

Biodiversity: Terrestrial Habitats

Figure GC 8.5.1
UWF Grid Connection Study
Area for Terrestrial Habitats

Map Number:
Overview Map

Legend:

Subject Development:

— UWF Grid Connection
Construction Works Area

Study Area Extents:

— 50m Study Area from UWF Grid
Connection Construction Works Area

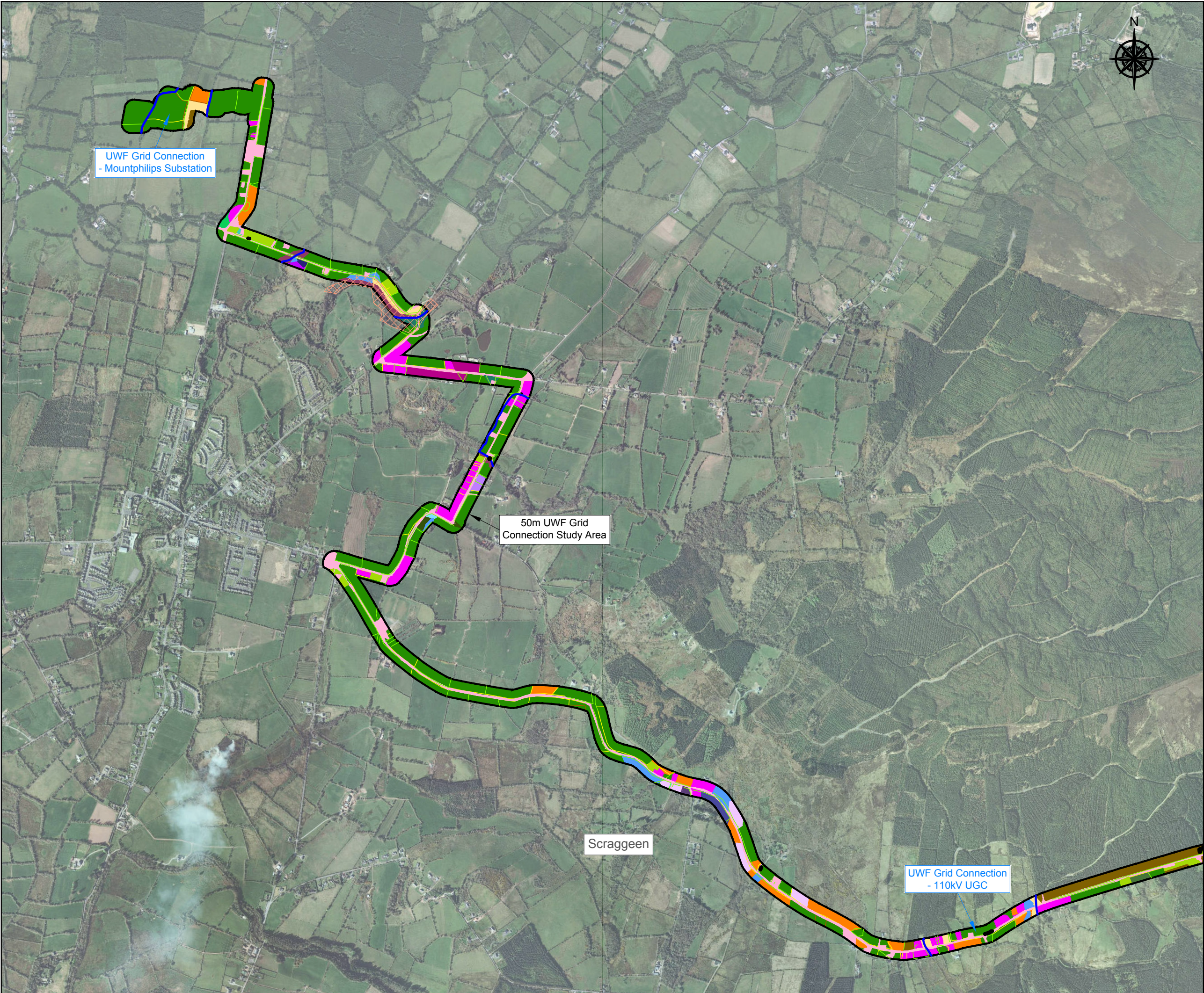
Project:
UWF Grid Connection (2019)

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Aoife Butler
Ecopower Developments Ltd
Zetec House,
Purcellsinn Business Park, Kilkenny
TEL: +353 56 7750140
MOB: +353 83 8805644

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Figure GC 8.5.2

UWF Grid Connection Study Area for Terrestrial Habitats

Map Number:
Map 1 of 4

Legend:

Study Area Extents :

50m Study Area from UWF Grid Connection Construction Works Area

Survey Results : Habitats

BL2	GS4/WD1
BL3	GS4/WS1
BL3/GA1	HD1
BL3/GA2	WD1
BL3/GA2/BC4	WD4
ED2/GA1	WD5
GA1	WN1
GA1/GS4	WN5
GA2	WN6
GA2/WS3	WS1
GS2	WS1/GS4
GS4	WS2

Survey Results: Linear Habitats

BL2	GS2
FW1	WL1
FW2	WL2
FW4	

Map Information

Invasive Species

Lower River Shannon SAC


Upland Eroding Streams

Keyplan:

Map 1 Map 2 Map 3 Map 4

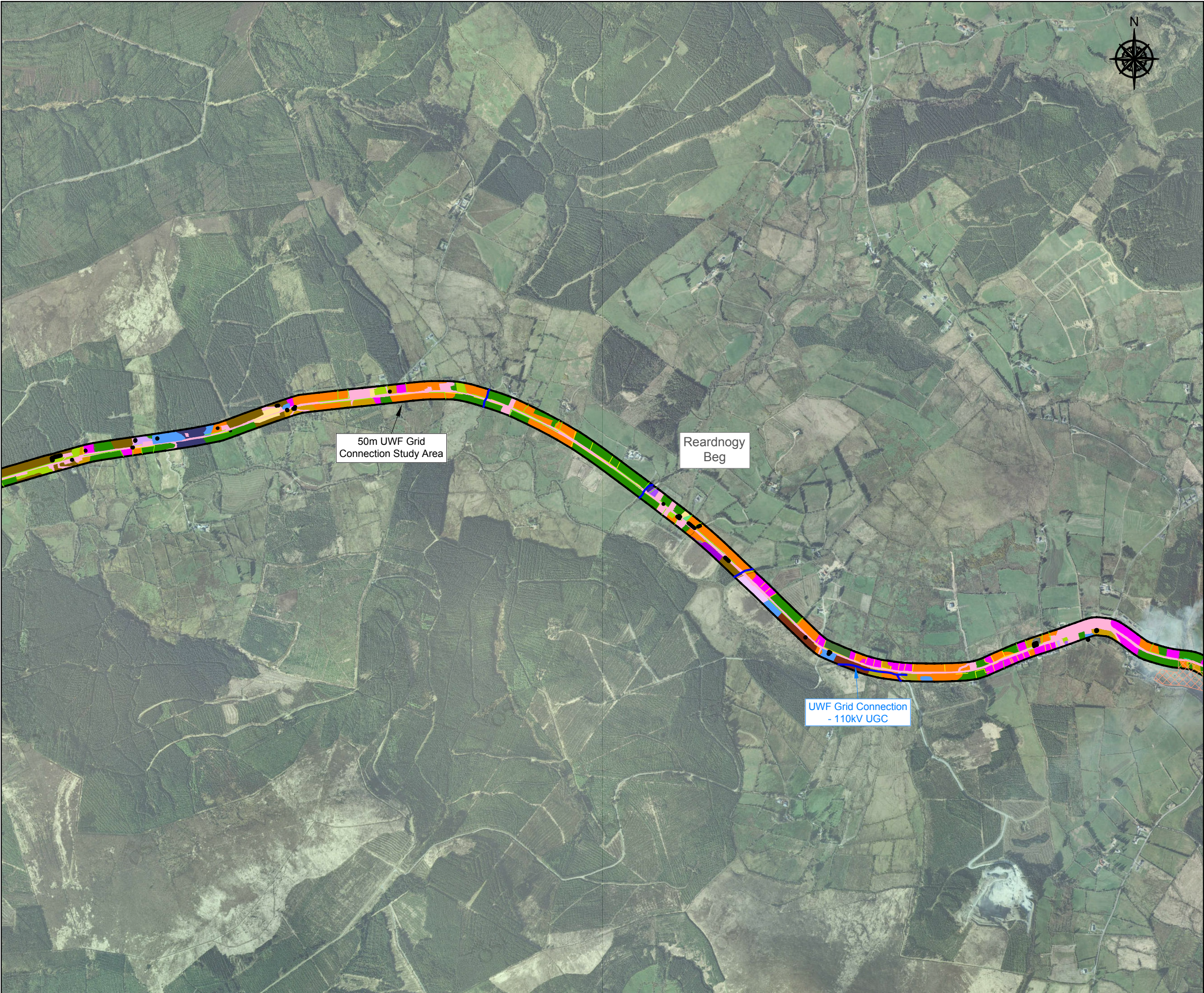
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Purcellsinn Business Park, Kilkenny
TEL: +353 56 7750140
MOB: +353 83 8805644

