

**Rampion 2 Wind Farm
Category 6:
Environmental Statement
Volume 4, Appendix 22.15:
Biodiversity Net Gain information
(clean)**

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| D | 01/08/2024 | Deadline 6 –addition of information regarding stage specific BNG strategies to Section 5.4. | WSP | RED | RED |

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1. Introduction

1.1 Background

- 1.1.1 Rampion Extension Development Limited (RED) has made a commitment for the Rampion 2 Offshore Wind Farm ('Rampion 2' and 'the Proposed Development') to deliver a Biodiversity Net Gain (BNG) of at least 10% for all onshore and intertidal (above the low water mark) habitats subject to permanent or temporary losses as a result of the construction and operation of the Proposed Development. This BNG is measured using the Statutory Biodiversity Metric ('the metric') (Defra, 2023) (updated in 2024).
- 1.1.2 A commitment to BNG is a positive benefit of the Proposed Development, however it is not a form of mitigation. Mitigation for individual ecological features is described within [Chapter 22: Terrestrial ecology and nature conservation, Volume 2](#) (Document Reference: 6.2.22) of the ES.
- 1.1.3 BNG is calculated based on a realistic worst-case scenario based on [Chapter 4: The Proposed Development, Volume 2](#) (Document Reference: 6.2.4) of the ES and the 'Maximum design scenario' described in [Section 22.7 of Chapter 22: Terrestrial ecology and nature conservation, Volume 2](#) (Document Reference: 6.2.22) of the ES.
- 1.1.4 This Appendix should be read in conjunction with:
- [Chapter 4: The Proposed Development, Volume 2](#) (Document Reference: 6.2.4) of the ES;
 - [Chapter 22: Terrestrial ecology and nature conservation, Volume 2](#) (Document Reference: 6.2.22) of the ES;
 - [Appendix 22.1: Policy and legislation tables, Volume 4](#) (Document Reference: 6.4.22.1) of the ES; and
 - [Appendix 22.3: Extended Phase 1 habitat survey report, Volume 4](#) (Document Reference: 6.4.22.3) of the ES.

1.2 Purpose of this Appendix

- 1.2.1 This biodiversity net gain information describes the methods and results of the analysis using the metric, the assumptions used to define a realistic worst-case scenario, the approach to refining BNG calculations at the detailed design stage, approach to delivering newly created and enhanced habitats to meet the target and how these will be secured for a period of at least 30 years.

Structure of this Appendix

- 1.2.2 The remainder of the Appendix is structured as follows:
- **Section 2: Legislative and policy context;**

- **Section 3: Measuring Biodiversity Net Gain (BNG);**
- **Section 4: Biodiversity metric outputs;**
- **Section 5: Delivering Biodiversity Net Gain;**
- **Section 6: Glossary of terms and abbreviations; and**
- **Section 7: References.**

2. Legislative and policy context

2.1 Legislation and national policy

- 2.1.1 The UK Government has repeatedly expressed the need to reverse the current trend in biodiversity loss being suffered across the UK, with a move towards a transitional position of no net loss followed by a realisation of BNG within various strategy documents. The “*Natural Environment White Paper - The natural choice: securing the value of nature*” (2011) and related strategy document “*Biodiversity 2020: A system for England’s wildlife and ecosystems services*” (2011) first described a transition towards BNG (to be achieved by 2020) to be implemented via government policy (for example through describing the concept robustly in the National Planning Policy Framework (Ministry of Housing, Communities and Local Government (MHCLG), 2021)). However, there has been a realisation that the current voluntary and arbitrary system has failed to deliver the aims of the strategy. Therefore, a universal system for delivering BNG in England was described in the Department for Environment, Food and Rural Affairs (Defra)’s “*A Green Future: Our 25-year plan to improve the environment*” (2018). This has culminated in a mandatory system for BNG, being written into legislation in the Environment Act 2021. This system will differ dependent on whether the development in question is covered by the Planning Act 2008 (as amended) or the Town & Country Planning Act 1990 (as amended).
- 2.1.2 Nationally Significant Infrastructure Projects (NSIPs) will need to deliver BNG in line with the relevant National Policy Statement (NPS) (or where a BNG policy is absent a Biodiversity Gain Statement published by the Secretary of State) by November 2025. The current Overarching National Policy Statement for Energy (EN-1) was published in 2011 (Department of Energy and Climate Change (DECC)) and therefore does not include a statement regarding BNG. The replacement for this NPS (EN-1, 2024), published in March 2023 and came into force in January 2024 (Department for Energy Security and Net Zero (DESNZ)) contains a statement encouraging applicants to deliver BNG (see paragraph 4.5.5) measured using the most current version of the Defra and Natural England (2023) (updated in 2024) biodiversity metric. It also recommends delivery of BNG in a manner that best contributes to the achievement of wider strategic outcomes for biodiversity (as described in a Local Nature Recovery Strategy where available). It is expected that this will be altered to be in line with the Environment Act 2021 post the mandatory requirement coming in to force in 2025. Regardless, it is clear that Rampion 2 is not currently mandated to provide BNG based on a Development Consent Order Application (DCO) in 2023.
- 2.1.3 RED is seeking to deliver a renewable energy project that provides a positive legacy for the environment, both through delivery of low carbon electricity and by mitigating and compensating for the effects associated with construction and operation. As part of this effort, RED is making a commitment, to be secured through a requirement within the DCO, to deliver a BNG for onshore habitats of at least 10% in order to deliver a positive outcome for biodiversity. RED is also seeking to front load the delivery of BNG to ensure positive environmental

enhancements are being delivered in tandem with losses occurring during the construction phase.

2.2 Local planning policy

2.2.1 **Appendix 22.1: Policy and legislation tables, Volume 4** (Document Reference: 6.4.22.1) of the ES provides local planning policy relevant to the delivery of BNG. This is both by direct references to BNG, or in older documents, references to enhance biodiversity. The relevant policies are listed below:

- Arun District Council (2018), Adopted Arun Local Plan 2011 – 2031 (July 2018) - Policy ENV DM5 Development and biodiversity;
- South Downs National Park Authority (2019), Adopted South Downs Local Plan 2014 – 2033 (July 2019) – Strategic Policy SD9 Biodiversity and geodiversity;
- Horsham District Council (2015), Horsham District Planning Framework (excluding the South Downs National Park) (2015) – Policy 31 Green infrastructure and biodiversity;
- Horsham District Council (2020) Draft Horsham District Local Plan 2019 – 2036 (2018) - Policy 31 Green infrastructure and biodiversity;
- Mid Sussex District Council (2018) Mid-Sussex District Plan 2014 – 2031 (2018) – Policy DP38 Biodiversity.

2.2.2 These policies outline the expectations of local planning authorities that the majority of developments should seek to enhance biodiversity as a matter of course, as opposed to resulting in a net deterioration of the environment.

3. Measuring Biodiversity Net Gain

- 3.1.1 The approach to BNG for the Proposed Development has been developed to be in line with the mandatory system developed by Natural England that is underpinned by the Statutory Biodiversity Metric and this Biodiversity Net Gain Information Annex should be read in conjunction with the associated guidance (Defra 2023, updated 2024). BNG is a concept that in principle is straightforward (i.e. provide more biodiversity than that which is lost to development). The metric works by considering:
- extent of habitat (measured in hectares (ha) or kilometres dependent on whether the habitat is linear or area-based);
 - how distinctive the habitat is (its complexity, rarity, diversity etc.);
 - its condition (its structure and management); and
 - its strategic location.
- 3.1.2 These elements are used both to determine the biodiversity value (measured in ‘habitat units’, ‘hedgerow units’ and/or ‘river units’ – see Table 6.1 for definitions) of the losses due to a particular development, but also the gains made from its proposed habitat enhancement and creation measures.
- 3.1.3 The biodiversity value of the gains is refined based on a number of risk multipliers that account for the difficulty of habitat creation (e.g. it is easier to create ‘medium distinctiveness’ habitats such as other neutral grassland, than a ‘very high distinctiveness’ active raised bog), the time it takes for a habitat to reach target condition (e.g. a grassland reaches target condition quicker than a woodland), the location of delivery (i.e. habitat creation local to the biodiversity loss is worth more than habitat creation unrelated to the impact) and the time of delivery (e.g. before, during or after the losses have occurred).
- 3.1.4 The metric is also framed by a set of principles that seek to ensure:
- adherence to the mitigation hierarchy (i.e., avoid, mitigate, compensate, enhance);
 - the exclusion of designated sites and irreplaceable habitats from the main calculations (encouraging their avoidance and ensuring any losses are compensated for on a case-by-case basis);
 - the “like for like or better” replacement of habitats (e.g., removal of valuable woodland, requires replacement of woodland habitat, as opposed to replacement with grassland or other habitats that may provide more biodiversity unit value per hectare of creation). These elements are known as the “trading rules” (see **Table 3-1**);
 - habitats provided to deliver BNG will be managed for a minimum period of 30 years; and
 - losses and deterioration of irreplaceable or very high distinctiveness habitat cannot be accounted for through this metric.

Table 3-1 Trading rules within the Statutory Biodiversity Metric

| Habitat distinctiveness (baseline) | Distinctiveness of replacement habitat required |
|------------------------------------|---|
| Very high | <i>“Losses are not permitted within this metric AND bespoke assessment and compensation are required.”</i> |
| High | <i>“Losses must be replaced with area units of the same habitat type.”</i> |
| Medium | <p><i>“Losses must be replaced by area units of either:</i></p> <p><i>Medium distinctiveness habitats within the same broad habitat type</i></p> <p><i>OR</i></p> <p><i>Any habitat from a higher distinctiveness band (from any broad habitat type)”</i></p> |
| Low | <i>“Losses must be replaced with area units of the same or higher distinctiveness band”</i> |
| Very low | <i>“Not applicable” (i.e., replacement not required)</i> |

3.1.5 It is also notable that this system does not remove the legal obligations with regard to protected or notable species, or statutorily designated sites. These are considered where necessary and detailed within **Chapter 22: Terrestrial ecology and nature conservation, Volume 2** (Document Reference: 6.2.22) of the ES.

3.1.6 The adoption of the metric for Rampion 2 results in the provision of a calculation of biodiversity losses due to permanent infrastructure and temporary construction works (based on a realistic worst-case scenario), and gains associated with reinstatement of habitats subject to temporary works and the creation of new habitat at the onshore substation site. Also calculated is the estimated size of the deficit¹ (measured in habitat, hedgerow and river units – referred to collectively as biodiversity units in this Appendix) that will need to be met through the purchase of biodiversity units from third party providers.

3.1.7 The following assumptions form the basis for the realistic worst-case scenario used as the basis for calculations:

- the proposed DCO Order Limits do not represent temporary habitat loss as they are drawn to enable micro-siting, the maximum design scenario (e.g., up

¹ The deficit is the number of biodiversity units required to achieve a state of no net loss (i.e. compensation) and a BNG of at least 10%. Separate deficits are calculated for habitat, hedgerow and river units.

to four cables), provide limits of deviation and different approaches to construction;

- the onshore cable corridor (where open cut trenching is proposed), trenchless crossing compounds, temporary construction compounds, temporary construction accesses and onshore substation footprint represent temporary and permanent habitat loss (operational access points are excluded as light access once or twice per year with a van or 4x4 required only, using existing tracks or driving along field edges as per current practice by land managers). Therefore, the habitats that make up these areas represent the baseline;
- within specified areas of loss, the **Vegetation Retention Plan** within **Appendix B** of the **Outline Code of Construction Practice (CoCP)** (Document Reference: 7.2) specifies those habitats that are to be retained;
- all habitat within trenchless crossing areas will be retained (other than in a small number of occurrences where a haul road is still required);
- habitats temporarily affected by construction will be reinstated within two years of loss other than in specific locations such as the onshore substation (see embedded environmental measure C-103);
- reinstated habitats (other than woodland) will be replaced with the same habitat type and at the same habitat condition as in the baseline (i.e. there is no enhancement proposed²);
- woodland (all types) lost temporarily will be replaced with scrub (due to need to protect transmission cables from root damage caused by large trees);
- areas listed on the Priority Habitat Inventory as floodplain and coastal grazing marsh that support grassland (as opposed to where arable conversion has taken place) are specified as this habitat type (i.e., not as the improved pasture shown on Phase 1 habitat maps – see **Appendix 22.3: Extended Phase 1 habitat survey report, Volume 4** (Document Reference: 6.4.22.3) of the ES;
- management of hedgerows, scrub and trees along existing tracks and highways (as per typical management to reduce overhang), or the reduction in height of hedgerows and scrub (to 0.9m) for visibility splays at access/egress points from the highway is assumed to be retained habitat (see **Outline Code of Construction Practice**) (Document Reference: 7.2);
- strategic significance has been applied to each habitat as described in **Table 4-1; Table 4-2** and **Table 4-3**. However, this has been completed without any Local Nature Recovery Strategy (LNRS) being published. Should an LNRS be published post DCO award this will be further considered during the detailed design phase (see **Section 5**); and

² No enhancement is specified as ensuring specified enhancements of biodiversity are achieved in a narrow corridor across multiple landowners is unrealistic, especially as the transmission assets will need to be sold to an Offshore Transmission Operator once completed (as per Electricity (Competitive Tenders for Offshore Transmission Licences) Regulations 2009).

- habitats that can be temporarily lost and reinstated to baseline condition within 2 years of loss are entered into the metric and shown as retained. For Rampion 2, this status has not been attributed to any habitats as the commitment to reinstate has been stated as 2 years (see **Chapter 22: Terrestrial ecology and nature conservation, Volume 2** (Document Reference: 6.2.22) of the ES) at this juncture as a detailed schedule will not be available until the detailed design phase.

4. Biodiversity Metric Outputs

4.1 Baseline conditions

- 4.1.1 A classification of the habitats on-site and their condition was undertaken between April 2020 and March 2023 (see [Appendix 22.3: Extended Phase 1 habitat survey report, Volume 4](#) (Document Reference: 6.2.22) of the ES). The approach taken to gather the ecological baseline for the sites accords with that outlined in the Chartered Institute of Ecology and Environmental Management's (CIEEM) 'Good Practice Guidelines for Habitats and Species' (2021) and generally following the condition assessment criteria as outlined in the Biodiversity Metric 4.0 Technical Annex 2 – Technical Information (Natural England and Other Parties, 2023³). As the guidelines for habitat condition have evolved over the course of the data collection period (from those published with The Biodiversity Metric 2.0, 3.1, 3.2 and 4.0), professional judgement has been used to determine a final condition status, using survey notes against the latest published criteria. This has also been necessary for areas where habitats were recorded from Public Rights of Way (PRoW) due to land access restrictions, where habitat type could be established however details underpinning habitat condition criteria could not.
- 4.1.2 The baseline conditions across the onshore cable route are expected to remain relatively static between the submission of the DCO Application and the commencement of construction works. However, some changes may occur such as changes in locations of agri-environment prescriptions, the planting of new hedgerows and changes associated with highway works or local planning applications coming forward. Given the scale of the Proposed Development and the uncertainty in what will or will not be present by the expected construction commencement in 2025 all calculations have been undertaken based on existing survey information. During the detailed design phase, a full survey of affected habitats will be undertaken using the UK Habitat Classification version 2 and the condition assessment criteria published alongside the Statutory Biodiversity Metric (Defra, 2023) (updated in 2024).
- 4.1.3 **Table 4-1 to Table 4-3** show a summary of the data input to the Statutory Biodiversity metric to form the baseline with each habitat type and its size noted, the unit value of each habitat type and information on the extent of habitat retained⁴, reinstated or permanently lost⁵. The information is presented by local authority area (Arun District (areas outside of the National Park), the South Downs National Park, Horsham District (areas outside of the National Park) and Mid-Sussex District).

³ This guidance has been used, as it was in place during the period when field survey data was being collated.

⁴ Within the metric areas referred to in this Appendix to be 'reinstated' are entered as 'Site Habitat Creation'.

⁵ Losses of habitats shown on the Outline Vegetation Retention and Removal Plan correspond to those within the analysis below, allowing for rounding error.

Table 4-1 Baseline input of area-based habitat units and habitat status following temporary and permanent habitat loss

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|--|-------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|---|
| Arun District (not including area within South Downs National Park) | | | | | | | |
| Coastal and floodplain grazing marsh (CFGM)⁶ | Moderate | 1.75 | 24.15 | 0.00 | 1.75 | 0.00 | Formally identified in local strategy. CFGM in the Arun Valley. Areas lie within Biodiversity Opportunity Areas (BOA) (namely Climping to Houghton). |
| Other neutral grassland | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Location ecologically desirable but not in local strategy. Occurs in several small patches both within and outside BOAs and the South Downs National Park (SDNP). |
| Modified grassland | Poor | 2.46 | 4.92 | 0.00 | 2.46 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |

⁶ Habitat type in the Statutory Biodiversity Metric is “Floodplain wetland mosaic and CFGM”

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|--|-----------------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|--|
| Modified grassland | Moderate | 1.05 | 4.20 | 0.00 | 1.05 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Cereal crops | Condition assessment N/A | 19.25 | 38.50 | 0.00 | 19.25 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Arable field margins tussocky⁷ | Condition assessment N/A | 0.52 | 2.08 | 0.00 | 0.52 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Ruderal / Ephemeral | Poor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target |

⁷ A proxy for habitat strips along arable field edges (a habitat that changes frequently due to typical farm management)

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|---|-------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|---|
| | | | | | | | of any BOA (although areas do overlap). |
| Bare ground | Poor | 0.08 | 0.02 | 0.00 | 0.08 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Developed land sealed surface | N/A – Other | 0.03 | 0.00 | 0.00 | 0.03 | 0.00 | Area / compensation not in local strategy / no local strategy. overlap) |
| Lowland mixed deciduous woodland | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A |
| Other woodland; broadleaved | Moderate | 0.08 | 0.70 | 0.00 | 0.08* | 0.00 | Location ecologically desirable but not in local strategy. Several woodland blocks within or close to various BOAs and / or the SDNP. *Reinstatement as mixed scrub. |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|--|-------------------|--------------|---------------|---------------------|-----------------------------|-----------------------------|---|
| Mixed scrub | Moderate | 0.07 | 0.62 | 0.00 | 0.07 | 0.00 | Location ecologically desirable but not in local strategy. Scrub within or close to various BOAs and / or the SDNP. |
| Rural tree | Good | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Location ecologically desirable but not in local strategy. |
| Arun District totals | | 25.22 | 75.19 | 0.00 | 25.22 | 0.00 | |
| South Downs National Park (including overlapping areas within Arun and Horsham Districts) | | | | | | | |
| Coastal and floodplain grazing marsh (CFGM) | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A. |
| Other neutral grassland | Moderate | 0.92 | 8.10 | 0.00 | 0.92 | 0.00 | Location ecologically desirable but not in local strategy. |
| Modified grassland | Poor | 51.08 | 102.16 | 0.00 | 51.08 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|--------------------------------------|-----------------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|--|
| | | | | | | | of any BOA (although areas do overlap). |
| Modified grassland | Moderate | 12.77 | 51.08 | 0.00 | 12.77 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Cereal crops | Condition assessment N/A | 48.18 | 96.37 | 0.00 | 48.18 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Arable field margins tussocky | Condition assessment N/A | 1.24 | 4.96 | 0.00 | 1.24 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Ruderal / Ephemeral | Poor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|---|-------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|--|
| | | | | | | | of any BOA (although areas do overlap). |
| Bare ground | Poor | 0.22 | 0.44 | 0.00 | 0.22 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Developed land sealed surface | N/A – Other | 0.16 | 0.00 | 0.00 | 0.16 | 0.00 | Area / compensation not in local strategy / no local strategy. overlap) |
| Lowland mixed deciduous woodland | Moderate | 0.06 | 0.83 | 0.00 | 0.06 | 0.00 | Formally identified in local strategy. |
| Other woodland; broadleaved | Moderate | 0.26 | 2.33 | 0.00 | 0.26 | 0.00 | Location ecologically desirable but not in local strategy. |
| Mixed scrub | Moderate | 0.76 | 6.69 | 0.00 | 0.76 | 0.00 | Location ecologically desirable but not in local strategy. |
| Rural tree | Good | 0.08 | 1.06 | 0.00 | 0.08 | 0.00 | Location ecologically desirable but not in local strategy. |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|---|-------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|---|
| South Downs Totals | | 115.74 | 274.00 | 0.00 | 115.74 | 0.00 | |
| Horsham District (not including area within South Downs National Park) | | | | | | | |
| Coastal and floodplain grazing marsh (CFGM) | Moderate | 0.75 | 10.35 | 0.00 | 0.75 | 0.00 | Formally identified in local strategy. CFGM in the Adur Valleys. Area lies within Biodiversity Opportunity Area (BOA) known as Woodmill Stream to Adur. |
| Other neutral grassland | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Location ecologically desirable but not in local strategy. Occurs in several small patches both within and outside BOAs and the South Downs National Park (SDNP). |
| Modified grassland | Poor | 13.00 | 26.00 | 0.00 | 9.40 | 3.6 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|--------------------------------------|-----------------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|--|
| Modified grassland | Moderate | 3.14 | 12.56 | 0.00 | 3.14 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Cereal crops | Condition assessment N/A | 9.75 | 19.50 | 0.00 | 3.82 | 5.93 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Arable field margins tussocky | Condition assessment N/A | 0.26 | 1.04 | 0.00 | 0.26 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Ruderal / Ephemeral | Poor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|---|-------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|--|
| Bare ground | Poor | 0.03 | 0.06 | 0.00 | 0.03 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA (although areas do overlap). |
| Developed land sealed surface | N/A – Other | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | Area / compensation not in local strategy / no local strategy. overlap) |
| Lowland mixed deciduous woodland | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Formally identified in local strategy within SDNP. Reinstated with mixed scrub. |
| Other woodland; broadleaved | Moderate | 0.08 | 0.70 | 0.00 | 0.08* | 0.00 | Location ecologically desirable but not in local strategy. Several woodland blocks within or close to various BOAs and / or the SDNP. *Reinstated with mixed scrub. |
| Mixed scrub | Moderate | 0.03 | 0.26 | 0.00 | 0.03 | 0.00 | Location ecologically desirable but not in local strategy. Scrub within or close to various BOAs and / or the SDNP. |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|--|-------------------|--------------|---------------|---------------------|-----------------------------|-----------------------------|--|
| Rural tree | Good | 0.18 | 2.38 | 0.00 | 0.18 | 0.00 | Location ecologically desirable but not in local strategy. Three individual oak trees not related to hedgerows, woodland etc. |
| Horsham District totals | | 27.39 | 72.85 | 0.00 | 17.69 | 9.53 | |
| Mid-Sussex District | | | | | | | |
| Coastal and floodplain grazing marsh (CFGM) | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A – not present. |
| Other neutral grassland | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A – not present. |
| Modified grassland | Poor | 2.91 | 5.82 | 0.00 | 2.91 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA. |
| Modified grassland | Moderate | 0.73 | 2.92 | 0.00 | 0.73 | 0.00 | Area / compensation not in local strategy / no local |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|---|-----------------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|--|
| | | | | | | | strategy. Habitat is widespread and common and not the target of any BOA. |
| Cereal crops | Condition assessment N/A | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A – not present. |
| Arable field margins tussocky | Condition assessment N/A | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A – not present. |
| Ruderal / Ephemeral | Poor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A – not present. |
| Bare ground | Poor | 0.91 | 1.82 | 0.00 | 0.91 | 0.00 | Area / compensation not in local strategy / no local strategy. Habitat is widespread and common and not the target of any BOA. |
| Developed land sealed surface | N/A – Other | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A – not present. |
| Lowland mixed deciduous woodland | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | N/A – not present. |

| Habitat type | Habitat condition | Extent (ha) | Habitat units | Areas retained (ha) | Areas to be reinstated (ha) | Areas permanently lost (ha) | Strategic significance |
|------------------------------------|-------------------|-------------|---------------|---------------------|-----------------------------|-----------------------------|--|
| Other woodland; broadleaved | Moderate | 0.12 | 1.06 | 0.00 | 0.00 | 0.12 | Location ecologically desirable but not in local strategy. |
| Mixed scrub | Moderate | 0.01 | 0.09 | 0.00 | 0.01 | 0.00 | Location ecologically desirable but not in local strategy. |
| Rural tree | Good | 0.00 | 0.000. | 0.00 | 0.00 | 0.00 | N/A – not present. |
| Mid-Sussex District totals | - | 4.68 | 11.70 | 0.00 | 4.56 | 0.12 | |

