

XLINKS' MOROCCO-UK POWER PROJECT

Environmental Statement

Volume 1, Appendix 5.3: Cumulative Effects Assessment Screening Matrix

Document Number: 6.1.5.3

PINS Reference: EN010164/APP/6.1

APFP Regulations: 5(2)(a)

November 2024

For Issue

XLINKS' MOROCCO – UK POWER PROJECT

| Document status | | | | | |
|-----------------|---------------------|-------------|--------------|--------------|---------------|
| Version | Purpose of document | Authored by | Reviewed by | Approved by | Review date |
| For Issue | Application | RPS | Xlinks 1 Ltd | Xlinks 1 Ltd | November 2024 |

Prepared by:

RPS

Prepared for:

Xlinks 1 Limited

Contents

| | | |
|----------|----------------------------------|----------|
| 1 | CEA SCREENING MATRIX..... | 1 |
| 1.1 | Introduction | 1 |
| 1.2 | Legislative Requirements..... | 1 |
| 1.3 | Methodology | 2 |
| 1.4 | Consultation | 9 |
| 1.5 | References | 14 |

Tables

| | | |
|------------|--|----|
| Table 1.1: | ZOI for CEA | 3 |
| Table 1.2: | Search criteria for the CEA long list (onshore)..... | 5 |
| Table 1.3: | Assigning uncertainty to projects, plans or activities for CEA | 6 |
| Table 1.4: | Summary of key consultee comments raised during consultation activities undertaken for the Proposed Development relevant to the cumulative assessments. | 10 |

Annexes

- Annex A : Onshore CEA Long List and Location Plan
- Annex B : Offshore CEA Long List and Location Plan

Glossary

| Term | Meaning |
|--|---|
| Applicant | Xlinks 1 Limited |
| Alverdiscott Substation Connection Development | The development required at the existing Alverdiscott Substation Site, which is envisaged to include development of a new 400 kV substation, and other extension modification works to be carried out by National Grid Electricity Transmission. This does not form part of the Proposed Development, however, it is considered cumulatively within the Environmental Impact Assessment as it is necessary to facilitate connection to the national grid. |
| Climate change | A change in global or regional climate patterns, in particular a change apparent from the mid to late 20th century onwards and attributed largely to the increased levels of atmospheric carbon dioxide produced by the use of fossil fuels. |
| Converter Site | The Converter Site is proposed to be located to the immediate west of the existing Alverdiscott Substation Site in north Devon. The Converter Site would contain two converter stations (known as Bipole 1 and Bipole 2) and associated infrastructure, buildings and landscaping. |
| Cumulative effects | The combined effect of the Proposed Development in combination with the effects from other planning applications, on the same receptor or resource. |
| Environmental Statement | The document presenting the results of the Environmental Impact Assessment process. |
| Greenhouse gas | A gas that absorbs and emits radiant energy within the thermal infrared range, causing the greenhouse effect. Examples include carbon dioxide and methane. |
| Local Planning Authority | The local government body (e.g., Borough Council, District Council, etc.) responsible for determining planning applications within a specific area. |
| Mean High Water Springs | The height of mean high water during spring tides in a year. |
| Mean Low Water Springs | The height of mean low water during spring tides in a year. |
| National Grid Electricity Transmission | National Grid Electricity Transmission owns and maintains the electricity transmission network in England and Wales. |
| Offshore Cable Corridor | The proposed corridor within which the offshore cables are proposed to be located, which is situated within the UK Exclusive Economic Zone. |
| Onshore Infrastructure Area | The proposed infrastructure area within the Order Limits landward of Mean High Water Springs. The Onshore Infrastructure Area comprises the transition joint bays, onshore HVDC Cables, converter stations, HVAC Cables, highways improvements, utility diversions and associated temporary and permanent infrastructure including temporary compound areas and permanent accesses. |
| Order Limits | The area within which all offshore and onshore components of the Proposed Development are proposed to be located, including areas required on a temporary basis during construction (such as construction compounds). |
| Planning Inspectorate | The agency responsible for operating the planning process for applications for development consent under the Planning Act 2008. |
| Preliminary Environmental Information Report | A report that provides preliminary environmental information in accordance with the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. This is information that enables consultees to understand the likely significant environmental effects of a project and which helps to inform consultation responses. |
| Proposed Development | The element of Xlinks' Morocco-UK Power Project within the UK. The Proposed Development covers all works required to construct and operate the offshore cables (from the UK Exclusive Economic Zone to Landfall), Landfall, onshore |

XLINKS' MOROCCO – UK POWER PROJECT

| Term | Meaning |
|----------------------------------|--|
| | Direct Current and Alternating Current cables, converter stations, and highways improvements. |
| Xlinks' Morocco UK Power Project | The overall scheme from Morocco to the national grid, including all onshore and offshore elements of the transmission network and the generation site in Morocco (referred to as the 'Project'). |

Acronyms

| Acronym | Meaning |
|---------|--|
| CEA | Cumulative Effects Assessment |
| DCO | Development Consent Order |
| EIA | Environmental Impact Assessment |
| ES | Environmental Statement |
| GHG | Greenhouse Gas |
| LPA | Local Planning Authority |
| MMO | Marine Management Organisation |
| NDDC | North Devon District Council |
| NGET | National Grid Electricity Transmission |
| PEIR | Preliminary Environmental Information Report |
| TCE | The Crown Estate |
| UK | United Kingdom |
| UXO | Unexploded Ordnance |
| ZOI | Zone of Influence |

Units

| Units | Meaning |
|----------------|---------------|
| ha | Hectare |
| km | Kilometre |
| m | Metre |
| m ² | Square metre |
| nm | Nautical mile |

1 CEA SCREENING MATRIX

1.1 Introduction

- 1.1.1 This document forms Volume 1, Appendix 5.3: Cumulative Effects Assessment Screening Matrix of the Environmental Statement (ES) prepared for the United Kingdom (UK) elements of Xlinks' Morocco-UK Power Project (the 'Project'). For ease of reference, the UK elements of the Project are referred to as the 'Proposed Development, which is the focus of the Environmental Statement (ES). The ES presents the findings of the Environmental Impact Assessment (EIA) process for the Proposed Development.
- 1.1.2 This appendix provides details of the approach to identifying other developments to be considered within the Cumulative Effects Assessment (CEA). It also provides the CEA long lists (both onshore and offshore), cumulative applications location, and cumulative effects screening matrix.
- 1.1.3 The CEA long lists and cumulative effects screening matrix have been revisited since the Preliminary Environmental Information Report (PEIR), during the Proposed Development pre-application period of the EIA process, to ensure that any additional data on applications already in the CEA long lists or additional cumulative applications of allocations are fully considered within the ES, submitted alongside the application for development consent.
- 1.1.4 The long lists have been informed by consultation and modelling confirming the extent of Zones of Influence (ZOI). For the purposes of undertaking the assessment work, the CEA long lists were finalised on 11 September 2024 (onshore) and 12 September 2024 (offshore). However, the lists were checked prior to submission of the ES to consider whether other existing developments and/or approved developments had come forward in the period between these dates and submission of the DCO (in accordance with guidance (see **section 1.3**)).

1.2 Legislative Requirements

- 1.2.1 As set out in Volume 1, Chapter 1: Introduction of the ES, following a request from the Applicant, in August 2023, the Secretary of State issued a Section 35 direction that the Proposed Development is to be treated as development for which development consent is required under the Planning Act 2008, as amended.
- 1.2.2 The legislative requirements for EIA are set by the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017, as amended (referred to in this report as the 2017 EIA Regulations), which set out requirements for EIA under the Planning Act 2008.
- 1.2.3 The 2017 EIA Regulations require:

'A description of the likely significant effects of the development on the environment resulting from, inter alia—

...

(e)the cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources; ...'
(Schedule 4, Part 5)

- 1.2.4 This requirement is fulfilled through the CEA, which considers the cumulative effects of the Proposed Development together with other proposed developments. This includes, for example, effects on a single receptor that may arise from the Proposed Development in combination with one or more of the other proposed developments identified.
- 1.2.5 Further details on legislation and policy relevant to the Proposed Development, are provided in Volume 1, Chapter 2: Policy and Legislation of the ES.

1.3 Methodology

Overview

- 1.3.1 Cumulative effects are effects on a single receptor arising from the Proposed Development when considered alongside the likely effects arising from other proposed developments. This includes projects that were not present at the time of data collection or survey and, as such, are not considered as part of the baseline for the topic being assessed. The exact approach taken by each technical topic has been described within the CEA section of the relevant ES chapters.
- 1.3.2 The CEA for the Proposed Development has been undertaken in accordance with the following guidance.
- Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment (Planning Inspectorate, 2024).
- 1.3.3 The Planning Inspectorate Advice on Cumulative Effects Assessment recommends that CEA should be a staged/sequential, but iterative process, with the process repeated several times as part of the drafting of the ES. The suggested stages are as follows.
- **Stage 1** – Establish the project's ZOI for each topic and identify a long list of 'other development', with mapping where possible.
 - **Stage 2** – Screening of long list: Identify a refined list of 'other development' for the CEA using the application of topic specific threshold criteria.
 - **Stage 3** – Information gathering on each of the 'other existing development and/or approved development' included in the refined list at Stage 2.
 - **Stage 4** – Assessment of the cumulative effects of the proposed development with the 'other existing development and/or approved development' identified in Stages 1-3 of the process outlined above.

Stage 1

- 1.3.4 Under the first stage of the CEA, a long list of relevant projects, plans and activities occurring within a ZOI around the Proposed Development was developed.

- For the onshore elements of the Proposed Development, the initial ZOI was up to 10 km from the Onshore Infrastructure Area and Order Limits (landward of Mean High Water Springs) (depending on the topic).
- For the offshore elements of the Proposed Development, the initial ZOI was 30 km from the Offshore Cable Corridor (up to the UK EEZ boundary). The 30 km ZOI being defined by the largest individual direct ecological ZOI i.e. fish and shellfish. Further to the 30 km ZOI, the overall ZOI was extended where relevant to encompass various ICES rectangles, which are specifically relevant to commercial fisheries considerations.

1.3.5 This has been further refined and topic specific ZOIs that are introduced in **paragraph 1.3.9** below and outlined below in **Table 1.1**.

1.3.6 The long list includes the details of the relevant operational or planned projects, plans and activities including those in the UK and adjoining international jurisdictions and has been based on publicly available information available at the time of preparation.

