

Volume 7A - Figures

# Chapter 23 Biodiversity



**Legend**

- Proposed development boundary
- Bat transect route 24/07/2025
- Bat static detectors locations

**NISA**  
North Irish Sea Array

**ARUP**

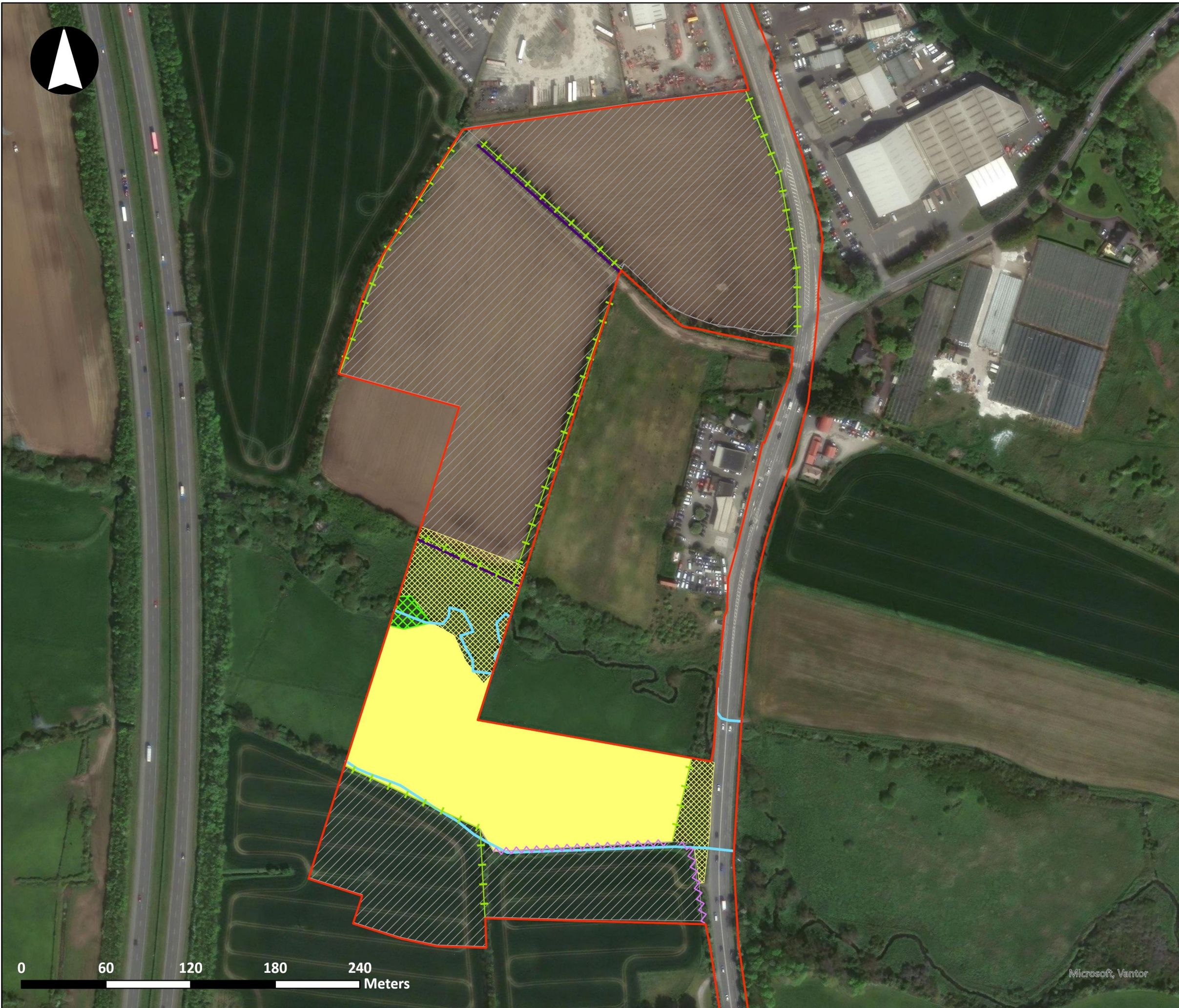
Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Bat transect route and  
static detector locations  
Landfall site and Grid facility**