Table 4-2 Baseline input of hedgerow units and hedgerow status following temporary and permanent habitat loss

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|--|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|---|
| Arun District (not including area within South Downs National Park) | | | | | | | |
| Species-rich native hedgerow | Good | 0.0136 | 0.18 | 0.0105 | 0.0031 | 0.00 | All hedgerows / tree lines have been assumed to be 'Location ecologically desirable but not |
| Species-rich native hedgerow | Moderate | 0.0272 | 0.24 | 0.0211 | 0.0062 | 0.00 | |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|--|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|---|
| Species-rich native hedgerow | Poor | 0.0136 | 0.06 | 0.0105 | 0.0031 | 0.00 | in local strategy' to represent their importance as habitats in their own right and for connectivity. |
| Native hedgerow | Moderate | 0.0606 | 0.27 | 0.0372 | 0.0235 | 0.00 | |
| Native hedgerow (intact native hedgerow) | Poor | 0.0606 | 0.13 | 0.0372 | 0.0235 | 0.00 | |
| Native hedgerow (defunct native hedgerow) | Poor | 0.0242 | 0.05 | 0.0173 | 0.0068 | 0.00 | |
| Species-rich native hedgerow with trees | Good | 0.0031 | 0.06 | 0.0025 | 0.0006 | 0.00 | |
| Species-rich native hedgerow with trees | Moderate | 0.0062 | 0.08 | 0.0037 | 0.0025 | 0.00 | |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|--|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|--|
| Species-rich native hedgerow with trees | Poor | 0.0031 | 0.02 | 0.0025 | 0.0006 | 0.00 | |
| Native hedgerow with trees | Moderate | 0.0334 | 0.29 | 0.0136 | 0.0198 | 0.00 | |
| Native hedgerow with trees | Poor | 0.0334 | 0.15 | 0.0136 | 0.0198 | 0.00 | |
| Line of trees (broadleaved) | Moderate | 0.2364 | 1.04 | 0.1663 | 0.0701 | 0.00 | |
| Line of trees (mixed) | Moderate | 0.0173 | 0.08 | 0.0145 | 0.0029 | 0.00 | |
| Arun District totals | | 0.53 | 2.65 | 0.35 | 0.18 | 0.00 | |
| South Downs National Park (including overlapping areas of Arun and Horsham districts) | | | | | | | |
| Species-rich native hedgerow | Good | 0.1059 | 1.4 | 0.0820 | 0.0241 | 0.00 | All hedgerows / tree lines have been assumed |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|---|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|--|
| Species-rich native hedgerow | Moderate | 0.2117 | 1.86 | 0.1636 | 0.0481 | 0.00 | to be 'Location ecologically desirable but not in local strategy' to represent their importance as habitats in their own right and for connectivity. |
| Species-rich native hedgerow | Poor | 0.1059 | 0.47 | 0.0818 | 0.0241 | 0.00 | |
| Native hedgerow | Moderate | 0.4715 | 2.07 | 0.2887 | 0.1828 | 0.00 | |
| Native hedgerow (intact native hedgerow) | Poor | 0.4715 | 1.04 | 0.2887 | 0.1828 | 0.00 | |
| Native hedgerow (defunct native hedgerow) | Poor | 0.1876 | 0.41 | 0.1347 | 0.0529 | 0.00 | |
| Species-rich native hedgerow with trees | Good | 0.0241 | 0.48 | 0.0192 | 0.0048 | 0.00 | |
| Species-rich native | Moderate | 0.0481 | 0.64 | 0.0289 | 0.0192 | 0.00 | |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|---|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|------------------------|
| hedgerow with trees | | | | | | | |
| Species-rich native hedgerow with trees | Poor | 0.0241 | 0.16 | 0.0192 | 0.0048 | 0.00 | |
| Native hedgerow with trees | Moderate | 0.2598 | 2.29 | 0.1059 | 0.1540 | 0.00 | |
| Native hedgerow with trees | Poor | 0.2598 | 1.14 | 0.1059 | 0.1540 | 0.00 | |
| Line of trees (broadleaved) | Moderate | 1.0607 | 4.67 | 0.8337 | 0.2271 | 0.00 | |
| Line of trees (mixed) | Moderate | 0.0779 | 0.34 | 0.0649 | 0.0130 | 0.00 | |
| South Downs Totals | | 3.31 | 16.96 | 2.22 | 1.09 | 0.00 | |
| Horsham District (not including area within South Downs National Park) | | | | | | | |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|---|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|---|
| Species-rich native hedgerow | Good | 0.0772 | 1.02 | 0.0597 | 0.0175 | 0.00 | All hedgerows / tree lines have been assumed to be 'Location ecologically desirable but not in local strategy' to represent their importance as habitats in their own right and for connectivity. |
| Species-rich native hedgerow | Moderate | 0.1544 | 1.36 | 0.1193 | 0.0351 | 0.00 | |
| Species-rich native hedgerow | Poor | 0.0772 | 0.34 | 0.0597 | 0.0175 | 0.00 | |
| Native hedgerow | Moderate | 0.3491 | 1.51 | 0.2841 | 0.00 | 0.065 | |
| Native hedgerow (intact native hedgerow) | Poor | 0.3491 | 0.76 | 0.2841 | 0.00 | 0.065 | |
| Native hedgerow (defunct native hedgerow) | Poor | 0.1369 | 0.30 | 0.00 | 0.00 | 0.1369 | |
| Species-rich native | Good | 0.0175 | 0.35 | 0.0140 | 0.0035 | 0.00 | |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|--|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|------------------------|
| hedgerow with trees | | | | | | | |
| Species-rich native hedgerow with trees | Moderate | 0.0351 | 0.46 | 0.0211 | 0.0140 | 0.00 | |
| Species-rich native hedgerow with trees | Poor | 0.0175 | 0.12 | 0.0140 | 0.0035 | 0.00 | |
| Native hedgerow with trees | Moderate | 0.1895 | 1.67 | 0 | 0 | 0.1895 | |
| Native hedgerow with trees | Poor | 0.1895 | 0.83 | 0 | 0 | 0.1895 | |
| Line of trees (broadleaved) | Moderate | 1.0769 | 4.74 | 0.8464 | 0.2305 | 0.00 | |
| Line of trees (mixed) | Moderate | 0.0791 | 0.35 | 0.0659 | 0.0132 | 0.00 | |
| Horsham District totals | | 2.74 | 13.80 | 1.77 | 0.33 | 0.64 | |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|---|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|--|
| Mid-Sussex District | | | | | | | |
| Species-rich native hedgerow | Good | 0.0233 | 0.31 | 0.0180 | 0.0053 | 0.000 | All hedgerows / tree lines have been assumed to be 'Location ecologically desirable but not in local strategy' to represent their importance as habitats in their own right and for connectivity |
| Species-rich native hedgerow | Moderate | 0.0467 | 0.41 | 0.0360 | 0.0106 | 0.000 | |
| Species-rich native hedgerow | Poor | 0.0233 | 0.10 | 0.0180 | 0.0053 | 0.000 | |
| Native hedgerow | Moderate | 0.1039 | 0.46 | 0.0636 | 0.0403 | 0.000 | |
| Native hedgerow (intact native hedgerow) | Poor | 0.1039 | 0.23 | 0.0636 | 0.0403 | 0.000 | |
| Native hedgerow (defunct native hedgerow) | Poor | 0.0413 | 0.09 | 0.0297 | 0.0117 | 0.000 | |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|--|--------------------|-------------|----------------|----------------------|------------------------|------------------------------|------------------------|
| Species-rich native hedgerow with trees | Good | 0.0053 | 0.10 | 0.0042 | 0.0011 | 0.000 | |
| Species-rich native hedgerow with trees | Moderate | 0.0106 | 0.14 | 0.0064 | 0.0042 | 0.000 | |
| Species-rich native hedgerow with trees | Poor | 0.0053 | 0.03 | 0.0042 | 0.0011 | 0.000 | |
| Native hedgerow with trees | Moderate | 0.0572 | 0.50 | 0.0233 | 0.0339 | 0.000 | |
| Native hedgerow with trees | Poor | 0.0572 | 0.25 | 0.0233 | 0.0339 | 0.000 | |
| Line of trees (broadleaved) | Moderate | 0.0760 | 0.33 | 0.0654 | 0.0105 | 0.000 | |
| Line of trees (mixed) | Moderate | 0.0056 | 0.02 | 0.0047 | 0.0009 | 0.000 | |

| Habitat type | Hedgerow condition | Length (km) | Hedgerow units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Strategic significance |
|-----------------------------------|--------------------|---------------|----------------|----------------------|------------------------|------------------------------|------------------------|
| Mid-Sussex District totals | | 0.5596 | 2.99 | 0.3605 | 0.1991 | 0.000 | |

Table 4-3 Baseline input of river units and habitat status following temporary habitat loss

| Habitat type | River condition | Length (km) | River units | Length retained (km) | Length reinstated (km) | Length permanently lost (km) | Notes |
|--|-----------------|-------------|-------------|----------------------|------------------------|------------------------------|--|
| Arun District (not including areas within South Downs National Park) | | | | | | | |
| Other rivers and streams | Moderate | 0.03 | 0.20 | 0.00 | 0.03 | 0.00 | All streams and ditches have been assumed to be 'Location ecologically desirable but not in local strategy' to represent their importance as habitats in their own right and for connectivity. |
| Other rivers and streams | Poor | 0.03 | 0.40 | 0.00 | 0.03 | 0.00 | |
| Ditches | Poor | 0.30 | 1.32 | 0.00 | 0.30 | 0.00 | |
| Arun District totals | | 0.36 | 1.92 | 0.00 | 0.36 | 0.00 | |
| South Downs National Park (including overlapping areas of Arun and Horsham Districts) | | | | | | | |
| Other rivers and streams | Moderate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | All streams and ditches have been assumed to be 'Location ecologically |

| | | | | | | | |
|--|----------|-------------|-------------|-------------|-------------|-------------|---|
| Other rivers and streams | Poor | 0.04 | 0.53 | 0.00 | 0.04 | 0.00 | desirable but not in local strategy' to represent their importance as habitats in their own right and for connectivity. |
| Ditches | Poor | 0.04 | 0.18 | 0.00 | 0.04 | 0.00 | |
| South Downs Totals | | 0.08 | 0.71 | 0.00 | 0.08 | 0.00 | |
| Horsham District (not including areas within South Downs National Park) | | | | | | | |
| Other rivers and streams | Moderate | 0.12 | 0.79 | 0.00 | 0.12 | 0.00 | |
| Other rivers and streams | Poor | 0.08 | 1.06 | 0.00 | 0.08 | 0.00 | |
| Ditches | Poor | 0.02 | 0.09 | 0.00 | 0.02 | 0.00 | |
| Horsham District totals | | 0.22 | 1.94 | 0.00 | 0.20 | 0.00 | |

There are no watercourses within the Mid-Sussex District area under consideration.

- 4.1.4 The total number of baseline units calculated for the worst-case realistic scenario are (across Arun District (outside of the National Park), the South Downs National Park, Horsham District (outside of the National Park) and Mid-Sussex District):
- Habitat units: 433.74 (Arun District Council (ADC) = 75.19, South Downs National Park Authority (SDNPA) = 274, Horsham District Council (HDC) = 72.85, Mid Sussex District Council (MSDC) = 11.70);
 - Hedgerow units: 36.40 (ADC = 2.65, SDNPA = 16.96, HDC = 13.80, MSDC = 2.99); and
 - River units: 4.55 (ADC = 1.91, SDNPA = 0.70, HDC = 1.94, MSDC = 0.00).
- 4.1.5 The total number of units lost (net) to the Proposed Development are:
- Habitat units: 72.11 (ADC = 20.94, SDNPA = 17.87, HDC = 5.93, MSDC = 1.73);
 - Hedgerow units: 5.90 (ADC = 0.28, SDNPA = 1.43, HDC = 3.97, MSDC = 0.22); and
 - River units: 2.67 (ADC = 0.89, SDNPA = 0.44, HDC = 1.34, MSDC = 0.00).
- 4.1.6 The net losses in paragraph 4.1.5 account for temporary and permanent loss of habitat and the reinstatement of habitats within the draft Order Limits during construction. They do not include the addition of ‘new’ habitat creation at the onshore substation site at Oakendene, or within the extension of the existing National Grid Bolney substation.
- 4.1.7 At the point of DCO application – this Annex takes a simplified approach to estimating the net losses – assuming no advanced delivery of units and no time delay. At the point of DCO application, the net losses do not account for the construction schedule as it is yet to be determined (see **Chapter 4: The Proposed Development, Volume 2** (Document Reference: 6.2.4)). In reality, gains in biodiversity units will be delivered pre-commencement of construction both through advanced planting at the Oakendene substation location and through the advanced securing of biodiversity units (see Section 5). It is notable also that in reality the majority of habitats being temporarily lost to development will not be reinstated at the locations they are lost for up to two years. It is also noted that reinstatement will be completed in up to 3.5-4 years on temporary construction compounds, cable joint bays, some haul roads, some construction access roads and the landfall, as stated in Commitment C-103.s. Within the metric advanced creation of habitats and delay in creating habitats following loss can be accounted for. However, without a detailed design of each stage it is not possible to confidently make assumptions. It should be noted that final calculations based on the detailed design will underpin the final delivery of the BNG commitment and account for all advances and delays shown in the detailed delivery timetable (see **Section 5**). For clarity, no temporary loss of low distinctiveness habitat is assumed to be ‘retained’ on an assumption that it can be restored to its current condition within two years. All habitat within the working area subject to ground works has been assumed to be lost.

4.2 Habitat creation measures at onshore substation at Oakendene and existing National Grid Bolney substation

- 4.2.1 Habitat creation (see **Section 6** Glossary, **Table 6-1** for definition) at the onshore substation site at Oakendene includes elements that will be delivered prior to construction commencing, those that will follow completion of the compound fencing and sustainable drainage infrastructure and finally habitats established following completion of construction.
- 4.2.2 The habitats to be created at the onshore substation site at Oakendene include:
- Other woodland; broadleaved – 0.8ha;
 - Wet woodland – 1.9ha;
 - Mixed scrub 0.9ha; and
 - Individual trees – 9 standards to be planted.
- 4.2.3 The habitats to be created at the existing National Grid Bolney substation extension include:
- Individual trees – 31 standards to be planted.
- 4.2.4 The habitats to be created at the onshore substation site are assumed to be elements of BNG that will be secured in the long term (managed and monitored for at least 30 years) and therefore included in these outline calculations (see **Annex A**). However, this would need to be agreed with the landowner during future land rights negotiations. Any changes to the position described will be reflected in the calculations following detailed design.
- 4.2.5 The habitats to be created are outlined in **Table 4-4**. **Table 4-5** provides an overview of the losses and gains for the Proposed Development within the proposed DCO Order Limits.

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Table 4-4 Proposed area-based habitat creation and calculated units delivered at the onshore substation at Oakendene and existing National Grid Bolney substation extension

| Habitat type | Extent (ha) | Target condition | Time to target condition | Units delivered | Strategic significance |
|------------------------------------|-------------|------------------|--------------------------|-----------------|--|
| Other woodland; broadleaved | 0.8 | Moderate | 15 | 4.13 | Location ecologically desirable but not in local strategy. |
| Wet woodland | 1.9 | Moderate | 15 | 9.85 | Location ecologically desirable but not in local strategy. |
| Mixed scrub | 0.9 | Moderate | 5 | 6.63 | Location ecologically desirable but not in local strategy. |
| Individual trees | 1.5 | Moderate | 27 | 5.04 | Location ecologically desirable but not in local strategy. |
| TOTAL | 5.1 | - | - | 25.65 | |

Table 4-5 Baseline input and calculated losses and gains of biodiversity units for the Proposed Development

| Unit type | Baseline units | Post-construction units | No. of units to reach 'no net loss' ⁸ | No. of units to deliver BNG (above no net loss) | Overall shortfall of units (no net loss and BNG combined) |
|---------------------------|----------------|-------------------------|--|---|---|
| Habitat units | | | | | |
| Arun District | 75.19 | 54.25 | 20.94 | 7.52 | 28.45 |
| South Downs National Park | 274.00 | 256.13 | 17.87 | 27.40 | 45.27 |
| Horsham District | 72.85 | 66.92 | 5.93 | 7.29 | 13.22 |
| Mid-Sussex | 11.70 | 9.98 | 1.73 | 1.17 | 2.90 |
| Habitat Total | 433.74 | 387.28 | 46.47 | 43.38 | 89.84 |
| Hedgerow units | | | | | |
| Arun District | 2.65 | 2.38 | 0.28 | 0.27 | 0.54 |
| South Downs National Park | 16.96 | 15.53 | 1.43 | 1.70 | 3.12 |
| Horsham District | 13.80 | 9.83 | 3.97 | 1.38 | 5.35 |
| Mid-Sussex | 2.99 | 2.77 | 0.22 | 0.30 | 0.52 |

⁸ No net loss is the point at which the number of units lost is the same as that provided by the proposed gains (noting risks are addressed by the risk multipliers). This is the point at which any residual effects on habitats by development have been compensated for.

| Unit type | Baseline units | Post-construction units | No. of units to reach 'no net loss' ⁸⁾ | No. of units to deliver BNG (above no net loss) | Overall shortfall of units (no net loss and BNG combined) |
|---------------------------|----------------|-------------------------|---|---|---|
| Hedgerow Total | 36.40 | 30.51 | 5.90 | 3.65 | 9.53 |
| River units | | | | | |
| Arun District | 1.91 | 1.03 | 0.89 | 0.19 | 1.08 |
| South Downs National Park | 0.70 | 0.26 | 0.44 | 0.07 | 0.51 |
| Horsham District | 1.94 | 0.60 | 1.34 | 0.19 | 1.53 |
| Mid-Sussex | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| River Totals | 4.55 | 1.89 | 2.67 | 0.45 | 3.12 |

- 4.2.6 **Table 4-5** shows that there will be a net loss to biodiversity as a result of the Proposed Development without the delivery of additional off-site biodiversity units. This loss is driven by permanent habitat loss (at the onshore substation site and the connection at the existing National Grid Bolney substation) and the reduction in biodiversity caused by the risk multipliers assigned to the reinstatement works that are aiming to deliver (for the vast majority of situations) the same habitat type at the same condition as in the current baseline.
- 4.2.7 In order to satisfy trading rules⁹, particular habitat units will be required to meet the BNG commitment. These are:
- Coastal and floodplain grazing marsh;
 - Lowland mixed deciduous woodland;
 - Other woodland; broadleaved;
 - Species-rich native hedgerow with trees; and
 - Other rivers and streams.
- 4.2.8 Given the nature of some of the habitats (CFGM, lowland mixed deciduous woodland and other rivers and streams), it is likely that a large number of the units required to satisfy the trading rules will be delivered through enhancement of current habitats. This is because creation of these habitats is challenging as it is reliant on physical elements including topography (e.g., within a flood zone).
- 4.2.9 Habitat creation to deliver other types of woodland, grassland and scrub are likely to be created, leading to an overall increase in the extent of habitats that are managed for biodiversity.
- 4.2.10 The completed metric workbooks for Arun District Council (denoted by ADC), Horsham District Council (HDC), Mid-Sussex District Council (MS) and South Downs National Park (SNDP) are provided in **Annex A**.

⁹ Including additional rules around replacement of woodland of medium distinctiveness with woodland only as per Natural England and Other Parties, 2023 (User Guide - paragraph 6.8).

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5. Delivering Biodiversity Net Gain

5.1 Accounting for detailed design of the Proposed Development

- 5.1.1 The design of the onshore elements of the Proposed Development is described within [Chapter 4: The Proposed Development, Volume 2](#) (Document Reference: 6.2.4) of the ES. The onshore elements of the Proposed Development include the flexibility, within specified limits, to design the Proposed Development to correspond with the rapidly evolving nature of the renewables industry. This flexibility has implications for the extent of habitat loss, for example should the maximum number of circuits (four cables) not be required then the size of the construction working area would be reduced, as would also be apparent if the number of temporary construction compounds were reduced. Therefore, a realistic worst-case scenario has been developed to both inform the assessment within [Chapter 22: Terrestrial ecology and nature conservation, Volume 2](#) (Document Reference: 6.2.22) of the ES and the BNG calculations described within this biodiversity gain information.
- 5.1.2 However, this is likely to be an over-estimation of the losses that are likely to occur. Detailed design is likely to see the maximum design scenario reduced as efficiencies in delivery cost, schedule and electrical transmission are accounted for in detail. The mitigation hierarchy will be implemented throughout detailed design thereby attempting to limit losses through avoidance and minimisation measures. Distinct from this, but closely aligned the process will also implement the biodiversity gain hierarchy¹⁰ both during design of the infrastructure and during the design and delivery of the reinstatement, on-site habitat creation and enhancements and finally in the provision of off-site units to satisfy any shortfall.
- 5.1.3 The detailed design scenario will therefore be used to determine a more accurate estimation of the number of off-site units that will need to be delivered to ensure the commitment of delivering at least 10% BNG is met.
- 5.1.4 It is noted that the detailed design will be delivered in phases (e.g., detailed design of the onshore substation may precede that of the transmission cable). Therefore, the calculation of biodiversity losses and gains will also be delivered on a phase-by-phase basis (noting that it may make more practical sense for it to all be issued in one go for the whole project ahead of construction commencing). The issue of phase specific BNG is secured through Requirement 14 of the [Draft Development Consent Order \[REP4-004\]](#). The limits and scale of each phase is

¹⁰ The Biodiversity Hierarchy states that firstly avoidance of adverse effects on medium, high and very high distinctiveness habitats should be avoided, and if not mitigation should be provided. Secondly, in relation to all on site habitats affected compensation should be provided, where possible, in the following order; enhancement of onsite habitats, creation of new onsite habitats, allocation of registered offsite gains and finally the purchase of biodiversity credits.

not yet known and will be determined by the appointed contractor as part of the detailed design.

5.2 Timing of delivery

- 5.2.1 To avoid a deficit in biodiversity growing as the construction programme progresses, the Proposed Development will follow two courses of action.
- 5.2.2 The first is to enable a progressive reinstatement of habitats, that is secured through commitment C-103.
- 5.2.3 The second is to secure 70%¹¹ of the deficit (as calculated in **Table 4-5**— i.e., as a realistic worst-case scenario) prior to commencement of construction. Any remaining shortfall identified following detailed design will be secured prior to construction works being completed. This ensures that opportunities to deliver BNG within areas of temporary construction are retained should negotiations with the landowner be positive, for example reinstatement of a construction compound to a wildflower meadow, as opposed to an area of pasture. (It would be impossible to deliver such units in advance given that they would be in the way of the construction works).

