthened financial and operational capacities, the company is now accelerating:

- **The deployment of its first industrial helium production and recycling projects.**
- **Its natural hydrogen exploration activities.**
- **The development of new pathways** adapted to diverse geological contexts.

This contribution marks a major turning point for 45-8 ENERGY, which can now speed up its timeline, expand its impact, and bring to fruition the investments made since 2017.

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### **About 45-8 ENERGY**

45-8 ENERGY is a pioneering European player in the **short-loop valorization of strategic industrial gases**, such as helium and natural hydrogen. Its ambition: **to produce these rare and critical resources as close as possible to consumption areas**, to reduce long distance imports and minimize the carbon footprint of the supply chain.

Active in the **helium** sector, 45-8 ENERGY covers **the entire value chain**: exploration, production, distribution, and recycling. With RECYCL'He, the first helium recovery and recycling service in Western Europe, the company secures an additional supply source for a sustainable and circular helium industry.

In **natural hydrogen**, 45 8 ENERGY holds a central position in **the understanding and future valorization of this low carbon resource**, by combining geoscience expertise with operational innovation.

Present in **France, Germany, the Balkans and the United States**, 45-8 ENERGY holds multiple exploration licenses. Since 2024, it has launched **the first helium production in France and Western Europe** (Nièvre), marking a major milestone for the continent. Further production projects are underway, particularly in Germany, to strengthen local sovereignty over strategic resources.

#### **Press contact**

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