1.3.7 The Planning Inspectorate Advice on Cumulative Effects Assessment states that:

‘Applicants should state the assessment cut-off date in the Environmental Statement. Where new other existing and, or approved development comes forward following the cut-off date, the Examining Authority may request additional information during the examination in relation to effects arising. The applicant may need to conduct additional assessments to reduce delays and questions during examination.’ (Planning Inspectorate, 2024).

1.3.8 For the purposes of undertaking the assessment work, the CEA long lists were finalised on 11 September 2024 (onshore) and 12 September 2024 (offshore). However, the list was checked prior to submission of the ES to consider whether other existing development and/or approved development had come forward in the period between this date and submission (in accordance with guidance (see **section 1.3**)).

1.3.9 The ZOI for each topic area has been identified primarily based on the extent of likely effects. This ZOI will form the basis of the search area for each topic. Each topic area has used industry specific guidance along with professional judgement and knowledge of the local area to define the geographical ZOI. The identified ZOIs are presented in **Table 1.1** below.

Table 1.1: ZOI for CEA

| Topic | ZOI |
|---|---|
| Onshore | |
| Onshore Ecology and Nature Conservation | Within 1 km of the Onshore Infrastructure Area. |
| Historic Environment | Within 1 km of the Onshore Infrastructure Area and within 5 km of the Converter Site. |
| Hydrology and Flood Risk | Within 1 km of the Onshore Infrastructure Area. |
| Geology, Hydrogeology and Ground Conditions | Within 1 km of the Onshore Infrastructure Area. |
| Traffic and Transport | Within 1 km of the onshore elements of the Order Limits. Other proposed developments from the longlist were only considered where details regarding the timing of construction, operation and maintenance and decommissioning phases were available and a Transport |

| Topic | ZOI |
|--|---|
| | Assessment/Statement were provided within existing planning documentation. |
| Noise and Vibration | Within 250 m of the onshore elements of the Order Limits, 1 km of the Landfall, and 1 km of the Converter Site. |
| Air Quality | Within 500 m of the Onshore Infrastructure Area. |
| Land Use and Recreation | Within 1 km of the Onshore Infrastructure Area. |
| Offshore | |
| Benthic Ecology | Within 15.2 km of the Offshore Cable Corridor at locations where sediment was found to not fall out of suspension, and within 5 km of the remainder of the Offshore Cable Corridor (up to the UK EEZ boundary). |
| Fish and Shellfish Ecology | Within 30 km of the Offshore Cable Corridor (up to the UK EEZ boundary). |
| Commercial Fisheries | Within ICES rectangles 26E3, 27E2, 27E3, 28E2, 28E3, 29E3, 30E3, 30E4, 31E4 and 31E5 (up to the UK EEZ boundary). |
| Marine Mammals and Turtles | Within 5 km of the Offshore Cable Corridor (up to the UK EEZ boundary). |
| Shipping and Navigation | Within 5 nm (c.9.3 km) of the Offshore Cable Corridor (up to the UK EEZ boundary). |
| Other Marine Users | Within 5 nm (c.9.3 km) of the Offshore Cable Corridor of the Proposed Development (up to the UK EEZ boundary), extending out to 6.6 nm (c.12.2 km) around Hartland Point to include the latest assessment of sediment plume extents potentially arising from nearshore sediment disturbance activities. |
| Marine Archaeology and Cultural Heritage | Within 5 km of the Offshore Cable Corridor of the Proposed Development (up to the UK EEZ boundary). |
| Physical Processes | A 30 km buffer from the Offshore Order Limits. |
| Offshore Ornithology | Within 2 km of the Offshore Cable Corridor of the Proposed Development (up to the UK EEZ boundary). |
| Combined Onshore and Offshore | |
| Landscape, Seascape and Visual Resources | Within 1 km of the Onshore Infrastructure Area and within 10 km of the Converter Site. |
| Socio-economics and Tourism | All offshore wind projects in the Celtic Sea, and major construction projects within Devon County Council area. |

1.3.10 The overarching criteria used in the desk study for long listing potentially relevant ‘cumulative project and plans’ are other developments with the potential for overlap with the Proposed Development in terms of impacts on sensitive receptors or that introduce new sensitive receptors that could be impacted, where existing receptors assessed are not adequately representative of effects.

1.3.11 All projects, plans and activities within the search areas defined in the table above have been identified through a desktop study using the following data sources, alongside some additional sources. The projects, plans and activities for the CEA long list landward of Mean High Water Springs were identified within search areas as defined in **Table 1.1** and through a desktop review of the websites of the following organisations.

- Torrington District Council.
- North Devon District Council.
- Devon County Council.

- The Planning Inspectorate National Infrastructure Planning.
- 1.3.12 For the consideration of onshore cumulative projects and plans, these overarching criteria exclude minor household applications and business applications (such as extensions or changes of use), of which there are very large numbers at any given time and are not likely to result in any potential for significant cumulative effects. Applications that introduce new receptors have been identified and considered within each topic chapter, where appropriate.
- 1.3.13 The projects, plans and activities for the CEA long list seaward of Mean High Water Springs were identified within search areas as defined in **Table 1.1** and through a desktop review of the websites of the following organisations.
- Marine Management Organisation (MMO) marine licence public register.
 - GOV.UK 'Explore Marine Plans' website.
 - The Planning Inspectorate National Infrastructure Planning website.
 - The Crown Estate (TCE) Floating Offshore Wind Leasing Round 5 information, via TCE website.
- 1.3.14 **Table 1.2** provides a summary of the search criteria used to identify 'other developments' for the long list, applied to the consideration of onshore cumulative projects and plans only. Known 'other developments' located outside of the ZOI have been considered on a case-by-case basis as to whether they are likely to result in cumulative effects. These have been included in the long list as appropriate.

Table 1.2: Search criteria for the CEA long list (onshore)

| Development / Plan | | Search Criteria | | | |
|--|-------------|--------------------------------|------------------------------------|-----------------------------------|---------------------------|
| | | Residential housing unit (no.) | Residential housing area (hectare) | Non-residential (m ²) | Non-residential (hectare) |
| Nationally Significant Infrastructure Projects | | Screened in. | | | |
| Transport and Works Act Orders | | Screened in. | | | |
| "Major applications" to Local Planning Authority (LPA) | Large Scale | 200+ | 4+ | 10,000+ | 2+ |
| | Small Scale | 10-199 | 0.5-4 | 1,000 – 10,000 | 1-2 |
| Other applications to LPA | | Professional judgement. | | | |
| Local Development Plan allocations | | Screened in. | | | |

- 1.3.15 All offshore projects and plans identified within the ZOI which involve proposed construction activities have been included in the CEA long list. Marine license applications for minor marine activities (such as sampling or the maintenance of existing structures or assets) have been excluded as they are not likely to result in any potential for significant cumulative effects.
- 1.3.16 The wider Project will extend beyond the UK EEZ boundary into the French jurisdiction. Parallel EIA studies will be developed for the works within French waters and it is anticipated that any cumulative impacts with other French

developments would be greatest with the Project elements located within the French jurisdiction. The focus of this ES is on the Proposed Development, including the Offshore Cable Corridor within the UK EEZ. A transboundary screening appendix is presented in Volume 1, Appendix 5.2: Transboundary Screening, of the ES. For completeness, the ZOI for this CEA is applied to the entire Offshore Cable Corridor length and hence the ZOI extends 30 km into the French EEZ.

1.3.17 The following online resources have been reviewed to identify any potential offshore developments located within the portion of the ZOI that lies within the French EEZ:

- European Marine Observation and Data Network (EMODnet) map viewer.
- GeoLittoral French Government sea and coastal planning portal - planning viewer map was not accessible at the time of writing, however the following publicly downloadable data have been reviewed:
 - ‘potentially favourable areas for the development of wind power’,
 - ‘connection study areas’, and
 - ‘areas conducive to the development of offshore wind power’.

1.3.18 Following a review of the above resources, no other developments within French jurisdiction have been identified for inclusion in the CEA long list. It should also be noted that as the Offshore Cable Corridor extends directly into the French ‘Mers Celtiques – Talus du golfe de Gascogne’ Marine Protected Area (after crossing the UK / France EEZ boundary), this is likely to preclude or limit any future other development within the element of the ZOI that is located inside the French EEZ.

1.3.19 All projects, plans or activities identified as being taken forward to the CEA process, are ‘tiered’ in accordance with the guidance set out in the Planning Inspectorate’s Advice Note (Planning Inspectorate, 2024). This allows the level of certainty associated with the project, plan, or activity to be considered. For example, projects which are already under construction are more likely to contribute to cumulative effects than those projects and plans that are not yet submitted. Each development on the long list has been assigned a tier based on **Table 1.3**.

Table 1.3: Assigning uncertainty to projects, plans or activities for CEA

| Tier | Examples |
|--------|---|
| Tier 1 | <ul style="list-style-type: none"> • Under construction. • Permitted application(s), whether under the Planning Act 2008 or other regimes, but not yet implemented. • Submitted application(s) whether under the Planning Act 2008 or other regimes but not yet determined. • All refusals subject to appeal procedures not yet determined. |
| Tier 2 | <ul style="list-style-type: none"> • Projects on the Planning Inspectorate’s Programme of Projects. |
| Tier 3 | <ul style="list-style-type: none"> • Projects on the Planning Inspectorate’s Programme of Projects where a scoping report has not been submitted. • Identified in the relevant Development Plan (and emerging Development Plans – with appropriate weight being given as they move closer to adoption) recognising that there will be limited information available on the relevant proposals. • Identified in other plans and programmes (as appropriate) which set the framework for future development consents/approvals, where such development is reasonably likely to come forward. |

1.3.20 The refined long lists identified using the above method are presented in **Annex A** (onshore) and **Annex B** (offshore) along with figures showing the location of each project and plans. This list has been updated periodically during the EIA process (refer to **paragraph 1.1.4**), informed by consultation and modelling confirming the extent of ZOIs, and has been finalised for use in this appendix on 12 September 2024, however the longlist will continue to be updated through application and examination.

Stage 2

1.3.21 A requirement of undertaking CEA is to identify those projects, plans or activities with which the Proposed Development may interact to produce a cumulative effect. These interactions may arise within the construction, operation and maintenance, or decommissioning phases. The process of identifying those projects, plans or activities for which there is the potential for an interaction to occur is referred to as 'screening'.