5.3 Sourcing Biodiversity Units

- 5.3.1 RED will not seek to secure and manage land for the purposes of BNG directly. This is because the onshore transmission assets, as required by law, will need to be passed to an Offshore Transmission Owner (OFTO) once energised, who may not have the capability for ongoing management. Therefore, biodiversity units would be sourced from landowners whose land is within the Proposed DCO Order Limits via a third party (such as strategic BNG scheme or via a habitat bank) and / or habitat banks that are being set up to service the mandatory BNG market that is created through the Environment Act 2021.
- 5.3.2 RED has not secured any off-site units currently. This is because the commencement of construction is not scheduled until 2026, and the detailed design phase is scheduled to take place post-DCO award. However, discussions have been held with affected landowners and a number of stakeholders. These discussions are ongoing.
- 5.3.3 At least three landowners with interest over large land holdings (including in Biodiversity Opportunity Areas identified by the Local Nature Partnership) have expressed detailed interest to RED for the delivery of biodiversity units in support of meeting the BNG commitment.
- 5.3.4 In addition to the landowners, the following organisations have been contacted:
- The Weald to Waves Project (part of the Sussex Regeneration Collective) which is coordinating landowners and identifying opportunities for biodiversity

¹¹ It is expected that 70% of the deficit as calculated at **Table 4-5**, will likely be equivalent to that which will be necessary to provide to secure the commitment once detailed design has been completed.

enhancement and associated funding streams across an area that overlaps with the proposed DCO Order Limits. This project is in the early stage of development and therefore, marketable biodiversity units should be available at the necessary juncture to enable the Proposed Development; and

- Commercial entities involved in habitat banking who have confirmed that they are in the process of developing relationships with various landowners and projects (such as the Weald to Waves Project) to bring biodiversity units to the developing market.

5.3.5 South Downs National Park Authority and West Sussex County Council have also identified that the Sussex Nature Partnership (in collaboration with the Environment Agency) is currently in the process of identifying strategic areas for the delivery of BNG. Horsham District Council have also identified the Wilder Horsham initiative as being a potential provider.

5.3.6 The location of the biodiversity units will be important, both to minimise risk multipliers applying in the metric, but also to ensure that the positive legacy is local to the affected area. The location of the biodiversity units will be focused on areas inside or within close proximity to the proposed DCO Order Limits wherever possible¹² with the intention being to deliver proportionally within the affected Local Planning Authority areas (e.g. BNG proportionate to losses within Arun District will be provided within Arun District if possible). However, dependent on availability of biodiversity units this area could be extended across West Sussex. However, a strict prioritisation exercise will take place with units being favoured (subject to reasonable cost consideration and type of unit needed to satisfy metric trading rules) in the following order:

- within the proposed DCO Order Limits or within 2km of them on land owned / managed by affected parties (this would attract a spatial risk of 'compensation inside LPA or NCA or deemed to be sufficiently local to site of biodiversity loss'). Priority within this category would be given to any areas of land available for habitat enhancement / creation within a future Local Nature Recovery Strategy or through a strategic project;
- within 2km of the proposed DCO Order Limits on land owned / managed by those not directly affected by permanent or temporary land take due to the Proposed Development (this would attract a spatial risk of 'compensation inside LPA or NCA or deemed to be sufficiently local to site of biodiversity loss'). Priority within this category would be given to any areas of land available for habitat enhancement / creation within a future Local Nature Recovery Strategy or through a strategic project ;
- within the River Arun Lower or Adur Upper Operational Catchments (this would attract a spatial risk of 'compensation inside LPA or NCA or deemed to be sufficiently local to site of biodiversity loss'). Priority within this category would be given to any areas of land available for habitat enhancement / creation within a future Local Nature Recovery Strategy or through a strategic project ;

¹² Proximity is based on Local Planning Authority (LPA) areas and National Character Areas (NCA) within the Statutory Biodiversity Metric.

- within the National Character Areas (NCAs) of South Coast Plain, South Downs or Low Weald when in West Sussex (this would attract a spatial risk of ‘compensation inside LPA or NCA or deemed to be sufficiently local to site of biodiversity loss’). Priority within this category would be given to any areas of land available for habitat enhancement / creation within a future Local Nature Recovery Strategy or through a strategic project ; and
- within other NCAs in West Sussex (this would attract a spatial risk of ‘compensation outside LPA or NCA but in neighbouring LPA or NCA’).

5.3.7 Based on current understanding, it is likely that all required biodiversity units could be delivered within the first two bullet points in **paragraph 5.3.6**. Identifying the most appropriate biodiversity units from a long list will take into account their location, extent and linkages to other habitat complexes in the surrounding area. This is to maximise the ecological functions that they would provide within the landscape.

5.4 Securing Biodiversity Net Gain

5.4.1 Biodiversity Net Gain is secured through Requirement 14 of the **draft Development Consent Order [REP5-005]** (updated at Deadline 6). This includes for the provision of stage specific Biodiversity Net Gain Strategies.

5.4.2 The stage specific Biodiversity Net Gain strategies will be informed by a range of information that is to be gathered pre-construction. Firstly, up to date habitat survey information (see commitment C-294 of the **Commitments Register [REP5-086]** (updated at Deadline 6)) will be reported on and used to inform the detailed design for a stage (noting the implementation of the mitigation hierarchy at this point through commitment C-292) and the stage specific Vegetation Retention and Removal Plan (secured via Requirement 40 of the draft DCO) and then the BNG calculations. The baseline survey information and the losses will underpin the stage specific BNG strategies but are also associated with other pre-construction documentation secured through Requirement 14 of the **draft DCO [REP5-009]** (updated at Deadline 6), such as the stage specific Code of Construction Practices. Approaches to reinstatement and habitat creation at the onshore substation location at Oakendene will be covered in the stage specific Landscape Ecology and Management Plan secured by Requirements 8 and 12 of the **draft DCO [REP5-009]** (updated at Deadline 6).

5.4.3 Each of the stage specific BNG strategies will use this pre-construction information to provide a description of the calculations undertaken and identify the unit deficit at each stage. They will then go on to identify sources of biodiversity units within a given stage and describe these with respect to the prioritisation criteria described in Section 5.3. The biodiversity units considered for purchase would then be highlighted for discussion with the relevant local planning authority. Assuming that the highlighted biodiversity units are agreeable, these would be purchased and the resulting certificates generated through the Biodiversity Gain Site Register administered by Natural England would then be appended to the BNG strategy prior to finalisation for that stage.

5.4.4 Seventy percent of the units required would be secured in advance of the commencement of construction. ‘Secured’ in this context means that the Applicant

has purchased units and that the Seller is then under an obligation to deliver and manage them. Any remaining shortfall identified following detailed design will be secured prior to construction works being completed. This ensures that opportunities to deliver BNG within areas of temporary construction are retained should negotiations with the landowner be positive, (for example reinstatement of a construction compound to a wildflower meadow, as opposed to an area of pasture).

- 5.4.5 Habitat management and monitoring plans would either be provided by the Applicant as part of the stage specific Landscape and Ecology Management Plan (secured via Requirement 12 of the draft DCO) or appended from the relevant third-party provider. Precise timescales for delivery of the habitats acquired by the Applicant will depend on whether the units relate to habitat that has been already created or relate to habitats yet to be created in the next available planting season. Third party providers will have a maximum of 12 months from the date of acquisition of the units to deliver habitat creation works as per the mandatory system devised by Defra and Natural England.
- 5.4.6 The management and monitoring of these habitat units over a thirty year period would be secured through section 106 agreements or conservation covenants between the land owner and the relevant planning authority or other responsible body.

6. Glossary of terms and abbreviations

Table 6-1 Glossary of terms and abbreviations

| Term (acronym) | Definition |
|--|---|
| Baseline Conditions | The environment as it appears (or would appear) immediately prior to the implementation of the Proposed Development together with any known or foreseeable future changes that will take place before completion of the Proposed Development. |
| BNG | Biodiversity Net Gain |
| Code of Construction Practice (CoCP) | The code sets out the standards and procedures to which developers and contractors must adhere to when undertaking construction of major projects. This will assist with managing the environmental impacts and will identify the main responsibilities and requirements of developers and contractors in constructing their projects. |
| Development Consent Order (DCO) Application | An application for consent under the Planning Act 2008 to undertake a Nationally Significant Infrastructure Project made to the Planning Inspectorate who will consider the application and make a recommendation to the Secretary of State, who will decide on whether development consent should be granted for the Proposed Development. |
| Environmental Impact Assessment (EIA) | The process of evaluating the likely significant environmental effects of a proposed project or development over and above the existing circumstances (or 'baseline'). |
| Environmental Statement (ES) | The written output presenting the full findings of the Environmental Impact Assessment. |
| LPA | Local Planning Authority |
| Habitat creation | Habitat created within the draft Order Limits that is replacing the current habitat type. Reinstatement is the term used to note habitats that are being replaced like for like following temporary losses. |
| National Policy Statements (NPS) | Part 2 of the Planning Act 2008 sets out the national policy against which NSIP applications are assessed. NPSs set out guidance to inform the decision-making process for NSIPs. NPSs relevant to energy generation include: Overarching National Policy Statement for Energy (EN-1) (DECC, 2011a); |

| Term (acronym) | Definition |
|----------------------------------|---|
| | National Policy Statement for Renewable Energy (EN-3) (DECC, 2011b); and National Policy Statement for Electricity Networks (EN-5) (DECC, 2011c). |
| NCA | National Character Area |
| No net loss | The quantity of biodiversity units that need to be delivered to compensate for predicted losses |
| NPPF | National Planning Policy Framework |
| OFTO | Offshore Transmission Owner |
| Proposed DCO Order Limits | The proposed DCO Order Limits combines the search areas for the offshore and onshore infrastructure associated with the Proposed Development. It is defined as the area within which the Proposed Development and associated infrastructure will be located, including the temporary and permanent construction and operational work areas. |
| Proposed Development | The development that is subject to the application for development consent, as described in Chapter 4: The Proposed Development, Volume 2 of the ES (Document Reference: 6.2.4). |
| Reinstatement | Replacement of habitats temporarily lost with the same habitat type and target habitat condition as recorded in the baseline. |
| SAC | Special Area of Conservation |
| SDNPA | South Downs National Park Authority |
| | Habitat units are those measured in hectares and include habitats such as grassland, woodland and scrub. |
| | Hedgerow units are measured in kilometres and cover hedgerows and tree lines. |
| Units | River units are measured in kilometres and cover watercourses and wet ditches. |

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Annex A

Biodiversity Net Gain Metric Calculations

The Statutory Biodiversity Metric Start page

| Project details | | | |
|--|-----------------------------------|---|------|
| Planning authority: | Arun District Council | | |
| Project name: | Rampion 2 Offshore Wind Farm | | |
| Applicant: | Rampion Extension Development Ltd | | |
| Application type: | Development Consent Order | | |
| Planning application reference: | | | |
| Completed by: | Alan Kirby | | |
| Date of metric completion: | 17 April 2024 | | |
| Reviewer: | Craig Brookes | | |
| Calculation iteration: | 1 | | |
| Planning authority reviewer: | | | |
| Date of planning authority review: | | | |
| Target % net gain: | 10% | | |
| Irreplaceable habitat present at baseline: | No ✓ | | |
| Total site area - including irreplaceable habitat area (hectares): | 25.22 | Irreplaceable habitat site area (hectares): | 0.00 |
| Total off-site area - including irreplaceable habitat area (hectares): | N/A | Irreplaceable habitat area off-site (hectares): | N/A |

Main menu

Results

| Cell style conventions | |
|------------------------|--|
| | Attention required |
| | Input error/rules and principles not met |
| | Use of this cell is not appropriate |
| | Enter data |
| | Automatic lookup |
| | Result |

View all

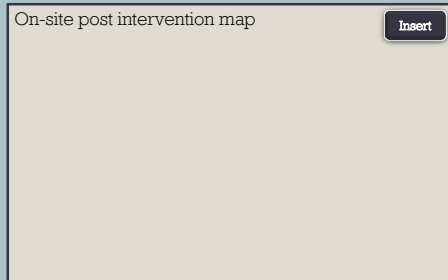
Reset view

On-site baseline map Insert



On-site baseline map reference number

On-site post intervention map Insert



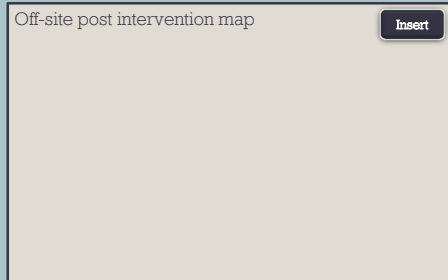
On-site post-intervention map reference number

Off-site baseline map Insert



Off-site baseline map reference number

Off-site post intervention map Insert



Off-site post-intervention reference number

Key

- Area habitats
- Hedgerows and lines of trees
- Watercourses

The Statutory Biodiversity Metric Main menu

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[Technical data](#)
[Results](#)

| Tree helper | | | | | | |
|--------------|--|---------------|----------|---------------|----------|---------------|
| Tree size | Number of trees and area (ha) for each condition state | | | | | |
| | Poor | Area | Moderate | Area | Good | Area |
| Small | | 0.0000 | | 0.0000 | | 0.0000 |
| Medium | | 0.0000 | | 0.0000 | | 0.0000 |
| Large | | 0.0000 | | 0.0000 | | 0.0000 |
| Very large | | 0.0000 | | 0.0000 | | 0.0000 |
| Total | 0 | 0.0000 | 0 | 0.0000 | 0 | 0.0000 |



On-site baseline

- A-1 On-site Area Habitat Baseline
- B-1 On-site Hedge Baseline
- C-1 On-site Watercourse Baseline

On-site post development

- A-2 On-site Area Habitat Creation
- A-3 On-site Area Habitat Enhancement
- B-2 On-site Hedge Creation
- B-3 On-site Hedge Enhancement
- C-2 On-site Watercourse Creation
- C-3 On-site Watercourse Enhancement

Off-site baseline

- D-1 Off-site Area Habitat Baseline
- E-1 Off-site Hedge Baseline
- F-1 Off-site Watercourse Baseline

Off-site post development

- D-2 Off-site Area Habitat Creation
- D-3 Off-site Area Habitat Enhancement
- E-2 Off-site Hedge Creation
- E-3 Off-site Hedge Enhancement
- F-2 Off-site Watercourse Creation
- F-3 Off-site Watercourse Enhancement

The Statutory Biodiversity Metric Results

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summaries](#)

[Off-site
summary](#)

[Irreplaceable
habitats summary](#)

[Unit shortfall
summary](#)

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Headline Results

Scroll down for final results ▲

| | | | | |
|---|-------------------|--------|---------|--|
| On-site baseline | Habitat units | 75.19 | | |
| | Hedgerow units | 2.65 | | |
| | Watercourse units | 1.91 | | |
| On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 54.25 | | |
| | Hedgerow units | 2.38 | | |
| | Watercourse units | 1.03 | | |
| On-site net change <small>(units & percentage)</small> | Habitat units | -20.94 | -27.84% | On-site net gain is less than target set ▲ |
| | Hedgerow units | -0.28 | -10.47% | On-site net gain is less than target set ▲ |
| | Watercourse units | -0.89 | -46.40% | On-site net gain is less than target set ▲ |

| | | | | |
|--|-------------------|------|-------|--|
| Off-site baseline | Habitat units | 0.00 | | |
| | Hedgerow units | 0.00 | | |
| | Watercourse units | 0.00 | | |
| Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 0.00 | | |
| | Hedgerow units | 0.00 | | |
| | Watercourse units | 0.00 | | |
| Off-site net change <small>(units & percentage)</small> | Habitat units | 0.00 | 0.00% | |
| | Hedgerow units | 0.00 | 0.00% | |
| | Watercourse units | 0.00 | 0.00% | |

| | | | |
|---|-------------------|--------|--|
| Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -20.94 | |
| | Hedgerow units | -0.28 | |
| | Watercourse units | -0.89 | |
| Spatial risk multiplier (SRM) deductions | Habitat units | 0.00 | |
| | Hedgerow units | 0.00 | |
| | Watercourse units | 0.00 | |

FINAL RESULTS

| | | | |
|--|-------------------|--------|--|
| Total net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -20.94 | |
| | Hedgerow units | -0.28 | |
| | Watercourse units | -0.89 | |

| | | | |
|---|-------------------|---------|---|
| Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -27.84% | Total net gain achieved is less than target set ▲ |
| | Hedgerow units | -10.47% | Total net gain achieved is less than target set ▲ |
| | Watercourse units | -46.40% | Total net gain achieved is less than target set ▲ |

Trading rules satisfied? **No - Check Trading Summaries ▲**

| Unit Type | Target | Baseline Units | Units Required | Unit Deficit |
|-------------------|--------|----------------|----------------|--------------|
| Habitat units | 10.00% | 75.19 | 82.71 | 28.45 |
| Hedgerow units | 10.00% | 2.65 | 2.92 | 0.54 |
| Watercourse units | 10.00% | 1.91 | 2.11 | 1.08 |

Input errors/rule breaks present in metric ▲

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Trading summary hedgerows

Trading summary watercourses

Trading Summary

| Distinctiveness Group | Trading Rule | Trading Satisfied? |
|-----------------------|--|---------------------|
| Very High | Same habitat required – bespoke compensation option Δ | Yes \checkmark |
| High | Same habitat required = | No \blacktriangle |
| Medium | Same broad habitat or a higher distinctiveness habitat required (\geq) | No \blacktriangle |
| Low | Same distinctiveness or better habitat required \geq | No \blacktriangle |

Very High Distinctiveness

| Habitat group | Group | On-site unit change | Off-site unit change | Project-wide unit change | Unit losses |
|--|-------------------------|---------------------|----------------------|--------------------------|-------------|
| Grassland - Lowland dry acid grassland | Grassland | 0.00 | 0.00 | 0.00 | |
| Grassland - Lowland meadows | Grassland | 0.00 | 0.00 | 0.00 | |
| Grassland - Upland hay meadows | Grassland | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Mountain heaths and willow scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Lakes - Aquifer fed naturally fluctuating water bodies | Lakes | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Calaminarian grasslands | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Limestone pavement | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |
| Wetland - Blanket bog | Wetland | 0.00 | 0.00 | 0.00 | |
| Wetland - Depressions on peat substrates (H7150) | Wetland | 0.00 | 0.00 | 0.00 | |
| Wetland - Fens (upland and lowland) | Wetland | 0.00 | 0.00 | 0.00 | |
| Wetland - Lowland raised bog | Wetland | 0.00 | 0.00 | 0.00 | |
| Wetland - Oceanic valley mire[1] (D2.1) | Wetland | 0.00 | 0.00 | 0.00 | |
| Wetland - Purple moor grass and rush pastures | Wetland | 0.00 | 0.00 | 0.00 | |
| Wetland - Transition mires and quaking bogs (H7140) | Wetland | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Wood-pasture and parkland | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Rocky shore - High energy littoral rock - on peat, clay or chalk | Rocky shore | 0.00 | 0.00 | 0.00 | |
| Rocky shore - Moderate energy littoral rock - on peat, clay or chalk | Rocky shore | 0.00 | 0.00 | 0.00 | |
| Rocky shore - Low energy littoral rock - on peat, clay or chalk | Rocky shore | 0.00 | 0.00 | 0.00 | |
| Rocky shore - Features of littoral rock - on peat, clay or chalk | Rocky shore | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Littoral seagrass on peat, clay or chalk | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| | | 0.00 | 0.00 | 0.00 | 0.00 |

Very High Distinctiveness Summary

| | |
|---|------|
| Very High Distinctiveness Units available to offset lower distinctiveness deficit | 0.00 |
| Remaining losses; Like for like not satisfied | 0.00 |

High Distinctiveness

| Habitat group | Group | On-site unit change | Off-site unit change | Project-wide unit change | Losses not yet accounted for |
|--|-------------------------|---------------------|----------------------|--------------------------|------------------------------|
| Grassland - Traditional orchards | Grassland | 0.00 | 0.00 | 0.00 | |
| Grassland - Floodplain wetland mosaic and CFGM | Grassland | -18.57 | 0.00 | -18.57 | -18.57 \blacktriangle |
| Grassland - Lowland calcareous grassland | Grassland | 0.00 | 0.00 | 0.00 | |
| Grassland - Tall herb communities (H6430) | Grassland | 0.00 | 0.00 | 0.00 | |
| Grassland - Upland calcareous grassland | Grassland | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Lowland Heathland | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Dunes with sea buckthorn (H2160) | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Upland heathland | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Lakes - High alkalinity lakes | Lakes | 0.00 | 0.00 | 0.00 | |
| Lakes - Low alkalinity lakes | Lakes | 0.00 | 0.00 | 0.00 | |
| Lakes - Marl lakes | Lakes | 0.00 | 0.00 | 0.00 | |
| Lakes - Moderate alkalinity lakes | Lakes | 0.00 | 0.00 | 0.00 | |
| Lakes - Peat lakes | Lakes | 0.00 | 0.00 | 0.00 | |
| Lakes - Ponds (priority habitat) | Lakes | 0.00 | 0.00 | 0.00 | |
| Lakes - Temporary lakes ponds and pools (H3170) | Lakes | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Coastal sand dunes | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Coastal vegetated shingle | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Inland rock outcrop and scree habitats | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Maritime cliff and slopes | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |
| Urban - Open mosaic habitats on previously developed land | Urban | 0.00 | 0.00 | 0.00 | |
| Wetland - Reedbeds | Wetland | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Felled/Replacement for felled woodland | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Lowland beech and yew woodland | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Lowland mixed deciduous woodland | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Native pine woodlands | Woodland and forest | 0.00 | 0.00 | 0.00 | |

