

EAPOSYS selects Halliburton to accelerate the deployment of Advanced Geothermal Systems

Biel/Bienne, Switzerland – October 10th, 2025, EAPOSYS signed an agreement with Halliburton (NYSE: HAL) to conduct a subsurface feasibility study to help accelerate the deployment of EAPOSYS Advanced Geothermal Systems (AGS). This study will contribute to the industrialization of EAPOSYS engineering and well design, followed by site-related geothermal and stratigraphic considerations to minimize drilling risk, and advance the EAPOSYS scalable well design.

“EAPOSYS SA, a start-up based in Biel/Bienne, has developed an innovative, patented, closed-loop architecture to deploy AGS anywhere in the world,” said Naomi Vouillamoz, CEO and co-founder of EAPOSYS. “AGS offers essential qualities for an affordable and sustainable energy future with unique advantages.”

These advantages include:

- **Predictability:** EAPOSYS can control energy output with high accuracy and utilizes assets and technologies from the oil and gas industry.
- **Durability:** EAPOSYS architecture allows for energy generation over a long period of time.
- **Efficiency:** Each installation is customized to meet local requirements, operates without power loss for pumping thanks to the thermosiphon effect, and requires minimal land footprint.
- **Environmental Impact:** Closed loops reduce water needs and treatments without fluid exchange or stimulation.

The initial applications for EAPOSYS AGS will be district heating for communities and municipalities, industrial heat for sectors such as greenhouses, food and beverage, and manufacturing. It will also support cascade applications that co-generate electricity and heat using Organic Rankine Cycle systems.

EAPOSYS deploys its solutions through national or regional consortia: EAPOLABs. Since the launch of the EAPOLAB initiative in 2023, EAPOSYS engaged in active discussions with industry partners, energy companies, and public authorities in several geographies for upcoming operations. The first EAPOLAB platform, SwissDGS, was established in Zurich, Switzerland, at the end of 2024, with two leading Swiss engineering firms: Basler & Hofmann and Amberg Group.

“Energy is at the core of every human society: guarantee of supply, sustainability, affordability, and energy as a common good is an essential ethical attribute which EAPOSYS AGS strives to contribute to,” said Vouillamoz.



Additional information

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About EAPOSYS SA

EAPOSYS SA, a company founded in 2017 in Biel/Bienne, Switzerland, is developing novel deep geothermal solutions based on closed-loop advanced geothermal. The company has filed several patents in the field of advanced geothermal systems. EAPOSYS EAPOLAB initiative assembles national or regional consortia (typically in the form of joint-ventures) to deploy EAPOSYS AGS in a specific geography. SwissDGS is the first EAPOLAB platform, based in Zürich, Switzerland. EAPOSYS has established, in Q4-2024, EAPOSYS Canada, in Calgary, Alberta.

Further information is available at www.eaposys.com and www.swissdgs.ch

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