1.3.22 The following criteria have been used in screening the long list projects and plans for inclusion in the refined long list. These criteria, however, are not exhaustive or wholly prescriptive: expert judgement by the EIA team has also been applied throughout. The following developments have been included in the refined long list.

- EIA developments or those where an un-determined EIA screening or scoping request indicated the possibility of significant environmental effects was foreseen.
- 'Major developments' where identified as such in planning applications or decisions.
- Developments whose scale, nature or location suggests potential for particular cumulative impacts – e.g., an industrial or combustion process as a source of air or water pollutant or noise emissions, a potential large traffic generator such as distribution warehouse or retail park, or a development in proximity to designated site or other asset.
- Completed developments that may not be captured in baseline studies (e.g. due to very recent start of operation).
- Developments that introduce sensitive receptors for which the assessment of effects on existing sensitive receptors identified through baseline study and included in the assessment of a particular environmental impact would not be representative.

1.3.23 Developments not meeting these inclusion criteria and/or not considered to have potential for cumulative effects have been screened out of the refined long list.

1.3.24 A process has been developed in order to methodically and transparently screen the projects, plans and activities that may be considered cumulatively alongside the Proposed Development and produce a refined long list. The following factors have then been used to refine the long list to create a refined long list to be taken forward for each topic.

- Data confidence: data confidence has been taken into account when screening projects, plans and activities into or out of the CEA. The premise is that projects, plans and activities with a low level of detail publicly available cannot meaningfully contribute to a CEA and, as such, are screened out.

- Conceptual overlap: for a conceptual overlap to occur it must be established that an impact has the potential to directly or indirectly affect the receptor(s) in question. In EIA terms this is described as an impact-receptor pathway and is defined here as a conceptual overlap.
 - Physical overlap: a physical overlap refers to the potential for impacts arising from the Proposed Development to overlap spatially with those from other projects, plans and activities on a receptor basis. This means that, in most examples, an overlap of the physical extent of the impacts arising from the two (or more) projects, plans or activities must be established for a cumulative effect to arise. Exceptions to this exist for certain mobile receptors.
 - Temporal overlap: in order for a cumulative impact to arise from two or more projects, a temporal overlap of impacts arising from each must be established. It should be noted that some impacts are active only during certain phases of development, such as piling noise during construction. In these cases, it is important to establish the extent to which an overlap may occur between the specific phase of the Proposed Development and other projects, plans or activities.
- 1.3.25 All developments that emit, avoid or sequester greenhouse gases (GHGs) have the potential to impact the atmospheric mass of GHGs as a receptor, and so may have a cumulative impact on climate change. Consequently, cumulative effects due to other specific local development projects were not individually considered for the climate change topic. Further information on the approach to CEA for climate change is presented in Volume 4, Chapter 1: Climate Change of the ES.
- 1.3.26 The CEA for the human health topic was based on outputs from the other topic chapters. Therefore, projects were not screened specifically for that topic and do not appear as a separate column in the screening matrices below. Further information on the assessments relied upon for the human health CEA is presented in Volume 4, Chapter 4: Human Health of the ES.

Stage 3 (Information Gathering) and Stage 4 (Assessment)

- 1.3.27 A desk study search of the available environmental information available for each of the 'other developments' listed in the refined long list has been undertaken, which included searching on LPAs and the Planning Inspectorate websites.
- 1.3.28 The CEA assessments are provided in each of the technical chapters in Volume 2, Volume 3 and Volume 4 of the ES and utilise topic-specific criteria and rationales for individual assessments which are not repeated here. In order to focus the topic-specific CEAs presented in the ES chapters, the refined long list was subject to further topic-specific screening to identify those relevant projects plans within the ZOIs for each topic, as set out in **Table 1.1**. The justification for each topic-specific screening distance, used to refine the refined long list into topic-specific short lists, have been considered based on the potential for conceptual, physical and/or temporal overlaps, as well as with the application of professional judgement.

1.4 Consultation

- 1.4.1 In January 2024, the Applicant submitted a Scoping Report to the Planning Inspectorate, which described the scope and methodology for the technical studies being undertaken to provide an assessment of any likely significant effects for the construction, operation and maintenance and decommissioning phases of the Proposed Development. It also described those topics or sub-topics which are proposed to be scoped out of the EIA process and provided justification as to why the Proposed Development would not have the potential to give rise to significant environmental effects in these areas.
- 1.4.2 Following consultation with the appropriate statutory bodies, the Planning Inspectorate (on behalf of the Secretary of State) provided a Scoping Opinion on 7 March 2024. Key issues raised during the scoping process specific to CEA are listed in **Table 1.4**, together with details of how these issues have been addressed within the ES.
- 1.4.3 The preliminary findings of the EIA process were published in the PEIR in May 2024. The PEIR was prepared to provide the basis for formal consultation under the Planning Act 2008. This included consultation with statutory and non-statutory bodies under section 42 and 47 of the Planning Act 2008.
- 1.4.4 Consultation responses received as part of the section 42 and 47 process and how they are addressed within the assessments are provided in **Table 1.4**.

Table 1.4: Summary of key consultee comments raised during consultation activities undertaken for the Proposed Development relevant to the cumulative assessments.

| Date | Consultee and Type of Response | Comment | How and where considered in the ES and this annex? |
|--------------|--|--|--|
| 7 March 2024 | Planning Inspectorate, Scoping Opinion | <i>'The ES should address any cumulative effects from the construction of the Proposed Development with the likely effects from the UXO clearance.'</i> (Scoping Opinion ID 2.1.7) | Unexploded Ordnance (UXO) is appropriately addressed in Volume 3, Chapter 2: Marine Mammals and Turtles of the ES. |
| 7 March 2024 | Planning Inspectorate, Scoping Opinion | <i>'The Inspectorate notes the intention to identify the projects and plans considered in the Cumulative Effects Assessment (CEA) and that the assessment of cumulative effects would be included in each aspect chapter. It is not clear from Table 5.10.1 where the information identifying the projects and plans considered in the CEA will be presented. The ES should clearly identify the projects and plans considered in the CEA. This could be presented as an Appendix. The Applicant is directed to the Inspectorate's Advice Note 17 with regards to a potential approach. The Applicant is also advised to seek to agree with relevant consultation bodies which plans and projects should be included in the CEA.'</i> (Scoping Opinion ID 2.2.3) | The potential cumulative impacts of the Proposed Development have been considered with the identified projects and plans as set out in this appendix. Topic specific assessment of the potential cumulative effects have been completed within the technical chapters set out in Volume 2, Volume 3 and Volume 4 of this ES. |
| 7 March 2024 | Planning Inspectorate, Scoping Opinion | <i>'North Devon Council identify the potential for cumulative impacts with other renewable energy projects in the area, as identified in the response. NE also identify two potential projects/plans that may also require consideration in the CEA, namely White Cross Offshore Wind Farm (onshore project) and The Crown Estate Round 5 Celtic Sea Flow.'</i> (Scoping Opinion ID 2.2.3) | Cumulative projects and plans have been set out within this appendix, including the White Cross Offshore Wind Farm (onshore project) and The Crown Estate Round 5 Celtic Sea project development areas. |
| 7 March 2024 | Devon County Council, Scoping Opinion | <i>'Section 5.7 states the methodology for the Cumulative Effects Assessment. It is recommended that the other developments considered alongside the Proposed Development include the Celtic Sea Array and White Cross Offshore Windfarm.'</i> | |
| 7 March 2024 | Natural England, Scoping Opinion | <i>'Plans or projects that Natural England are aware of that might need to be considered in the ES: - White Cross offshore wind farm (onshore project) - The Crown Estate Round 5 Celtic Sea Flow'</i> | |

XLINKS' MOROCCO – UK POWER PROJECT

| Date | Consultee and Type of Response | Comment | How and where considered in the ES and this annex? |
|--------------|--------------------------------------|--|--|
| 7 March 2024 | Natural England, Scoping Opinion | <p><i>'An impact assessment should identify, describe, and evaluate the effects that are likely to result from the project in combination with other projects and activities that are being, have been or will be carried out. The following types of projects should be included in such an assessment (subject to available information):</i></p> <ul style="list-style-type: none"> <i>a. existing completed projects</i> <i>b. approved but uncompleted projects</i> <i>c. ongoing activities</i> <i>d. plans or projects for which an application has been made and which are under consideration by the consenting authorities; and</i> <i>e. plans and projects which are reasonably foreseeable, i.e. projects for which an application has not yet been submitted, but which are likely to progress before completion of the development and for which sufficient information is available to assess the likelihood of cumulative and in-combination effects.'</i> | <p>The potential cumulative impacts of the Proposed Development have been considered with the identified projects and plans as set out in this appendix. Topic specific assessment of the potential cumulative effects have been completed within the technical chapters set out in Volume 2, Volume 3 and Volume 4 of this ES.</p> |
| 7 March 2024 | North Devon Council, Scoping Opinion | <p><i>'There is moderate to high potential for cumulative impacts with other renewable projects in NDDC, which must be either discounted or taken into account in the determination. It is necessary to examine the transboundary and cumulative effects of the substation when/if seen within the NDDC area, and cumulating with any existing or approved renewable projects within the NDDC area (as well as those in TDC).'</i></p> | <p>The cumulative projects and plans, relevant to the onshore environment, that are considered within the CEA are presented within Annex A. This sets out the list of projects and plans, along with the cumulative location plan.</p> <p>In relation to the applications identified within the North Devon Council response:</p> |
| 7 March 2024 | North Devon Council, Scoping Opinion | <p><i>'North Devon District Council would therefore ask for the following suggested cumulative impacts, viewpoints and properties to be taken into consideration in informing the EA...</i></p> <p><i>...List of established renewable energy projects in NDDC area:</i></p> <ul style="list-style-type: none"> <i>• Application 71708 - Land at Litchardon Cross Newton Tracey EX31</i> <i>• 3QE</i> <i>• Application 54884 – Land at Hollamoor Farm Eastacombe EX31</i> <i>• 3NY</i> | <ul style="list-style-type: none"> <i>• Application 71708 is included within the CEA screening matrix.</i> <i>• Applications 54884, 54349 and 58715 are considered to be operational and form part of the existing baseline environment. Therefore, the applications are not considered within the CEA.</i> |