High Distinctiveness Summary

| | |
|--|-------------------------|
| High Distinctiveness Units available to offset lower distinctiveness deficit | 0.00 |
| Remaining losses; Like for like not satisfied | -18.57 \blacktriangle |

| | | | | | |
|--|---------------------|--------|------|--------|--------|
| Woodland and forest - Upland birchwoods | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Upland mixed ashwoods | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Upland oakwood | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Wet woodland | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Coastal lagoons - Coastal lagoons | Coastal lagoons | 0.00 | 0.00 | 0.00 | |
| Rocky shore - High energy littoral rock | Rocky shore | 0.00 | 0.00 | 0.00 | |
| Rocky shore - Moderate energy littoral rock | Rocky shore | 0.00 | 0.00 | 0.00 | |
| Rocky shore - Low energy littoral rock | Rocky shore | 0.00 | 0.00 | 0.00 | |
| Rocky shore - Features of littoral rock | Rocky shore | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Littoral mud | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Littoral mixed sediments | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| Coastal saltmarsh - Saltmarshes and saline reedbeds | Coastal saltmarsh | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Littoral biogenic reefs - Mussels | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Littoral biogenic reefs - Sabellaria | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Features of littoral sediment | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Littoral muddy sand | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Littoral seagrass | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| | | -18.87 | 0.00 | -18.87 | -18.87 |

| Medium Distinctiveness | | | | | |
|--|----------------------------|---------------------|----------------------|--------------------------|---------------------------------|
| Habitat group | Group | On-site unit change | Off-site unit change | Project wide unit change | Cumulative broad habitat change |
| Cropland - Arable field margins cultivated annually | Cropland | 0.00 | 0.00 | 0.00 | |
| Cropland - Arable field margins game bird mix | Cropland | 0.00 | 0.00 | 0.00 | -0.07 ▲ |
| Cropland - Arable field margins pollen and nectar | Cropland | 0.00 | 0.00 | 0.00 | |
| Cropland - Arable field margins tussocky | Cropland | -0.07 | 0.00 | -0.07 | |
| Grassland - Other lowland acid grassland | Grassland | 0.00 | 0.00 | 0.00 | 0.00 |
| Grassland - Other neutral grassland | Grassland | 0.00 | 0.00 | 0.00 | |
| Grassland - Upland acid grassland | Grassland | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Blackthorn scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 | 0.49 ✓ |
| Heathland and shrub - Bramble scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Gorse scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Hawthorn scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Willow scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Hazel scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Mixed scrub | Heathland and shrub | 0.49 | 0.00 | 0.49 | |
| Lakes - Ponds (non-priority habitat) | Lakes | 0.00 | 0.00 | 0.00 | 0.00 |
| Lakes - Reservoirs | Lakes | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Other inland rock and scree | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | 0.00 |
| Urban - Cemeteries and churchyards | Urban | 0.00 | 0.00 | 0.00 | 0.00 |
| Urban - Biodiverse green roof | Urban | 0.00 | 0.00 | 0.00 | |
| Individual trees - Urban tree | Individual trees | 0.00 | 0.00 | 0.00 | 0.00 |
| Individual trees - Rural tree | Individual trees | 0.00 | 0.00 | 0.00 | |
| Woodland and forest - Other Scot's pine woodland | Woodland and forest | 0.00 | 0.00 | 0.00 | -0.70 ▲ |
| Woodland and forest - Other woodland; broadleaved | Woodland and forest | -0.70 | 0.00 | -0.70 | |
| Woodland and forest - Other woodland; mixed | Woodland and forest | 0.00 | 0.00 | 0.00 | |
| Intertidal sediment - Littoral coarse sediment | Intertidal sediment | 0.00 | 0.00 | 0.00 | 0.00 |
| Intertidal sediment - Littoral sand | Intertidal sediment | 0.00 | 0.00 | 0.00 | |
| Intertidal hard structures - Artificial hard structures with integrated greening of grey infrastructure (IGGI) | Intertidal hard structures | 0.00 | 0.00 | 0.00 | |
| | | -0.29 | 0.00 | -0.29 | |

| Medium Distinctiveness Summary | | |
|---|-------|---|
| Medium Distinctiveness Units available to offset Lower Distinctiveness Deficit | 0.49 | ✓ |
| Medium Distinctiveness Broad Habitat losses to be offset by trading up | -0.78 | ▲ |
| Higher Distinctiveness Surplus Units minus Medium Distinctiveness Broad Habitat Deficit | -0.78 | ▲ |
| Cumulative surplus of units | -0.29 | ▲ |

| Low Distinctiveness | | | | | |
|---|-------------------------|---------------------|----------------------|--------------------------|---|
| Habitat group | Group | On-site unit change | Off-site unit change | Project wide unit change | |
| Cropland - Cereal crops | Cropland | -1.35 | 0.00 | -1.35 | ▲ |
| Cropland - Horticulture | Cropland | 0.00 | 0.00 | 0.00 | |
| Cropland - Intensive orchards | Cropland | 0.00 | 0.00 | 0.00 | |
| Cropland - Non-cereal crops | Cropland | 0.00 | 0.00 | 0.00 | |
| Cropland - Temporary grass and clover leys | Cropland | 0.00 | 0.00 | 0.00 | |
| Cropland - Winter stubble | Cropland | 0.00 | 0.00 | 0.00 | |
| Grassland - Modified grassland | Grassland | -0.73 | 0.00 | -0.73 | ▲ |
| Grassland - Bracken | Grassland | 0.00 | 0.00 | 0.00 | |
| Heathland and shrub - Rhododendron scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 | |
| Lakes - Ornamental lake or pond | Lakes | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Ruderal/ephemeral | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |
| Sparsely vegetated land - Tall forbs | Sparsely vegetated land | 0.00 | 0.00 | 0.00 | |

| Low Distinctiveness Summary | | |
|---|-------|---|
| Low Distinctiveness net change in units | -2.08 | ▲ |
| Cumulative surplus of units | -2.08 | ▲ |

| | | | | |
|---|----------------------------|-------|------|-------|
| Urban - Bioswale | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Bare ground | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Allotments | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Facade-bound green wall | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Ground based green wall | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Ground level planters | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Other green roof | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Intensive green roof | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Introduced shrub | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Rain garden | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Actively worked sand pit quarry or open cast mine | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Sustainable drainage system | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Vacant or derelict land | Urban | 0.00 | 0.00 | 0.00 |
| Urban - Vegetated garden | Urban | 0.00 | 0.00 | 0.00 |
| Woodland and forest - Other coniferous woodland | Woodland and forest | 0.00 | 0.00 | 0.00 |
| Coastal saltmarsh - Artificial saltmarshes and saline reedbeds | Coastal saltmarsh | 0.00 | 0.00 | 0.00 |
| Intertidal sediment - Artificial littoral coarse sediment | Intertidal sediment | 0.00 | 0.00 | 0.00 |
| Intertidal sediment - Artificial littoral mud | Intertidal sediment | 0.00 | 0.00 | 0.00 |
| Intertidal sediment - Artificial littoral sand | Intertidal sediment | 0.00 | 0.00 | 0.00 |
| Intertidal sediment - Artificial littoral muddy sand | Intertidal sediment | 0.00 | 0.00 | 0.00 |
| Intertidal sediment - Artificial littoral mixed sediments | Intertidal sediment | 0.00 | 0.00 | 0.00 |
| Intertidal sediment - Artificial littoral seagrass | Intertidal sediment | 0.00 | 0.00 | 0.00 |
| Intertidal sediment - Artificial littoral biogenic reefs | Intertidal sediment | 0.00 | 0.00 | 0.00 |
| Intertidal hard structures - Artificial hard structures | Intertidal hard structures | 0.00 | 0.00 | 0.00 |
| Intertidal hard structures - Artificial features of hard structures | Intertidal hard structures | 0.00 | 0.00 | 0.00 |
| Heathland and shrub - Other sea buckthorn scrub | Heathland and shrub | 0.00 | 0.00 | 0.00 |
| | | -2.08 | 0.00 | -2.08 |

Return to results menu

Trading summary area habitats

Trading summary watercourses

Trading Summary

| Distinctiveness Group | Trading Rule | Trading Satisfied? |
|-----------------------|---|--------------------|
| Very High | Same habitat required = | Yes ✓ |
| High | Like for like or better | No ▲ |
| Medium | Same distinctiveness or better habitat required | No ▲ |
| Low | Same distinctiveness or better habitat required | No ▲ |
| Very Low | Same distinctiveness or better habitat required | Yes ✓ |

Very High Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project wide unit change |
|---|---------------------|----------------------|--------------------------|
| Species-rich native hedgerow with trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 |

Very High Distinctiveness Summary

| | |
|---|------|
| Very High Distinctiveness Units available to offset lower distinctiveness deficit | 0.00 |
| Remaining losses: Like for like not satisfied | 0.00 |

High Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project wide unit change |
|--|---------------------|----------------------|--------------------------|
| Species-rich native hedgerow with trees | -0.02 | 0.00 | -0.02 ▲ |
| Species-rich native hedgerow - associated with bank or ditch | 0.00 | 0.00 | 0.00 |
| Native hedgerow with trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 |
| | -0.02 | 0.00 | -0.02 |

High Distinctiveness Summary

| | |
|--|---------|
| High Distinctiveness Units available to offset lower distinctiveness deficit | 0.00 |
| High Distinctiveness losses to be offset by trading up | -0.02 ▲ |
| Higher Distinctiveness surplus units minus any high distinctiveness deficit | -0.02 ▲ |

Medium Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project wide unit change |
|---|---------------------|----------------------|--------------------------|
| Species-rich native hedgerow | -0.02 | 0.00 | -0.02 ▲ |
| Native hedgerow - associated with bank or ditch | 0.00 | 0.00 | 0.00 |
| Species-rich native hedgerow with trees | 0.00 | 0.00 | 0.00 |
| Ecologically valuable line of trees | 0.00 | 0.00 | 0.00 |
| Ecologically valuable line of trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 |
| | -0.02 | 0.00 | -0.02 |

Medium Distinctiveness Summary

| | |
|---|---------|
| Units available from highest distinctiveness habitats | 0.00 |
| Medium Distinctiveness net change in units | -0.02 ▲ |
| Cumulative availability of units | -0.02 ▲ |

Low Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project wide unit change |
|---|---------------------|----------------------|--------------------------|
| Native hedgerow | -0.02 | 0.00 | -0.02 ▲ |
| Line of trees | -0.16 | 0.00 | -0.16 ▲ |
| Line of trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 |
| | -0.18 | 0.00 | -0.18 |

Low Distinctiveness Summary

| | |
|---|---------|
| Low Distinctiveness net change in units | -0.18 ▲ |
| Cumulative availability of units | -0.18 ▲ |

Very Low Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project wide unit change |
|------------------------------------|---------------------|----------------------|--------------------------|
| Non-native and ornamental hedgerow | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 |

Very Low Distinctiveness Summary

| | |
|--|------|
| Very Low Distinctiveness net change in units | 0.00 |
| Cumulative availability of units | 0.00 |

Return to results menu

Trading summary area habitats

Trading summary hedgerows

Trading Summary

| Distinctiveness Group | Trading Rule | Trading Satisfied? |
|-----------------------|---|--------------------|
| Very High | Same habitat required - biotope compensation option A | Yes ✓ |
| High | Same habitat required = | No ▲ |
| Medium | Same habitat required = | No ▲ |
| Low | Better distinctiveness habitat required | Yes ✓ |

Very High Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project-wide unit change |
|------------------|---------------------|----------------------|--------------------------|
| Priority habitat | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 |

Very High Distinctiveness Summary

| | |
|---|------|
| Very High Distinctiveness Units available to offset lower distinctiveness deficit | 0.00 |
| Remaining lower. Like for like not satisfied | 0.00 |

High Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project-wide unit change |
|--------------------------|---------------------|----------------------|--------------------------|
| Other rivers and streams | -0.48 | 0.00 | -0.48 ▲ |
| | -0.48 | 0.00 | -0.48 |

High Distinctiveness Summary

| | |
|--|---------|
| High Distinctiveness Units available to offset lower distinctiveness deficit | 0.00 |
| Remaining lower. Like for like not satisfied | -0.48 ▲ |

Medium Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project wide unit change |
|---------------|---------------------|----------------------|--------------------------|
| Ditches | -0.47 | 0.00 | -0.47 ▲ |
| Canals | -0.47 | 0.00 | -0.47 |
| | -0.47 | 0.00 | -0.47 |

Medium Distinctiveness Summary

| | |
|--|---------|
| Medium Distinctiveness Units available to offset Lower Distinctiveness deficit | 0.00 |
| Remaining lower. Like for like not satisfied | -0.47 ▲ |

Low Distinctiveness

| Habitat group | On-site unit change | Off-site unit change | Project wide unit change |
|---------------|---------------------|----------------------|--------------------------|
| Culvert | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 |

Low Distinctiveness Summary

| | |
|---|------|
| Low Distinctiveness net change in units | 0.00 |
| Cumulative availability of units | 0.00 |

Project Name: Rampion 2 Offshore Wind Farm Map Reference:
A-1 On-Site Habitat Baseline

| Area habitat summary | |
|-------------------------|--------------------------------|
| Total Net Unit Change | -30.94 |
| Total Net % Change | -37.84% |
| Trading Rules Satisfied | No - check trading summaries ▲ |

Condense / Show Columns Condense / Show Rows

Main Menu

| Ref | Existing area habitats | | | | Distinctiveness | | Condition | | Strategic significance | | | Required Action to Meet Trading Rules | Ecological baseline Total habitat units |
|-----|-------------------------|------------------------------------|-----------------------|--|-----------------|-------|--------------------------|-------|--|-------------------------------|-----------------------------------|---|--|
| | Broad Habitat | Habitat Type | Irreplaceable habitat | Area (hectares) | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | Strategic significance multiplier | | |
| 1 | Grassland | Floodplain wetland mosaic and CFCM | No | 1.75 | High | 6 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | Same habitat required = | 24.15 |
| 2 | Grassland | Other neutral grassland | No | 0 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required ≥ | 0.00 |
| 3 | Grassland | Modified grassland | No | 2.46 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 4.92 |
| 4 | Grassland | Modified grassland | No | 1.05 | Low | 2 | Moderate | 2 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 4.20 |
| 5 | Cropland | Cereal crops | No | 19.25 | Low | 2 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 38.50 |
| 6 | Cropland | Arable field margin tussocky | No | 0.52 | Medium | 4 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same broad habitat or a higher distinctiveness habitat required ≥ | 2.08 |
| 7 | Sparsely vegetated land | Ruderal/Ephemeral | No | 0 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 0.00 |
| 8 | Urban | Bare ground | No | 0.01 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 0.02 |
| 9 | Urban | Developed land, sealed surface | No | 0.03 | V Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 10 | Woodland and forest | Lowland mixed deciduous woodland | No | 0 | High | 6 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | Same habitat required = | 0.00 |
| 11 | Woodland and forest | Other woodland, broadleaved | No | 0.08 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required ≥ | 0.70 |
| 12 | Heathland and shrub | Mixed scrub | No | 0.07 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required ≥ | 0.62 |
| 13 | Individual trees | Rural tree | No | 0 | Medium | 4 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required ≥ | 0.00 |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| | | | | Total habitat area | | | | | | | | | 78.19 |
| | | | | Site Area (Excluding area of individual trees, green walls, intertidal hard structures) | | | | | | | | | 25.22 |

| Area retained | Area enhanced | Baseline units retained | Baseline units enhanced | Area habitat lost | Units lost | Bespoke compensation agreed for losses of VRED or Irreplaceable habitat | Comments | | |
|---------------|---------------|-------------------------|-------------------------|-------------------|--------------|---|--|-----------------------------|--------------------------|
| | | | | | | | User comments | Planning authority comments | Habitat reference number |
| | | 0.00 | 0.00 | 1.75 | 24.15 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 2.46 | 4.92 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 1.05 | 4.20 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 19.25 | 38.50 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.52 | 2.08 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.01 | 0.02 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.03 | 0.00 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.08 | 0.70 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.07 | 0.62 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | Temporary habitat losses within ADC. No retention assumed within the working area. | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 25.22 | 78.19 | | | | |

Total area lost (excluding area of individual trees, green walls and intertidal hard structures) **25.22**

| | | | |
|---|---------------|----------|----------------|
| M² to hectares conversion tool: | Select a unit | Hectares | M ² |
|---|---------------|----------|----------------|

Project Name: Rampton 2 Offshore Wind Farm Map Reference:
A-2 On-Site Habitat Creation

Condense / Show Columns

Condense / Show Rows

Main Menu

| Area habitat summary | |
|-------------------------|--------------------------------|
| Total Net Unit Change | -20.94 |
| Total Net % Change | -17.64% |
| Trading Rules Satisfied | No - check trading summaries ▲ |
| Area Check | Area Acceptable ✓ |

Post intervention habitats

| Ref | Broad Habitat | Proposed habitat | Area (hectares) | Distinctiveness | | Condition | | Strategic significance | | | Temporal multiplier | | | Difficulty multipliers | | | Habitat units delivered | Comments | | | | | | |
|-----|-------------------------|------------------------------------|---------------------------|-----------------|-------|--------------------------|-------|--|-----------------------------------|---|------------------------------------|--|---|--|---------------------------------|---------------------------------|-----------------------------|-------------------------------|------------------------------|-------------------------------|--|-----------------------------|--------------------------|--------------|
| | | | | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance multiplier | Standard time to target condition (years) | Habitat created in advance (years) | Delay in starting habitat creation (years) | Standard or adjusted time to target condition | Final time to target condition (years) | Final time to target multiplier | Standard difficulty of creation | | Applied difficulty multiplier | Final difficulty of creation | Difficulty multiplier applied | User comments | Planning authority comments | Habitat reference number | |
| 1 | Grassland | Floodplain wetland mosaic and CFCM | 1.25 | High | 6 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | 10 | | Standard time to target condition applied | 10 | 0.700 | High | Standard difficulty applied | High | 0.33 | 5.98 | Reinstated habitat with target of reaching condition as current | | | |
| 2 | Grassland | Other neutral grassland | 0 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstated habitat with target of reaching condition as current | | | |
| 3 | Grassland | Modified grassland | 2.46 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 4.78 | Reinstated habitat with target of reaching condition as current | | | |
| 4 | Grassland | Modified grassland | 1.05 | Low | 2 | Moderate | 2 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 4 | | Standard time to target condition applied | 4 | 0.867 | Low | Standard difficulty applied | Low | 1 | 3.64 | Reinstated habitat with target of reaching condition as current | | | |
| 5 | Cropland | Cereal crops | 19.25 | Low | 2 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 37.15 | Reinstated habitat with target of reaching condition as current | | | |
| 6 | Cropland | Arable field margins tussocky | 0.52 | Medium | 4 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 2.01 | Reinstated habitat with target of reaching condition as current | | | |
| 7 | Sparsely vegetated land | Ruderal/Ephemeral | 0 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstated habitat with target of reaching condition as current | | | |
| 8 | Urban | Bare ground | 0.01 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 0.02 | Reinstated habitat with target of reaching condition as current | | | |
| 9 | Urban | Developed land sealed surface | 0.03 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 0 | | Standard time to target condition applied | 0 | 1.000 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstated habitat with target of reaching condition as current | | | |
| 10 | Heathland and shrub | Mixed scrub | 0 | Medium | 4 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | 5 | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstatement of scrub in area previously recorded as woodland | | | |
| 11 | Heathland and shrub | Mixed scrub | 0.08 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 0.59 | Reinstatement of scrub in area previously recorded as woodland | | | |
| 12 | Heathland and shrub | Mixed scrub | 0.07 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 0.52 | Reinstated habitat with target of reaching condition as current | | | |
| 13 | Individual trees | Rural tree | 0 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 27 | | Standard time to target condition applied | 27 | 0.382 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstated habitat with target of reaching reduced condition as to reach good condition takes more than 50 years | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Total habitat area | 25.22 | | | | | | | | | | | | | | | | | | | Total Units | 84.25 |

Site Area (Excluding area of individual trees, green walls, intertidal hard structures) 25.22

M² to hectares conversion tool: Select a unit: Hectares M²

Project Name: Rampion 2 Offshore Wind Farm Map Reference:
B-1 On-Site Hedge Baseline
 Condense / Show Columns Condense / Show Rows
 Main Menu

| Hedgerow summary | |
|-------------------------|------------------------------|
| Total Net Unit Change | -0.28 |
| Total Net % Change | -10.47% |
| Trading Rules Satisfied | No - check trading summary ▲ |

| Ref | Existing hedgerow habitats | | | Distinctiveness | | Condition | | Strategic significance | | | Required Action to Meet Trading Rules | Ecological baseline Total hedgerow units | Comments | | | | | | | | |
|-----|----------------------------|---|-------------|-----------------|-------|-----------|-------|---|-------------------------------|-----------------------------------|---------------------------------------|--|-----------------|-----------------|----------------|----------------|-------------|------------|---------------|-----------------------------|--------------------------|
| | Hedge number | Habitat type | Length (km) | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | Strategic significance multiplier | | | Length retained | Length enhanced | Units retained | Units enhanced | Length lost | Units lost | User comments | Planning authority comments | Habitat reference number |
| 1 | | Species-rich native hedgerow | 0.0136244 | Medium | 4 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.18 | 0.01052793 | | 0.14 | 0.00 | 0.00 | 0.04 | | | |
| 2 | | Species-rich native hedgerow | 0.0272488 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.24 | 0.02105586 | | 0.19 | 0.00 | 0.01 | 0.05 | | | |
| 3 | | Species-rich native hedgerow | 0.0136244 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.06 | 0.01052793 | | 0.05 | 0.00 | 0.00 | 0.01 | | | |
| 4 | | Native hedgerow | 0.0606904 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.27 | 0.0371574 | | 0.16 | 0.00 | 0.02 | 0.10 | | | |
| 5 | | Native hedgerow | 0.0606904 | Low | 2 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.13 | 0.0371574 | | 0.06 | 0.00 | 0.02 | 0.05 | | | |
| 6 | | Native hedgerow | 0.0241523 | Low | 2 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.05 | 0.01734012 | | 0.04 | 0.00 | 0.01 | 0.01 | | | |
| 7 | | Species-rich native hedgerow with trees | 0.0030965 | High | 6 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Like for like or better | 0.06 | 0.00247716 | | 0.05 | 0.00 | 0.00 | 0.01 | | | |
| 8 | | Species-rich native hedgerow with trees | 0.0061929 | High | 6 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Like for like or better | 0.08 | 0.00371574 | | 0.05 | 0.00 | 0.00 | 0.03 | | | |
| 9 | | Species-rich native hedgerow with trees | 0.0030965 | High | 6 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Like for like or better | 0.02 | 0.00247716 | | 0.02 | 0.00 | 0.00 | 0.00 | | | |
| 10 | | Native hedgerow with trees | 0.0334417 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.29 | 0.01362438 | | 0.12 | 0.00 | 0.02 | 0.17 | | | |
| 11 | | Native hedgerow with trees | 0.0334417 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.15 | 0.01362438 | | 0.06 | 0.00 | 0.02 | 0.09 | | | |
| 12 | | Line of trees | 0.2363836 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 1.04 | 0.16628783 | | 0.73 | 0.00 | 0.07 | 0.31 | | | |
| 13 | | Line of trees | 0.0173677 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.06 | 0.01447308 | | 0.06 | 0.00 | 0.00 | 0.01 | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | 0.53 | | | | | | | | | 2.65 | 0.35 | 0.00 | 1.74 | 0.00 | 0.18 | 0.91 | | | |

| Ref | Hwy hedge number | Proposed habitat | | Disturbance | | Condition | | Strategic significance | | | Temporal multiplier | | | | Disturbance risk multiplier | | | | Hedge value delivered | Comments | | | | | |
|-----|------------------|--------------------------------------|-------------|-------------|-------|-----------|-------|---|-----------------------------------|---|------------------------------------|--|---|--|---------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------|-------------------------------|---------------|-----------------------------|--------------------------|--|--|
| | | Habitat type | Length (m) | Disturbance | Score | Condition | Score | Strategic significance | Strategic significance multiplier | Standard Time to target condition (years) | Habitat created in advance (years) | Delay in starting habitat creation (years) | Standard or adjusted time to target condition | Final time to target condition (years) | Final time to target multiplier | Standard difficulty of creation | Applied difficulty multiplier | Final difficulty of creation | | Difficulty multiplier applied | User comments | Planning authority comments | Habitat reference number | | |
| 1 | | Species rich native hedge | 0.00096 | Medium | 4 | Good | 2 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 14 | | Standard time to target condition applied | 14 | 0.900 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 2 | | Species rich native hedge | 0.00101 | Medium | 4 | Medium | 2 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 6 | | Standard time to target condition applied | 6 | 0.917 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 3 | | Species rich native hedge | 0.00096 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 1 | | Standard time to target condition applied | 1 | 0.900 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 4 | | Native hedge | 0.00053 | Low | 2 | Medium | 2 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 6 | | Standard time to target condition applied | 6 | 0.917 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 5 | | Native hedge | 0.00053 | Low | 2 | Poor | 1 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 1 | | Standard time to target condition applied | 1 | 0.900 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 6 | | Native hedge | 0.00051 | Low | 2 | Poor | 1 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 1 | | Standard time to target condition applied | 1 | 0.900 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 7 | | Species rich native hedge with trees | 0.00013 | High | 6 | Good | 3 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 20 | | Standard time to target condition applied | 20 | 0.400 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 8 | | Species rich native hedge with trees | 0.00047 | High | 6 | Medium | 2 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 14 | | Standard time to target condition applied | 14 | 0.500 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 9 | | Species rich native hedge with trees | 0.00014 | High | 6 | Poor | 1 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 1 | | Standard time to target condition applied | 1 | 0.900 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 10 | | Native hedge with trees | 0.00012 | Medium | 4 | Medium | 2 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 10 | | Standard time to target condition applied | 10 | 0.700 | Low | Standard difficulty applied | Low | 1 | 0.12 | | | | | |
| 11 | | Native hedge with trees | 0.00013 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 1 | | Standard time to target condition applied | 1 | 0.900 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 12 | | Line of trees | 0.00016 | Low | 2 | Medium | 2 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 20 | | Standard time to target condition applied | 20 | 0.400 | Low | Standard difficulty applied | Low | 1 | 0.16 | | | | | |
| 13 | | Line of trees | 0.00089 | Low | 2 | Medium | 2 | Location ecologically desirable but not in local planning | Medium strategic significance | 1.1 | 20 | | Standard time to target condition applied | 20 | 0.400 | Low | Standard difficulty applied | Low | 1 | 0.01 | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 0.18 | | | | | | | | | | | | | | | | | | | 0.01 | | | |

