



NORTHPOINT

Online Q&A
Thursday 13th January 2022



What is Sustainable Aviation Fuel?



A low carbon alternative to conventional aviation fuel that can be produced from biogenic waste (i.e. used cooking oil) or non biogenic sources (such as non-recyclable plastics).



Why is SAF Needed?

- UK has legally binding requirement to be “Net Zero” by 2050
- Aviation sector is major emitter of CO₂
- International & National Strategies encourage SAF production and use
- Opportunity for UK to become world leader
- Opportunity for North West to be focus of production activities

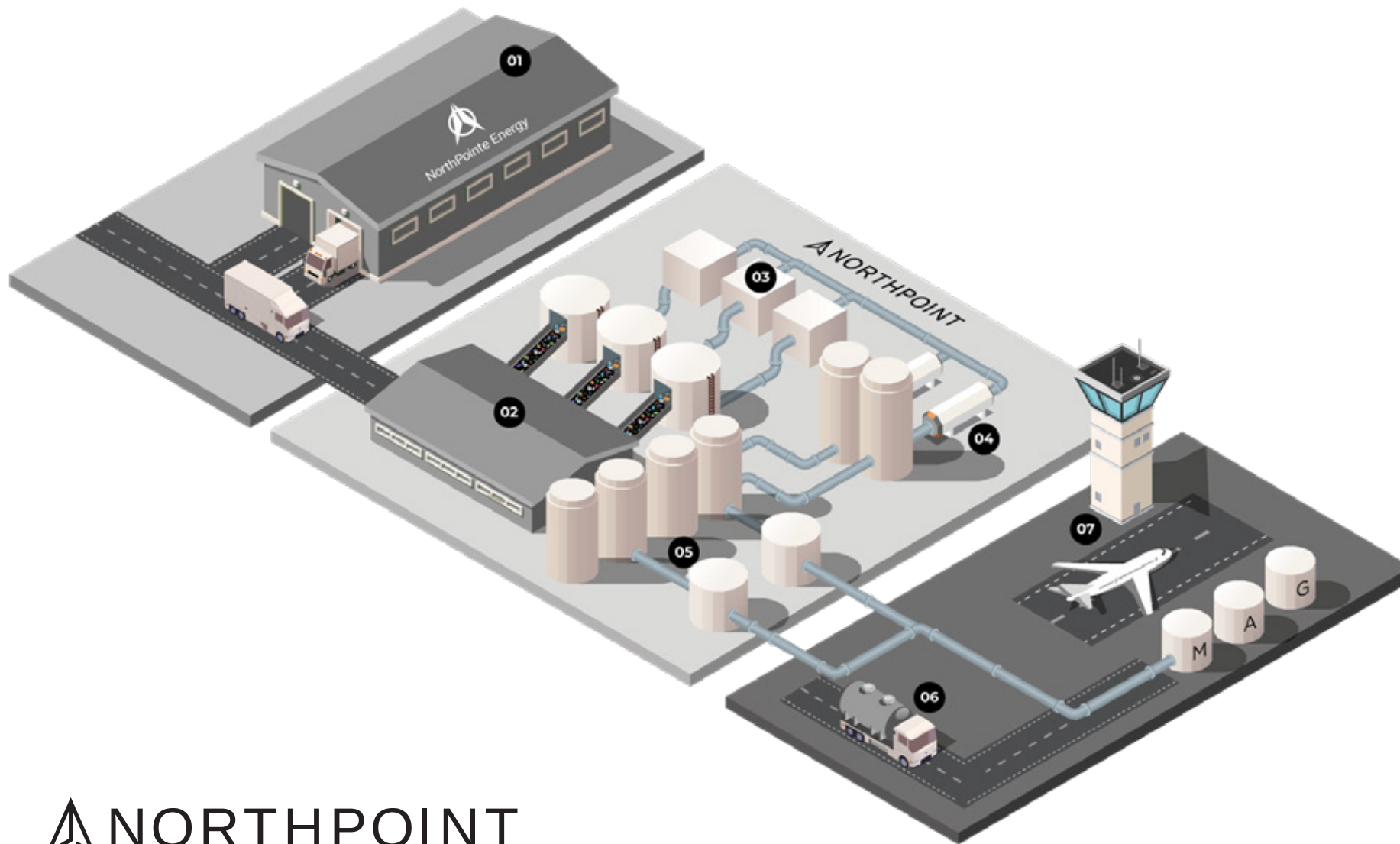


The Site

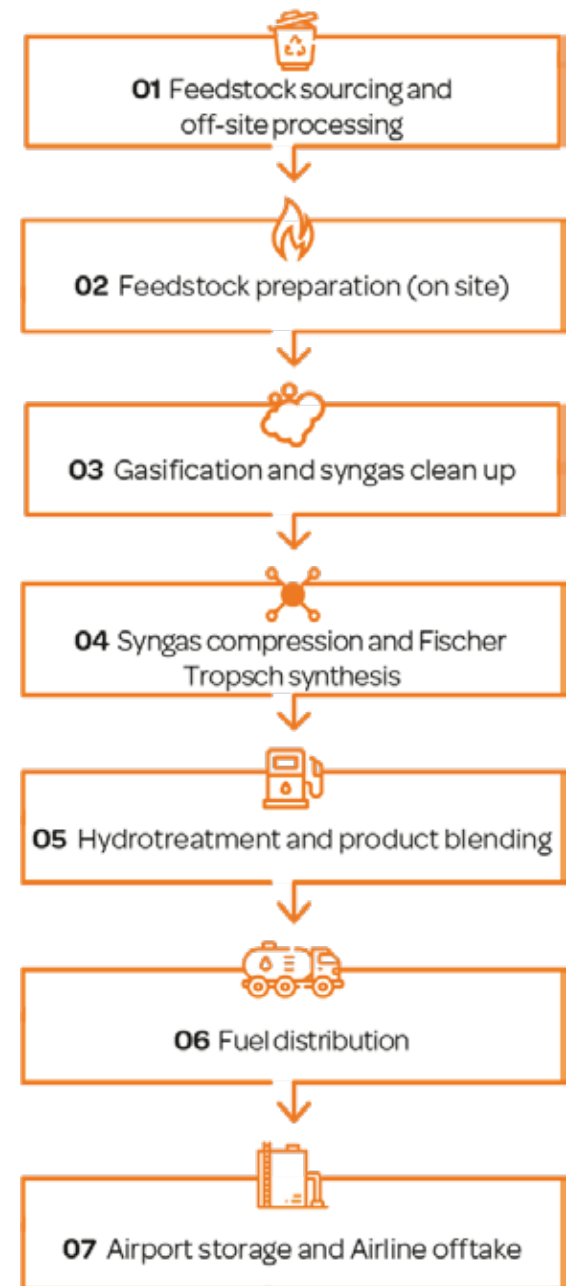
- Centrally located within Stanlow Oil Refinery
- Accessed from M53 / A5117
- Existing infrastructure including pipeline connection to Manchester Airport
- Forms part of Ellesmere Port Industrial Area
- Proximity to complementary businesses and projects including HyNet North West



The Proposals



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The Proposals

- Appearance typical of petrochemical facility
- Structures no taller than those existing at Stanlow
- Carbon capture ready

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Benefits



Around 100 high value and highly skilled green jobs during operation plus around 1000 jobs during construction



Around £2billion invested



Additional income for Cheshire West & Chester Council through business rates every year



Reducing net CO2 emissions by at least 90% compared to fossil based fuel jet, when produced in conjunction with suitable carbon capture



Potential of 500,000 tonnes of CO2 saved by linking to Hynet North West



