

Newsletter November 2024

Cutting CO₂ and Smoke at Zero Cost



Algae in the world's oceans play a crucial role in absorbing CO₂ and producing half of the oxygen we breathe. Profitable algae bio-farms are now harnessing this natural process, converting millions of tons of CO₂ from industrial emissions into sustainable aviation fuel or clean electricity.

These bio-farms can be established on arid land, and their effectiveness has already been proven at an industrial scale. They are currently being deployed across four continents for clean power generation.

With the urgent need to reduce global CO₂ emissions, raising awareness of this proven technology is paramount so it can be scaled up quickly enough to meet the target of halving global CO₂ emissions by 2030.

At INNOVO, we are prepared to finance, build, and operate these bio-farms in direct collaboration with the world's largest CO₂ emitters, in sectors like:

- chemical
- steel
- cement
- power
- oil & gas

Each bio-farm can capture 1.1 million tons of CO₂ annually. With each ton of CO₂ from industrial emissions generating over \$228 in net profit.



INNOVO can fund these bio-farms without any cost to our industrial partners and is seeking partnerships in each major emission sector to build bio-farms to capture and process their CO₂ emissions.

To learn more: https://innovo-net-zero.com

Waste2Value Conversion for Municipalities at No Cost

INNOVO is pioneering a groundbreaking technology, the Waste2Value Conversion, which is transforming waste management globally. This innovative solution can process virtually all types of waste—ranging from landfill, medical, and effluents - converting them into clean electricity and pure, usable products, all while maintaining zero emissions.

Also known as pyrolysis, Waste2Value Conversion involves heating waste to extremely high temperatures in an oxygen-free environment, preventing combustion. This process breaks down the molecular bonds of the waste, resulting in clean electricity, hydrogen, biofuel, pure water, and high-quality carbon in the form of graphite or graphene, which can be utilized in car batteries.

By generating over US\$ 200 per ton of waste, INNOVO can offer Waste2Value Conversion as a cost-free service to municipalities.

Want to know more: https://innovo-net-zero.com