Project Name: Rampion 2 Offshore Wind Farm Map
 C-1 On-Site WaterC' Baseline

| Watercourse summary | |
|-------------------------|------------------------------|
| Total Net Unit Change | -0.88 |
| Total Net % Change | -48.40% |
| Trading Rules Satisfied | No - check trading summary ▲ |

Condense / Show Columns Condense / Show Rows

Main Menu







| Existing watercourse type | | | Distinctiveness | | Condition | | Strategic significance | | | Watercourse encroachment | | Riparian encroachment | | Required Action to Meet Trading Rules | | Ecological baseline | Comments | | | | | | | | |
|---------------------------|--------------------------|------------|-----------------|-------|-----------|-------|---|-------------------------------|-----------------------------------|--------------------------|------------|---------------------------------------|------------|---------------------------------------|-------------------------|---------------------|-----------------|----------------|----------------|-------------|------------|--|---------------|-----------------------------|--------------------------|
| Ref | Watercourse type | Length (m) | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | Strategic significance multiplier | Extent of encroachment | Multiplier | Extent of encroachment for both banks | Multiplier | Required Action to Meet Trading Rules | Total watercourse units | Length retained | Length enhanced | Units retained | Units enhanced | Length Lost | Units Lost | Bespoke compensation agreed for losses of VHEH | User Comments | Planning authority comments | Habitat reference number |
| 1 | Other rivers and streams | 0.03 | High | 6 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Some habitat required = | 0.20 | | | 0.00 | 0.00 | 0.03 | 0.20 | | | | |
| 2 | Other rivers and streams | 0.03 | High | 6 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Some habitat required = | 0.40 | | | 0.00 | 0.00 | 0.03 | 0.40 | | | | |
| 3 | Ditches | 0.3 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Some habitat required = | 1.32 | | | 0.00 | 0.00 | 0.30 | 1.32 | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0.38 | | | | | | | | | | | | | 1.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.36 | 1.91 | | | | |

The Statutory Biodiversity Metric Start page

| Project details | | | |
|--|-----------------------------------|---|------|
| Planning authority: | Horsham District Council | | |
| Project name: | Rampion 2 Offshore Wind Farm | | |
| Applicant: | Rampion Extension Development Ltd | | |
| Application type: | Development Consent Order | | |
| Planning application reference: | | | |
| Completed by: | Alan Kirby | | |
| Date of metric completion: | 17 April 2024 | | |
| Reviewer: | Craig Brookes | | |
| Calculation iteration: | | | |
| Planning authority reviewer: | | | |
| Date of planning authority review: | | | |
| Target % net gain: | 10% | | |
| Irreplaceable habitat present at baseline: | No ✓ | | |
| Total site area - including irreplaceable habitat area (hectares): | 27.21 | Irreplaceable habitat site area (hectares): | 0.00 |
| Total off-site area - including irreplaceable habitat area (hectares): | N/A | Irreplaceable habitat area off-site (hectares): | N/A |

Main menu

Results

| Cell style conventions | |
|---|--|
|  | Attention required |
|  | Input error/rules and principles not met |
|  | Use of this cell is not appropriate |
|  | Enter data |
|  | Automatic lookup |
|  | Result |

View all

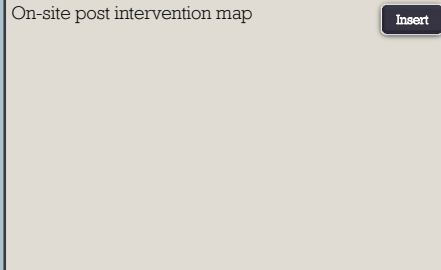
Reset view

On-site baseline map Insert



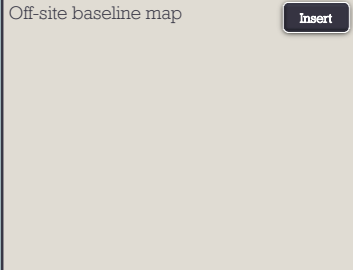
On-site baseline map reference number

On-site post intervention map Insert



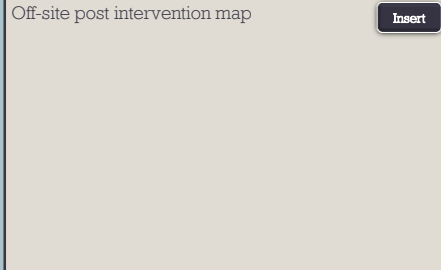
On-site post-intervention map reference number

Off-site baseline map Insert



Off-site baseline map reference number

Off-site post intervention map Insert



Off-site post-intervention reference number

Key

- Area habitats
- Hedgerows and lines of trees
- Watercourses

The Statutory Biodiversity Metric Main menu

Start page Technical data Results

| Tree helper | | | | | | |
|--------------|--|---------------|----------|---------------|----------|---------------|
| Tree size | Number of trees and area (ha) for each condition state | | | | | |
| | Poor | Area | Moderate | Area | Good | Area |
| Small | | 0.0000 | | 0.0000 | | 0.0000 |
| Medium | | 0.0000 | | 0.0000 | | 0.0000 |
| Large | | 0.0000 | | 0.0000 | | 0.0000 |
| Very large | | 0.0000 | | 0.0000 | | 0.0000 |
| Total | 0 | 0.0000 | 0 | 0.0000 | 0 | 0.0000 |

Start here!



On-site baseline

- A-1 On-site Area Habitat Baseline
- B-1 On-site Hedge Baseline
- C-1 On-site Watercourse Baseline

On-site post development

- A-2 On-site Area Habitat Creation
- A-3 On-site Area Habitat Enhancement
- B-2 On-site Hedge Creation
- B-3 On-site Hedge Enhancement
- C-2 On-site Watercourse Creation
- C-3 On-site Watercourse Enhancement

Off-site baseline

- D-1 Off-site Area Habitat Baseline
- E-1 Off-site Hedge Baseline
- F-1 Off-site Watercourse Baseline

Off-site post development

- D-2 Off-site Area Habitat Creation
- D-3 Off-site Area Habitat Enhancement
- E-2 Off-site Hedge Creation
- E-3 Off-site Hedge Enhancement
- F-2 Off-site Watercourse Creation
- F-3 Off-site Watercourse Enhancement

The Statutory Biodiversity Metric Results

[Return to start
page](#)

[Headline results](#)

[Detailed results](#)

[Habitat trading
summaries](#)

[Off-site
summary](#)

[Irreplaceable
habitats summary](#)

[Unit shortfall
summary](#)

| |
|---------------------------------|
| Rampion 2 Offshore Wind Farm |
| Headline Results |
| Scroll down for final results ▲ |

Return to results menu

| | | | | |
|---|-------------------|-------|---------|--|
| On-site baseline | Habitat units | 72.85 | | |
| | Hedgerow units | 13.80 | | |
| | Watercourse units | 1.94 | | |
| On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 66.92 | | |
| | Hedgerow units | 9.83 | | |
| | Watercourse units | 0.60 | | |
| On-site net change <small>(units & percentage)</small> | Habitat units | -5.93 | -8.15% | On-site net gain is less than target set ▲ |
| | Hedgerow units | -3.97 | -28.75% | On-site net gain is less than target set ▲ |
| | Watercourse units | -1.34 | -68.97% | On-site net gain is less than target set ▲ |

| | | | | |
|--|-------------------|------|-------|--|
| Off-site baseline | Habitat units | 0.00 | | |
| | Hedgerow units | 0.00 | | |
| | Watercourse units | 0.00 | | |
| Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 0.00 | | |
| | Hedgerow units | 0.00 | | |
| | Watercourse units | 0.00 | | |
| Off-site net change <small>(units & percentage)</small> | Habitat units | 0.00 | 0.00% | |
| | Hedgerow units | 0.00 | 0.00% | |
| | Watercourse units | 0.00 | 0.00% | |

| | | | | |
|---|-------------------|-------|--|--|
| Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -5.93 | | |
| | Hedgerow units | -3.97 | | |
| | Watercourse units | -1.34 | | |
| Spatial risk multiplier (SRM) deductions | Habitat units | 0.00 | | |
| | Hedgerow units | 0.00 | | |
| | Watercourse units | 0.00 | | |

FINAL RESULTS

| | | | | |
|--|-------------------|---------|--|---|
| Total net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -5.93 | | |
| | Hedgerow units | -3.97 | | |
| | Watercourse units | -1.34 | | |
| Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -8.15% | | Total net gain achieved is less than target set ▲ |
| | Hedgerow units | -28.75% | | Total net gain achieved is less than target set ▲ |
| | Watercourse units | -68.97% | | Total net gain achieved is less than target set ▲ |

| | |
|--------------------------|--------------------------------|
| Trading rules satisfied? | No - Check Trading Summaries ▲ |
|--------------------------|--------------------------------|

| Unit Type | Target | Baseline Units | Units Required | Unit Deficit |
|--------------------------|--------|----------------|----------------|--------------|
| <i>Habitat units</i> | 10.00% | 72.85 | 80.14 | 13.22 |
| <i>Hedgerow units</i> | 10.00% | 13.80 | 15.18 | 5.35 |
| <i>Watercourse units</i> | 10.00% | 1.94 | 2.13 | 1.53 |

Input errors/rule breaks present in metric ▲

[Return to results menu](#)

Summary Figures

| | | |
|---|-------------------|-------|
| Net project biodiversity units (Including all on-site & off-site habitat retention / creation) | Habitat units | -5.93 |
| | Hedgerow units | -3.97 |
| | Watercourse units | -1.34 |

| | | |
|--|-------------------|---------|
| Total project biodiversity % change (Including all on-site & off-site habitat creation + retained habitats) | Habitat units | -8.15% |
| | Hedgerow units | -28.75% |
| | Watercourse units | -68.97% |

| Combined habitat retention and enhancement | | | |
|--|----------|-----------|--------------|
| | Habitats | Hedgerows | Watercourses |
| Total on-site and off-site baseline area / length | 27.39 | 2.74 | 0.22 |
| Total on-site and off-site baseline units | 72.85 | 13.80 | 1.94 |
| Total on-site and off-site baseline area / length retained | 0.00 | 1.77 | 0.00 |
| Total on-site and off-site baseline units retained | 0.00 | 8.64 | 0.00 |
| Total on-site and off-site area / length proposed for enhancement | 0.00 | 0.00 | 0.00 |
| Total on-site and off-site baseline units proposed for enhancement | 0.00 | 0.00 | 0.00 |
| Total on-site and off-site baseline area / length lost | 27.39 | 0.97 | 0.22 |
| Total on-site and off-site baseline units lost | 72.85 | 5.17 | 1.94 |

Area habitats

| On-site change by broad habitat type | | | | | | |
|--------------------------------------|-----------------------|------------------------|--------------------------|------------------------|---------------------|---------------------|
| Habitat group | Baseline | | Post-development on-site | | On-site change | |
| | On-site existing area | On-site existing value | On-site proposed area | On-site proposed value | On-site area change | On-site unit change |
| Cropland | 10.01 | 20.54 | 4.08 | 8.38 | -5.93 | -12.16 |
| Grassland | 16.89 | 48.91 | 13.29 | 31.43 | -3.60 | -17.48 |
| Heathland and shrub | 0.03 | 0.26 | 1.01 | 7.44 | 0.98 | 7.17 |
| Lakes | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sparsely vegetated land | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Urban | 0.20 | 0.06 | 6.13 | 0.06 | 5.93 | 0.00 |
| Wetland | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Woodland and forest | 0.08 | 0.70 | 2.70 | 13.97 | 2.62 | 13.27 |
| Intertidal sediment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Coastal saltmarsh | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Rocky shore | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Coastal lagoons | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Intertidal hard structures | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Watercourse footprint | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Individual trees | 0.18 | 2.38 | 1.68 | 5.65 | 1.50 | 3.27 |

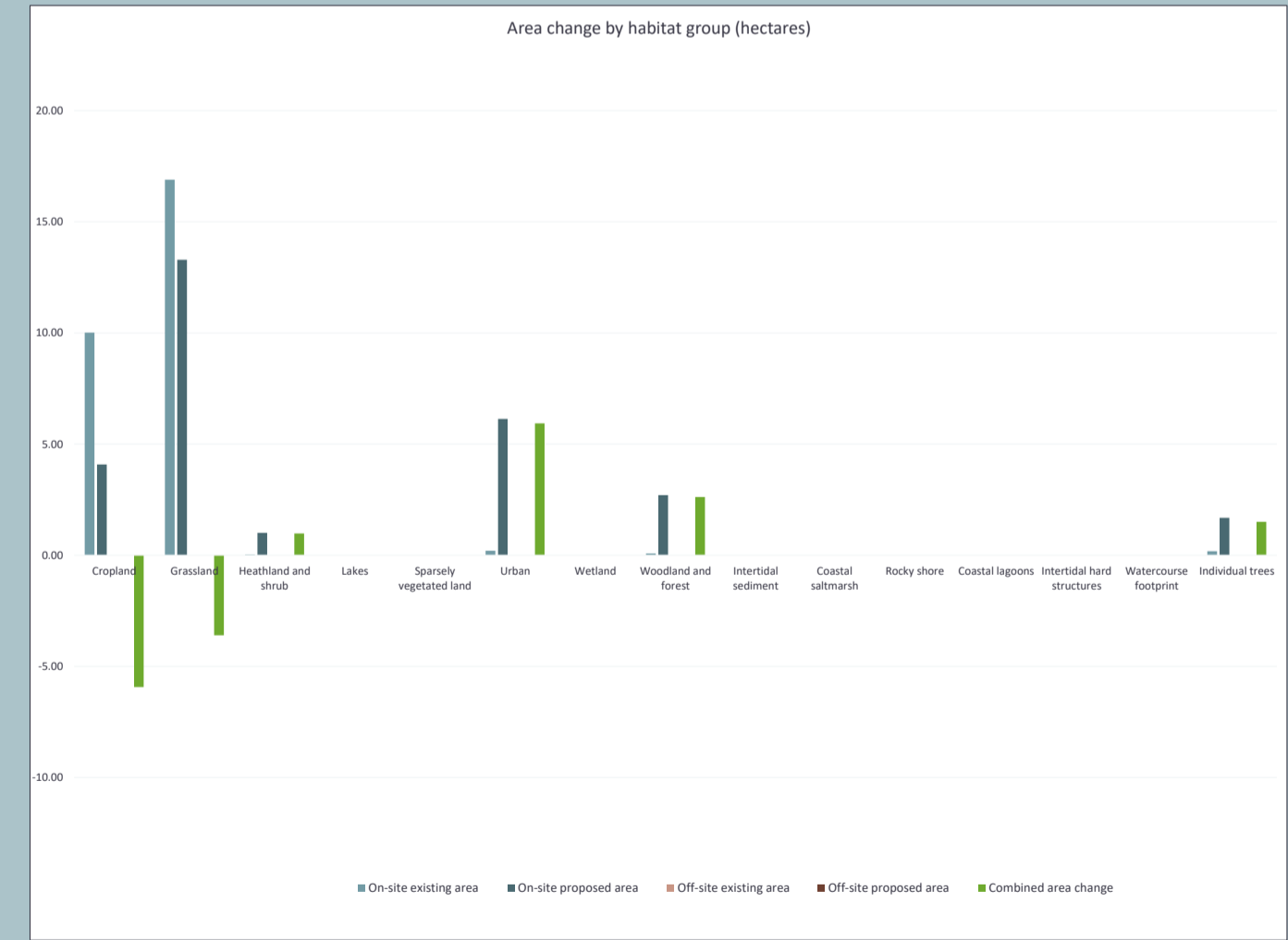
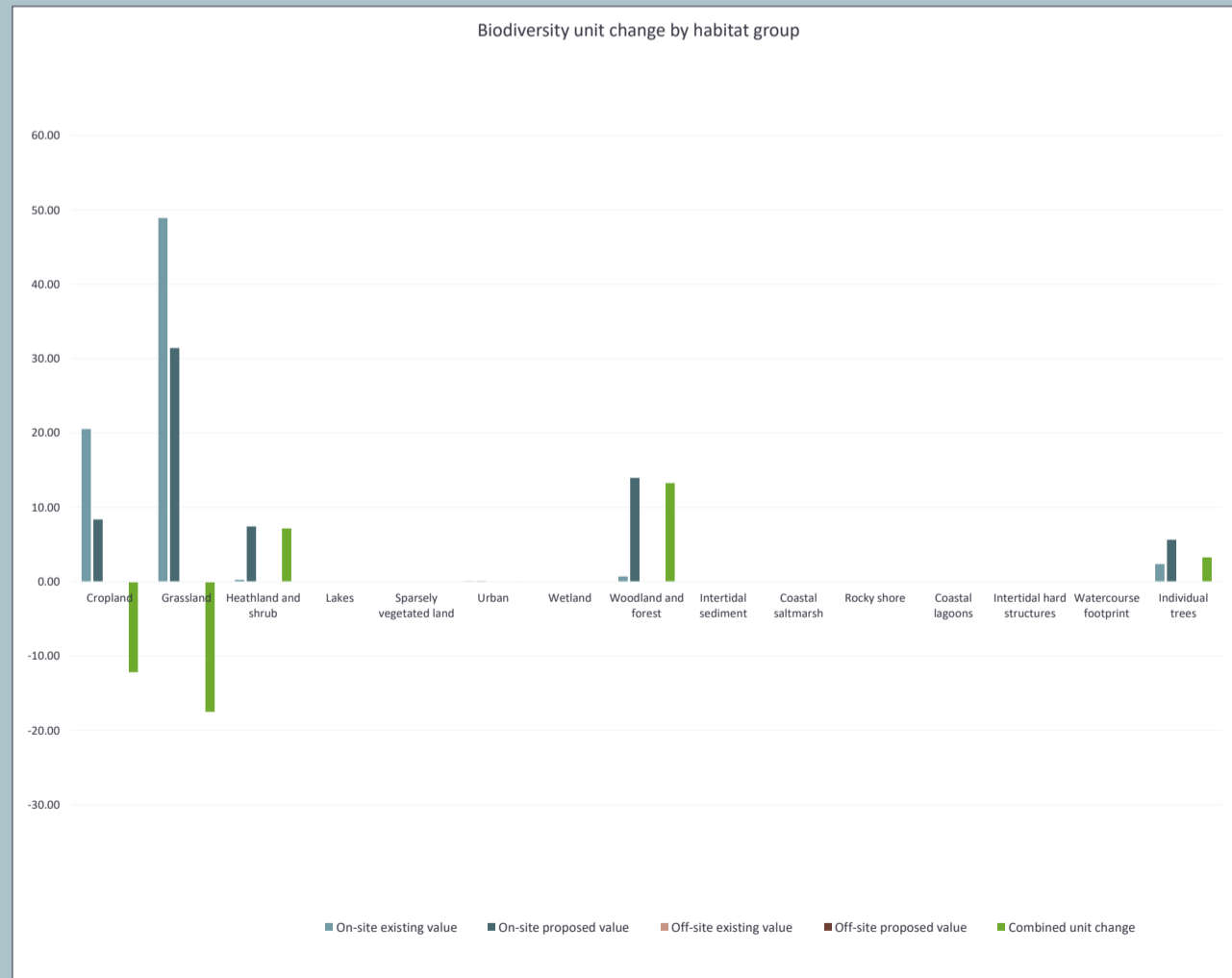
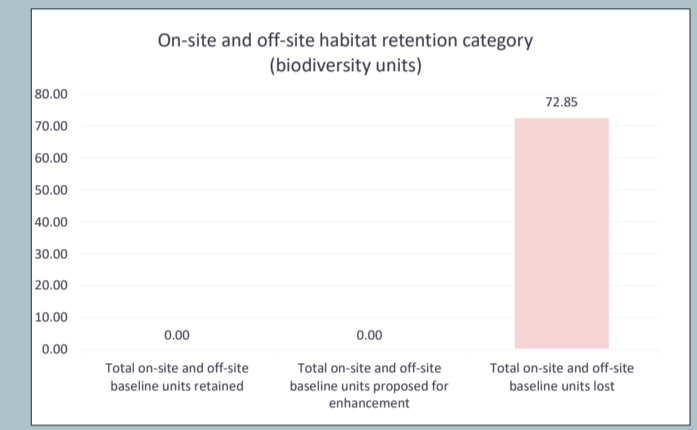
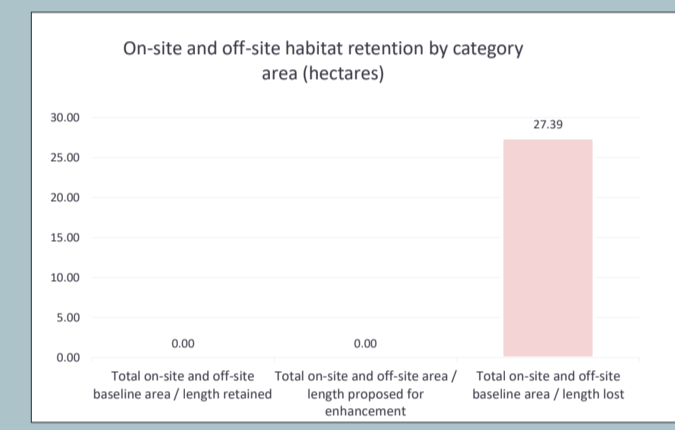
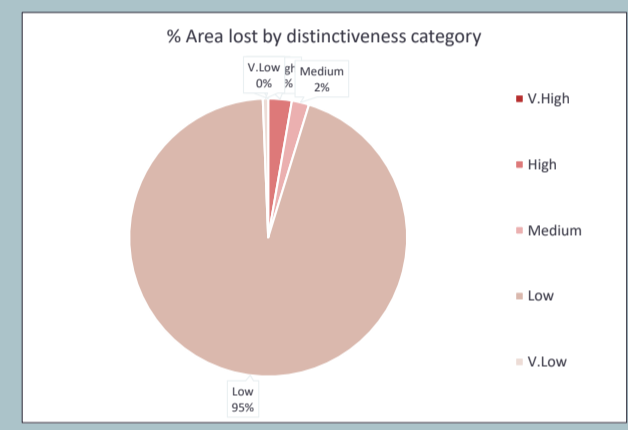
| Off-site change by broad habitat type | | | | | | |
|---------------------------------------|------------------------|-------------------------|---------------------------|-------------------------|----------------------|----------------------|
| Habitat group | Baseline | | Post-development off-site | | Off-site change | |
| | Off-site existing area | Off-site existing value | Off-site proposed area | Off-site proposed value | Off-site area change | Off-site unit change |
| Cropland | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Grassland | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Heathland and shrub | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lakes | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sparsely vegetated land | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Urban | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wetland | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Woodland and forest | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Intertidal sediment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Coastal saltmarsh | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Rocky shore | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Coastal lagoons | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Intertidal hard structures | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Watercourse footprint | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Individual trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Combined on-site and off-site change by broad habitat type | | | | | | |
|--|------------------------|-------------------------|---------------------------------------|-------------------------|----------------------|----------------------|
| Habitat group | Baseline | | On-site and off-site post-development | | Combined change | |
| | Combined existing area | Combined existing value | Combined proposed area | Combined proposed value | Combined area change | Combined unit change |
| Cropland | 10.01 | 20.54 | 4.08 | 8.38 | -5.93 | -12.16 |
| Grassland | 16.89 | 48.91 | 13.29 | 31.43 | -3.60 | -17.48 |
| Heathland and shrub | 0.03 | 0.26 | 1.01 | 7.44 | 0.98 | 7.17 |
| Lakes | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sparsely vegetated land | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Urban | 0.20 | 0.06 | 6.13 | 0.06 | 5.93 | 0.00 |
| Wetland | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Woodland and forest | 0.08 | 0.70 | 2.70 | 13.97 | 2.62 | 13.27 |
| Intertidal sediment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Coastal saltmarsh | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Rocky shore | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Coastal lagoons | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Intertidal hard structures | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Watercourse footprint | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Individual trees | 0.18 | 2.38 | 1.68 | 5.65 | 1.50 | 3.27 |

