



NORTHPOINT by Fulcrum BioEnergy

Online Q&A

Thursday 13th January 2022



Fulcrum BioEnergy

- A Sustainable Fuels company
- Founded in USA in 2007
- Partners include Marubeni Corporation BP & Cathay Pacific
- Pioneering conversion of non-recyclable waste to SAF
- Constructing world's first sustainable fuels plant - Nevada
- UK selected for first development outside USA
- Stanlow identified as preferred location

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

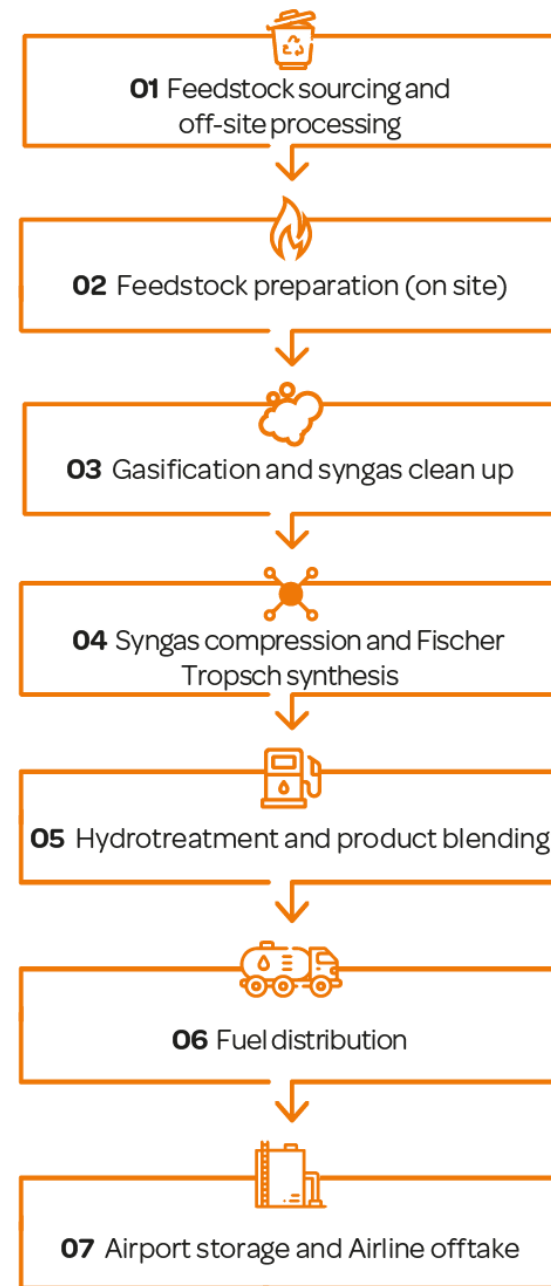
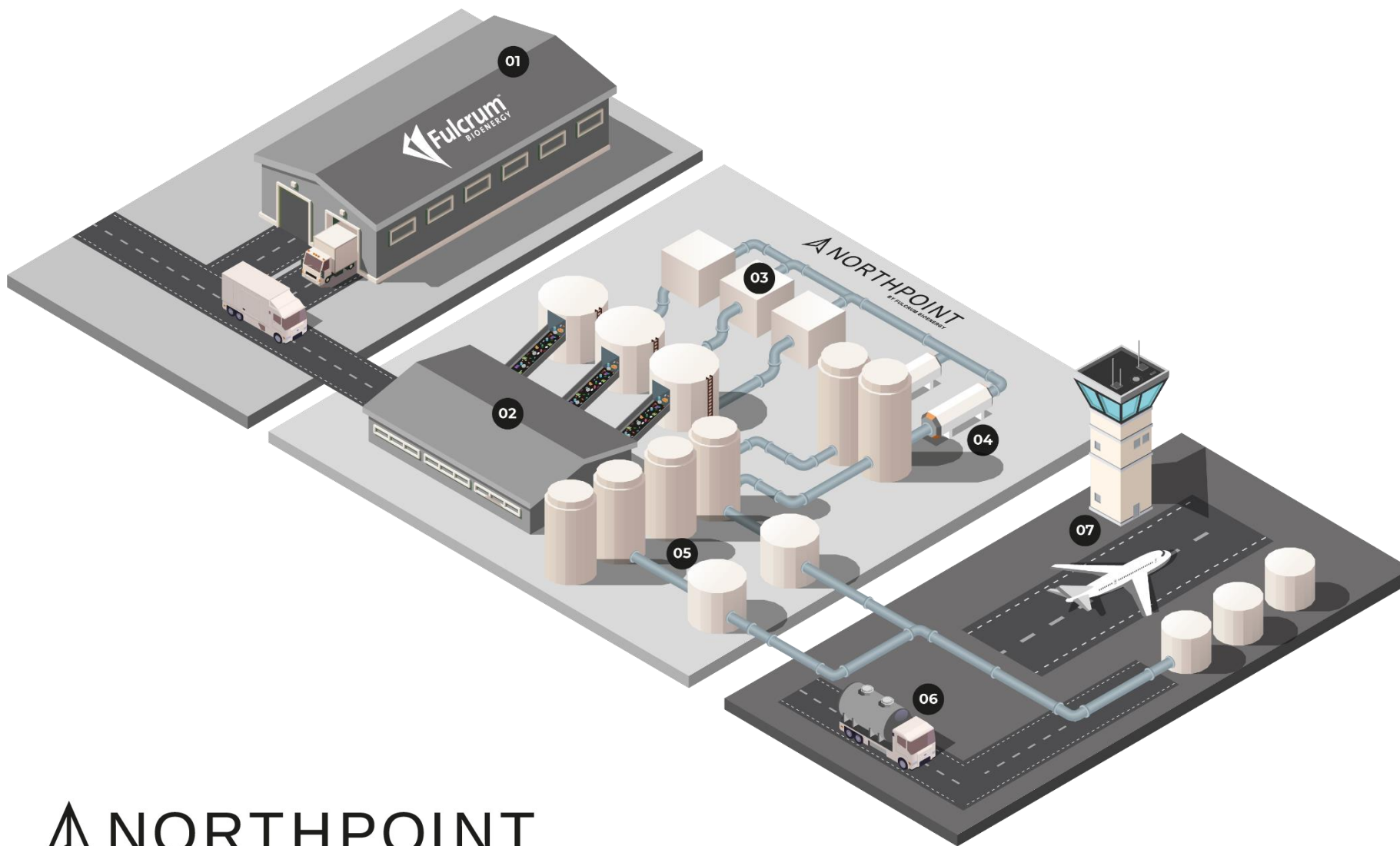