Diverting 600,000 tonnes of waste from landfill every year



SAF can help to improve local air quality, particularly around airports, as airborne particles are reduced when compared with regular fossil-derived jet fuel

The Environment

- Environmental Impact Assessment looking at topics such as transport, air quality, noise, odour and ecology.
- Commitment to biodiversity net gain
- Construction Management Plan to be agreed with Cheshire West & Chester Council



Have Your Say

- Newsletter sent to local addresses
- Website launched fulcrumnorthpoint.com
- Online questionnaire
- Contact points – email, Freephone, Freepost
- Follow @NorthPointSAF on twitter
- **Consultation closes on Monday 31st January 2022**





Northpointe Energy Ltd is looking to build a Sustainable Aviation Fuel (SAF) production facility at the Essar Stanlow Manufacturing Complex in Ellesmere Port, Cheshire.

We want to get your views as we prepare a planning application which we expect to submit to Cheshire West & Chester Council in early 2022.

Inside this newsletter you will find more information on our plans and a questionnaire where you can tell us what you think.

ABOUT NORTHPOINTE ENERGY LTD

Northpointe Energy Ltd is a sustainable fuels company founded in the United States in 2007. We are pioneering the conversion of non-recyclable residual wastes into sustainable transportation fuels with a focus on the aviation sector.

We have developed and demonstrated a process, using commercially proven technology, to convert waste that would otherwise be landfilled or incinerated, into low carbon, clean liquid fuel.