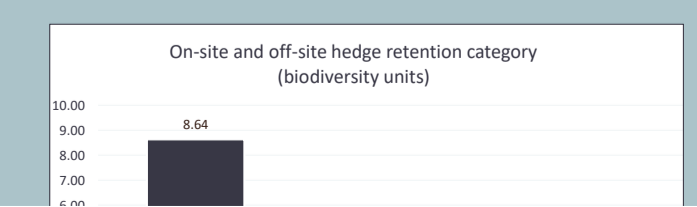
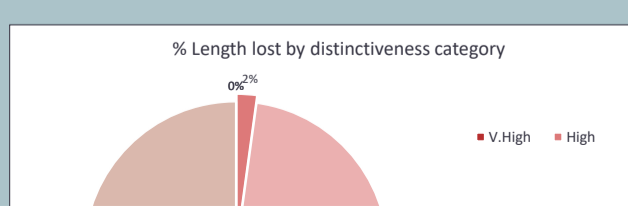
Hedgerows and lines of trees

| On-site change by hedgerow type | | | | | | |
|---|-------------------------|------------------------|--------------------------|------------------------|-----------------------|---------------------|
| Hedgerow type | Baseline | | Post-development on-site | | On-site change | |
| | On-site existing length | On-site existing value | On-site proposed length | On-site proposed value | On-site length change | On-site unit change |
| Species-rich native hedgerow with trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Combined area lost from baseline(s) by distinctiveness band | | |
|---|----------------------|---------------|
| Category | Area lost (hectares) | Area lost (%) |
| V.High | 0 | |
| High | 0.78 | 3 |
| Medium | 0.65 | 2 |
| Low | 25.92 | 95 |
| V.Low | 0.17 | 1 |

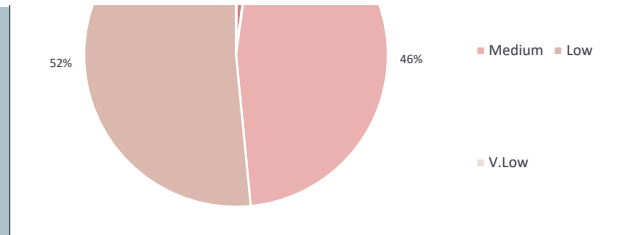


| Combined length lost from baseline(s) by distinctiveness band | | |
|---|------------------|-----------------|
| Category | Length lost (km) | Length lost (%) |
| V.High | 0 | |
| High | 0.2 | 2 |
| Medium | 0.2 | 2 |
| Low | 1.77 | 95 |
| V.Low | 0.03 | 1 |

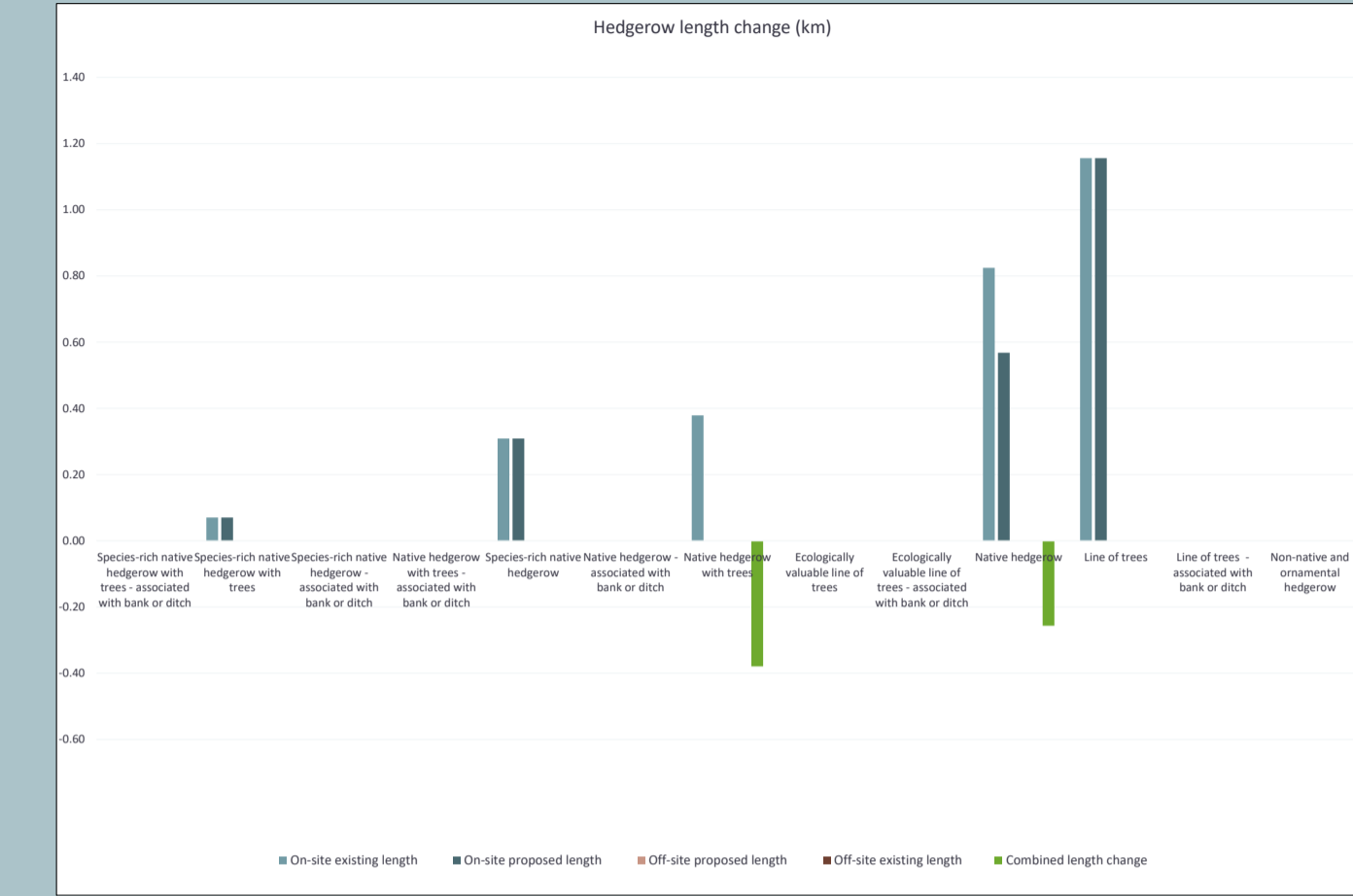
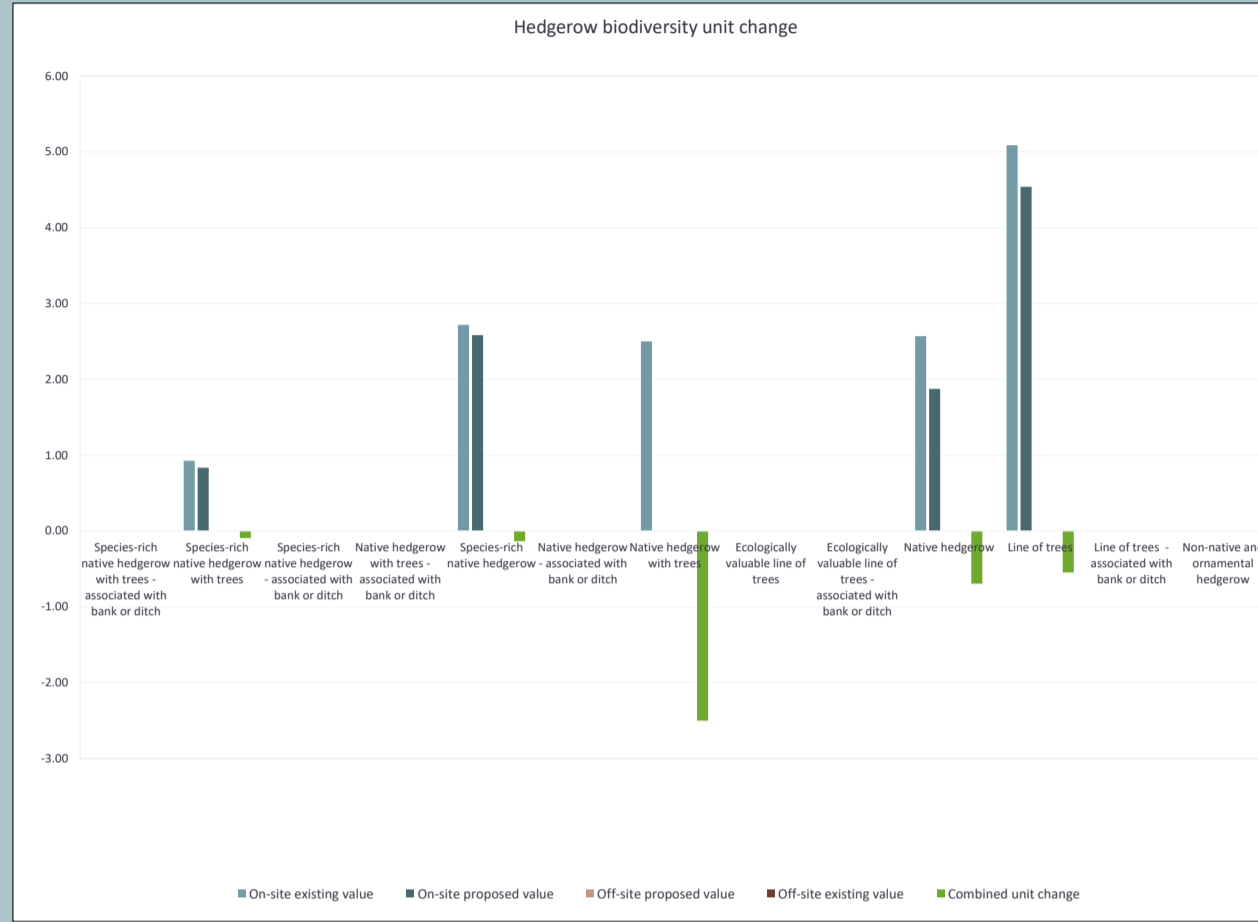


| Hedgerow type | 0.07 | 0.93 | 0.07 | 0.83 | 0.00 | -0.09 |
|---|------|------|------|------|-------|-------|
| Species-rich native hedgerow with trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Species-rich native hedgerow - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow with trees | 0.31 | 2.72 | 0.31 | 2.58 | 0.00 | -0.13 |
| Native hedgerow - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow with trees | 0.38 | 2.50 | 0.00 | 0.00 | -0.38 | -2.50 |
| Ecologically valuable line of trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ecologically valuable line of trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow | 0.82 | 2.57 | 0.57 | 1.88 | -0.28 | -0.70 |
| Line of trees | 1.16 | 5.09 | 1.16 | 4.54 | 0.00 | -0.55 |
| Line of trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Non-native and ornamental hedgerow | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | |
|--------|-------------|----|
| V.High | 0 | |
| High | 0.02105586 | 2 |
| Medium | 0.44919188 | 46 |
| Low | 0.800180438 | 52 |
| V.Low | 0 | |



| Hedgerow type | Off-site baseline | | Post-development off-site | | Off-site change | |
|---|--------------------------|-------------------------|---------------------------|-------------------------|------------------------|----------------------|
| | Off-site existing length | Off-site existing value | Off-site proposed length | Off-site proposed value | Off-site length change | Off-site unit change |
| Species-rich native hedgerow with trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Species-rich native hedgerow with trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Species-rich native hedgerow - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow with trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow with trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ecologically valuable line of trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ecologically valuable line of trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Line of trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Line of trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Non-native and ornamental hedgerow | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

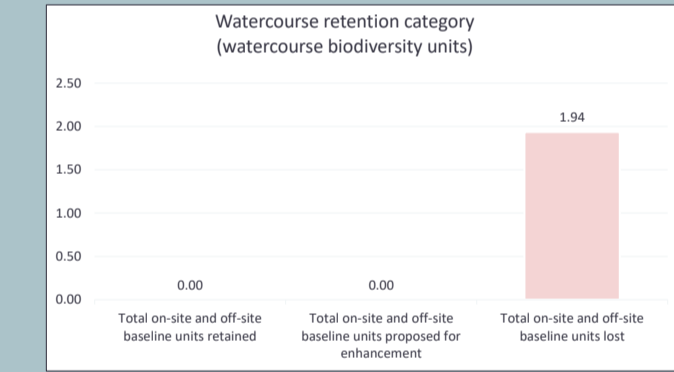
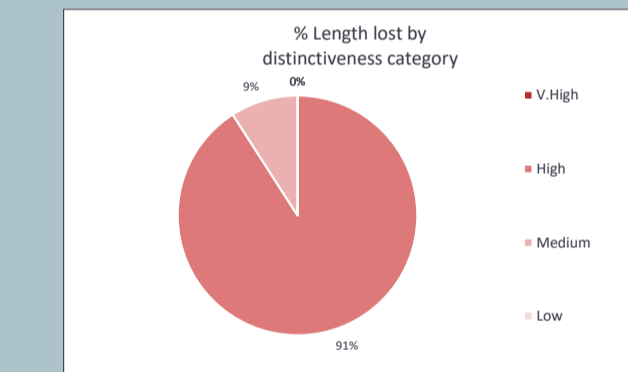


| Hedgerow type | Baseline | | Post-development | | Change | |
|---|--------------------------|-------------------------|--------------------------|-------------------------|------------------------|----------------------|
| | Combined existing length | Combined existing value | Combined proposed length | Combined proposed value | Combined length change | Combined unit change |
| Species-rich native hedgerow with trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Species-rich native hedgerow with trees | 0.07 | 0.93 | 0.07 | 0.83 | 0.00 | -0.09 |
| Species-rich native hedgerow - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow with trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow with trees | 0.31 | 2.72 | 0.31 | 2.58 | 0.00 | -0.13 |
| Native hedgerow - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow with trees | 0.38 | 2.50 | 0.00 | 0.00 | -0.38 | -2.50 |
| Ecologically valuable line of trees | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ecologically valuable line of trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Native hedgerow | 0.82 | 2.57 | 0.57 | 1.88 | -0.26 | -0.70 |
| Line of trees | 1.16 | 5.09 | 1.16 | 4.54 | 0.00 | -0.55 |
| Line of trees - associated with bank or ditch | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Non-native and ornamental hedgerow | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

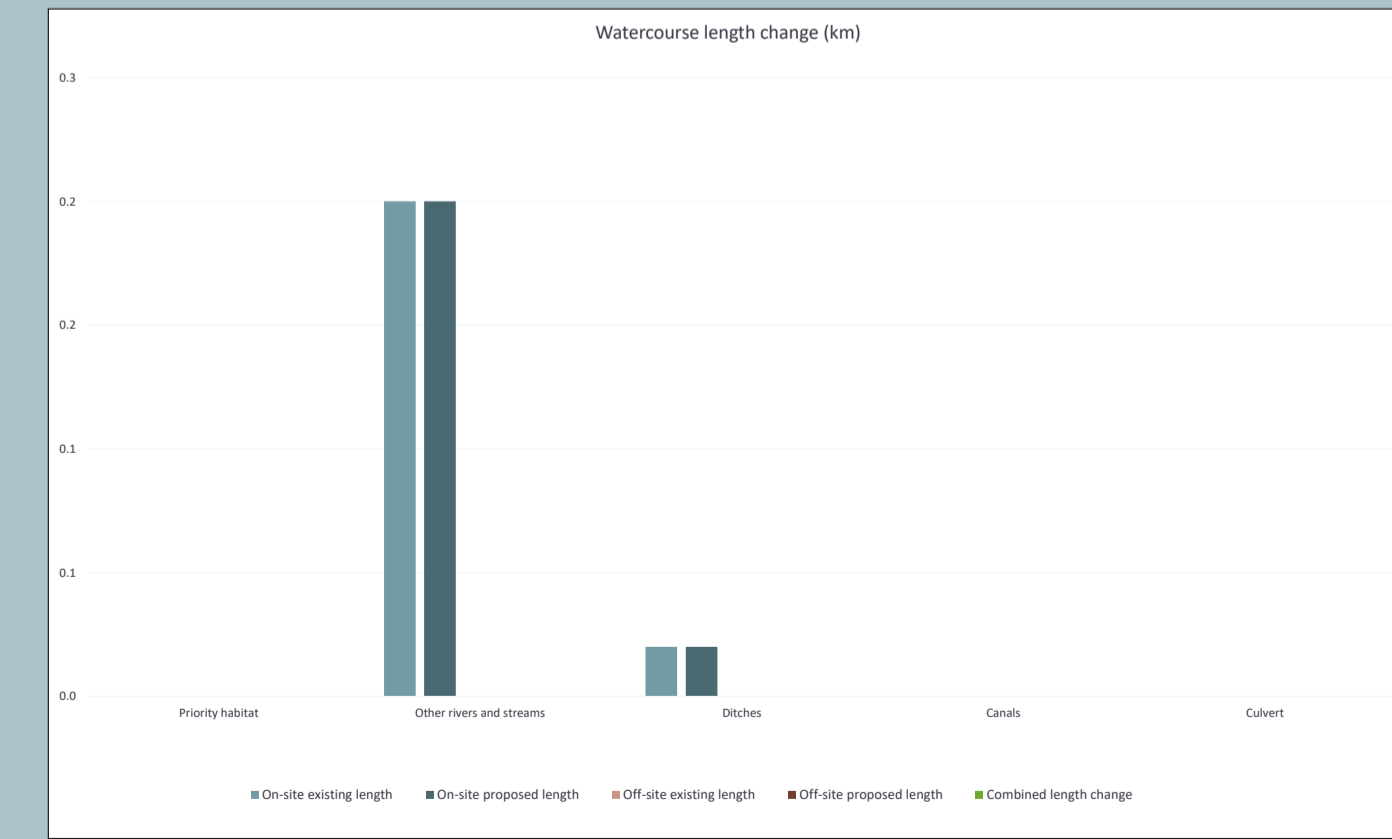
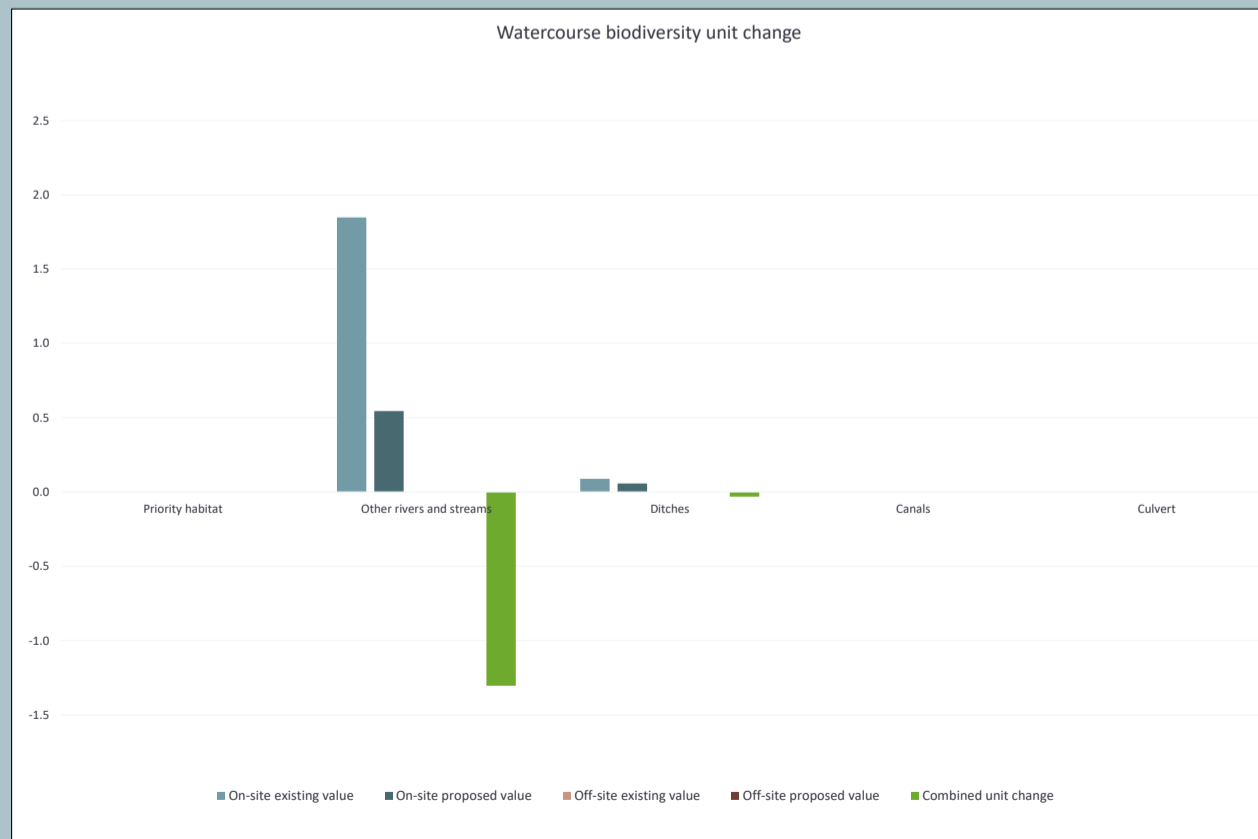
Watercourses

| Watercourse type | Baseline | | Post-development on site | | On-site Change | |
|--------------------------|-------------------------|------------------------|--------------------------|------------------------|-----------------------|---------------------|
| | On-site existing length | On-site existing value | On-site proposed length | On-site proposed value | On-site length change | On-site unit change |
| Priority habitat | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other rivers and streams | 0.2 | 1.8 | 0.2 | 0.5 | 0.0 | -1.3 |
| Ditches | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 |
| Canals | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Culvert | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Category | Length lost (km) | Length lost (%) |
|----------|------------------|-----------------|
| V.High | 0 | |
| High | 0.2 | 91 |
| Medium | 0.02 | 9 |
| Low | 0 | |



| Watercourse type | Baseline | | Post development off-site | | Off-site Change | |
|--------------------------|--------------------------|-------------------------|---------------------------|-------------------------|------------------------|----------------------|
| | Off-site existing length | Off-site existing value | Off-site proposed length | Off-site proposed value | Off-site length change | Off-site unit change |
| Priority habitat | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other rivers and streams | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ditches | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Canals | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Culvert | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



| Watercourse type | Baseline | | Post-development on-site | | On-site change | |
|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|------------------------|----------------------|
| | Combined existing length | Combined existing value | Combined proposed length | Combined proposed value | Combined length change | Combined unit change |
| Priority habitat | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other rivers and streams | 0.2 | 1.8 | 0.2 | 0.5 | 0.0 | -1.3 |
| Ditches | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 |
| Canals | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Culvert | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