Job No: 281240  
Date: November 2025  
Scale: 1:4,000  
Status: Final

Figure No:  
**A23.1**

Microsoft, Vantor



**Legend**

- Proposed development boundary
  
- Habitat types
- FW4
- FW2
- WL1
- WL2
  
- BC1
- GA1
- GS4
- WS1

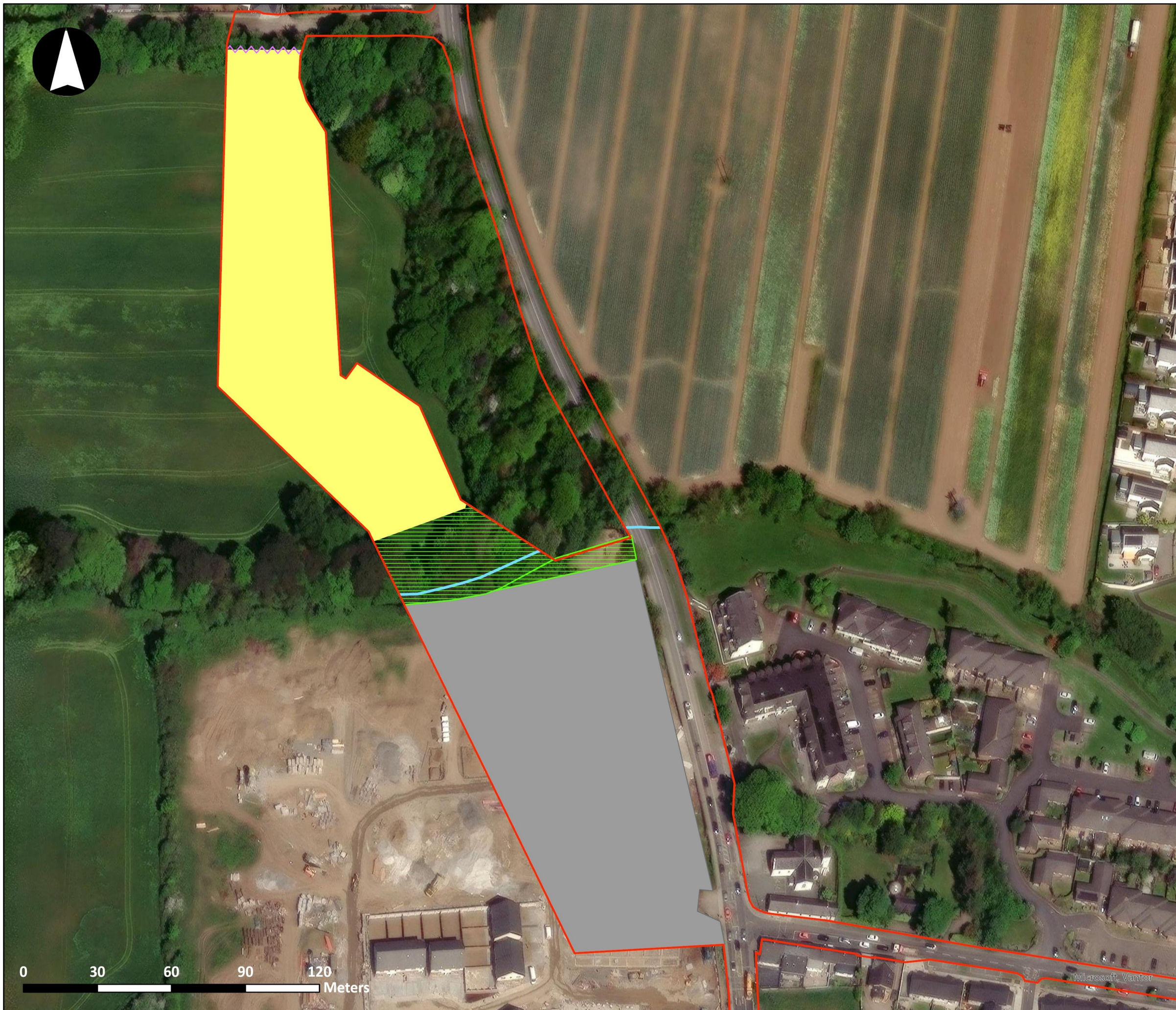
**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Blakes Cross South including  
Wx12 (Deanestown Stream) and  
Wx13 (Ballyboghill Stream)  
Habitat types**