The Site

- 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



The Proposals

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



Benefits



Around 100 high value and highly skilled green jobs during operation plus around 800 jobs during construction



Around £600 million invested



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



Reducing net CO2 emissions by at least 70% compared to fossil-based jet fuel



Potential for 100% reduction in net CO2 in the future by linking to HyNet North West



Diverting significant amounts 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-based 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

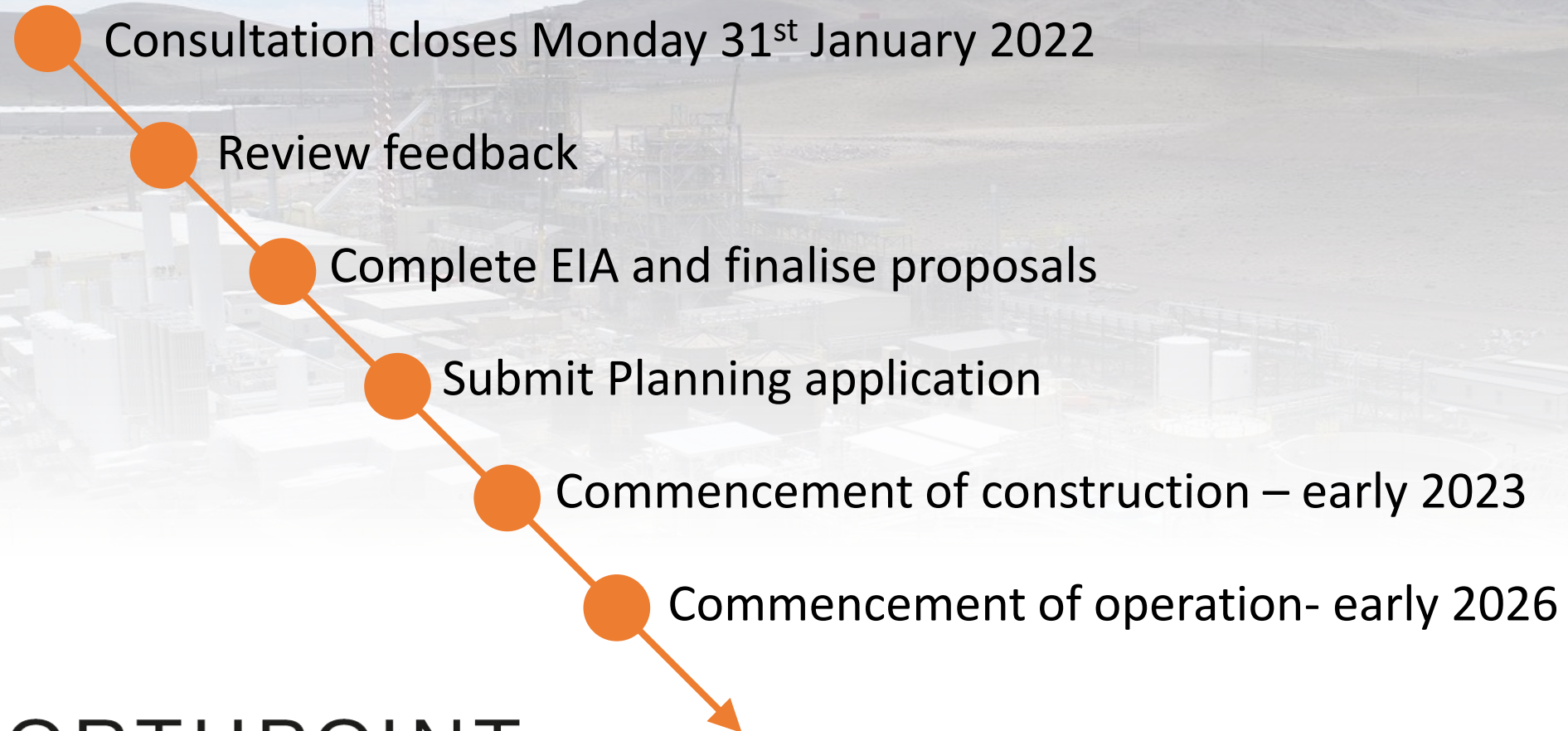


Have Your Say

- 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**



Next Steps





Any questions?

 **NORTHPOINT**
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