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Figure GC 8.5.3

UWF Grid Connection Study Area for Terrestrial Habitats

Map Number:
Map 2 of 4

Legend:

Study Area Extents :

— 50m Study Area from UWF Grid Connection Construction Works Area

Survey Results: Habitats

- | | |
|---------|---------|
| BL2 | GS4 |
| BL3/GA2 | GS4/WS1 |
| ED1 | PB3 |
| ED2 | WD1 |
| ED3 | WD2 |
| FS1 | WD4 |
| FS1/GS4 | WS1 |
| GA1 | WS1/BL2 |
| GA2 | WS1/GS4 |
| GA2/BL3 | WS5 |

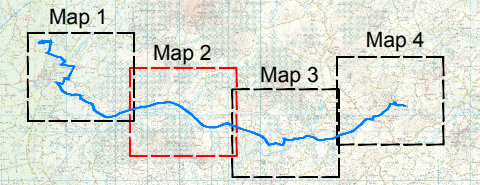
Survey Results: Linear Habitats

- | | |
|-----|-----|
| FW2 | WL1 |
| FW4 | WL2 |

Map Information

- Invasive Species
- ▨ Lower River Shannon SAC
- Upland Eroding Streams

Keyplan:



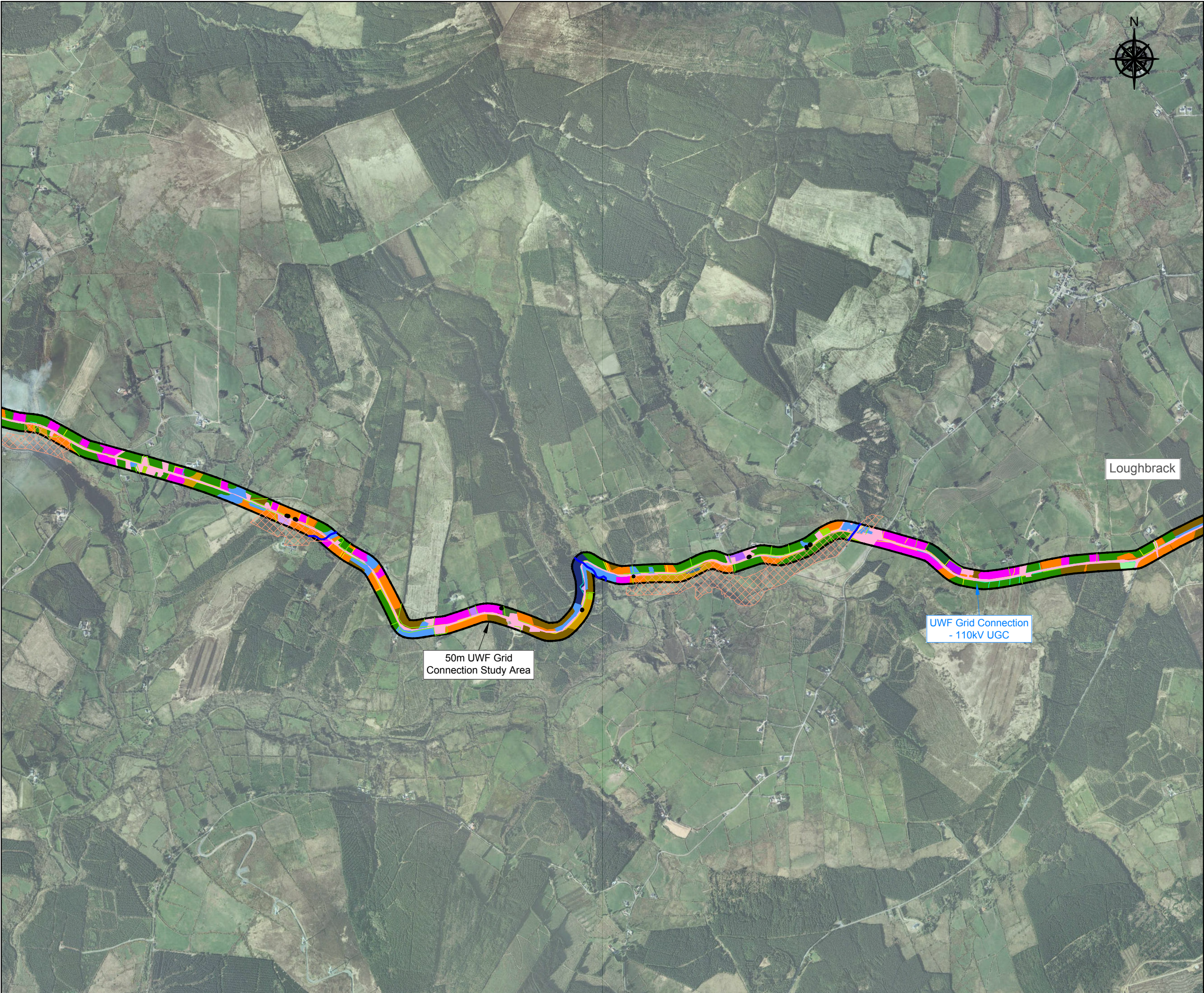
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Biodiversity: Terrestrial Habitats