<b>Job No:</b> 281240	<b>Figure No:</b>
<b>Date:</b> November 2025	<b>A23.2</b>
<b>Scale:</b> 1:2,618	
<b>Status:</b> Final	



- Legend**
- Proposed development boundary
  - FW2
  - WL2
  - BL3
  - GA1
  - WD1

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Wx22 (Sluice Stream)  
Habitat types**

<b>Job No:</b> 281240	<b>Figure No:</b>
<b>Date:</b> November 2025	<b>A23.3</b>
<b>Scale:</b> 1:1,500	
<b>Status:</b> Final	



**Legend**

- Proposed development boundary
  
- Habitat and Annex I
- CB1 - Annex I Perennial vegetation of stony banks (1220)
- CD1 - Annex I Embryonic shifting dunes (2210)
- CS3 - Annex I Vegetated sea cliffs of the Atlantic and Baltic coasts (1230)
  
- Rare plant species
- Polygonum oxyspermum

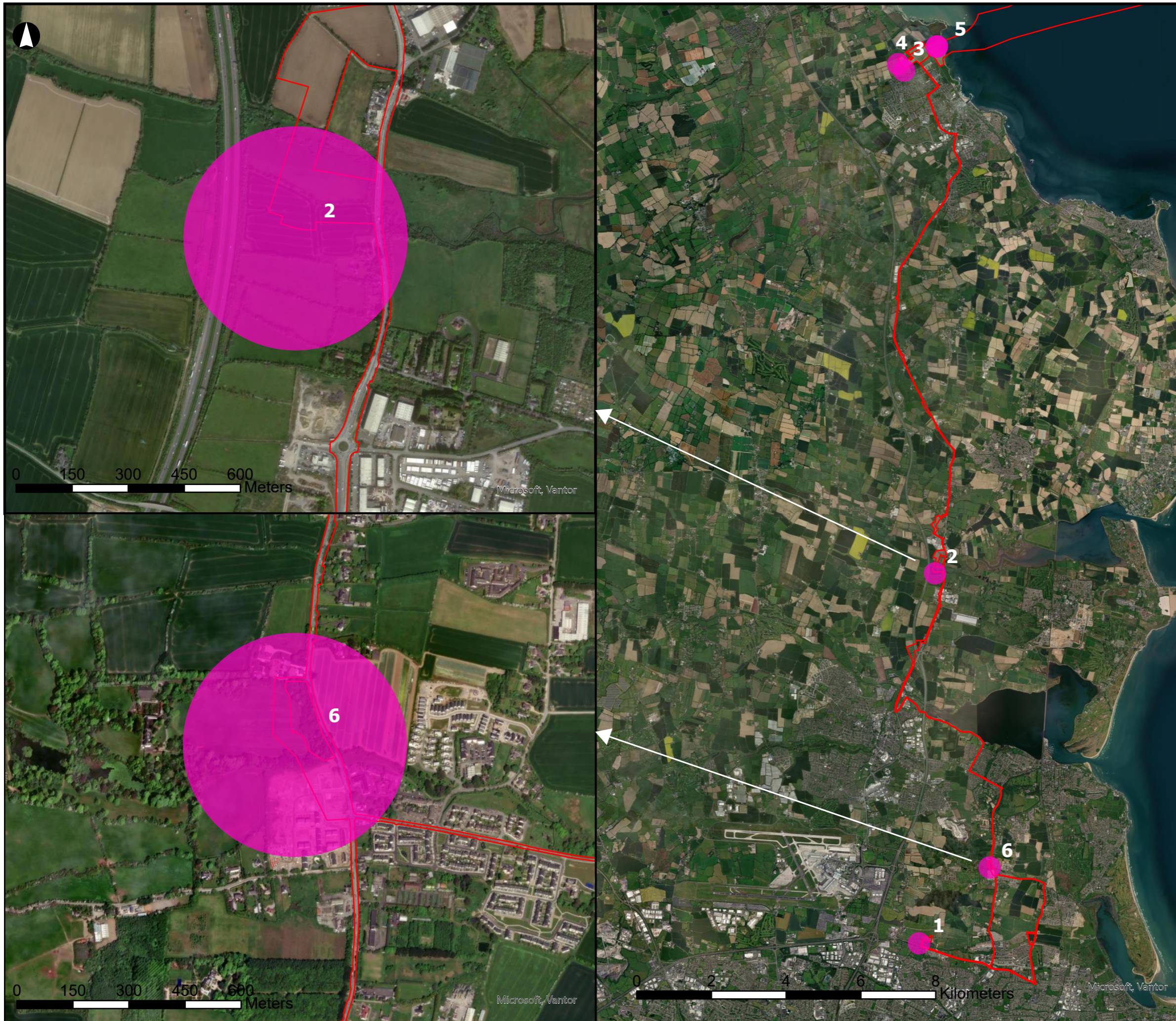
**NISA**  
North Irish Sea Array

**ARUP**

**Project**  
North Irish Sea Array  
Offshore Wind Farm

**Figure Title**  
Coastal cliff extent with  
EU Annex I Habitats and  
rare plant species  
Landfall site

<b>Job No:</b> 281240	<b>Figure No:</b>
<b>Date:</b> November 2025	<b>A23.4</b>
<b>Scale:</b> 1:2,200	
<b>Status:</b> Final	



### Legend

- Proposed Development Boundary
- Badger setts (Indicative locations 300m)

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Badger sett at Blakes Cross  
South, Wx22 (Sluice Stream)  
and Belcamp substation**

Job No: 281240  
Date: March 2026  
Scale: 1:100,000  
Status: Final

Figure No:  
**A23.5**



## Legend

- Proposed Development Boundary
- Badger setts (Indicative locations 300m)