We have built the world's first waste to sustainable fuel plant Sierra BioFuels just outside of Reno, Nevada in the United States. Construction is complete and fuel will be produced from this plant in 2022.

Northpointe Energy Ltd is being developed by Northpointe Energy Ltd, a wholly owned subsidiary of the US parent company.

SUSTAINABLE AVIATION FUEL (SAF)?

to traditional fossil derived jet fuel that can be sources, such as non-recyclable residual wastes that or landfilled. Using SAF can reduce CO₂ emissions, at fuel it replaces over the lifecycle of the fuel and can particularly around airports.

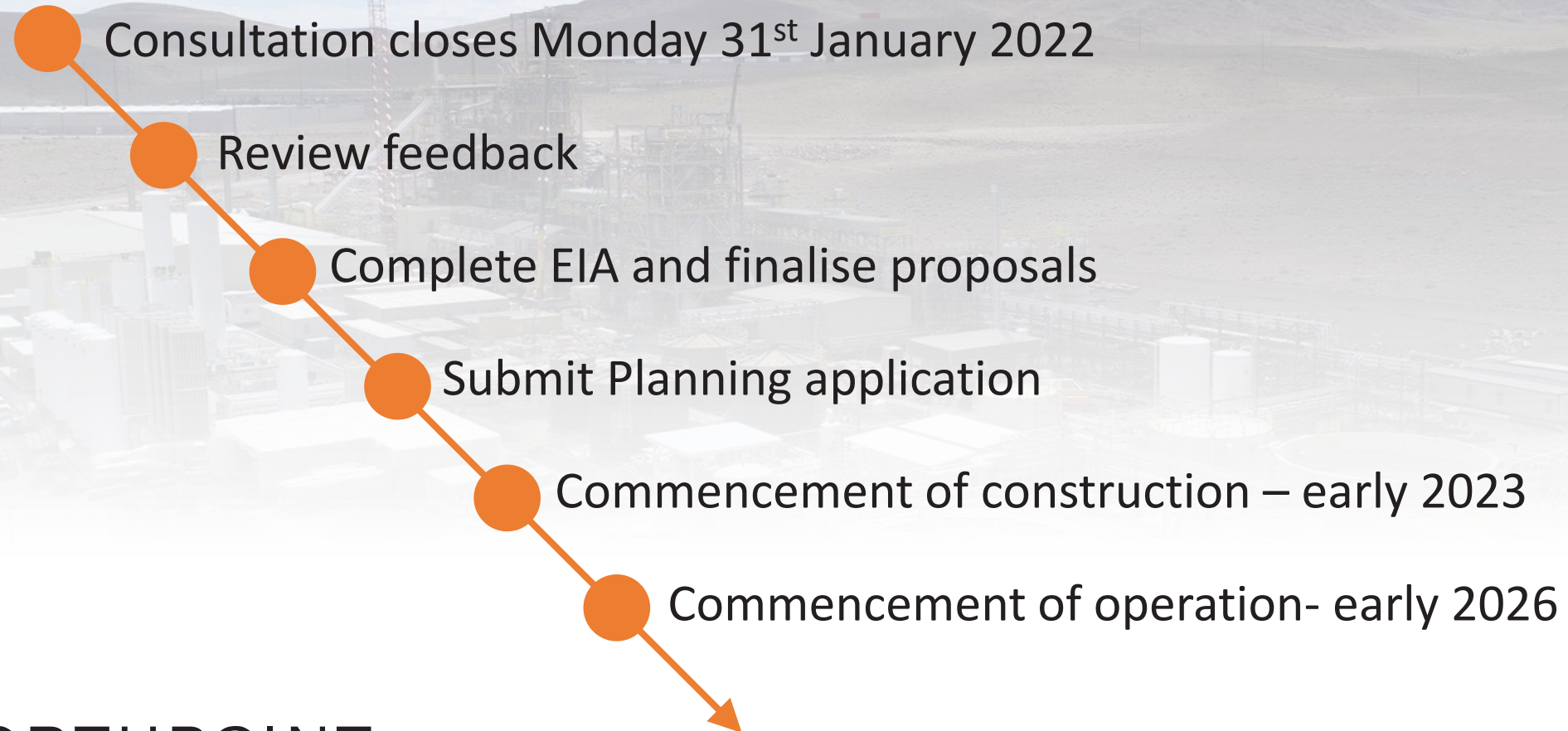


THE FACILITY?

strategy for delivering upon its legally binding commitment to net zero CO₂ emissions by 2050. Fulcrum NorthPoint can provide the bedrock for creating a UK 'centre of excellence' for SAF production in the North West, whilst creating green jobs for skilled workers.



Next Steps





Any questions?

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