Figure GC 8.5.4

UWF Grid Connection Study
Area for Terrestrial Habitats

Map Number:
Map 3 of 4

Legend:

Study Area Extents :

— 50m Study Area from UWF Grid
Connection Construction Works Area

Survey Results: Habitats

- | | |
|---------|---------|
| BL3 | GS4 |
| BL3/GA1 | GS4/HH3 |
| BL3/GA2 | GS4/WS1 |
| ED2 | WD1 |
| ED3 | WD2 |
| GA1 | WD4 |
| GA1/GS4 | WD4/WS1 |
| GA1/WS1 | WS1 |
| GA2 | WS1/WD2 |

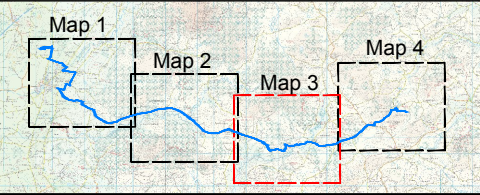
Survey Results: Linear Habitats

- | | |
|-----|-----|
| BL1 | WL1 |
| BL2 | WL2 |
| FW4 | |

Map Information

- Invasive Species
- ▨ Lower River Shannon SAC
- Upland Eroding Streams

Keyplan:



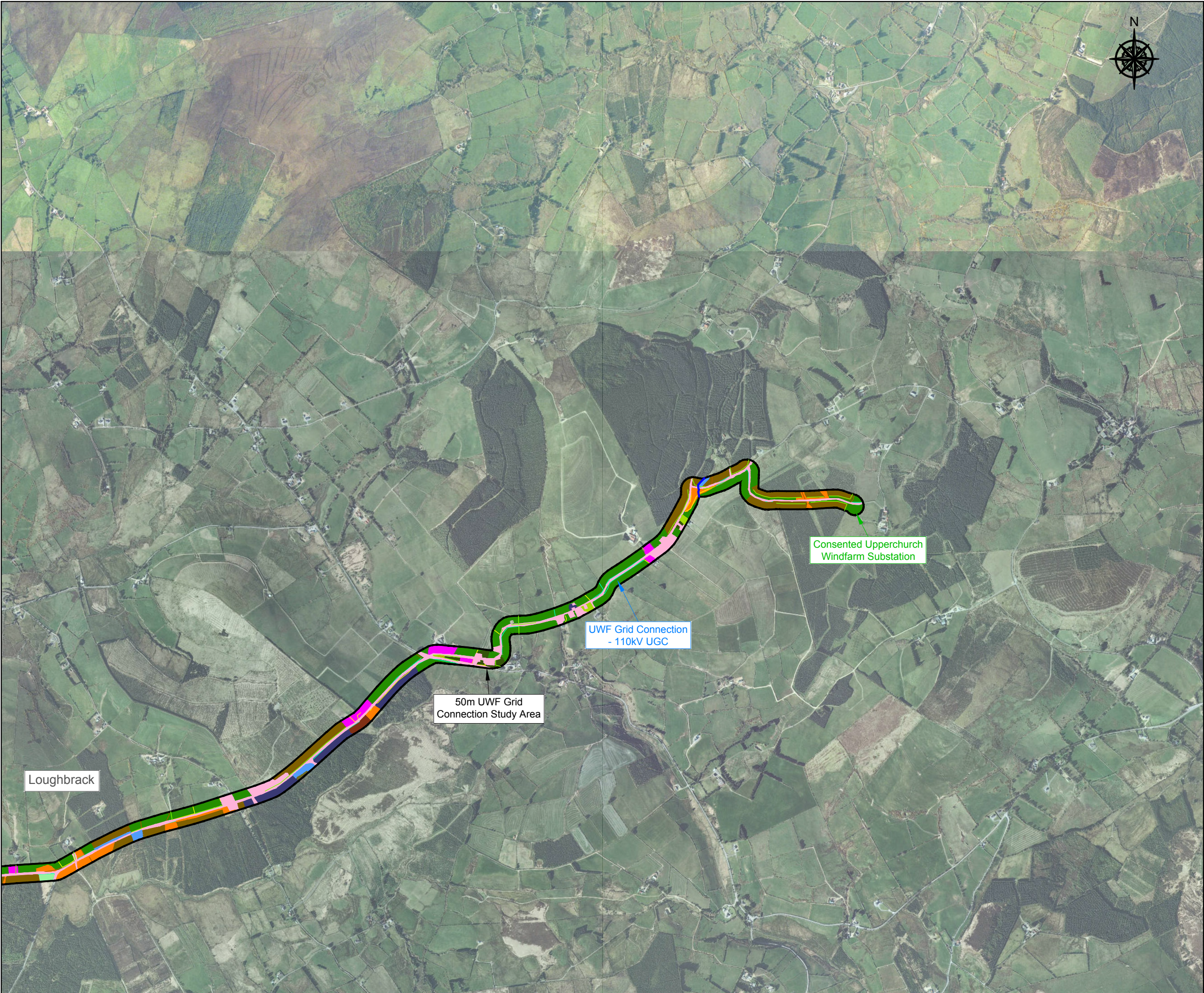
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MOB: +353 83 8805644