Project Name: Rampion 2 Offshore Wind Farm Map Reference:
A-1 On-Site Habitat Baseline

Condense / Show Columns Condense / Show Rows

Main Menu

| Area habitat summary | |
|-------------------------|--------------------------------|
| Total Net Unit Change | -5.83 |
| Total Net % Change | -8.19% |
| Trading Rules Satisfied | No - check trading summaries ▲ |

| Ref | Existing area habitats | | | Distinctiveness | | Condition | | Strategic significance | | | Required Action to Meet Trading Rules | Ecological baseline Total habitat units | |
|-----|-------------------------|------------------------------------|-----------------------|--|-----------------|-----------|--------------------------|------------------------|--|-------------------------------|---------------------------------------|---|-----------------------------------|
| | Broad Habitat | Habitat Type | Irreplaceable habitat | Area (hectares) | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | | | Strategic significance multiplier |
| 1 | Grassland | Floodplain wetland mosaic and CFGM | No | 0.75 | High | 6 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | Same habitat required = | 10.35 |
| 2 | Grassland | Other neutral grassland | No | 0 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required (2) | 0.00 |
| 3 | Grassland | Modified grassland | No | 13 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 26.00 |
| 4 | Grassland | Modified grassland | No | 3.14 | Low | 2 | Moderate | 2 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 12.56 |
| 5 | Cropland | Cereal crops | No | 9.75 | Low | 2 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 19.50 |
| 6 | Cropland | Arable field margins tussocky | No | 0.26 | Medium | 4 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same broad habitat or a higher distinctiveness habitat required (2) | 1.04 |
| 7 | Sparsely vegetated land | Ruderal/Ephemeral | No | 0 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 0.00 |
| 8 | Urban | Bare ground | No | 0.03 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 0.06 |
| 9 | Urban | Developed land, sealed surface | No | 0.17 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 10 | Woodland and forest | Lowland mixed deciduous woodland | No | 0 | High | 6 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | Same habitat required = | 0.00 |
| 11 | Woodland and forest | Other woodland, broadleaved | No | 0.08 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required (2) | 0.70 |
| 12 | Heathland and shrub | Mixed scrub | No | 0.03 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required (2) | 0.26 |
| 13 | Individual trees | Rural tree | No | 0.18 | Medium | 4 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required (3) | 2.38 |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| | | | | Total habitat area | | | | | | | | | 72.88 |
| | | | | Site Area (Excluding area of individual trees, green walls, intertidal hard structures) | | | | | | | | | 27.39 |

| Area retained | Area enhanced | Baseline units retained | Baseline units enhanced | Area habitat lost | Units lost | Baseline compensation agreed for losses of VHDH or irreplaceable habitat | Comments | | |
|---------------|---------------|-------------------------|-------------------------|-------------------|--------------|--|---------------|-----------------------------|--------------------------|
| | | | | | | | User comments | Planning authority comments | Habitat reference number |
| | | 0.00 | 0.00 | 0.75 | 10.35 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| | | 0.00 | 0.00 | 13.00 | 26.00 | | | | |
| | | 0.00 | 0.00 | 3.14 | 12.56 | | | | |
| | | 0.00 | 0.00 | 9.75 | 19.50 | | | | |
| | | 0.00 | 0.00 | 0.26 | 1.04 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| | | 0.00 | 0.00 | 0.03 | 0.06 | | | | |
| | | 0.00 | 0.00 | 0.17 | 0.00 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| | | 0.00 | 0.00 | 0.08 | 0.70 | | | | |
| | | 0.00 | 0.00 | 0.03 | 0.26 | | | | |
| | | 0.00 | 0.00 | 0.18 | 2.38 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 27.39 | 72.88 | | | | |

| | |
|---|--------------|
| Total area lost (excluding area of individual trees, green walls and intertidal hard structures) | 27.21 |
|---|--------------|

M² to hectares conversion tool: Select a unit Hectares M²

Project Name: Rampton 2 Offshore Wind Farm Map Reference:
A-2 On-Site Habitat Creation

Condense / Show Columns Condense / Show Rows

Main Menu

| Area habitat summary | |
|-------------------------|--------------------------------|
| Total Net Unit Change | -6.88 |
| Total Net % Change | -3.17% |
| Tracing Rules Satisfied | No - check tracing summaries ▲ |
| Area Check | Area Acceptable ✓ |

Post intervention habitats

| Ref | Broad Habitat | Proposed habitat | Area (hectares) | Distinctiveness | | Condition | | Strategic significance | | | Temporal multiplier | | | Difficulty multipliers | | | Habitat units delivered | Comments | | | | | | |
|--------------------|-------------------------|------------------------------------|-----------------|-----------------|-------|--------------------------|-------|--|-----------------------------------|---|------------------------------------|--|---|---|---------------------------------|---------------------------------|-------------------------|-------------------------------|------------------------------|-------------------------------|---------------|---|--------------------------|--|
| | | | | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance multiplier | Standard time to target condition (years) | Habitat created in advance (years) | Delay in starting habitat creation (years) | Standard or adjusted time to target condition | Final time to target condition (years) | Final time to target multiplier | Standard difficulty of creation | | Applied difficulty multiplier | Final difficulty of creation | Difficulty multiplier applied | User comments | Planning authority comments | Habitat reference number | |
| 1 | Grassland | Floodplain wetland mosaic and CFCM | 0.75 | High | 6 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | 10 | | | Standard time to target condition applied | 10 | 0.700 | High | Standard difficulty applied | High | 0.33 | 2.39 | Reinstated habitat with target of reaching condition as current | | |
| 2 | Grassland | Other neutral grassland | 0 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstated habitat with target of reaching condition as current | | |
| 3 | Grassland | Modified grassland | 9.4 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 18.14 | Reinstated habitat with target of reaching condition as current | | |
| 4 | Grassland | Modified grassland | 3.14 | Low | 2 | Moderate | 2 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 4 | | | Standard time to target condition applied | 4 | 0.867 | Low | Standard difficulty applied | Low | 1 | 10.89 | Reinstated habitat with target of reaching condition as current | | |
| 5 | Cropland | Cereal crops | 3.82 | Low | 2 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 7.37 | Reinstated habitat with target of reaching condition as current | | |
| 6 | Cropland | Arable field margin tussocky | 0.26 | Medium | 4 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 1.00 | Reinstated habitat with target of reaching condition as current | | |
| 7 | Sparsely vegetated land | Ruderal/Ephemeral | 0 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstated habitat with target of reaching condition as current | | |
| 8 | Urban | Bare ground | 0.03 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 1 | | | Standard time to target condition applied | 1 | 0.965 | Low | Standard difficulty applied | Low | 1 | 0.06 | Reinstated habitat with target of reaching condition as current | | |
| 9 | Urban | Developed land, sealed surface | 6.1 | VLow | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | 0 | | | Standard time to target condition applied | 0 | 1.000 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstated habitat with target of reaching condition as current | | |
| 10 | Heathland and shrub | Mixed scrub | 0 | Medium | 4 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | 5 | | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 0.00 | Reinstated habitat with target of reaching condition as current | | |
| 11 | Heathland and shrub | Mixed scrub | 0.08 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 0.59 | Reinstatement of scrub in areas previously recorded as woodland | | |
| 12 | Heathland and shrub | Mixed scrub | 0.03 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 0.22 | Reinstated habitat with target of reaching condition as current | | |
| 13 | Individual trees | Rural tree | 0.18 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 27 | | | Standard time to target condition applied | 27 | 0.382 | Low | Standard difficulty applied | Low | 1 | 0.61 | Reinstated habitat with target of reaching reduced condition as to reach good condition takes more than 30 years | | |
| 14 | Woodland and forest | Other woodland: broadleaved | 0.8 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 15 | | | Standard time to target condition applied | 15 | 0.596 | Low | Standard difficulty applied | Low | 1 | 4.13 | Habitat creation at Oakenside - location ecologically desirable as adjacent to hedgerows, woodland (including ancient woodland), lakes, Cowfold Stream catchment etc. | | |
| 15 | Woodland and forest | Wet woodland | 1.9 | High | 6 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 15 | | | Standard time to target condition applied | 15 | 0.596 | Medium | Standard difficulty applied | Medium | 0.67 | 9.85 | Habitat creation at Oakenside - location ecologically desirable as adjacent to hedgerows, woodland (including ancient woodland), lakes, Cowfold Stream catchment etc. | | |
| 16 | Heathland and shrub | Mixed scrub | 0.9 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | | | Standard time to target condition applied | 5 | 0.837 | Low | Standard difficulty applied | Low | 1 | 6.63 | Habitat creation at Oakenside - location ecologically desirable as adjacent to hedgerows, woodland (including ancient woodland), lakes, Cowfold Stream catchment etc. | | |
| 17 | Individual trees | Rural tree | 1.5 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 27 | | | Standard time to target condition applied | 27 | 0.382 | Low | Standard difficulty applied | Low | 1 | 5.04 | habitat creation at Oakenside and Rowley | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | |
| Total habitat area | | | 26.89 | | | | | | | | | | | | | | Total Units | 66.92 | | | | | | |

| | |
|---|---|
| Site Area (Excluding area of individual trees, green walls, intertidal hard structures) | 27.21 |
| M ² to hectares conversion tool: | Select a unit Hectares M ² |

Project Name: **Rampion & Offshore Wind Farm** Map Reference:
B-1 On-Site Hedge Baseline
 Condense / Show Columns Condense / Show Rows
 Main Menu

| Hedge row summary | |
|-------------------------|------------------------------|
| Total Net Unit Change | -3.17 |
| Total Net % Change | -28.17% |
| Trading Rules Satisfied | No - check trading summary A |

| Ref | Hedge number | Existing hedgerow habitats | Length (m) | Distinctiveness | | Condition | | Strategic significance | | | Required Action to Meet Trading Rules | Ecological baseline Total hedgerow units | Comments | | | | | | | | | |
|-----|--------------|---|-------------|-----------------|-------|-----------|-------|---|-------------------------------|-----------------------------------|---------------------------------------|--|-----------------|-----------------|----------------|----------------|-------------|-------------|---------------|-----------------------------|--------------------------|--|
| | | | | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | Strategic significance multiplier | | | Length retained | Length enhanced | Units retained | Units enhanced | Length lost | Units lost | User comments | Planning authority comments | Habitat reference number | |
| 1 | | Species-rich native hedgerow | 0.0772049 | Medium | 4 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 1.08 | 0.06969227 | | 0.79 | 0.00 | 0.02 | 0.23 | | | | |
| 2 | | Species-rich native hedgerow | 0.1544096 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 1.36 | 0.11931854 | | 3.05 | 0.00 | 0.04 | 0.31 | | | | |
| 3 | | Species-rich native hedgerow | 0.0772049 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 0.34 | 0.06969227 | | 0.28 | 0.00 | 0.02 | 0.08 | | | | |
| 4 | | Native hedgerow | 0.3439134 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 1.61 | 0.284124 | | 1.25 | 0.00 | 0.08 | 0.28 | | | | |
| 5 | | Native hedgerow | 0.3439134 | Low | 2 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 0.75 | 0.284124 | | 0.63 | 0.00 | 0.05 | 0.13 | | | | |
| 6 | | Native hedgerow | 0.1388631 | Low | 2 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 0.30 | 0 | | 0.00 | 0.00 | 0.14 | 0.30 | | | | |
| 7 | | Species-rich native hedgerow with trees | 0.0175468 | High | 6 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 0.35 | 0.01403734 | | 0.28 | 0.00 | 0.00 | 0.01 | | | | |
| 8 | | Species-rich native hedgerow with trees | 0.0305931 | High | 6 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 0.46 | 0.02105886 | | 0.28 | 0.00 | 0.01 | 0.18 | | | | |
| 9 | | Species-rich native hedgerow with trees | 0.0175468 | High | 6 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 0.12 | 0.01403734 | | 0.09 | 0.00 | 0.00 | 0.02 | | | | |
| 10 | | Native hedgerow with trees | 0.1895027 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 1.67 | 0 | | 0.00 | 0.00 | 0.19 | 1.67 | | | | |
| 11 | | Native hedgerow with trees | 0.1895027 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 0.83 | 0 | | 0.00 | 0.00 | 0.19 | 0.83 | | | | |
| 12 | | Line of trees | 1.0769044 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 4.74 | 0.44638036 | | 3.72 | 0.00 | 0.23 | 1.01 | | | | |
| 13 | | Line of trees | 0.0791195 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness based on better | 0.35 | 0.06953282 | | 0.28 | 0.00 | 0.01 | 0.06 | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | |
| | | | 8.74 | | | | | | | | | 13.80 | | 1.77 | 0.00 | 6.64 | 0.00 | 0.97 | 6.17 | | | |

Project Name: Rampion 2 Offshore Wind Farm [Map](#)
 C-1 On-Site WaterC' Baseline

Condense / Show Columns Condense / Show Rows
 Main Menu

| Watercourse summary | |
|-------------------------|------------------------------|
| Total Net Unit Change | -1.34 |
| Total Net % Change | -68.97% |
| Trading Rules Satisfied | No - check trading summary ▲ |

| Existing watercourse type | | | Distinctiveness | | Condition | | Strategic significance | | | Watercourse encroachment | | Riparian encroachment | | Required Action to Meet Trading Rules | Ecological baseline | Bespoke compensation agreed for losses of VEDH | | | | | | Comments | | | |
|---------------------------|--------------------------|-------------|-----------------|-------|-----------|-------|---|-------------------------------|-----------------------------------|--------------------------|------------|---------------------------------------|------------|---------------------------------------|-------------------------|--|-----------------|----------------|----------------|-------------|------------|----------|---------------|-----------------------------|--------------------------|
| Ref | Watercourse type | Length (km) | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | Strategic significance multiplier | Extent of encroachment | Multiplier | Extent of encroachment for both banks | Multiplier | | Total watercourse units | Length retained | Length enhanced | Units retained | Units enhanced | Length Lost | Units Lost | | User Comments | Planning authority comments | Habitat reference number |
| 1 | Other rivers and streams | 0.12 | High | 6 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Same habitat required = | 0.79 | | | 0.00 | 0.00 | 0.12 | 0.79 | | | | |
| 2 | Other rivers and streams | 0.08 | High | 6 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Same habitat required = | 1.06 | | | 0.00 | 0.00 | 0.08 | 1.06 | | | | |
| 3 | Ditches | 0.02 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Same habitat required = | 0.09 | | | 0.00 | 0.00 | 0.02 | 0.09 | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | 0.22 | | | | | | | | | | | | | 1.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 1.94 | | | | |

The Statutory Biodiversity Metric Start page

| Project details | | | |
|--|-----------------------------------|---|------|
| Planning authority: | Mid-Sussex District Council | | |
| Project name: | Rampion 2 Offshore Wind Farm | | |
| Applicant: | Rampion Extension Development Ltd | | |
| Application type: | Development Consent Order | | |
| Planning application reference: | | | |
| Completed by: | Alan Kirby | | |
| Date of metric completion: | 17 April 2024 | | |
| Reviewer: | Craig Brookes | | |
| Calculation iteration: | | | |
| Planning authority reviewer: | | | |
| Date of planning authority review: | | | |
| Target % net gain: | 10% | | |
| Irreplaceable habitat present at baseline: | No ✓ | | |
| Total site area - including irreplaceable habitat area (hectares): | 4.88 | Irreplaceable habitat site area (hectares): | 0.00 |
| Total off-site area - including irreplaceable habitat area (hectares): | N/A | Irreplaceable habitat area off-site (hectares): | N/A |

Main menu

Results

| Cell style conventions | |
|------------------------|--|
| | Attention required |
| | Input error/rules and principles not met |
| | Use of this cell is not appropriate |
| | Enter data |
| | Automatic lookup |
| | Result |

View all

Reset view

On-site baseline map Insert

On-site post intervention map Insert

On-site baseline map reference number

On-site post-intervention map reference number

Off-site baseline map Insert

Off-site post intervention map Insert

Off-site baseline map reference number

Off-site post-intervention reference number

Key

- Area habitats
- Hedgerows and lines of trees
- Watercourses

The Statutory Biodiversity Metric Main menu

[Start page](#)
[Technical data](#)
[Results](#)

| Tree helper | | | | | | |
|--------------|--|---------------|----------|---------------|----------|---------------|
| Tree size | Number of trees and area (ha) for each condition state | | | | | |
| | Poor | Area | Moderate | Area | Good | Area |
| Small | | 0.0000 | | 0.0000 | | 0.0000 |
| Medium | | 0.0000 | | 0.0000 | | 0.0000 |
| Large | | 0.0000 | | 0.0000 | | 0.0000 |
| Very large | | 0.0000 | | 0.0000 | | 0.0000 |
| Total | 0 | 0.0000 | 0 | 0.0000 | 0 | 0.0000 |



On-site baseline

- A-1 On-site Area Habitat Baseline
- B-1 On-site Hedge Baseline
- C-1 On-site Watercourse Baseline

On-site post development

- A-2 On-site Area Habitat Creation
- A-3 On-site Area Habitat Enhancement
- B-2 On-site Hedge Creation
- B-3 On-site Hedge Enhancement
- C-2 On-site Watercourse Creation
- C-3 On-site Watercourse Enhancement

Off-site baseline

- D-1 Off-site Area Habitat Baseline
- E-1 Off-site Hedge Baseline
- F-1 Off-site Watercourse Baseline

Off-site post development

- D-2 Off-site Area Habitat Creation
- D-3 Off-site Area Habitat Enhancement
- E-2 Off-site Hedge Creation
- E-3 Off-site Hedge Enhancement
- F-2 Off-site Watercourse Creation
- F-3 Off-site Watercourse Enhancement

The Statutory Biodiversity Metric Results

[Return to start
page](#)

[Headline results](#)

[Detailed results](#)

[Habitat trading
summaries](#)

[Off-site
summary](#)

[Irreplaceable
habitats summary](#)

[Unit shortfall
summary](#)

Return to results menu

Headline Results

Scroll down for final results ▲

| | | | |
|---|-------------------|-------|---------|
| On-site baseline | Habitat units | 11.70 | |
| | Hedgerow units | 2.99 | |
| | Watercourse units | 0.00 | |
| On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 9.98 | |
| | Hedgerow units | 2.77 | |
| | Watercourse units | 0.00 | |
| On-site net change <small>(units & percentage)</small> | Habitat units | -1.73 | -14.74% |
| | Hedgerow units | -0.22 | -7.40% |
| | Watercourse units | 0.00 | 0.00% |

On-site net gain is less than target set ▲
On-site net gain is less than target set ▲

| | | | |
|--|-------------------|------|-------|
| Off-site baseline | Habitat units | 0.00 | |
| | Hedgerow units | 0.00 | |
| | Watercourse units | 0.00 | |
| Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 0.00 | |
| | Hedgerow units | 0.00 | |
| | Watercourse units | 0.00 | |
| Off-site net change <small>(units & percentage)</small> | Habitat units | 0.00 | 0.00% |
| | Hedgerow units | 0.00 | 0.00% |
| | Watercourse units | 0.00 | 0.00% |

| | | |
|---|-------------------|-------|
| Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -1.73 |
| | Hedgerow units | -0.22 |
| | Watercourse units | 0.00 |
| Spatial risk multiplier (SRM) deductions | Habitat units | 0.00 |
| | Hedgerow units | 0.00 |
| | Watercourse units | 0.00 |

FINAL RESULTS

| | | |
|--|-------------------|---------|
| Total net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -1.73 |
| | Hedgerow units | -0.22 |
| | Watercourse units | 0.00 |
| Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -14.74% |
| | Hedgerow units | -7.40% |
| | Watercourse units | 0.00% |

Total net gain achieved is less than target set ▲
Total net gain achieved is less than target set ▲

Trading rules satisfied? No - Check Trading Summaries ▲

| Area created must match area lost for both onsite and offsite ▲ | | | | |
|---|--------|----------------|----------------|--------------|
| Unit Type | Target | Baseline Units | Units Required | Unit Deficit |
| Habitat units | 10.00% | 11.70 | 12.87 | 2.90 |
| Hedgerow units | 10.00% | 2.99 | 3.29 | 0.52 |
| Watercourse units | 10.00% | 0.00 | 0.00 | 0.00 |