XLINKS' MOROCCO – UK POWER PROJECT

| Date | Consultee and Type of Response | Comment | How and where considered in the ES and this annex? |
|-----------|--|--|--|
| | | <ul style="list-style-type: none"> Application 54349 – Horsacott Farm Lydacott EX31 2PD Application 58715 – Collacott Farm Newton Tracey EX31 3QF. | |
| July 2024 | Historic England, Section 42 response | Are there any other proposals such as renewable energy or electrical network infrastructure, that plan to connect with the sub-station at Alverdiscott, and that could result in cumulative effects, e.g. in relation to additional sub-station capacity, battery storage or new pylons and overhead cables? | <p>The Applicant notes that National Grid Electricity Transmission (NGET) will be responsible for the planning and construction of the proposed Alverdiscott Substation Connection Development. This development within the existing Alverdiscott Substation site requires the installation of a new 400kV substation which Xlinks will connect to. The Applicant understands from NGET that the proposed construction timeframe for this development is 2028-2029. This project has been included within the cumulative assessment for the Proposed Development.</p> <p>The Applicant understands that the proposed Alverdiscott Substation Connection Development does not require any new pylons or new overhead lines outside of the Alverdiscott Substation site, but may require re-positioning, or new connection towers within the site to connect the new substation to the national grid.</p> <p>The Applicant is not aware of any other renewable energy developments that are within the local planning authority process which would have cumulative effects with the Proposed Development.</p> |
| July 2024 | Torridge District Council, Section 42 response | <p><i>'Appendix 5.3 – Table 1.2 - Whilst Development Plan allocations are stated to be screened in to the assessment and search criteria for the CEA long list (onshore) this does not appear to have happened. Table 1.3 identifies that these will be assigned as Tier 3, in terms of assigning uncertainty. No projects appear to have been identified from the adopted Local Plan in Table A.1...</i></p> <p><i>...The Council would encourage the inclusion and review of all relevant allocations from the development plan that fall within the 10km area of search for the proposal. Most notable is allocation BID04...</i></p> | <p>Local Development Plan allocations have been included within the CEA long list and location plan (onshore), which is provided in Annex A.</p> <p>The cumulative human health, socio-economics and noise impacts with other projects and plans are considered in the following chapters:</p> <ul style="list-style-type: none"> Volume 4, Chapter 4: Human Health of the ES. Volume 4, Chapter 3: Socio-economics and Tourism of the ES. Volume 2, Chapter 6: Noise and Vibration of the ES. |

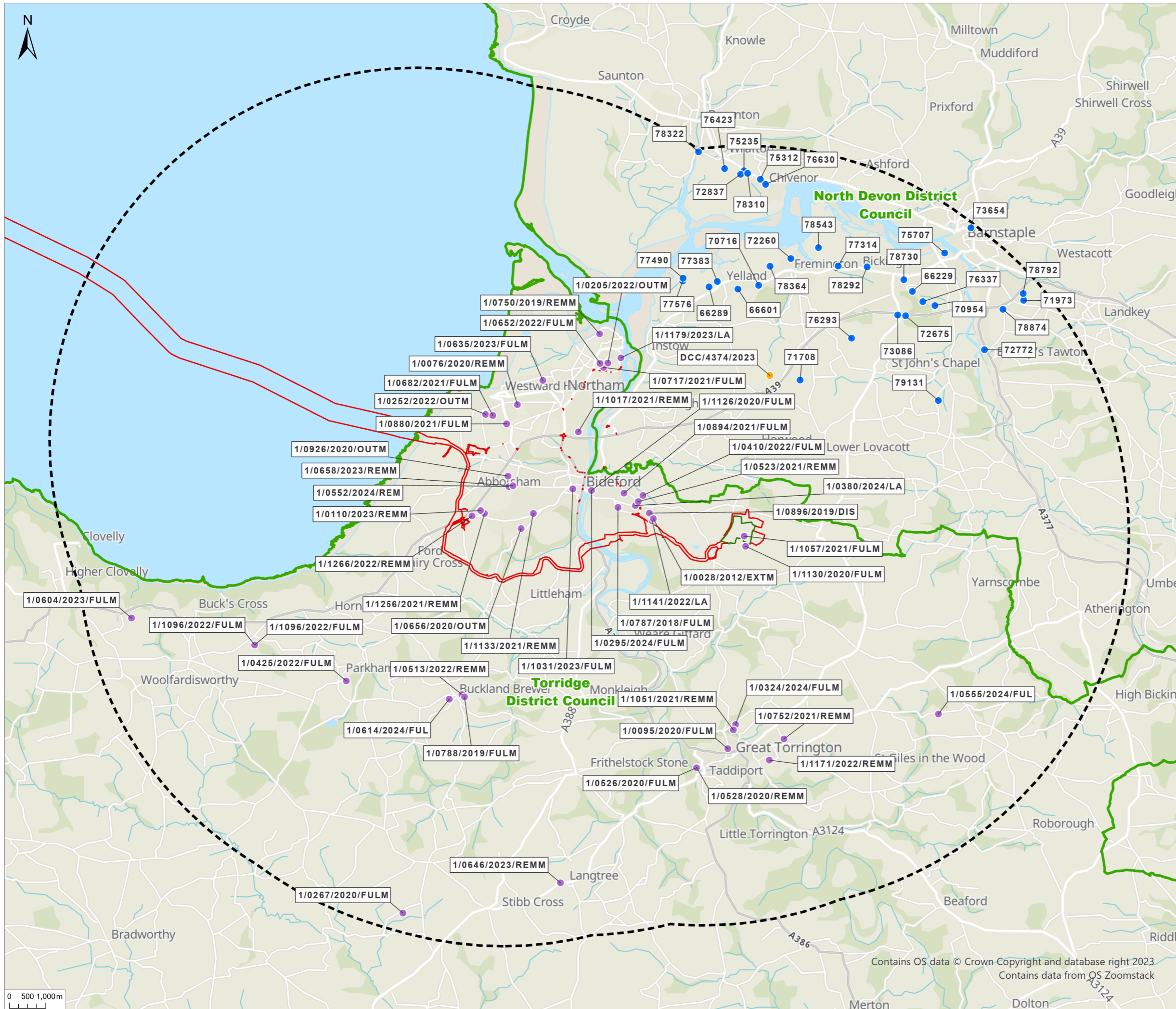
XLINKS' MOROCCO – UK POWER PROJECT

| Date | Consultee and Type of Response | Comment | How and where considered in the ES and this annex? |
|------|--------------------------------|--|--|
| | | <i>...Concerns that the location and operation of this compound could prejudice the likelihood of the allocation coming forward in the short to medium term, or that if it should proceed, then the location of the compound could cause amenity issues with future occupiers of new dwellings that could be located adjacent to the proposed compound. This could also result in noise complaints which have the potential to prejudice construction operations...'</i> | |

1.5 References

The Planning Inspectorate (2024). Nationally Significant Infrastructure Projects: Advice on Cumulative Effects Assessment. Available at: <https://www.gov.uk/guidance/nationally-significant-infrastructure-projects-advice-on-cumulative-effects-assessment> (Accessed: October 2024).

Annex A: Onshore CEA Long List and Location Plan



Notes
 1. This plan is scaled at paper size A3. If received electronically it is the recipient's responsibility to print to the correct scale. Only written dimensions should be used.

- Legend**
- Order Limits
 - 10 km buffer
 - District Council Boundary
 - Devon County Council
 - North Devon Council
 - Torrington District Council



| Rev | Description | By | CB | Date |
|-----|-------------|-----|----|----------|
| P01 | FINAL | SHB | JT | 29.10.24 |

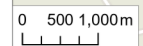


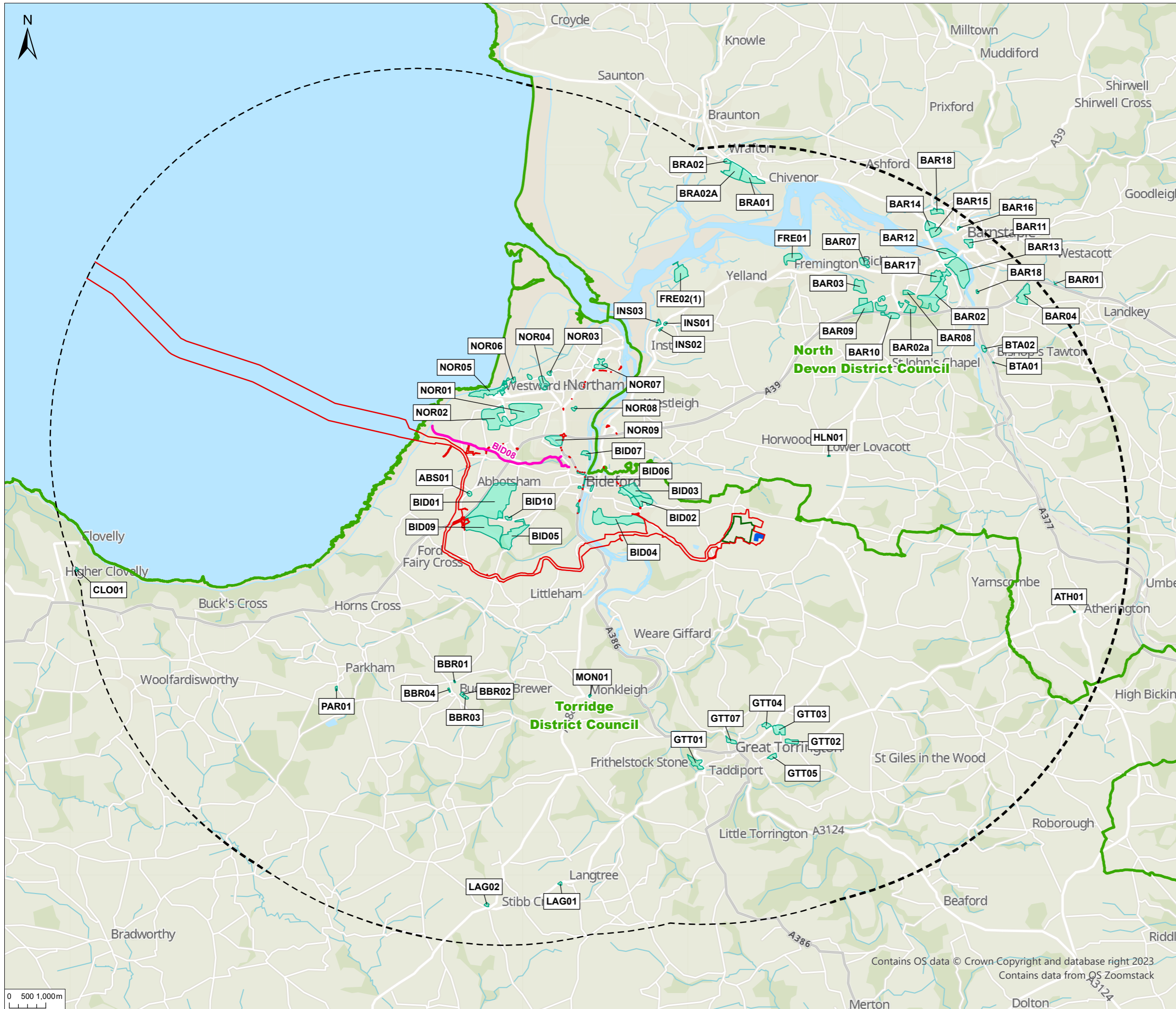
Client Xlinks 1 Limited
 Project Xlinks' Morocco-UK Power Project
 Title Onshore Cumulative Applications – Tier 1 Applications

