Net Zero Teesside – Environmental Statement

Planning Inspectorate Reference: EN010103

Volume III – Appendices

Appendix 2A: Transboundary Screening

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended)

Prepared by: AECOM

The Planning Inspectorate
Yr Arolygiaeth Gynllunio

Transboundary screening undertaken by the Planning Inspectorate (the Inspectorate) on behalf of the Secretary of State (SoS) for the purposes of Regulation 32 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the 2017 EIA Regulations)	
Project name:	Proposed Teesside Cluster Carbon Capture & Usage Project
Address/Location:	Land at the former Sahaviriya Steel Industries (SSI) Site, Redcar, South Teesside (for the generating station) and surrounding areas within the administrative boundaries of Redcar and Cleveland Borough Council and Stockton on Tees Borough Council (for the associated development including gas and water supply, an electrical grid connection, water discharge pipes and carbon dioxide (CO_2) gathering network.
Planning Inspectorate Ref:	EN010103
Date(s) screening undertaken:	First screening – 11 June 2019 following the Applicant's request for a scoping opinion
EEA States identified for notification:	First screening: None identified

FIRST TRANSBOUNDARY SCREENING	
Document(s) used for transboundary Screening:	Teesside Cluster Carbon Capture & Usage Project: Application for a Scoping Opinion ('the Scoping Report') dated February 2019
Screening Criteria:	**The Inspectorate's Comments:**
Characteristics of the Development	The Proposed Development would comprise the onshore works of a full chain Carbon Capture Usage and Storage project. It includes the construction and operation of a gas-fired Combined Cycle Gas Turbine generating station with a net electrical output of up to 2,100 megawatts. The generating station would require a gas and water supply, an electrical grid connection and water discharge pipes. Corridors have been identified for the gas, electrical and water connections and the CO_2 gathering pipes network. The Scoping Report does not identify the start date for construction, details of any potential phasing for the Proposed Development or information on how long the development would take to build. The Scoping Report does not contain any details regarding the operational lifetime of the Proposed Development.
Location of	The generating station, CO_2 capture equipment, cooling, transformers and auxiliary equipment would comprise the "Main

Development (including existing use) and Geographical area	Site" of the Proposed Development and would be located on the former Sahaviriya Steel Industries (SSI) site on the south bank of the River Tees estuary. The SSI site was previously used for iron and coke manufacture and comprises large scale plant and buildings with open areas of land previously utilised for raw materials storage and processing. The indicative boundary of the Main Site encompasses an area of approximately 52 hectares within the SSI site. The Main Site is located within an industrial area with a closed iron-making plant and the operational Redcar Bulk Terminal located to the northwest; the Northumbrian Water Bran Sands sewage treatment plant, operational land of PD Ports Teesport and the Wilton International industrial complex to the south; and similar industrial complexes to the west. Corridors have been identified for the gas, electrical and water connections and the CO_2 gathering pipes network; these are routed primarily through industrial complexes and along existing roads. The gas connection corridors and the CO_2 gathering pipe network would cross the River Tees. The water connection corridor extends out into the Tees Bay. The Applicant has not identified within the Scoping Report the nearest EEA state to the Proposed Development. No information is provided in the Scoping Report about any areas which could be affected which are within another EEA State.
Environmental Importance	The Scoping Report states that the water connection corridor is located within the Teesmouth and Cleveland Coast Special Protection Area (SPA), potential SPA (pSPA) and Ramsar site. These sites are located approximately 240m north of the SSI site (at its nearest point). A further three European sites are located within 15 km of the Main Site: • Northumbria Coast SPA/ Ramsar site (approximately 14.6km north west); • Durham Coast Special Area of Conservation (SAC) (14.6km north west); and • North York Moors SAC/ SPA (11.5 km south east). The Scoping Report refers to wintering and passage birds but does not refer to specific species. Nor does it state whether any qualifying features of the designated sites are migratory species. The Water Framework Directive (WFD) status of the water bodies in and around the application site has not been confirmed in the Scoping Report. It is stated that the assessment in the Environmental Statement will consider impacts relating to the WFD.
Potential impacts and Carrier	The Scoping Report identifies potential impacts, including via: • air (eg dust, particulate matter, stack and vehicle

	emissions, noise and vibration); • water (eg accidental spillages, polluted surface water-run off, cooling water abstraction and cooling water discharge); and • land (eg disturbance of historic contamination of the SSI site).
Extent	The Scoping Report has not identified any impacts which would be likely to significantly affect the environment in another EEA State.
Magnitude	The Scoping Report has not identified any impacts which would be likely to significantly affect the environment in another EEA State.
Probability	The Scoping Report has not identified any impacts which would be likely to significantly affect the environment in another EEA State.
Duration	The Scoping Report has not identified any impacts which would be likely to significantly affect the environment in another EEA State.
Frequency	The Scoping Report has not identified any impacts which would be likely to significantly affect the environment in another EEA State.
Reversibility	The Scoping Report has not identified any impacts which would be likely to significantly affect the environment in another EEA State.
Cumulative impacts	The Scoping Report states that cumulative effects with other developments will be considered within the Environmental Statement; a list of nearby developments is given within the Scoping Report, between Chapter 6, Paragraphs 6.148 and 6.152. The Applicant has not identified any likely significant cumulative effects at this stage.

Transboundary screening undertaken by the Inspectorate on behalf of the SoS

Under Regulation 32 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (the 2017 EIA Regulations) and on the basis of the current information available from the Applicant, the Inspectorate is of the view that the Proposed Development **is not likely** to have a significant effect on the environment in another EEA State.

In reaching this view the Inspectorate has applied the precautionary approach (as explained in its Advice Note Twelve: Transboundary Impacts), and taken into account the information currently supplied by the Applicant.

Action:

No further action required at this stage.

Date: 11 June 2019

Note: The SoS' duty under Regulation 32 of the 2017 EIA Regulations continues

throughout the application process.

Note:

The Inspectorate's screening of transboundary issues is based on the relevant considerations specified in the Annex to its Advice Note Twelve, available on our website at http://infrastructure.planninginspectorate.gov.uk/legislation-and-advice/advice-notes/