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Biodiversity: Terrestrial Habitats

Figure GC 8.5.5

UWF Grid Connection Study
Area for Terrestrial Habitats

Map Number:
Map 4 of 4

Legend:

Study Area Extents :

— 50m Study Area from UWF Grid
Connection Construction Works Area

Survey Results: Habitats

- | | |
|---------|---------|
| BL3 | GS4/HH3 |
| BL3/GA2 | PB4 |
| FS1/GS4 | WD1 |
| GA1 | WD2 |
| GA2 | WS1 |
| GS2 | WS5 |
| GS4 | |

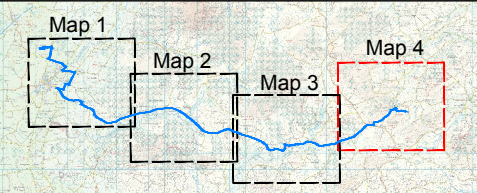
Survey Results: Linear Habitats

- | | |
|-----|-----|
| BL2 | WL1 |
| FW4 | WL2 |

Map Information

— Upland Eroding Streams

Keyplan:



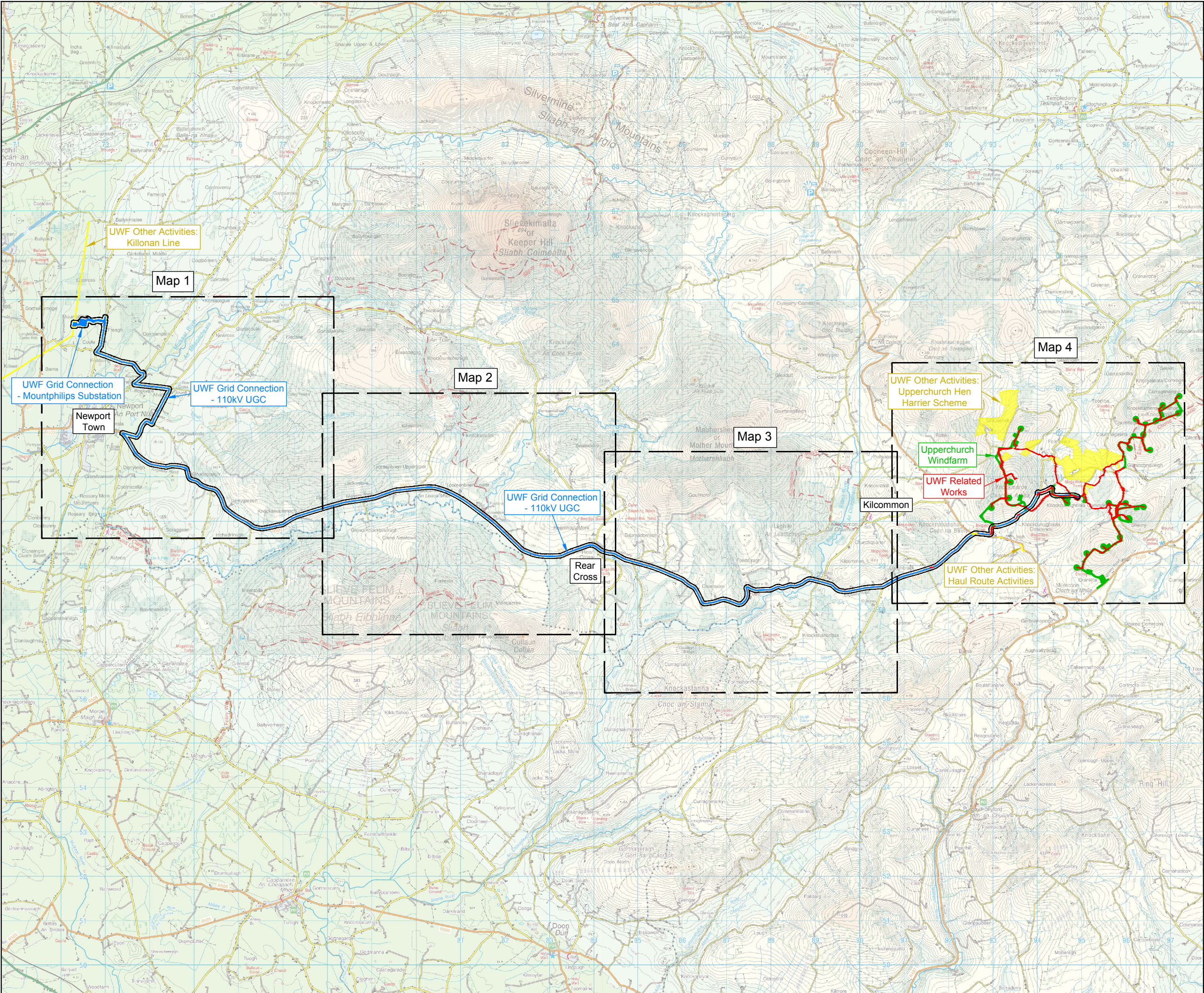
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MOB: +353 83 8805644

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Figure CE 8.5.1

UWF Grid Connection
Cumulative Evaluation Study
Area for Terrestrial Habitats

Map Number:
Overview Map

Legend:

Subject Development:

— UWF Grid Connection
Construction Works Area

Study Area Extents:

— 50m Study Area from UWF Grid
Connection Construction Works Area

Cumulative Evaluation Projects:

— UWF Related Works
Construction Works Area

— Upperchurch Windfarm
Construction Works Area

UWF Other Activities:
- Upperchurch Hen Harrier Scheme
- Haul Route Activities
- Killonan Line