Status FINAL Scale @ A3 1:100,000 Date Created Nov 2024
 Figure Number 1.1a Rev P01

www.xlinks.co

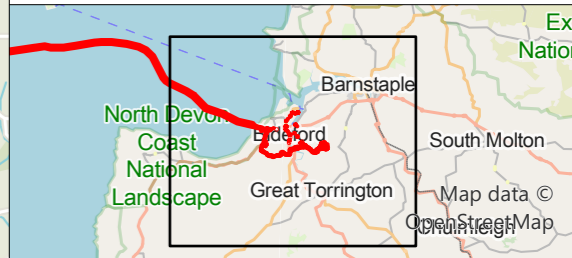
P:\eur-mpis-02_eur_rpsgroup.com\Projects\12693 Morgan Morecambe Transmission Assets\TechDrawings\11809-0258-05.aprx





Notes
 1. This plan is scaled at paper size A3. If received electronically it is the recipient's responsibility to print to the correct scale. Only written dimensions should be used.

- Legend**
- Order Limits
 - 10 km buffer
 - Converter Site
 - Alverdiscott Substation Connection Development
 - Footpath/Cycle Route Proposal
 - Development Plan Allocated Sites
 - District Council Boundary



| | | | | |
|-----|-------------|-----|----|----------|
| P01 | FINAL | SHB | JT | 13.11.24 |
| Rev | Description | By | CB | Date |



Client Xlinks 1 Limited
 Project Xlinks' Morocco-UK Power Project
 Title Onshore Cumulative Applications – Tier 3 Applications

Status FINAL Scale @ A3 1:100,000 Date Created Nov 2024
 Figure Number 1.1b Rev P01

www.xlinks.co

O:\11809 Xlinks Alverdiscott\Tech\Drawings\11809-0258-06.aprx

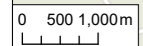


Table A.1: Onshore cumulative effects matrix - Spatial and Temporal

| | |
|---|--|
| A | Included as part of the topic baseline and hence not considered within the cumulative impact assessment. |
| B | Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment. Screened in to assessment. |
| C | Potential cumulative impact exists: Screened in to assessment. |
| D | No conceptual or physical effect-receptor pathway: Screened out of assessment. |
| E | Low data confidence: Screened out of assessment. |
| F | No temporal overlap: Screened out of assessment. |
| G | Project has been withdrawn from development or operational |

| Data source | External Link | Application Reference | Project/Activity Name | Tier | Capacity / Scale / Description | Site Area (ha) | Spatial Information- Proposed Development | | | | Status | Easting | Northing | Temporal overlap with Proposed Development | | Onshore environment | | | | | | | | | | | | |
|---|--|-----------------------|---|--------|--|----------------|--|---|-----------------------------|-------------------------------------|-------------|-----------|----------|--|-----------------|-------------------------------|----------------------|--------------------------|--------------------------|-----------------------|---------------------|-------------|-------------------------|---------------------------------------|-----------------|--------------|---|--|
| | | | | | | | Distance from Onshore Infrastructure Area (km) | Distance from Order Limits (Including AIL Route Works) (km) | Distance from Landfall (km) | Distance from Converter Site (km) | | | | Construction Phase | Operation Phase | Ecology & Nature Conservation | Historic Environment | Hydrology and Flood Risk | Hydrology and Flood Risk | Traffic and Transport | Noise and Vibration | Air Quality | Land-use and Recreation | Scenic and Visual Resources (Onshore) | Socio-economics | Human Health | | |
| Volume 1, Chapter 3: Project Description of the ES. | | N/A | Averdiscott Substation Connection Development | Tier 3 | The development required at the existing Averdiscott Substation Site, which is envisaged to include development of a new 400 kV substation, and other extension modification works to be carried out by National Grid Electricity Transmission. This does not form part of the Proposed Development, however, it is considered cumulatively within the Environmental Impact Assessment as it is necessary to facilitate connection to the national grid. It is anticipated that NGET would utilise the existing land holding to build the 400kV substation to accommodate the connection to the transmission network. It is assumed that the maximum development area for the Averdiscott Substation Connection Development could comprise up to 3.8 ha of land. Within that area it is assumed that the substation itself will occupy a footprint of approximately 2.8 ha, with a maximum height of 15m, excluding connecting tower structures. It should also be noted that the existing 400kV side of the substation is approximately 1 ha and would be incorporated into the above totals. | 3.8 | Within the Onshore Infrastructure Area | Within the Order Limits | 9.0 | Adjacent to the Converter Site | Unknown | 250237 | 125105 | Yes | Yes | C | C | C | C | C | C | C | C | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=PYE4FHQK1X00&activeTab=summary | 1/0896/2019/DIS | Business letting units car parking lots, access, drainage and landscaping (Plots 3) | Tier 1 | Business letting units, car parking lots, access, drainage and landscaping. This application forms plot 3 of the previous planning application 1/116/2007/FUL - Bideford Business Park. The application consists of a lorry park and units for letting purposes, the amount being: - Plot 3A: 1,065 sq m; - Plot 3B: 501 sq m; - Plot 3C: 501 sq m; and - Plot 3D: 145 sq m. Each building would have a ridge height of 9.1 m. | 2.5 | Adjacent to the Onshore Infrastructure Area | Adjacent to the Order Limits | 6.2 | 2.1 | Permitted | 247278 | 125808 | Yes | Yes | C | C | C | C | | C | C | D | C | C | | | |
| Torrige District Council | 1/1141/2022/LA Erection of building for the processing of household recycling materials and food waste, provision of vehicle workshop, office and welfare and all ancillary facilities including access roadway Land At Grid Reference 247022 125756 Gammaton Road Bideford Devon. (torrige.gov.uk) | 1/1141/2022/LA | Erection of building for the processing of household recycling materials and food waste, provision of vehicle workshop, office and welfare and all ancillary facilities including access roadway | Tier 1 | Erection of building for the processing of household recycling materials and food waste, provision of vehicle workshop, office and welfare and all ancillary facilities including access roadway | 3.2 | Adjacent to the Onshore Infrastructure Area | Adjacent to the Order Limits | 6.3 | 2.0 | Permitted | 247354 | 125596 | Yes | Yes | C | C | C | C | | C | C | D | C | C | | | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/ks/event/33615/section/1535709191573#1535709191573 | Policy BID04 | Development Plan Allocation - BID04: Site South of East-the-Water | Tier 3 | A site of about 34 hectares south of East-the-Water, as defined on the Policies Map 2, is allocated to deliver a sustainable, high quality mixed use development that includes: (a) approximately 600 dwellings, providing a mix of housing types and size to reflect local need, including affordable housing, of which approximately 430 are expected to be delivered in the plan period; (b) a 420 place primary school, including a nursery and a children's centre delivery base; (c) a hill top park; and (d) strategic planting along the site's southern and eastern boundaries. | 32.3 | Adjacent to the Onshore Infrastructure Area | Adjacent to the Order Limits | 4.7 | 2.1 | N/A | 246353 | 125637 | Yes | Yes | C | C | C | C | | C | C | C | C | C | | | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/ks/event/33615/section/1535709191573#1535709191573 | Policy BID09 | Development Plan Allocation - BID09: South of Clovelly Road | Tier 3 | Land at Adjvinn Farm, south of Clovelly Road, extending to 41 hectares and as defined on Policies Map 2, is allocated for residential and associated development, that includes: (a) approximately 700 dwellings including affordable homes, with an emphasis on providing a mix of housing types and sizes that reflects local needs; (b) integrated social and community infrastructure, including a neighbourhood community centre; (c) on site provision of sport and recreation facilities, including sports pitches adjoining Clovelly Road/Atlantic Village; (d) a vehicular link forming part of a wider distributor link to the south of Clovelly Road connecting with the Caddisdown Industrial Park Extension, allocated by Policy BID05; and (e) strategic planting along the site's southern boundary and western boundaries. | 40.2 | Adjacent to the Onshore Infrastructure Area | Adjacent to the Order Limits | 2.2 | 6.0 | N/A | 242730 | 125413 | Yes | Yes | C | C | C | C | | C | C | C | C | C | | | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=RUBXY9QKH900&activeTab=summary | 1/1130/2020/FULM | Construction of photovoltaic (PV) solar array and associated works (Variation of condition 3 of planning permission 1/0997/2012/FULM) - Extension to operational life | Tier 1 | Extension to operational life. Construction of photovoltaic (PV) solar array and associated works (Variation of condition 3 of planning permission 1/0997/2012/FULM). The application area relates to 10.1 ha of land with a generation capacity of approximately 4.7 MW. The application 1/0997/2012/FULM included an LVIA assessment, ecological assessment, archaeological assessment and geophysical report, and flood risk assessment. | 10.1 | Partially within the Onshore Infrastructure Area | Partially within the Order Limits | 9.0 | Partially within the Converter Site | Operational | 249919 | 124897 | Yes | Yes | A | A | B | A | | A | B | A | B | B | | | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=R05GR6QKH900&activeTab=summary | 1/0359/2024/FULM | Reserved matters application for details of appearance, landscaping, layout and scale in respect of a proposal for 274 no. dwellings, associated infrastructure and open space pursuant outline planning permission 1/0039/2014/OUTM (Amended Plans) (Variation of condition 1 of planning permission 1/1133/2021/REMM) | Tier 1 | Reserved matters application for details of appearance, landscaping, layout and scale in respect of a proposal for 274 no. dwellings, associated infrastructure and open space pursuant outline planning permission 1/0039/2014/OUTM (Amended Plans) (Variation of condition 1 of planning permission 1/1133/2021/REMM). | 35.0 | Partially within the Onshore Infrastructure Area | Partially within the Order Limits | 2.2 | 6.0 | Permitted | 244093 | 125800 | Yes | Yes | C | C | C | C | | D | C | C | C | C | | | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=QZ3XYGQK0B100&activeTab=summary | 1/1057/2021/FULM | Installation and operation of a solar farm together with all associated works, equipment and infrastructure (Further Information) | Tier 1 | The application includes the installation and operation of a Solar Farm together with all associated works, equipment and necessary infrastructure, with a lifetime of 40 years. The application site is divided into three parcels of land comprising a series of agricultural fields, extending to approximately 156.37 acres. The development included solar PV panels, seven switchgear substations, 14 transformers, a 132 kV substation, a storage container, a monitoring and communications buildings, security fencing and an internal access track. | 63.2 | Partially within the Onshore Infrastructure Area | Partially within the Order Limits | 8.9 | Partially within the Converter Site | Operational | 249880 | 125176 | Yes | Yes | C | C | C | C | | C | C | C | C | C | | | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/ks/event/33615/section/1535709191573#1535709191573 | Policy BID08 | Development Plan Allocation - BID08: Former Bideford to Appledore Railway | Tier 3 | Policy BID08: Former Bideford to Appledore Railway In association with landowners, voluntary organisations, the Highway Authority, and other interested parties, Torrige District Council will seek the establishment of a trail, following where possible the route of the former Bideford to Appledore Railway from Northam Road to Westward Ho! | Line 4.4km | Partially within the Onshore Infrastructure Area | Partially within the Order Limits | 0.1 | 4.6 | N/A | 243060 | 127460 | Yes | Yes | D | C | C | D | | C | C | D | C | C | | | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=K9I86HOK2M00&activeTab=summary | 1/0028/2012/EXTM | Industrial letting units for B1 B2 and B8 uses - Plot 6 | Tier 1 | Extension of time of Planning Permission 1/1140/2008/FUL - Industrial letting units for B1 B2 and B8 uses - Plot 6, within the Bideford Business Park Development area. | 1.3 | | 0.1 | 0.1 | 6.3 | 2.0 | Permitted | 247387 | 125654 | Yes | Yes | D | D | C | C | | C | C | D | C | C | | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=R1ZSETQK0B000&activeTab=summary | 1/1256/2021/REMM | Reserved matters application for details of appearance, landscaping, layout and scale in respect of a proposal for 276 no. dwellings, associated infrastructure and open space pursuant outline planning permission 1/0039/2014/OUTM (Amended Plans) | Tier 1 | The application site forms part of a larger area for which outline planning permission comprising up to 550 dwellings, a 1.9 ha primary school site (including neighbourhood building), highway accesses (including the rerouting of Littleham Lane), public open space and other associated infrastructure. The outline application was subject to an Environmental Statement. This application is for the second phase of development which comprises a total of 276 new dwellings, highways, open space which includes areas of play, attenuation features and a sports pitch. | 35.0 | 0.1 | 0.1 | 2.2 | 6.0 | Permitted | 242754 | 125800 | Yes | Yes | C | C | C | C | | C | C | C | C | C | | | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=R1MZREOQKPH00&activeTab=summary | 1/1266/2022/REMM | Reserved matters application for details of appearance, landscaping, layout and scale for 61 no. dwellings and associated works pursuant to application 1/1086/2017/OUTM | Tier 1 | The application site forms part of the BID01 allocation. The application includes a development of 61 dwellings including associated works. A new access is proposed onto Clovelly Road. | 2.5 | 0.1 | 0.1 | 2.2 | 6.9 | Pending | 242409 | 125730 | Yes | Yes | C | C | C | C | | C | C | C | C | C | | | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/ks/event/33615/section/1535709191573#1535709191573 | Policy ABS01 | Development Plan Allocation - ABS01: Land at The Glebe | Tier 3 | Policy ABS01: Land at The Glebe Land at the Glebe, as shown on Policies Map 27, is allocated for residential development that includes: (a) approximately 23 dwellings, including affordable homes, with a focus on providing a mix of housing types and sizes to reflect local need. | 1.4 | 0.1 | 0.1 | 1.6 | 7.0 | N/A | 242338 | 126338 | Yes | Yes | C | C | C | C | | C | C | C | C | C | | | |