# NISA

North Irish Sea Array

## ARUP

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Badger setts at  
Landfall site and  
Grid facility**

Job No: 281240

Figure No:

Date: March 2026

Scale: 1:100,000

Status: Final

# A23.6



0 125 250 375 500 Meters

Microsoft, Vantor

**Legend**

Proposed development boundary

Potential Roost Feature

PRF-I

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Bat Potential Roost Feature (PRF)  
Landfall site and  
Grid facility**

Job No: 281240

Date: November 2025

Scale: 1:4,500

Status: Final

Figure No:

**A23.7**



**Legend**

Proposed development boundary

Potential Roost Feature

PRF-I

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Bat Potential Roost Feature (PRF)  
Wx9 (Oberstown Stream)  
and Wx10 (Aldrumman Stream)**

Job No: 281240

Date: November 2025

Scale: 1:2,500

Status: Final

Figure No:

**A23.8**

Microsoft, Vantor



**Legend**  
 Proposed development boundary

Potential Roost Feature  
● PRF-I

**NISA**  
*North Irish Sea Array*

**ARUP**

Project  
**North Irish Sea Array  
 Offshore Wind Farm**

Figure Title  
**Bat Potential Roost Feature (PRF)  
 Wx9 (Oberstown Stream)  
 and Wx10 (Aldrumman Stream)**

**Job No:** 281240  
**Date:** November 2025  
**Scale:** 1:3,000  
**Status:** Final

**Figure No:**  
A23.9



**Legend**

Proposed development boundary

Potential Roost Feature

PRF-I

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Bat Potential Roost Feature (PRF)  
Blakes Cross North including  
Wx11 (Ballough Stream)**