No additional watercourse units required to meet target ✓

Input errors/rule breaks present in metric ▲

Condense / Show Columns

Condense / Show Rows

Main Menu

| Ref | Existing area habitats | | | Disturbances | | | Condition | | | Strategic significance | | | Required Action to meet Targeting Rules | Biological habitats | |
|-----|------------------------|-------------------------------------|----------------------|---|--------------|-------|--------------------------|-------------|--|-----------------------------------|-----------------------------------|---|---|---------------------|--|
| | Broad Habitat | Habitat Type | Irreversible habitat | Area (hectares) | Disturbances | Score | Condition | Score | Strategic significance | Strategic significance multiplier | Strategic significance multiplier | Area habitat lost | | Units lost | |
| 1 | Grassland | Fluorogalen wetland mosaic and CPDM | No | 0 | High | 6 | Moderate | 2 | Formerly identified as local strategy | High strategic significance | 1.18 | Same habitat required to | 0.00 | | |
| 2 | Grassland | Other rough grassland | No | 0 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same habitat required to | 0.00 | | |
| 3 | Grassland | Modified grassland | No | 0.81 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | Same habitat/compensation or better habitat required to | 5.82 | | |
| 4 | Grassland | Modified grassland | No | 0.73 | Low | 2 | Moderate | 2 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | Same habitat/compensation or better habitat required to | 2.92 | | |
| 5 | Chapland | Open crops | No | 0 | Low | 2 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | Same habitat/compensation or better habitat required to | 0.00 | | |
| 6 | Chapland | Arable field margin hedges | No | 0 | Medium | 4 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | Same habitat/compensation or better habitat required to | 0.00 | | |
| 7 | Openly vegetated land | Bruce's Ephestrum | No | 0 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | Same habitat/compensation or better habitat required to | 0.00 | | |
| 8 | Urban | Bare ground | No | 0.81 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | Same habitat/compensation or better habitat required to | 1.82 | | |
| 9 | Urban | Developed land: sealed surface | No | 0 | V Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | Compensation Not Required | 0.00 | | |
| 10 | Woodland and forest | Lowland mixed deciduous woodland | No | 0 | High | 6 | Moderate | 2 | Formerly identified as local strategy | High strategic significance | 1.18 | Same habitat required to | 0.00 | | |
| 11 | Woodland and forest | Other woodland: broadleaved | No | 0.12 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same habitat/compensation or better habitat required to | 1.06 | | |
| 12 | Heathland and scrub | Mixed scrub | No | 0.01 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same habitat/compensation or better habitat required to | 0.09 | | |
| 13 | Individual trees | Rural tree | No | 0 | Medium | 4 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same habitat/compensation or better habitat required to | 0.00 | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| | | | | Total habitat area | | | | 4.88 | | | | | 11.70 | | |
| | | | | Net Area (Excluding area of individual trees, green walls, intertidal hard structures) | | | | 4.88 | | | | | | | |

| Area retained | Area enhanced | Habitat units retained | Habitat units enhanced | Area habitat lost | Units lost | Response compensation agreed for losses of VIBRI or Irreplaceable habitat | User comments | Planning authority comments | Habitat reference number |
|---------------|---------------|------------------------|------------------------|-------------------|------------|---|---------------|-----------------------------|--------------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 4.88 | 11.70 | | | | |

Total area lost (excluding area of individual trees, green walls and intertidal hard structures): 4.88

MP to become correction tool: Habitat unit Disturbance MP

Project Name: Sampson 3 Offshore Wind Farm **Map Reference:**

A-2 On-Site Habitat Creation

| | |
|------------------------|---|
| Area habitat summary | |
| Total Net Habit Change | -1.13 |
| Total Net % Change | 14.14% |
| Trading Rules Applied | NI: 10% Net Loss Limitation <input type="checkbox"/> FOT: Area covered by natural areas not <input type="checkbox"/> |
| Area Check | |

| Ref | Broad Habitat | Proposed habitat | Area (ha) | Habitat score | | Condition | | Strategic alignment | Strategic alignment multiplier | Standard time to target condition (years) | Post intervention habitat | | Temporary multiplier | | Difficulty multiplier | | | Habitat value delivered | Comments | | Habitat reference number | |
|-----|--------------------------|-----------------------------------|-----------|---------------|-------|-------------|-------|--|--------------------------------|---|------------------------------------|--|---|--|---------------------------------|---------------------------------|-------------------------------|-------------------------|------------------------------|-------------------------------|--------------------------|---------------|
| | | | | Condition | Score | Condition | Score | | | | Habitat created to achieve (years) | Delay in starting habitat creation (years) | Standard or adjusted time to target condition | Final time to target condition (years) | Final time to target multiplier | Standard difficulty of creation | Applied difficulty multiplier | | Final difficulty of creation | Difficulty multiplier applied | | User comments |
| 1 | Grassland | Productive wetland mosaic and CFM | 0 | High | 5 | Medium | 2 | Priority identified in local strategy | High strategic significance | 1.15 | 10 | Standard time to target condition applied | 0.75 | High | Standard difficulty applied | High | 0.33 | 0.00 | | | | |
| 2 | Grassland | Other neutral grassland | 0 | Medium | 4 | Medium | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 8 | Standard time to target condition applied | 0.9 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | | |
| 3 | Grassland | Modified grassland | 0.01 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | 1 | Standard time to target condition applied | 1 | 0.95 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 4 | Grassland | Modified grassland | 0.73 | Low | 2 | Medium | 2 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | 4 | Standard time to target condition applied | 4 | 0.8 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 5 | Crop/land | Cereal crops | 0 | Low | 2 | Medium | 2 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | 1 | Standard time to target condition applied | 1 | 0.95 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 6 | Crop/land | Arable field margin hedges | 0 | Medium | 4 | Medium | 2 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | 1 | Standard time to target condition applied | 1 | 0.95 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 7 | Specialty vegetated land | Biodiversity rich | 0 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | 1 | Standard time to target condition applied | 1 | 0.95 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 8 | Urban | Tree ground | 0.01 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | 1 | Standard time to target condition applied | 1 | 0.95 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 9 | Urban | Developed land - mixed surface | 0 | Very Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low strategic significance | 1 | 0 | Standard time to target condition applied | 0 | 1.00 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 10 | Heathland and scrub | Mixed scrub | 0 | Medium | 4 | Medium | 2 | Priority identified in local strategy | High strategic significance | 1.15 | 5 | Standard time to target condition applied | 5 | 0.9 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 11 | Heathland and scrub | Mixed scrub | 0 | Medium | 4 | Medium | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | Standard time to target condition applied | 5 | 0.9 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 12 | Heathland and scrub | Mixed scrub | 0.01 | Medium | 4 | Medium | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 5 | Standard time to target condition applied | 5 | 0.9 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| 13 | Individual trees | Road tree | 0 | Medium | 4 | Medium | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | 27 | Standard time to target condition applied | 27 | 0.95 | Low | Standard difficulty applied | Low | 1 | 0.00 | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

Total habitat area: 4.96 Total Value: 0.98

Site Area (Excluding area of individual trees, green walls, structural landscape): 4.96

MP to include construction tool: Select a unit: Milestone: MP

| Hedgerow summary | |
|-------------------------|------------------------------|
| Total Net Unit Change | -0.22 |
| Total Net % Change | -7.40% |
| Trading Rules Satisfied | No - check trading summary ▲ |

| Ref | Existing hedgerow habitats | | | Distinctiveness | | Condition | | Strategic significance | | | Required Action to Meet Trading Rules | Ecological baseline Total hedgerow units | Comments | | | | | | | | |
|-----|----------------------------|---|-------------|-----------------|-------|-----------|-------|---|-------------------------------|-----------------------------------|---------------------------------------|---|-----------------|-----------------|----------------|----------------|-------------|------------|---------------|-----------------------------|--------------------------|
| | Hedge number | Habitat type | Length (km) | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | Strategic significance multiplier | | | Length retained | Length enhanced | Units retained | Units enhanced | Length lost | Units lost | User comments | Planning authority comments | Habitat reference number |
| 1 | | Species-rich native hedgerow | 0.02332 | Medium | 4 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.31 | 0.01802 | | 0.24 | 0.00 | 0.01 | 0.07 | | | |
| 2 | | Species-rich native hedgerow | 0.04664 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.41 | 0.03604 | | 0.32 | 0.00 | 0.01 | 0.09 | | | |
| 3 | | Species-rich native hedgerow | 0.02332 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.10 | 0.01802 | | 0.08 | 0.00 | 0.01 | 0.02 | | | |
| 4 | | Native hedgerow | 0.10388 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.46 | 0.0636 | | 0.28 | 0.00 | 0.04 | 0.18 | | | |
| 5 | | Native hedgerow | 0.10388 | Low | 2 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.23 | 0.0636 | | 0.14 | 0.00 | 0.04 | 0.09 | | | |
| 6 | | Native hedgerow | 0.04134 | Low | 2 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.09 | 0.02968 | | 0.07 | 0.00 | 0.01 | 0.03 | | | |
| 7 | | Species-rich native hedgerow with trees | 0.0053 | High | 6 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Like for like or better | 0.10 | 0.00424 | | 0.08 | 0.00 | 0.00 | 0.02 | | | |
| 8 | | Species-rich native hedgerow with trees | 0.0106 | High | 6 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Like for like or better | 0.14 | 0.00636 | | 0.08 | 0.00 | 0.00 | 0.06 | | | |
| 9 | | Species-rich native hedgerow with trees | 0.0053 | High | 6 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Like for like or better | 0.03 | 0.00424 | | 0.03 | 0.00 | 0.00 | 0.01 | | | |
| 10 | | Native hedgerow with trees | 0.05724 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.50 | 0.02332 | | 0.21 | 0.00 | 0.03 | 0.30 | | | |
| 11 | | Native hedgerow with trees | 0.05724 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.25 | 0.02332 | | 0.10 | 0.00 | 0.03 | 0.15 | | | |
| 12 | | Line of trees | 0.07595 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.33 | 0.06541 | | 0.29 | 0.00 | 0.01 | 0.05 | | | |
| 13 | | Line of trees | 0.00558 | Low | 2 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same distinctiveness band or better | 0.02 | 0.00465 | | 0.02 | 0.00 | 0.00 | 0.00 | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | 0.86 | | | | | | | | | 2.99 | 0.36 | 0.00 | 1.93 | 0.00 | 0.20 | 1.06 | | | |

The Statutory Biodiversity Metric Start page

| Project details | | | |
|--|-------------------------------------|---|------|
| Planning authority: | South Downs National Park Authority | | |
| Project name: | Rampion 2 Offshore Wind Farm | | |
| Applicant: | Rampion Extension Development Ltd | | |
| Application type: | Development Consent Order | | |
| Planning application reference: | | | |
| Completed by: | Alan Kirby | | |
| Date of metric completion: | 17 April 2024 | | |
| Reviewer: | Craig Brookes | | |
| Calculation iteration: | | | |
| Planning authority reviewer: | | | |
| Date of planning authority review: | | | |
| Target % net gain: | 10% | | |
| Irreplaceable habitat present at baseline: | No ✓ | | |
| Total site area - including irreplaceable habitat area (hectares): | 118.88 | Irreplaceable habitat site area (hectares): | 0.00 |
| Total off-site area - including irreplaceable habitat area (hectares): | N/A | Irreplaceable habitat area off-site (hectares): | N/A |

Main menu

Results

| Cell style conventions | |
|------------------------|--|
| | Attention required |
| | Input error/rules and principles not met |
| | Use of this cell is not appropriate |
| | Enter data |
| | Automatic lookup |
| | Result |

View all

Reset view

On-site baseline map Insert

On-site baseline map reference number

On-site post intervention map Insert

On-site post-intervention map reference number

Off-site baseline map Insert

Off-site baseline map reference number

Off-site post intervention map Insert

Off-site post-intervention reference number

Key

- Area habitats
- Hedgerows and lines of trees
- Watercourses

The Statutory Biodiversity Metric Main menu

Start page Technical data Results

| Tree helper | | | | | | |
|--------------|--|---------------|----------|---------------|----------|---------------|
| Tree size | Number of trees and area (ha) for each condition state | | | | | |
| | Poor | Area | Moderate | Area | Good | Area |
| Small | | 0.0000 | | 0.0000 | | 0.0000 |
| Medium | | 0.0000 | | 0.0000 | | 0.0000 |
| Large | | 0.0000 | | 0.0000 | | 0.0000 |
| Very large | | 0.0000 | | 0.0000 | | 0.0000 |
| Total | 0 | 0.0000 | 0 | 0.0000 | 0 | 0.0000 |



On-site baseline

- A-1 On-site Area Habitat Baseline
- B-1 On-site Hedge Baseline
- C-1 On-site Watercourse Baseline

On-site post development

- A-2 On-site Area Habitat Creation
- A-3 On-site Area Habitat Enhancement
- B-2 On-site Hedge Creation
- B-3 On-site Hedge Enhancement
- C-2 On-site Watercourse Creation
- C-3 On-site Watercourse Enhancement

Off-site baseline

- D-1 Off-site Area Habitat Baseline
- E-1 Off-site Hedge Baseline
- F-1 Off-site Watercourse Baseline

Off-site post development

- D-2 Off-site Area Habitat Creation
- D-3 Off-site Area Habitat Enhancement
- E-2 Off-site Hedge Creation
- E-3 Off-site Hedge Enhancement
- F-2 Off-site Watercourse Creation
- F-3 Off-site Watercourse Enhancement

The Statutory Biodiversity Metric Results

[Return to start
page](#)

[Headline results](#)

[Detailed results](#)

[Habitat trading
summaries](#)

[Off-site
summary](#)

[Irreplaceable
habitats summary](#)

[Unit shortfall
summary](#)

Return to results menu

Headline Results

Scroll down for final results ▲

| | | | | |
|---|-------------------|--------|---------|--|
| On-site baseline | Habitat units | 274.00 | | |
| | Hedgerow units | 16.96 | | |
| | Watercourse units | 0.70 | | |
| On-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 256.13 | | |
| | Hedgerow units | 15.53 | | |
| | Watercourse units | 0.26 | | |
| On-site net change <small>(units & percentage)</small> | Habitat units | -17.87 | -6.52% | On-site net gain is less than target set ▲ |
| | Hedgerow units | -1.43 | -8.41% | On-site net gain is less than target set ▲ |
| | Watercourse units | -0.44 | -63.12% | On-site net gain is less than target set ▲ |

| | | | | |
|--|-------------------|------|-------|--|
| Off-site baseline | Habitat units | 0.00 | | |
| | Hedgerow units | 0.00 | | |
| | Watercourse units | 0.00 | | |
| Off-site post-intervention <small>(Including habitat retention, creation & enhancement)</small> | Habitat units | 0.00 | | |
| | Hedgerow units | 0.00 | | |
| | Watercourse units | 0.00 | | |
| Off-site net change <small>(units & percentage)</small> | Habitat units | 0.00 | 0.00% | |
| | Hedgerow units | 0.00 | 0.00% | |
| | Watercourse units | 0.00 | 0.00% | |

| | | | | |
|---|-------------------|--------|--|--|
| Combined net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -17.87 | | |
| | Hedgerow units | -1.43 | | |
| | Watercourse units | -0.44 | | |
| Spatial risk multiplier (SRM) deductions | Habitat units | 0.00 | | |
| | Hedgerow units | 0.00 | | |
| | Watercourse units | 0.00 | | |

FINAL RESULTS

| | | | | |
|--|-------------------|---------|--|---|
| Total net unit change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -17.87 | | |
| | Hedgerow units | -1.43 | | |
| | Watercourse units | -0.44 | | |
| Total net % change <small>(Including all on-site & off-site habitat retention, creation & enhancement)</small> | Habitat units | -6.52% | | Total net gain achieved is less than target set ▲ |
| | Hedgerow units | -8.41% | | Total net gain achieved is less than target set ▲ |
| | Watercourse units | -63.12% | | Total net gain achieved is less than target set ▲ |

Trading rules satisfied? **No - Check Trading Summaries ▲**

| Unit Type | Target | Baseline Units | Units Required | Unit Deficit |
|-------------------|--------|----------------|----------------|--------------|
| Habitat units | 10.00% | 274.00 | 301.40 | 45.27 |
| Hedgerow units | 10.00% | 16.96 | 18.66 | 3.12 |
| Watercourse units | 10.00% | 0.70 | 0.77 | 0.51 |

Input errors/rule breaks present in metric ▲

Condense / Show Columns

Condense / Show Rows

Main Menu

| Area habitat summary | |
|-------------------------|--------------------------------|
| Total Net Unit Change | -17.87 |
| Total Net % Change | -6.85% |
| Trading Rules Satisfied | No - check trading summaries ▲ |

| Ref | Existing area habitats | | | | Distinctiveness | | Condition | | Strategic significance | | | Required Action to Meet Trading Rules | Ecological baseline Total habitat units |
|-----|-------------------------|------------------------------------|-----------------------|---|-----------------|-------|--------------------------|-------|--|-------------------------------|-----------------------------------|---|--|
| | Broad Habitat | Habitat Type | Irreplaceable habitat | Area (hectares) | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | Strategic significance multiplier | | |
| 1 | Grassland | Floodplain wetland mosaic and CPDM | No | 0 | High | 6 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | Same habitat required = | 0.00 |
| 2 | Grassland | Other neutral grassland | No | 0.92 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required (2) | 8.10 |
| 3 | Grassland | Modified grassland | No | 61.08 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 102.16 |
| 4 | Grassland | Modified grassland | No | 12.77 | Low | 2 | Moderate | 2 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 51.08 |
| 5 | Cropland | Cereal crops | No | 48.18343803 | Low | 2 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 96.37 |
| 6 | Cropland | Arable field margins tussocky | No | 1.239290679 | Medium | 4 | Condition Assessment N/A | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same broad habitat or a higher distinctiveness habitat required (2) | 4.96 |
| 7 | Sparsely vegetated land | Ruderal/Ephemeral | No | 0 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 0.00 |
| 8 | Urban | Bare ground | No | 0.220087248 | Low | 2 | Poor | 1 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Same distinctiveness or better habitat required ≥ | 0.44 |
| 9 | Urban | Developed land: sealed surface | No | 0.163386823 | V.Low | 0 | N/A - Other | 0 | Area/compensation not in local strategy/ no local strategy | Low Strategic Significance | 1 | Compensation Not Required | 0.00 |
| 10 | Woodland and forest | Lowland mixed deciduous woodland | No | 0.06 | High | 6 | Moderate | 2 | Formally identified in local strategy | High strategic significance | 1.15 | Same habitat required = | 0.83 |
| 11 | Woodland and forest | Other woodland: broadleaved | No | 0.26461163 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required (2) | 2.33 |
| 12 | Heathland and shrub | Mixed scrub | No | 0.76 | Medium | 4 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required (2) | 6.69 |
| 13 | Individual trees | Rural tree | No | 0.08 | Medium | 4 | Good | 3 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | Same broad habitat or a higher distinctiveness habitat required (2) | 1.06 |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| | | | | Total habitat area | 115.74 | | | | | | | | 274.00 |
| | | | | Site Area (Excluding area of individual trees, green walls, intertidal hard structures) | 115.66 | | | | | | | | |

| Area retained | Area enhanced | Baseline units retained | Baseline units enhanced | Area habitat lost | Units lost | Bespoke compensation agreed for losses of VHDH or irreplaceable habitat | Comments | | |
|---------------|---------------|-------------------------|-------------------------|-------------------|------------|---|---------------|-----------------------------|--------------------------|
| | | | | | | | User comments | Planning authority comments | Habitat reference number |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| | | 0.00 | 0.00 | 0.92 | 8.10 | | | | |
| | | 0.00 | 0.00 | 61.08 | 102.16 | | | | |
| | | 0.00 | 0.00 | 12.77 | 51.08 | | | | |
| | | 0.00 | 0.00 | 48.18 | 96.37 | | | | |
| | | 0.00 | 0.00 | 1.24 | 4.96 | | | | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| | | 0.00 | 0.00 | 0.22 | 0.44 | | | | |
| | | 0.00 | 0.00 | 0.16 | 0.00 | | | | |
| | | 0.00 | 0.00 | 0.06 | 0.83 | | | | |
| | | 0.00 | 0.00 | 0.26 | 2.33 | | | | |
| | | 0.00 | 0.00 | 0.76 | 6.69 | | | | |
| | | 0.00 | 0.00 | 0.08 | 1.06 | | | | |
| 0.00 | 0.00 | 0.00 | 0.00 | 115.74 | 274.00 | | | | |

| | |
|--|--------|
| Total area lost (excluding area of individual trees, green walls and intertidal hard structures) | 115.66 |
|--|--------|

| | | | |
|---|---------------|----------|----------------|
| M ² to hectares conversion tool: | Select a unit | Hectares | M ² |
|---|---------------|----------|----------------|

| Ref | Hedge number | Hedge type | Length (km) | Disturbance | | Condition | | Strategic alignment | Strategic alignment | Strategic alignment | Expected Action to Meet Trading Rules | Bespoke Hedging Value | Length (km) | Length (km) | This amount | This amount | Length (km) | This amount | Comments | | |
|--------------|--------------|--|-------------|-------------|-------|-----------|-------|---|---------------------|---------------------|---------------------------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|---------------------|---------------------|
| | | | | Disturbance | Scale | Condition | Scale | | | | | | | | | | | | Strategic alignment | Strategic alignment | Strategic alignment |
| 1 | | Options with barrier hedging | 2.1001 | Medium | 1 | Good | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 2.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | | | |
| 2 | | Options with barrier hedging | 2.1002 | Medium | 1 | Moderate | 2 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.90 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | | | |
| 3 | | Options with barrier hedging | 2.1003 | Medium | 1 | Good | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.92 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | | | |
| 4 | | Options hedge | 2.1004 | Low | 2 | Moderate | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.97 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| 5 | | Options hedge | 2.1005 | Low | 2 | Good | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.94 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | | | |
| 6 | | Options hedge | 2.1006 | Low | 2 | Good | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.91 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | | | |
| 7 | | Options with barrier hedging with 10% down | 2.1007 | High | 2 | Good | 2 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 8 | | Options with barrier hedging with 10% down | 2.1008 | High | 2 | Moderate | 2 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.94 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | | | |
| 9 | | Options with barrier hedging with 10% down | 2.1009 | High | 2 | Good | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.91 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| 10 | | Options hedge with down | 2.1010 | Medium | 1 | Moderate | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.90 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | | | |
| 11 | | Options hedge with 10% down | 2.1011 | Medium | 1 | Good | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.94 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | | | |
| 12 | | Options hedge | 2.1012 | Low | 2 | Moderate | 1 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.97 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | | | |
| 13 | | Options hedge | 2.1013 | Low | 2 | Moderate | 2 | Compliance hedge only - does not fall on a hedge strategy | Medium hedge | 1.1 | Compliance hedge | 1.94 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | |
| Sub | | | | | | | | | | | | 2.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Total | | | | | | | | | | | | 18.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |

Project Name: Rampion 2 Offshore Wind Farm Map
 C-1 On-Site WaterC' Baseline

Condense / Show Columns Condense / Show Rows
 Main Menu

| Watercourse summary | |
|-------------------------|------------------------------|
| Total Net Unit Change | -0.44 |
| Total Net % Change | -63.12% |
| Trading Rules Satisfied | No - check trading summary ▲ |

| Existing watercourse type | | | Distinctiveness | | Condition | | Strategic significance | | | Watercourse encroachment | | Riparian encroachment | | Required Action to Meet Trading Rules | Ecological baseline Total watercourse units | Bespoke compensation agreed for losses of VEDH | | | | | | Comments | | | | |
|---------------------------|--------------------------|-------------|-----------------|-------|-----------|-------|---|-------------------------------|-----------------------------------|--------------------------|------------|---------------------------------------|------------|---------------------------------------|--|--|-----------------|----------------|----------------|-------------|------------|---------------|-----------------------------|--------------------------|--|--|
| Ref | Watercourse type | Length (km) | Distinctiveness | Score | Condition | Score | Strategic significance | Strategic significance | Strategic significance multiplier | Extent of encroachment | Multiplier | Extent of encroachment for both banks | Multiplier | | | Length retained | Length enhanced | Units retained | Units enhanced | Length Lost | Units Lost | User Comments | Planning authority comments | Habitat reference number | | |
| 1 | Other rivers and streams | 0 | High | 6 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Same habitat required = | 0.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 2 | Other rivers and streams | 0.04 | High | 6 | Moderate | 2 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Same habitat required = | 0.53 | | | 0.00 | 0.00 | 0.04 | 0.53 | | | | | |
| 3 | Ditches | 0.04 | Medium | 4 | Poor | 1 | Location ecologically desirable but not in local strategy | Medium strategic significance | 1.1 | No Encroachment | 1 | No Encroachment/ No Encroachment | 1 | Same habitat required = | 0.18 | | | 0.00 | 0.00 | 0.04 | 0.18 | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | 0.08 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.70 | | | | | | |

