

Propeller CO₂ and Gölu Hydrogen jointly launch “Green H₂-as-a-Service” to accelerate the Green H₂ Transition for Infrastructure Clients Globally.

Gölu Hydrogen Technologies Inc., (“Gölu-HT”), the developer of Gölu H₂, the proprietary technology that converts renewable low carbon ethanol to green hydrogen fuel through a modular Gölu H₂ generator has partnered with Propeller Co2 (“P.Co2”), an Energy-as-a-Service Platform for Green-H₂ Technologies to jointly offer customized ‘Green-H₂-as-a-Service’ solutions to global infrastructure clients seeking to transition to Green-H₂ to either power their operations or be a supplier of Green-H₂ in the market.

The jointly developed “Green-H₂-as-a-Service” solutions will accelerate the production of Green-H₂ Fuel globally from ethanol across key infrastructure verticals. The decentralized production of Green-H₂ Fuel from Gölu H₂ Generators can now be executed through a turn-key solution, with a simplified subscription model, removing the barrier of up-front capital costs and insured for a range of Green-H₂ technology risks including performance, maintenance, and Green-H₂ Fuel Output.

The “Green-H₂-as-a-Service” solutions will also enable the bundling of complementary green technologies including carbon capture, H₂-fuel cells, H₂-storage, and compression systems.



P.CO2 & Golu-HT will also enable the offering of a Green-Electricity-as-a-Service Solution through a partnership with a leading developer of Fuel Cells which provides clients a compelling offering to produce both green hydrogen and green electricity on-site.

The portfolio of Green-H₂ technology systems that can be constructed through the “Green-H₂-as-a-Service” offering can include but are not limited to transport fueling station networks deploying the Gölu H₂ fueling generators on-site at scale, to oil and gas companies switching from fossil hydrogen to green hydrogen with the integration of Gölu H₂, and utilities generating green combined heat and power (CHP) from the combination of Gölu H₂ green hydrogen generators and a hydrogen fuel cell or microturbine power generators where applicable.

Green Hydrogen now benefits from the up-to \$3/kg hydrogen production credit in the U.S. and, also benefits from the UK national subsidy for clean hydrogen — making the economics even more attractive for green hydrogen producers.



Gölu Hydrogen Generator: Game Changing Technology

Gölu H₂ is a disruptive renewable hydrogen production technology from ethanol which solves many hurdles to widespread hydrogen adoption, providing the lowest cost renewable hydrogen, safe distribution by utilizing existing infrastructure, while removing CO₂.

Gölu- H₂ also enables the production of clean electricity with minimized storage requirements and minimized downtime. The Gölu- H₂ Units provides maximized asset utilization through continuous revenue generation via hydrogen, power, and carbon credit sales.

The Gölu- H₂ Generator produces 1250kg/day of green hydrogen.



H₂ Green-H₂ as-a-Service Packages

Green-Hydrogen-as-a-Service Packages

1. Gölu-H₂ Comes Funded Maintained & Insured

Gölu-H₂ comes Funded, Maintained and Insured at Zero-Cost Up-Front for the Client. Client Owns and Operates Gölu-H₂, Retains all H₂ Revenue including Credits* and pays a Fixed Monthly Green H₂ Fuel-as-a-Service Fee for a Set Term, which may be recovered by a range of associated Green H₂ Credits, Carbon Credits, and Subsidies generated by the Project.

2. Gölu-H₂ Delivers Green Hydrogen Fuel On-Site

Gölu-H₂ comes Funded, Owned and Operated by P.CO2 and Delivers Green H₂ Fuel On-Site to Power Client Operations or to be Sold into the Market. Client pays Zero-Up Front and Enters into a Green H₂ Fuel Purchase Agreement.

“We are proud to work with Propeller Co2, whose innovative Energy-as-a-Service Platform for Green H₂ Technologies fits perfectly with our proprietary Gölu-H₂ fuels technology and through the joint partnership we can accelerate the deployment up of Gölu-H₂ Units and enable energy, transport, industrial and utilities sectors to meet their GHG reduction commitments through decentralized production of Green-H₂ fuel on-site through a turn-key solution”

“ Dr. Inder Pal Singh,
Founding President & CEO, Golu Hydrogen Technologies

“I am excited to announce a partnership between Propeller Co2 & Gölu-HT for the development of “Green-H₂-as-a-Service” solutions around their innovative Gölu- H₂ green-hydrogen fuel generator for energy, transport, industrial and utility infrastructure clients. This partnership will enable the early adoption of the Gölu- H₂ units through removing financing hurdles and technology risks for global infrastructure clients and as a result accelerate the transition to green hydrogen.”

“ Adil Kabani
Propeller Co2 Founder

About Gölu Hydrogen Technologies

Golu-HT, a Canadian Corporation is a member of SBI group of companies. Golu is the developer of a game changing proprietary green hydrogen technology, Gölu-H₂ that extracts hydrogen from a globally available renewable resource ethanol and water thermo-catalytically. SBI group for over two decades has been involved in development and commercialization of novel. proprietary renewable energy technologies and successfully help mitigate carbon footprints of the energy and industrial sectors.

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About Propeller CO2

Propeller Co2, LLC is an Energy-as-a-Service Platform for Green H₂ Technologies, whose mission is to fund the green hydrogen technology transition for global infrastructure customers. Propeller Co2 partners with best-in-class green hydrogen technology developers to jointly develop and fund, own, and operate branded “Green H₂ -as-a-Service” solutions for their infrastructure customers.

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