

Net Zero  
Teesside

# Local Community Update

January 2021



# Overview

Net Zero Teesside (NZN) will be the UK's first commercial scale, full chain Carbon Capture, Utilisation and Storage (CCUS) project. NZN will comprise of a CO<sub>2</sub> gathering network to collect CO<sub>2</sub> from industrial sources in Teesside and also a new high efficiency gas-fired power station, with state-of-the art carbon capture technology, on part of the former SSI steel works site at Redcar. CO<sub>2</sub> will be captured and collected through the CO<sub>2</sub> pipeline network and transported for secure storage at a suitable offshore geological site under the North Sea.

NZN has the potential to capture up to 10 million tonnes of carbon dioxide (CO<sub>2</sub>) emissions per annum (the equivalent to the annual energy use of up to 3 million homes). It will therefore make a significant contribution toward the UK reaching its net zero greenhouse gas emissions target by 2050.

NZN is being promoted by Net Zero Teesside Power Limited (NZN Power) and Net Zero North Sea Storage Limited (NZNS Storage). Before construction can begin on NZN, we need to apply for and obtain various permissions, including a Development Consent Order (DCO) from the Secretary of State (SoS) for Business, Energy and Industrial Strategy under the Planning Act 2008.



# Consultation on the Project

Consultation is a key part of the DCO process and it is a statutory requirement of the Planning Act 2008 to consult people living within the vicinity of NZT and to take account of their views in preparing the DCO application.

We carried out our initial (Stage 1) consultation on NZT in the Autumn of 2019, when we introduced the Project to the local community. Following Stage 1, we progressed a number of technical and environmental assessments and studies to help develop our proposals further. From the end of June 2020 through to mid-September 2020, we then consulted the local community and other stakeholders on our more detailed proposals (this was our Stage 2 Consultation).

We received just over 100 completed feedback forms and around 90 emails (setting out comments) from the local community in response to our Stage 2 Consultation. The responses received show that the local community is supportive of CCUS as a means to tackle climate change, while the majority of people felt that Teesside was an appropriate location for NZT and that the Project would support jobs and investment in the area.

Since the close of Stage 2, we have reviewed the responses received from the local community and other stakeholders and have undertaken further work, which has resulted in some changes to the Project. We are therefore providing the local community with information on these changes through this newsletter.

