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Halliburton Labs Welcomes Five New Companies to Accelerate the Future of Energy

HOUSTON – **December 18, 2024** – Halliburton Labs added five innovative companies to its collaborative ecosystem. The new cohort features 360 Energy, Cella, Espiku, Mitico, and NuCube. The companies will enter a vibrant environment to help advance their commercialization with support from Halliburton's practitioners and business network.

“We welcome these innovative energy startups,” said Dale Winger, managing director of Halliburton Labs. “We are eager to help these participant companies use their time and capital efficiently to progress new solutions that meet industry requirements for cost, reliability, and sustainability.”

360 Energy brings a new market for natural gas to the oil field. With its innovative In-Field Computing technology, 360 Energy captures flared or stranded gas and monetizes it through modular data centers. This provides a valuable solution for resource owners. "Upstream producers are eager for a real alternative to flaring," said Chris Alfano, founder and CEO of 360 Energy. "Our In-Field Computing technology reduces flaring and unlocks new revenue from natural gas. We are thrilled to join forces with Halliburton Labs to accelerate the reach of this much-needed solution and bring impactful change across the oil field."

Cella advances subsurface mineralization of carbon dioxide. The company’s end-to-end services, from resource assessment to proprietary injection technology, and monitoring techniques, provide valuable geologic carbon storage solutions. Cella aims to build its first field-scale pilot to demonstrate its novel approach to mineralization. Cella’s notable team uses industry-leading scientific and operational experience supported by advisors that pioneered the field of carbon mineralization in basalt. Co-founder and Chief Technology Officer Dr. Claire Nelson said, "Collaboration with Halliburton Labs enables us to leverage world-class experience and resources to scale our technology and bring our services to market. We're excited to demonstrate how our innovations can be easily integrated with existing, state-of-the-art subsurface technologies to enable rapid advancements in the field of geologic carbon storage."

Espiku develops solutions that advance water and valuable minerals recovery from brines and industrial produced water streams. With the use of low-pressure thermal cycles and a modular design, Espiku’s systems allow for rapid deployment in diverse environments that unlock the vast potential of domestic resources to support energy and material supply chains. "Espiku's innovations provide a critical pathway to a clean energy future to solve urgent water management issues for our customers,” said Tyler Manley, director of business development at Espiku. “We are excited to announce a strategic collaboration with Halliburton Labs that will expand our access to customer insights and operational expertise and accelerate our progress toward deployment at scale.”

Mitico offers innovative technology and services to capture carbon dioxide (CO2). Their patent-pending granulated metal carbonate sorption technology (GMC), originally developed and validated at Caltech, captures more than 95% of the CO2 emitted from post-combustion point sources (flue gases). This includes gas-fired power plants and boilers, as well as waste-to-energy and biomass-to-energy facilities. “Mitico can enable carbon capture, utilization, and storage (CCUS) as a service at a low cost,”

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said Clement Cid, co-founder and CEO of Mitico. “I am excited to collaborate with Halliburton Labs to accelerate scale up of supply chain and operational deployments of our innovative technology.”

NuCube Energy has a nuclear fission reactor under development. It will produce electricity and high-temperature heat for electrical and industrial markets. The modular microreactor enhances safety and lowers construction and operational costs. NuCube targets heat production at temperatures up to 1,100°C for industrial applications to offer cost-competitive electricity in remote areas. “At NuCube, our mission is to help our customers solve a major problem – how to use nuclear energy to economically meet decarbonization goals,” said Cristian Rabiti, co-founder and CEO of NuCube Energy. “The modular microreactor provides a novel solution to this complex problem. We’re excited to work with Halliburton Labs to utilize its supply chain and remote operations along with the modularization of our reactor’s design to accelerate deployment.”

Join us in Denver for our next Finalists Pitch Day

Halliburton Labs invites energy and decarbonization industry innovators, startups, and investors to participate in the Finalists Pitch Day in Denver on Wednesday, March 26, 2025.

The pitch day event will precede registration and the opening reception of the 30th annual National Renewable Energy Laboratory (NREL) Industry Growth Forum.

Finalists Pitch Day will include pitches from selected startups with the focus on the **Future of Energy, Faster™**. Register here to be part of the experience and contribute to the future of sustainable energy.

About Halliburton Labs

Halliburton Labs is a collaborative environment where entrepreneurs, academics, investors, and experienced practitioners advance the future of energy faster. Halliburton Labs provides access to world-class facilities, a global business network, commercialization expertise, and financing opportunities to help participants scale their business. Visit the company's website at Halliburton Labs. Connect with Halliburton Labs on LinkedIn and Instagram. Halliburton Labs is a wholly owned subsidiary of Halliburton Company (NYSE: HAL).

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