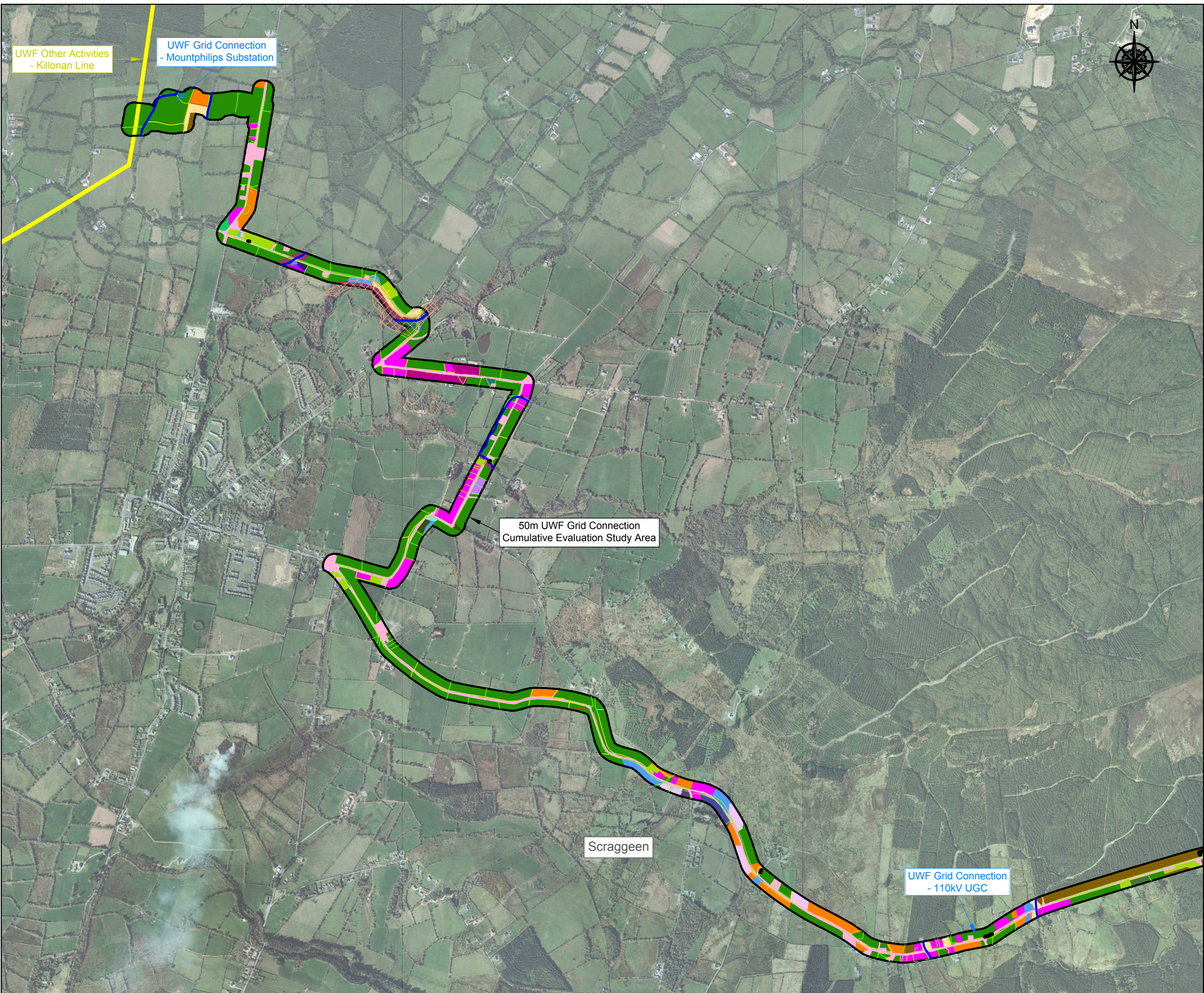


Project:
UWF Grid Connection (2019)

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Aoife Butler
Ecopower Developments Ltd
Zetec House,
Purcellsinn Business Park, Kilkenny
TEL: +353 56 7750140
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UWF Other Activities
- Killonan Line

UWF Grid Connection
- Mountphilips Substation

50m UWF Grid Connection
Cumulative Evaluation Study Area

Scraggeen

UWF Grid Connection
- 110kV UGC

Biodiversity: Terrestrial Habitats

Figure CE 8.5.2

UWF Grid Connection
Cumulative Evaluation Study
Area for Terrestrial Habitats

Map Number:

Map 1 of 4

Legend:

Study Area Extents :

— 50m Study Area from UWF Grid
Connection Construction Works Area

Cumulative Evaluation Projects :

— UWF Other Activities: Killonan Line

Survey Results: Habitats

BL2	GS4/WD1
BL3	GS4/WS1
BL3/GA1	HD1
BL3/GA2	WD1
BL3/GA2/BC4	WD4
ED2/GA1	WD5
GA1	WN1
GA1/GS4	WN5
GA2	WN6
GA2/WS3	WS1
GS2	WS1/GS4
GS4	WS2

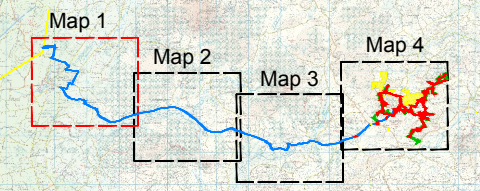
Survey Results: Linear Habitats

BL2	GS2
FW2	WL1
FW1	WL2
FW4	

Map Information

- Invasive Species
- ▨ Lower River Shannon SAC
- Upland Eroding Streams

Keyplan:



Project:

UWF Grid Connection (2019)

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Date:

