



News Release

Beam Earth expands beyond clean oil to tap into white hydrogen's energy transition potential

Through its main business lines, Beam Earth is working towards reshaping the oil and gas industry by capitalizing on its pioneering clean oil track record to become a trail-blazer in the H₂ production ecosystem and offering institutional investors structures that are aligned with their impact investing requirements.

Houston, 13 September 2021. Beam Earth, a global business with operations in West Texas, Houston and London has been launched as a clean technology-centric ecosystem that will develop, structure, and provide funding for environmentally-aligned businesses and services across the investment themes of clean energy, sustainability, and financial innovation.

Through its main business lines, Beam Earth is working towards reshaping the oil and gas industry with a particular focus on becoming a trail-blazer in the H₂ production ecosystem, driven by a commitment to the improvement of eco responsibility, best practices and the reduction of carbon footprints.

"We are very excited to present our umbrella company, Beam Earth, which harbors our commitment and passion for making ESG a reality through capital markets innovation and disruptive technologies, translated into our different avant-garde business lines" said Stéphane Lamoine, Chief Executive Officer at Beam Earth in Houston.

Beam Earth and its shareholders will continue to acquire, co-invest and operate environmentally progressive companies, as well as transition technologies and innovative financial solutions to deliver enhanced returns and minimum environmental impact.

Acknowledging the urgency for climate action, further highlighted by the Intergovernmental Panel on Climate Change's (IPCC) recent Working Group I report *Climate Change 2021: the Physical*

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Science Basis, Beam Earth's management team and industry experts have been working tirelessly to streamline the group's activities leverage the extensive experience across investment, pension funds, energy and natural resources.

"Leveraging **Technology Enhanced Oil's** (TEO) field experience of clean oil and gas production that has demonstrably increased production, profitability and capital value, we are investigating new business opportunities from the extraction of natural hydrogen from the ground to transforming uneconomic or nonproducing oil wells into sources of clean hydrogen, said Pierre Levin, Chief Technology Officer at Beam Earth.

"**Technology Enhanced Transition (TET)** will allow us to offer investors access to a combination of clean oil and natural hydrogen and for those that simply want to be part of the hydrogen rush, we plan to offer **Technology Enhanced Hydrogen** (TEH), said Michael Hart, Beam Earth Board Advisor, adding, "Institutional impact investors can now participate in the energy transition and access the different clean energy revenue streams through convertible bonds and partnerships".

"We are more than technology experts or financiers. We are business innovators that harness both technology and finance to take a hands-on entrepreneurial approach to create and manage innovative, strategic and economic ESG initiatives," said Marc Samuel, Chairman of the Board.

"Through the creation of **SLU Marketplace***, for example, institutional impact investors can take direct interests in Permian drilling locations accessing a hattrick of real asset ownership, ESG requirements and value discovery," Marc Samuel added.

Beam Earth has offices in West Texas, Houston and London.

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See website for further information on Beam Earth and all its business lines
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Beam Earth

Previously operating as Iskandia Energy, Beam Earth was founded in 2015 by Stéphane Lamoine, Pierre Levin and Marc Samuel to launch [Technology Enhanced Oil](#) (TEO) that raised U.S.\$120 million in capital. TEO's disruptive technology is designed to promoting high ESG standards in the oil and gas fields and was rated in 2020 by MJ Hudson as clean oil, in a category comparable to renewables. Beam Earth owns 53% of TEO.

Through TEO, Beam Earth has shown the efficacy of disruptive green technologies to stimulate the production of Texan vertical wells while preventing flaring, venting and any use of fresh water and polluting chemicals. Due to the high quality of oil produced, of which more than 50% is not sold as fossil fuel, TEO's clean oil both helps the environment and generates returns.

Today, TEO's scalable process is not only being extended to other oil wells but through Beam Earth's new hydrogen operating arm **Hethos**, the team is expanding the process to tap into white/natural hydrogen fields and enabling institutional investors to access the hydrogen revolution through TEO's successor, [Technology Enhanced Transition](#) (TET).

Hethos will focus on adapting the clean technology advanced oil and gas technologies to face the challenges raised by hydrogen production. Natural H₂ extraction and production is a brand-new industry and will play a pivotal role in decarbonization and the transition to a cleaner future. Go to the website to find out more about white hydrogen www.beam.earth/white-hydrogen.

TET which looking to raise U.S.\$500 million, is currently evaluating two emerging businesses: the production of natural/white hydrogen and hydrocarbon reforming. [Technology Enhanced Hydrogen](#) (TEH) is being created for institutional investors that only want to focus on hydrogen investments.



For investors that want to take direct interests in Permian drilling locations, known as Super Location Entities, which will be developed by world class operators, Beam Earth has launched [**SLU[®] Marketplace**](#), which enables the largest independent exploration and production companies to issue to transact standardized SLU Units of oil and gas production and issue SLU Notes to fund the operations with tight governance and ESG objective like reducing drastically fugitive emissions.

The trading of this Standardized and Rated Permian Land will enable price discovery; make ESG performance easier to compare; and create a marketplace for a new asset class of 'Oil in the Rock' that also has the potential to unlock value in undeveloped Permian acreage.

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