Table A.1: Onshore cumulative effects matrix - Spatial and Temporal

| | |
|---|--|
| A | Included as part of the topic baseline and hence not considered within the cumulative impact assessment. |
| B | Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment. Screened in to assessment. |
| C | Potential cumulative impact exists: Screened in to assessment. |
| D | No conceptual or physical effect-receptor pathway: Screened out of assessment. |
| E | Low data confidence: Screened out of assessment. |
| F | No temporal overlap: Screened out of assessment. |
| G | Project has been withdrawn from development or operational |

| Data source | External Link | Application Reference | Project/Activity Name | Tier | Capacity / Scale / Description | Site Area (ha) | Spatial Information- Proposed Development | | | | Status | Easting | Northing | Temporal overlap with Proposed Development | | Onshore environment | | | | | | | | | | | | |
|--|---|-----------------------|---|--------|--|----------------|--|---|-----------------------------|-----------------------------------|--------------------|---------|----------|--|-----------------|-------------------------------|----------------------|--------------------------|----------------------------------|-----------------------|---------------------|-------------|-------------------------|-------------------------------|-----------------|--------------|-----|----|
| | | | | | | | Distance from Onshore Infrastructure Area (km) | Distance from Order Limits (Including AIL Route Works) (km) | Distance from Landfall (km) | Distance from Converter Site (km) | | | | Construction Phase | Operation Phase | Ecology & Nature Conservation | Historic Environment | Hydrology and Flood Risk | Hydrology and Geology Conditions | Traffic and Transport | Noise and Vibration | Air Quality | Land-use and Recreation | Scape and Resources (onshore) | Socio-economics | Human Health | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Yes | No |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=SCEJ1N0K0D000 | 1/0380/2024/LA | Erection of building for the provision of vehicle workshop, office & welfare and all ancillary facilities, access and cycle/pedestrian improvements | Tier 1 | Application includes a proposed Operational Services Centre as a hub for Council vehicles and services, comprising: • Vehicle maintenance workshop, welfare and office building • Vehicle yard and parking areas for Council vehicles and staff • Storage facilities for equipment and new waste containers • Green waste bays • Vehicle wash down area • Refuelling point • Two vehicular accesses off Alverdiscott Road • Combined cycleway and pedestrian footway along Alverdiscott Road frontage • Drainage attenuation pond and associated infrastructure • Landscaping • Educational resources • Public access to recreational link | 1.6 | 0.2 | Adjacent to the Order Limits | 5.8 | 2.5 | Pending | 246893 | 126016 | Yes | Yes | C | C | C | C | | | C | C | C | C | C | C | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/section/1535709191573#1535709191573 | Policy BID021/1266 | Development Plan Allocation - BID02: Cleave Wood | Tier 3 | Land at Cleave Wood, extending to about 13 hectares and as defined on Policies Map 2, is allocated as a mixed use development that includes: (a) approximately 250 dwellings including affordable homes, with an emphasis on providing a mix of housing types and sizes that reflects local needs; (b) health care facilities, including related car parking on a site of about 0.6 hectares; and (c) a neighbourhood community centre, including a Children's Centre base and satellite youth facilities. | 12.3 | 0.2 | Adjacent to the Order Limits | 5.6 | 2.2 | N/A | 247046 | 126135 | Yes | Yes | C | C | C | C | | | C | C | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=0SOY2Q0KM80&activeTab=summary | 1/0523/2021/REMM | Reserved matters application for access, appearance, landscaping, layout & scale pursuant to planning approval 1/0521/2021/FULM | Tier 1 | This proposal is situated within the Development Plan Allocation BID03. The reserved matters application includes 225 homes and associated infrastructure and public open space. The principal highways access will be provided off Manteo Way. A secondary highways access will be provided off Alverdiscott Road, just east of Kingsley House. New public open space will also be provided including: • Local Area of Play 150 m ² in area. • Local Equipped Area of Play 400 m ² in area. • 1 km fitness trail circuit and fixed gym equipment together totalling 2,500 m ² in area. • Amenity space. | 12.0 | 0.2 | Adjacent to the Order Limits | 5.6 | 2.2 | Permitted | 246973 | 126125 | Yes | Yes | C | C | C | C | | | C | C | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=R88A2WQKJDL00&activeTab=summary | 1/0252/2022/OUTM | Outline application for the erection of up to 400 dwellings, amenity open space, footpath links, associated landscaping and infrastructure works with all matters reserved except access (Affecting a Public Right of Way) | Tier 1 | The application relates to the allocated site NOR02. The site covers some 14.6ha and comprises agricultural land. The outline application seeks planning permission for the erection of up to 400 dwellings, associated open space, landscaping and infrastructure works on the land. | 14.6 | 0.9 | 0.9 | 1.5 | 7.3 | Permitted | 242782 | 128521 | Yes | Yes | C | C | C | C | | | D | D | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=map&keyVal=RPI4YQKGEA00 | 1/0110/2023/REMM | Reserved matters application for appearance, landscaping, layout and scale for a proposal of 200 dwellings pursuant to outline planning permission 1/0947/2020/OUTM and associated infrastructure (Amended Plans) | Tier 1 | Application for approval of Reserved Matters pursuant to 1/0947/2020/OUTM (layout, scale, appearance, and landscaping) for 200 dwellings and associated infrastructure. | 9.5 | 0.3 | 0.3 | 2.2 | 6.6 | Permitted | 242647 | 125879 | Yes | Yes | C | C | C | C | | | D | C | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?activeTab=documents&keyVal=RAIU22QKJ2000 | 1/0410/2022/FULM | Extension of time of planning permission 1/0327/2008/FUL for the erection of 12 new dwellings with parking (Variation of conditions 2, 3, 12 & 13 of Planning Approval 1/0233/2012/EXTM (formerly 1/0327/2008/FUL)) | Tier 1 | Semi-developed land at the end of Mines Road off Manteo Way. Land associated with application ref: 1/0327/2008/FUL and later 1/0233/2012/EXTM. 12 dwellings with parking. | 2.7 | 0.5 | 0.3 | 5.9 | 2.5 | Permitted | 247102 | 126294 | Yes | Yes | C | D | C | D | | | D | D | D | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=PCB71QKGG200&activeTab=summary | 1/0787/2018/FULM | Proposed new business hub incorporating a conference centre, new offices, a gym, nursery, associated car parking and landscaping | Tier 1 | The site is located on Gammaton Road, East the Water, Bideford and is approximately 1.1 ha. The application includes the demolition of a warehouse (approved by planning application 1/0406/2018/DEM) and replacing it with a new office and conference centre (class B1 business), a gym and nursery. The proposed works would also include car parking and associated landscaping. | 1.1 | 0.4 | 0.4 | 5.3 | 3.0 | Permitted | 246416 | 125966 | Yes | Yes | C | D | C | D | | | D | D | C | C | C | C | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/section/1535709191573#1535709191573 | Policy BID03 | Development Plan Allocation - BID03: Land adjoining Manteo Way | Tier 3 | Land adjoining Manteo Way, extending to 17 hectares, as defined on Policies Map 2, is allocated for