Job No: 281240

Date: November 2025

Scale: 1:2,614

Status: Final

Figure No:

**A23.10**

Microsoft, Vantor



**Legend**

Proposed development boundary

Potential Roost Feature

PRF-I

PRF-M

**NISA**

*North Irish Sea Array*

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Bat Potential Roost Feature (PRF)  
M1 crossing**

Job No: 281240

Date: November 2025

Scale: 1:2,500

Status: Final

Figure No:

**A23.11**

0 50 100 150 200 Meters

Microsoft, Vantor



0 25 50 75 100 Meters

Microsoft, Vantor

**Legend**

Proposed development boundary

Potential Roost Feature

PRF-I

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Bat Potential Roost Feature (PRF)  
Wx20 (Gaybrook Stream)**

Job No: 281240

Date: November 2025

Scale: 1:650

Status: Final

Figure No:

**A23.12**



**Legend**  
 Proposed development boundary

Potential Roost Feature  
● PRF-I  
● PRF-M

**NISA**  
*North Irish Sea Array*

**ARUP**

Project  
**North Irish Sea Array  
 Offshore Wind Farm**

Figure Title  
**Bat Potential Roost Feature (PRF)  
 Wx22 (Sluice Stream)**

Job No: 281240  
 Date: November 2025  
 Scale: 1:1,600  
 Status: Final

Figure No:  
**A23.13**



**Legend**

 Proposed development boundary

Potential Roost Feature

 PRF-I

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Bat Potential Roost Feature (PRF)  
Belcamp substation**

Job No: 281240

Date: November 2025

Scale: 1:1,969

Status: Final

Figure No:

**A23.14**



**Legend**

Proposed development boundary

Potential Roost Feature

PRF-M

Moderate

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Bat Potential Roost Feature (PRF)  
Wx14 (Turvey Stream)**

Job No: 281240

Date: November 2025

Scale: 1:1,290

Status: Final

Figure No:

**A23.15**



- Legend**
- Proposed development boundary
- Layer
- Bat transect route 24/07/2025
- Bat Species
- Nyctalus leisleri
  - Pipistrellus pipistrellus
  - Pipistrellus pygmaeus

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Bat transect results  
24/07/2025  
Landfall site and Grid facility**

<b>Job No:</b> 281240	<b>Figure No:</b>
<b>Date:</b> November 2025	<b>A23.16</b>
<b>Scale:</b> 1:4,000	
<b>Status:</b> Final	

Microsoft, Vantor



**Legend**

Proposed development boundary

Red and Amber listed bird species

Breeding Season 2024

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Breeding birds 2024  
Red and Amber listed species  
Landfall site and Grid facility**

Job No: 281240  
Date: November 2025  
Scale: 1:4,900  
Status: Final


Figure No:  
**A23.17**



**Legend**

 Proposed development boundary

Red and Amber listed bird species

 Breeding Season 2024

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Breeding birds 2024  
Red and Amber listed species  
Wx09 (Oberstown Stream) and  
Wx10 (Aldrumman Stream)**

Job No: 281240

Date: November 2025

Scale: 1:2,500

Status: Final

Figure No:

**A23.18**



**Legend**

Proposed development boundary

Red and Amber listed bird species

Breeding Season 2024

**NISA**  
*North Irish Sea Array*

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Breeding birds 2024  
Red and Amber listed species  
Blakes Cross North including  
Wx11 (Ballough Stream)**

Job No: 281240

Figure No:

Date: November 2025

**A23.19**

Scale: 1:3,500

Status: Final

0 125 250 375 500 Meters

Microsoft, Vantor



**Legend**

Proposed development boundary

Red and Amber listed bird species

Breeding Season 2024

**NISA**  
*North Irish Sea Array*

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Breeding birds 2024  
 Red and Amber listed species  
 Blakes Cross South including  
 Wx12 (Deanestown Stream)  
 and Wx13 (Ballyboghill Stream)**

Job No: 281240

Figure No:

Date: November 2025

**A23.20**

Scale: 1:3,500

Status: Final

0 125 250 375 500 Meters

Microsoft, Vantor



0 125 250 375 500 Meters

Microsoft Vantor

**Legend**

Proposed development boundary

Red and Amber listed bird species

Breeding Season 2024

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Breeding birds 2024  
Red and Amber listed species  
M1 Crossing**

Job No: 281240

Date: November 2025

Scale: 1:5,500

Status: Final

Figure No:

**A23.21**



- Legend**
- Proposed development boundary
  - Red and Amber listed bird species
  - Breeding Season 2024

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Breeding birds 2024  
Red and Amber listed species  
Malahide Estuary**

Job No: 281240  
Date: November 2025  
Scale: 1:7,300  
Status: Final

Figure No:  
**A23.22**



**Legend**

Proposed development boundary

Red and Amber listed bird species

Breeding Season 2024

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Breeding birds 2024  
Red and Amber listed species  
Wx22 (Sluice Stream)**

Job No: 281240

Date: November 2025

Scale: 1:4,000

Status: Final

Figure No:

**A23.23**

Microsoft, Vantor



**Legend**

Proposed development boundary

Red and Amber listed bird species

Breeding Season 2024

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Breeding birds 2024  
Red and Amber listed species  
Belcamp substation**

Job No: 281240

Date: November 2025

Scale: 1:3,500

Status: Final

Figure No:

