

SeeO2"s platform technology provides 4 major solutions (1 stone for 4 birds) CO2 to fuels and chemicals -> a strategy for CO2 mitigation; Power to fuels -> means of energy storage especially for renewable energies (wind and solar) Fuels (CO, syngas, CH4) to power and heat-> off-grid customers, stabilize grid, energy efficiency

SeeO2 Energy technology is designed to convert GHG emissions on-site, before they are emitted into the atmosphere, into high valuable fuels and chemicals that are needed by the downstream producers.

SeeO2 Energy creates symmetrical electrolysis cells based on proprietary electrocatalysts. Their transformative technology captures carbon emissions and economically converts CO2 into valuable chemical building blocks like CO, ...

However, the novel and stable electrocatalyst developed by SeeO2, can be used in both the oxygen-rich environment of the oxygen electrode anode, producing oxygen, and at the CO 2 / steam environment of the cathode, producing H 2 ...

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Paul Addo, co-founder of SeeO2 Energy, is developing a patented technology that converts GHG emissions at industrial facilities to fuels. The company's technology transforms carbon dioxide - a greenhouse gas - into useful industrial gases like carbon monoxide and syngas, which is used in plastic, chemical and metal processing.

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With the help of Innovate Calgary, the postdocs transferred the IP from the university to begin their start-up, SeeO2 Energy. The company's product is a high-temperature electrolyzer that uses CO2 from waste streams, and converts it into carbon monoxide, hydrogen, syngas and pure oxygen, all of which can be used downstream or sold for profit.



Bermuda seeo2 energy

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With our innovative and proven solutions, we are addressing a key challenge of today's energy system: Providing renewable hydrogen and Syngas as substitutes for fossil energy sources. Our electrolyzers - based on alkaline and solid oxide (SOEC) technologies - enable the transformation of energy-intensive sectors such as the chemical, fuel ...

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