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Hong Kong's BRK Technology achieves algae-derived biofuel as a sustainable alternative

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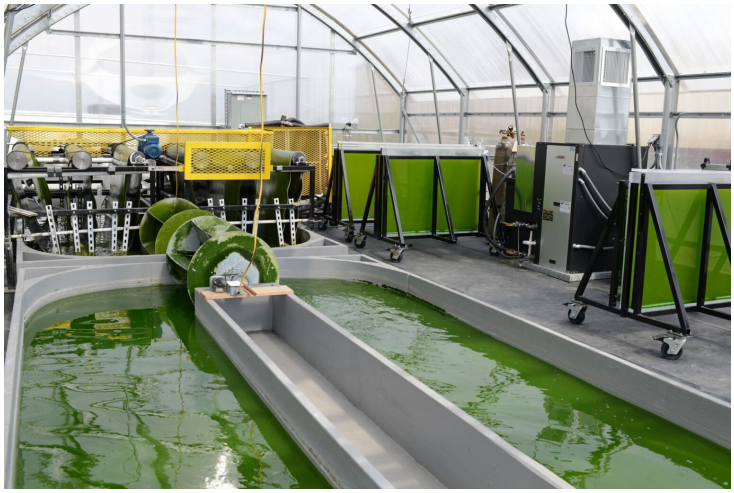
Algae converted into a drop-in replacement for diesel, reducing lifecycle carbon emissions by up to 80%



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BRK Technology has announced a major breakthrough in the development of its algae-based biofuel, a sustainable alternative tailored for heavy vehicles. This innovation marks a significant shift in clean energy, aiming to reduce emissions across high-impact industries including construction, mining, freight, and logistics.

Unlike traditional biofuels, BRK Technologyâ??s algae-based solution offers a truly scalable and low-impact energy option. With its high energy density and compatibility with existing engines, the fuel presents a practical and immediate route to cutting emissions in hard-to-abate sectors.

The companyâ??s proprietary cultivation and refinement process enables algae to be converted into a drop-in replacement for diesel, reducing lifecycle carbon emissions by up to 80%. The approach also offers co-benefits such as carbon capture during algae growth and the reuse of industrial by-products in the fuel production chain.

Backed by successful pilot trials across multiple vehicle types and harsh terrain, the fuel is now being prepared for large-scale field deployment in collaboration with logistics and infrastructure partners.

With governments and corporations under increasing pressure to decarbonise, BRK Technologyâ??s achievement underscores the potential of biotechnology to transform traditional industries and accelerate the transition to net zero.

A pioneer in the development and commercialization of algal biofuels, BRK Technology creates sustainable energy solutions that reduce carbon emissions. BRK Technology is at the forefront of the renewable energy revolution with innovative

technologies and a commitment to environmental stewardship.