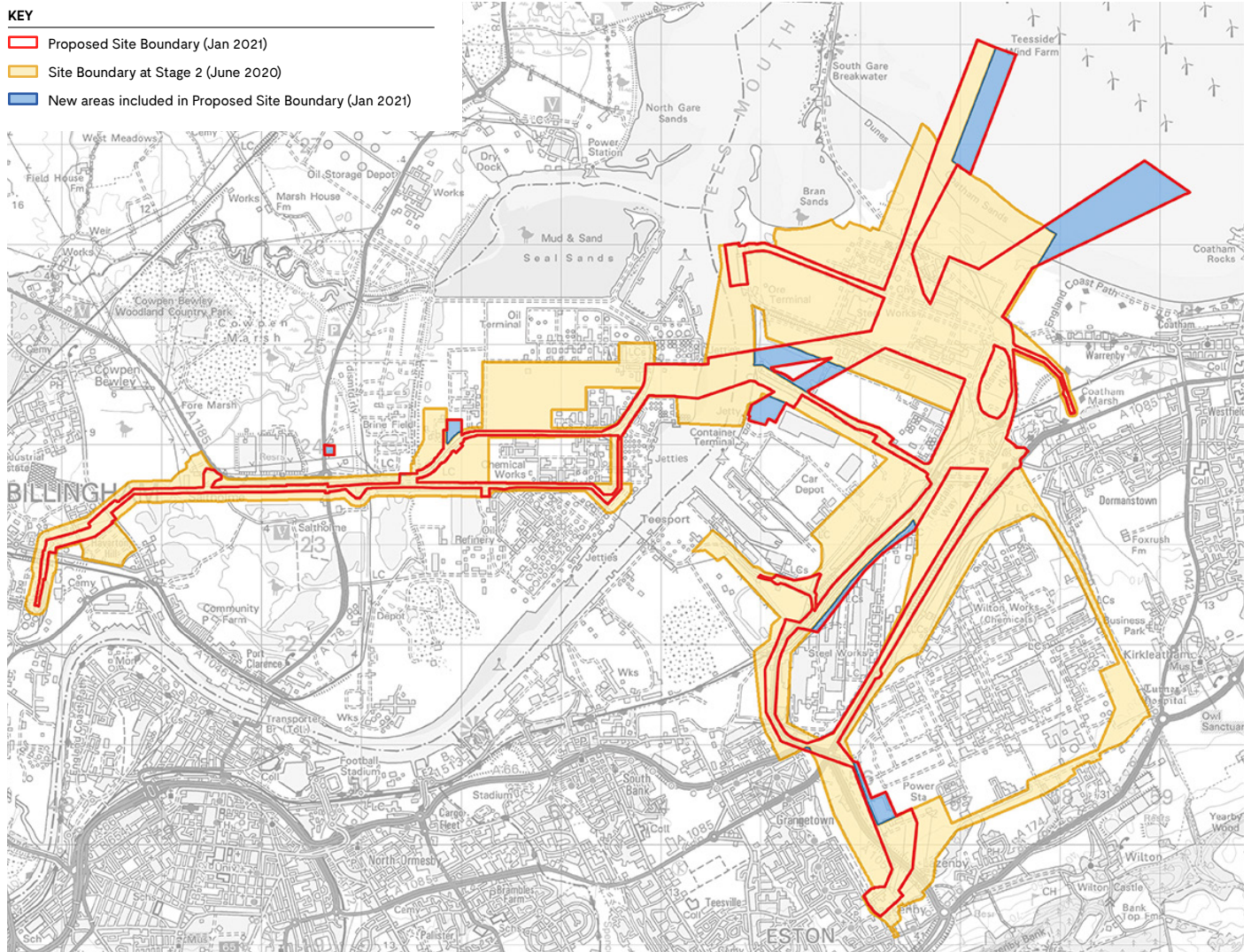


# Changes made since Stage 2

The main changes that have been made to the Project since Stage 2 are summarised below:

- **Number of Combined Cycle Gas Turbine (CCGT) units within the gas-fired power station:** for the first phase of the Project the decision has been taken to proceed with a single CCGT unit of up to 840 megawatts electrical rather than up to three CCGT units. This decision has been made in order to demonstrate to Government that carbon capture technology can be successfully applied to a commercial scale CCGT unit before investment decisions are made on adding a second or third unit.
- **Reduction in the extent of the Power, Capture and Compression (PCC) Site:** as a result of the decision to proceed with a single CCGT unit, the extent of the PCC Site (occupying part of the former SSI steel works site) has been reduced (excluding land that will be required temporarily for construction) from approximately 60 hectares to 40 hectares in area.
- **Reduction in the extent of and number of options for connection corridors:** further assessment work has been undertaken to narrow and reduce the extent of the various connection corridors required for the Project (e.g., gas, water, electrical and CO<sub>2</sub> gathering and export) and a number of options have also now been removed.
- **Inclusion of some additional land:** the further assessment work has also highlighted the need to include a number of additional areas of land within the Project Site to facilitate the various connections.

The plan produced below shows the changes made to the Project Site boundary since the Stage 2 Consultation.



The changes that have been made to the Project are expected to reduce its potential environmental effects from those presented in the Preliminary Environmental Information Report provided as part of the Stage 2 Consultation, as they involve a reduction in the size and capacity of the power station, a reduction in the extent of and options for the connection corridors. The changes will also increase the distance between where construction works will take place and identified sensitive receptors. The predicted environmental effects of the Project will be further assessed and reported within an Environmental Statement that will form part of the DCO application.

# How can I find out more?

This newsletter and other documents, including plans showing the changes made to the Project Site boundary, are available to download and view free of charge via the “Documents Library” on the “Consultation Page” of the Project Website: [www.netzeroteesside.co.uk/consultation](http://www.netzeroteesside.co.uk/consultation). If you are unable to access the Project Website, please email us at: [consultation@netzeroteesside.co.uk](mailto:consultation@netzeroteesside.co.uk) and we will make arrangements to send you hard copies (or a USB stick) of the latest information free of charge.

# How can I submit comments?

**Any comments you have can be submitted in the following ways:**

- Completing a hard copy of the comments sheet that accompanies this newsletter and returning it to the Free-post address below.
- By email: [consultation@netzeroteesside.co.uk](mailto:consultation@netzeroteesside.co.uk).
- By writing to us: **Free-post NET ZERO TEESSIDE PROJECT CONSULTATION.**

Comments must be submitted **no later than 11.59pm on 23 February 2021.**

Any details you provide to us by post, the website, email or telephone, will be subject to our Privacy Notice. The comments received may be made public. However, no personal information will be published unless necessary. We will take reasonable care to comply with the requirements of the General Data Protection Regulation. It is important that you read our [Privacy Notice](#).

# Next steps

We will consider all comments received and document how we have taken these into account within the Consultation Report that will form part of our DCO application. The Consultation Report (and other application documents) will be made available on the Project Website once the application has been submitted.

We are planning to submit our DCO application toward the end of Quarter 1/early Quarter 2 2021.