**A23.24**



**Legend**

 Proposed development boundary

Red listed waterbird species

 Winter season 2023-2024

**NISA**  
North Irish Sea Array

**ARUP**

Project

**North Irish Sea Array  
Offshore Wind Farm**

Figure Title

**Winter waterbirds 2023-2024  
Red listed species  
Landfall site, Grid facility  
and extended north to Delvin**

Job No: 281240

Date: November 2025

Scale: 1:7,500

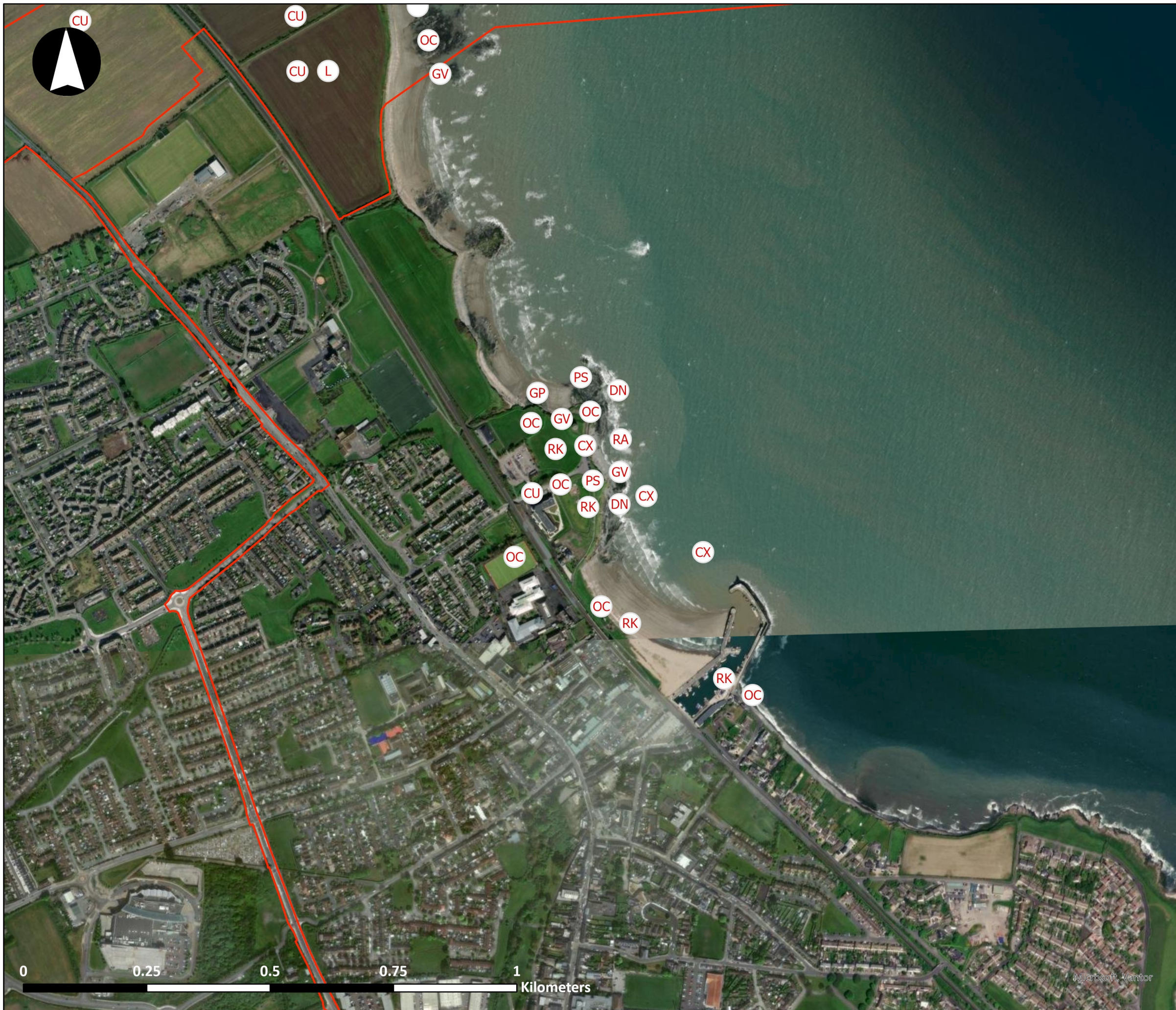
Status: Final

Figure No:

**A23.25**

Microsoft, Vantor





- Legend**
- Proposed development boundary
  - Red listed waterbird species
    - Winter season 2023-2024

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Winter waterbirds 2023-2024  
Red listed species  
Landfall site, Grid facility  
and extended south to  
Balbriggan Beach**

<b>Job No:</b> 281240	<b>Figure No:</b>
<b>Date:</b> November 2025	<b>A23.27</b>
<b>Scale:</b> 1:7,500	
<b>Status:</b> Final	