residential and associated development, that includes: (a) approximately 310 dwellings, providing a mix of housing types and size to reflect local need, including affordable housing; and (b) a 2.5 hectare site for open space and recreation facilities. | 18.4 | 0.4 | 0.0 | 5.2 | 2.2 | N/A | 246825 | 126399 | Yes | Yes | C | C | C | C | | | D | C | C | C | C | C | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/section/1535709191573#1535709191573 | Policy NOR02 | Development Plan Allocation - NOR02: Site West of Buckleigh Road | Tier 3 | Policy NOR02: Site West of Buckleigh Road Land to the west of Buckleigh Road, extending to about 30 hectares and as defined on Policies Map 8A, will be comprehensively planned to deliver a sustainable, high quality mixed use development that includes: (a) approximately 740 dwellings, providing a mix of housing type and size to reflect local need, including those of the area's elderly population and affordable housing; and (b) a local centre, including facilities to accommodate community and retail uses. | 30.1 | 0.5 | 0.4 | 1.3 | 6.6 | N/A | 243033 | 128405 | Yes | Yes | C | C | C | C | | | D | C | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=0X7FTRQKGF500&activeTab=summary | 1/0894/2021/FULM | Reserved matters application for appearance, access, landscaping, layout & scale pursuant to planning approval 1/0111/2016/OUTM for the erection of 26 residential dwellings, associated infrastructure and open space. (Variation of Condition 1 of application) | Tier 1 | Reserved matters application for appearance, access, landscaping, layout & scale pursuant to planning approval 1/0111/2016/OUTM for the erection of 26 residential dwellings, associated infrastructure and open space. | 1.7 | 0.6 | 0.2 | 5.4 | 3.0 | Permitted | 246581 | 126357 | Yes | Yes | C | D | C | C | | | D | D | C | C | C | C | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/section/1535709191573#1535709191573 | Policy BID05 | Development Plan Allocation - BID05: Land adjoining Caddsdow Business Park | Tier 3 | Land adjoining Caddsdow Business Park, extending to about 18 hectares and as defined on Policies Map 2, will be developed comprehensively to deliver a sustainable, high quality mixed use development that includes: (a) approximately 8 hectares of land for economic development focused on B1, B2 and B8 uses as appropriate to the site and its wider context, ensuring that there is a mix of unit sizes to enable business start up and expansion; (b) approximately 130 dwellings, including affordable homes, with an emphasis on providing a mix of housing types and sizes that reflects local needs; and (c) an integrated highway network that incorporates: (i) the formation of a new east-west aligned vehicular link, as part of a wider distributor road through BID09 and extending to the site's eastern boundary; (ii) the provision of an extended spinal estate road for Caddsdow Business Park to service the new economic development; and (iii) the formation of a new junction onto Clovelly Road, providing access to the site from its north-eastern boundary. | 18.6 | 0.7 | 0.7 | 3.1 | 5.3 | N/A | 243426 | 125098 | Yes | Yes | C | C | C | C | | | D | D | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?activeTab=summary&keyVal=OELJPQKJ8400 | 1/0656/2020/OUTM | Outline application for up to 211 dwellings, up to 4.27 hectares of commercial land (Use Classes B2, B8 and E(g)), public open space, and other associated infrastructure with all matters reserved except access. | Tier 1 | The application includes up to 211 dwellings, circa 3.2 ha of employment uses, public open space and associated infrastructure highways, footpaths and drainage. | 19.9 | 0.7 | 0.7 | 3.1 | 5.3 | Permitted | 243758 | 125385 | Yes | Yes | C | C | C | C | | | D | D | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=0WVLU2QK0B000&activeTab=summary | 1/0880/2021/FULM | Erection of 117 dwellings and associated works including site access | Tier 1 | The application site covers an area of 4.9 ha and includes the erection of 117 dwellings and associated works including site access | 4.9 | 0.7 | 0.5 | 2.0 | 6.7 | Permitted | 243358 | 128263 | Yes | Yes | C | C | C | C | | | D | D | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=0UFR291QKFGM00&activeTab=summary | 1/0682/2021/FULM | Reserved Matters (appearance, landscaping, layout and scale) application pursuant to 1/1084/2015/OUTM application for 145 dwellings, with associated public open space, play areas, landscaping and access from Cornborough Road following demolition of 2 existing dwelling. (Variation of Conditions 1 (plans schedule) and condition 2 (materials) pursuant to application 1/0363/2020/REMM) | Tier 1 | Reserved Matters (appearance, landscaping, layout and scale) application pursuant to 1/1084/2015/OUTM application for 145 dwellings, with associated public open space, play areas, landscaping and access from Cornborough Road following demolition of 2 existing dwellings (additional information) | 6.4 | 0.7 | 0.7 | 1.6 | 7.1 | Under Construction | 242979 | 128491 | Yes | Yes | C | C | C | C | | | D | D | C | C | C | C | |
| Torrige District Council | https://publicaccess.torrige.gov.uk/online-applications/applicationDetails.do?keyVal=0I76A0KKSFD00&activeTab=summary | 1/0926/2020/OUTM | Outline planning application for the erection of up to 290 dwellings, including affordable housing with public open space, landscaping and sustainable drainage system (SuDS) and two vehicular access points from Abbotsham Road. All matters reserved except access | Tier 1 | Outline planning application for the erection of up to 290 dwellings, including affordable housing with public open space, landscaping and sustainable drainage system (SuDS) and two vehicular access points from Abbotsham Road. All matters reserved except access | 18.9 | 0.6 | 0.4 | 2.0 | 6.0 | Permitted | 243396 | 126825 | Yes | Yes | C | C | C | C | | | D | D | C | C | C | C | |
| North Devon Council and Torrige District Council | https://consult.torrige.gov.uk/section/1535709191573#1535709191573 | Policy BID07 | Development Plan Allocation - BID07: Bideford Regeneration Sites | Tier 3 | Policy BID07: Bideford Regeneration Sites Regeneration and revitalisation of the town centre will be supported through schemes on the following sites, as defined on Policies Map 2, that will be delivered in a comprehensive manner: (a) East-the-Water Wharfs - a mix of housing, leisure and retail uses to improve connectivity with Bideford West and secure an active and attractive waterfront use; (b) the former Livestock Market – an extension to existing leisure and recreation facilities supported by an improved public car parking facilities; (c) the P11 – providing a range of commercial and leisure facilities supported by an at least maintained level of public car parking; bringing together a disparate range of uses to increase the areas use and attraction; (d) Bridge Street Car Parks – residential focused development with retail uses and maintained levels of public car parking, improving the intensity of site use and encouraging movement to the Pannier Market area of the town; (e) New Road (North) - development that results in an enhancement to the southern gateway to Bideford, and (f) New Road (South) - development that results in an enhancement to the southern gateway to Bideford. | 6.1 | 0.8 | Adjacent to the Order Limits | 3.9 | 3.8 | N/A | 245440 | 126542 | Yes | Yes | D | D | C | C | | | D | D | C | C | C | C | |

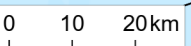
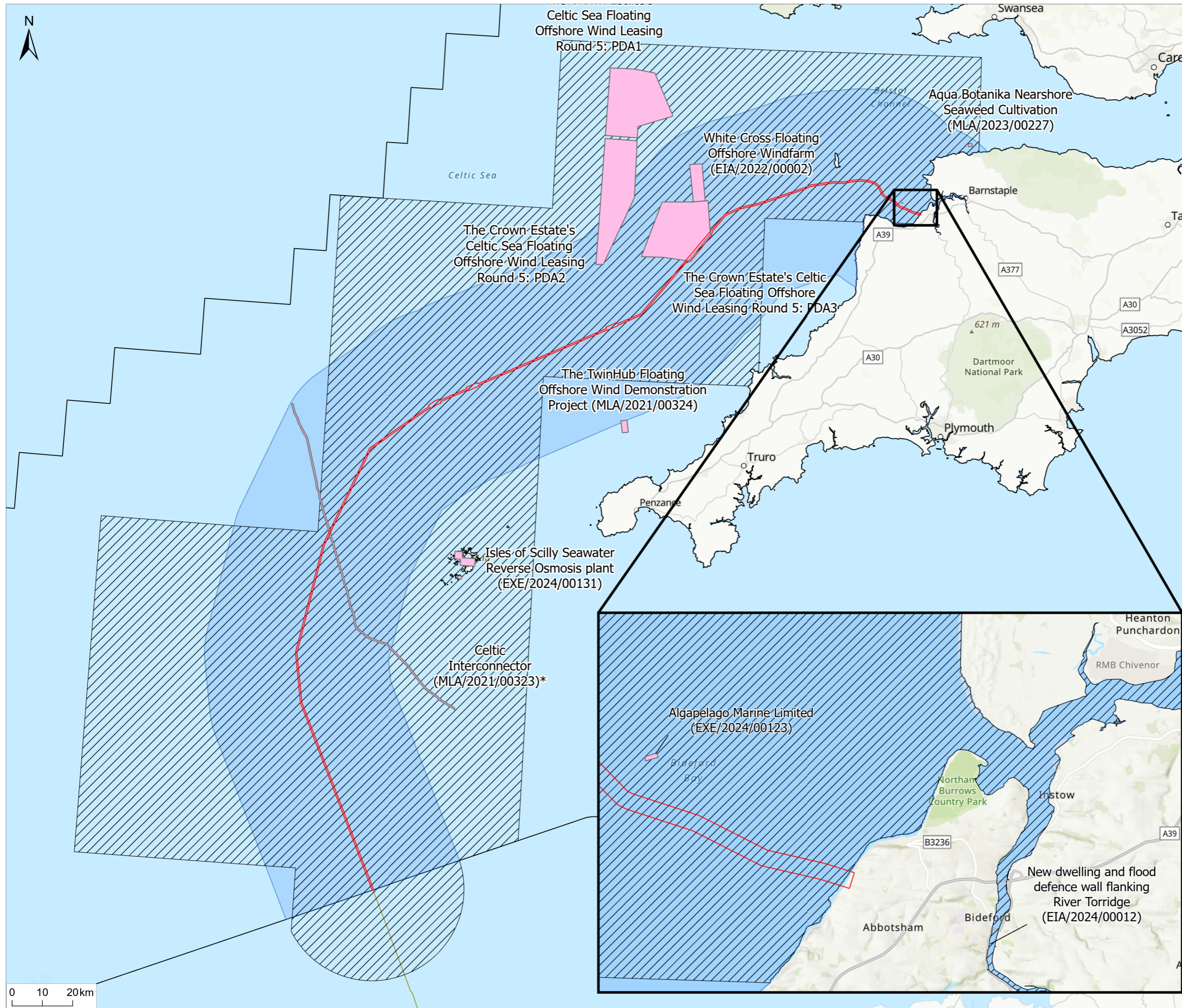
Table A.1: Onshore cumulative effects matrix - Spatial and Temporal

