



# Lighthouse green fuels carbon capture

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Project location Land within the boroughs of Stockton-on-Tees and Redcar and Cleveland, Teesside. The proposed Sustainable Aviation Fuel (SAF) production site (the "Main Site") ...

Our Teesside second-gen SAF facility is designed to capture CO<sub>2</sub> as a high-purity stream for permanent storage, enabling the production of carbon-negative sustainable aviation fuel. This will...

The Lighthouse Green Fuels project is one of the first projects underway in the UK aiming to convert biogenic and non-biogenic solid wastes ...

Capturing and permanently storing CO<sub>2</sub> reduces our fuels' carbon intensity (C.I.); hence, we will capture as much CO<sub>2</sub> as possible. The SAF generated by the ...

It offers closer access to critical infrastructure, including rail and shipping links, as well as carbon capture and storage infrastructure. The site would be capable of enabling the entire ...

"The UK has an opportunity to be at the forefront of the SAF sector, with its access to suitable feedstocks and planned carbon capture infrastructure. ...

The Lighthouse Green Fuels facility is proposed for the North Tees industrial cluster and would convert more than 1.5Mt of sustainably sourced ...

It is also even closer to carbon capture and storage infrastructure, providing the opportunity for seamless integration ...

Lighthouse Green Fuels will connect to the Northern Endurance Partnership's CO<sub>2</sub> transport and storage network being developed off the ...

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