**Legend**

Proposed development boundary

Amber listed waterbird species

Winter season 2023-2024

**NISA**  
North Irish Sea Array

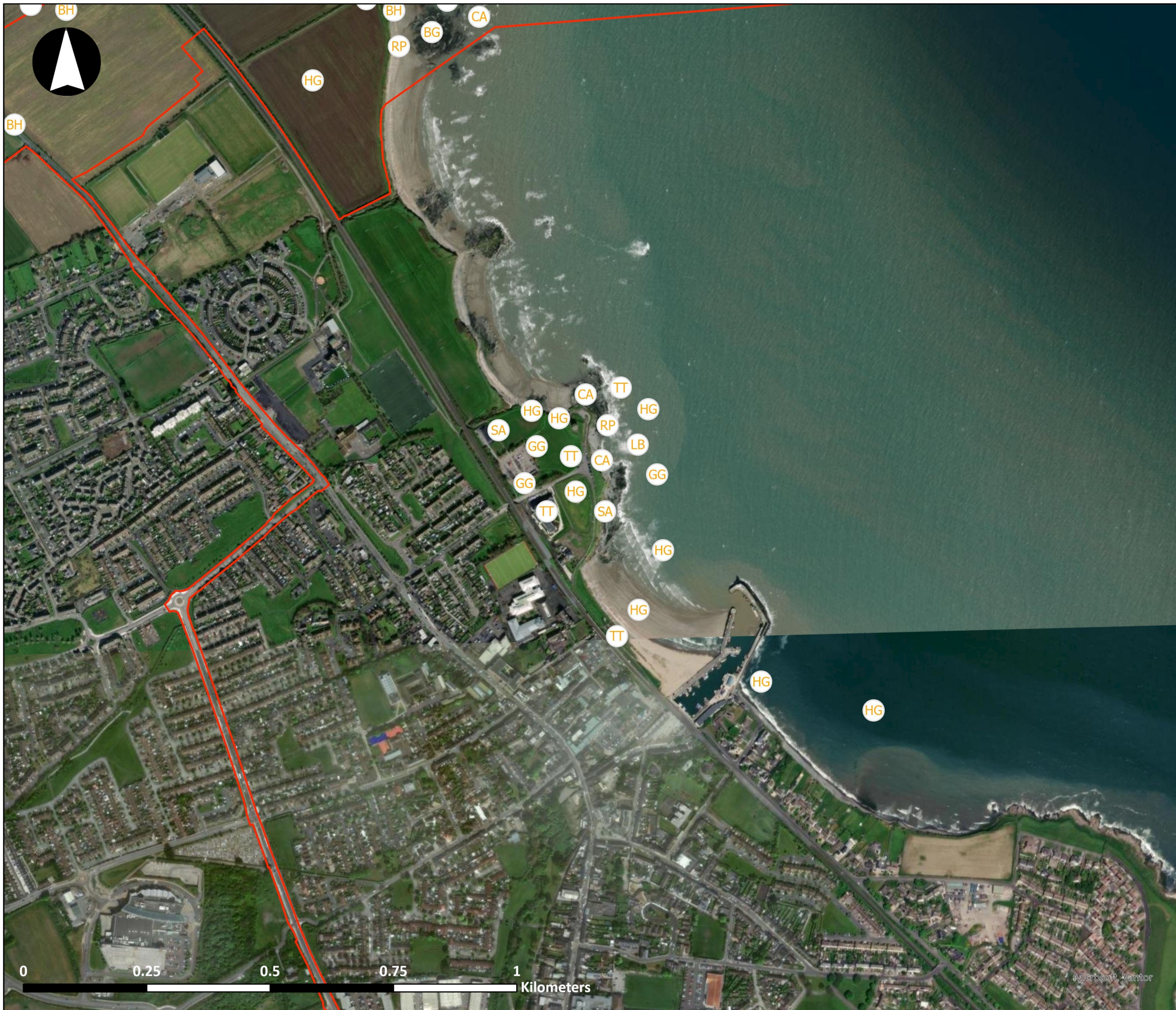
**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Winter waterbirds 2023-2024  
Amber listed species  
Landfall site, Grid facility  
and extended north to Delvin**

<b>Job No:</b> 281240	<b>Figure No:</b>
<b>Date:</b> November 2025	<b>A23.28</b>
<b>Scale:</b> 1:7,500	
<b>Status:</b> Final	





- Legend**
- Proposed development boundary
  - Amber listed waterbird species
  - Winter season 2023-2024

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Winter waterbirds 2023-2024  
Amber listed species  
Landfall site, Grid facility  
and extended south to  
Balbriggan Beach**

<b>Job No:</b> 281240	<b>Figure No:</b>
<b>Date:</b> November 2025	<b>A23.30</b>
<b>Scale:</b> 1:7,500	
<b>Status:</b> Final	



- Legend**
- Proposed development boundary
  - Red listed waterbird species
  - Winter season 2023-2024

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Winter waterbirds 2023-2024  
Red listed species  
Malahide Estuary**

Job No: 281240  
Date: November 2025  
Scale: 1:9,000  
Status: Final

Figure No:  
**A23.31**

Microsoft Vantor



- Legend**
- Proposed development boundary
  - Amber listed waterbird species
  - Winter season 2023-2024

**NISA**  
North Irish Sea Array

**ARUP**

Project  
**North Irish Sea Array  
Offshore Wind Farm**

Figure Title  
**Winter waterbirds 2023-2024  
Amber listed species  
Malahide Estuary**

Job No: 281240  
Date: November 2025  
Scale: 1:9,000  
Status: Final

Figure No:  
**A23.32**