| | |
|---|--|
| A | Included as part of the topic baseline and hence not considered within the cumulative impact assessment. |
| B | Part of the baseline but has an ongoing impact and is therefore considered relevant to the cumulative impact assessment: Screened in to assessment. |
| C | Potential cumulative impact exists: Screened in to assessment. |
| D | No conceptual or physical effect-receptor pathway: Screened out of assessment. |
| E | Low data confidence: Screened out of assessment. |
| F | No temporal overlap: Screened out of assessment. |
| G | Project has been withdrawn from development or operational |

| Data source | External Link | Application Reference | Project/Activity Name | Tier | Capacity / Scale / Description | Site Area (ha) | Spatial Information- Proposed Development | | | | Status | Easting | Northing | Temporal overlap with Proposed Development | | Onshore environment | | | | | | | | | | |
|---|---|-----------------------|---|--------|---|----------------|--|---|-----------------------------|-----------------------------------|-----------|---------|----------|--|-----------------|-------------------------------|----------------------|--------------------------|------------------------------------|-----------------------|---------------------|-------------|-------------------------|---------------------------------------|-----------------|--------------|
| | | | | | | | Distance from Onshore Infrastructure Area (km) | Distance from Order Limits (including AIL Route Works) (km) | Distance from Landfall (km) | Distance from Converter Site (km) | | | | Construction Phase | Operation Phase | Ecology & Nature Conservation | Historic Environment | Hydrology and Flood Risk | Hydrogeology and Ground Conditions | Traffic and Transport | Noise and Vibration | Air Quality | Land-use and Recreation | Scenic and Visual Resources (onshore) | Socio-economics | Human Health |
| North Devon Council and Torridge District Council | https://consult.torridge.gov.uk/kse/event/33615/section/1535709191573#1535709191573 | Policy BAR11 | Development Plan Allocation - BAR11: Queen Street / Bear Street | Tier 3 | Policy BAR11: Queen Street / Bear Street Land between Queen Street and Bear Street, of approximately 4 hectares as shown on Policies Map 1, is identified for the expansion and enhancement of the town centre to deliver a sustainable, high quality, mixed use development that includes: (a) a mix of retail and other town centre uses that support the vitality and viability of the town centre; (b) safe and accessible pedestrian linkages through the site between Boutport Street, Queen Street and Bear Street, including improved connectivity with existing shopping frontages on the High Street, Boutport Street and with Barnstaple Bus Station; (c) provision of a short-stay car park, together with secure cycle parking, adequate service provision and traffic management measures; and (d) enhancement of the area's built heritage including the special character and appearance of the Barnstaple Town Centre and Ebbw Vale Conservation Areas. | 4.0 | 9.4 | 9.4 | 15.5 | 9.6 | N/A | 256064 | 133234 | Yes | Yes | D | D | D | D | | | D | D | D | C | C |
| North Devon Council and Torridge District Council | https://consult.torridge.gov.uk/kse/event/33615/section/1535709191573#1535709191573 | Policy BRA02 | Development Plan Allocation - Policy BRA02: Wrafton Glebe field | Tier 3 | Policy BRA02: Wrafton Glebe field A site of about 1.8 hectares at Wrafton Glebe field, as identified on Policies Map 3, is allocated for a residential development that includes: (a) approximately 50 dwellings, the size and tenure of which will be reflective of local needs; (b) vehicular access from Rectory Close Cross, incorporating improvements to the existing junction, together with the provision of a pedestrian crossing of the A361; (c) noise attenuation measures along the southern and eastern boundaries; and (d) contributions towards additional physical, social and green infrastructure within the town. | 1.7 | 9.5 | 6.3 | 10.9 | 9.7 | N/A | 249410 | 135476 | Yes | Yes | D | D | D | D | | | D | D | D | C | C |
| North Devon Council and Torridge District Council | https://consult.torridge.gov.uk/kse/event/33615/section/1535709191573#1535709191573 | Policy BAR16 | Development Plan Allocation - BAR16: Lynton and Barnstaple Railway | Tier 3 | Policy BAR16: Lynton and Barnstaple Railway (1) Land east of Pilton Causeway, as shown on Policies Map 1, is identified for a station to serve a reinstated railway line between Lynton and Barnstaple that includes: (a) provision of a locomotive shed, platform, ticket office, car parking and ancillary facilities and buildings; and (b) enhancement of the area's built heritage including the special character and appearance of the adjacent Barnstaple Town Centre and Pilton Conservation Areas. (2) The route identified for the reinstated railway line, as shown on Policies Map 1, is safeguarded from development that would prevent or jeopardise its delivery. Operational buildings and platforms alongside the reinstated railway line will reuse original or existing buildings and structures where feasible and viable. | 0.6 | 9.6 | 9.6 | 15.4 | 9.8 | N/A | 255781 | 133643 | Yes | Yes | D | D | D | D | | | D | D | D | C | C |
| North Devon Council | https://planning.northdevon.gov.uk/Planning/Display/73654 | 73654 | Erection of 65 new homes, comprising 43 new build houses alongside 22 flats converted from the former Derby Laceworks, including demolition of some ancillary outbuildings (additional information) | Tier 1 | 65 new homes, comprising 35 new build houses, alongside 22 flats and 8 townhouses converted from the former Derby Laceworks. | 1.0 | 9.9 | 9.9 | 15.8 | 10.1 | Permitted | 256114 | 133650 | Yes | Yes | D | D | D | D | | | D | D | D | D | C |
| North Devon Council | https://planning.northdevon.gov.uk/Planning/Display/78322 | 78322 | Erection of 22 affordable dwellings | Tier 1 | Application for a non-material amendment to planning permission 76674 (Variation of condition 2 (approved plans) attached to planning permission 57649 to allow amended design) in respect of revised site layout and amended design to plots 21, 22 & 23 and plots 7- 9 plans and plots 13 and 14. Application is for the development of 11 houses and 11 affordable dwellings, access road and drainage, road improvements and flood alleviation works. | 0.5 | 9.9 | 6.3 | 10.7 | 10.1 | Permitted | 248627 | 135738 | Yes | Yes | D | D | D | D | | | D | D | D | D | C |
| North Devon Council and Torridge District Council | https://consult.torridge.gov.uk/kse/event/33615/section/1535709191573#1535709191573 | Policy CLO01 | Development Plan Allocation - CLO01: Land at Lower Burscott Farmyard | Tier 3 | Policy CLO01: Land at Lower Burscott Farmyard (1) Land at Lower Burscott farmyard, Higher Clovelly, as shown on Policies Map 41A, is allocated for residential development that includes approximately 10 dwellings, with an emphasis on providing a mix of housing types and sizes to reflect local need. | 0.5 | 9.9 | 6.4 | 10.2 | 17.7 | N/A | 231551 | 124253 | Yes | Yes | D | D | D | D | | | D | D | D | D | C |
| North Devon Council and Torridge District Council | https://consult.torridge.gov.uk/kse/event/33615/section/1535709191573#1535709191573 | Policy BAR01 | Development Plan Allocation - BAR01: Westacott Strategic Extension | Tier 3 | Policy BAR01: Westacott Strategic Extension (1) Land at Westacott, (about 80 hectares) as identified on Policies Map 1, is allocated for a comprehensive, sustainable, high quality, mixed use development that includes: (a) approximately 950 dwellings, the size and tenure of which will be reflective of local needs; (b) approximately 5 hectares of land for economic development; (c) a neighbourhood hub to include an additional 420 place primary school including early years and youth provision for the town, community hall, formal and informal open space and recreation and sports facilities; (d) a new park and change facility close to the A361 junction to facilitate opportunities to use public transport links between Landkey and Barnstaple; and (e) provision within the site for physical infrastructure, community facilities, and green infrastructure required by the development. | 77.2 | 10.3 | 10.3 | 17.5 | 10.6 | N/A | 258862 | 132363 | Yes | Yes | D | D | D | D | | | D | D | D | D | C |

Annex B: Offshore CEA Long List and Location Plan

\\CorplukCloud\UK-GIS01\data\70107275 - Xlinks\13_GSS\132_GIS\ArcGIS\Pro\Projects\Cumulative Assessment\794-PLN-ESH-00061 - Offshore CEA Long List.aprx



Notes
 1. This plan is scaled at paper size A3. If received electronically it is the recipient's responsibility to print to the correct scale. Only written dimensions should be used.

- Legend**
- UK Offshore Cable Corridor
 - Indicative Cable Centreline
 - UK Exclusive Economic Zone (EEZ)
 - 30km Offshore ZOI (Excluding Commercial Fisheries)
 - Commercial Fisheries ZOI
 - Offshore CEA Long List



| Rev | Description | By | CB | Date |
|-----|-------------|----|----|----------|
| P01 | FINAL | PN | MB | Nov 2024 |



Client: Xlinks 1 Limited
 Project: Xlinks' Morocco-UK Power Project
 Title: Offshore CEA Long List

Status: FINAL
 Scale @ A3: 1:1,200,000
 Date Created: Nov 2024
 Figure Number: 1.2
 Rev: P01

www.xlinks.co