October

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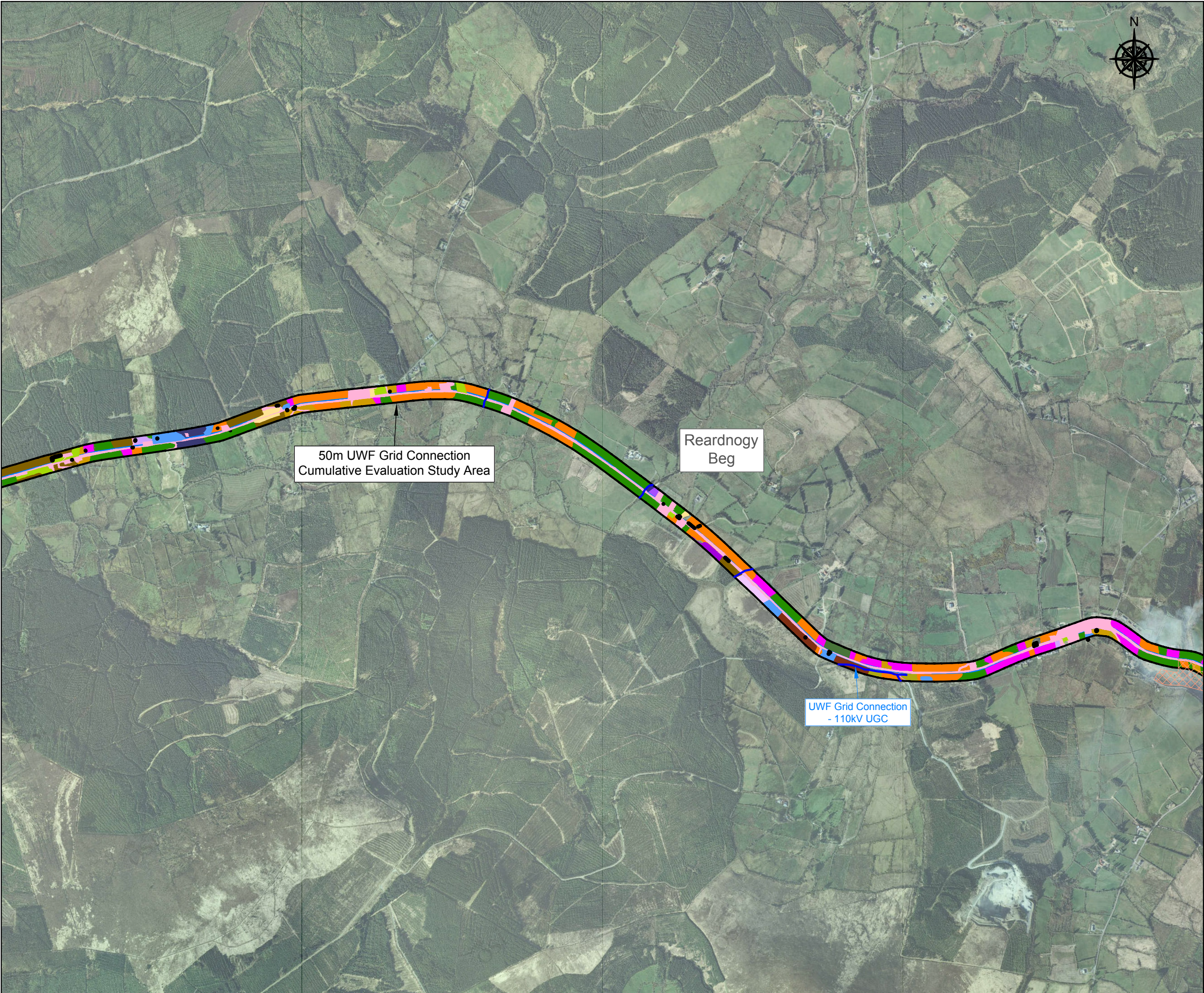
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Aoife Butler
Ecopower Developments Ltd
Zetec House,
Purcellsinnh Business Park, Kilkenny
TEL: +353 56 7750140
MOB: +353 83 8805644

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Biodiversity: Terrestrial Habitats

Figure CE 8.5.3

UWF Grid Connection
Cumulative Evaluation Study
Area for Terrestrial Habitats

Map Number:
Map 2 of 4

Legend:

Study Area Extents :

— 50m Study Area from UWF Grid
Connection Construction Works Area

Survey Results: Habitats

- | | |
|---------|---------|
| BL2 | GS4 |
| BL3/GA2 | GS4/WS1 |
| ED1 | PB3 |
| ED2 | WD1 |
| ED3 | WD2 |
| FS1 | WD4 |
| FS1/GS4 | WS1 |
| GA1 | WS1/BL2 |
| GA2 | WS1/GS4 |
| GA2/BL3 | WS5 |

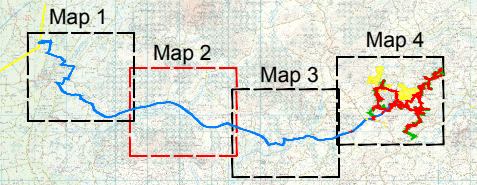
Survey Results: Linear Habitats

- | | |
|-----|-----|
| FW2 | WL1 |
| FW4 | WL2 |

Map Information

- Invasive Species
- ▨ Lower River Shannon SAC
- Upland Eroding Streams

Keyplan:



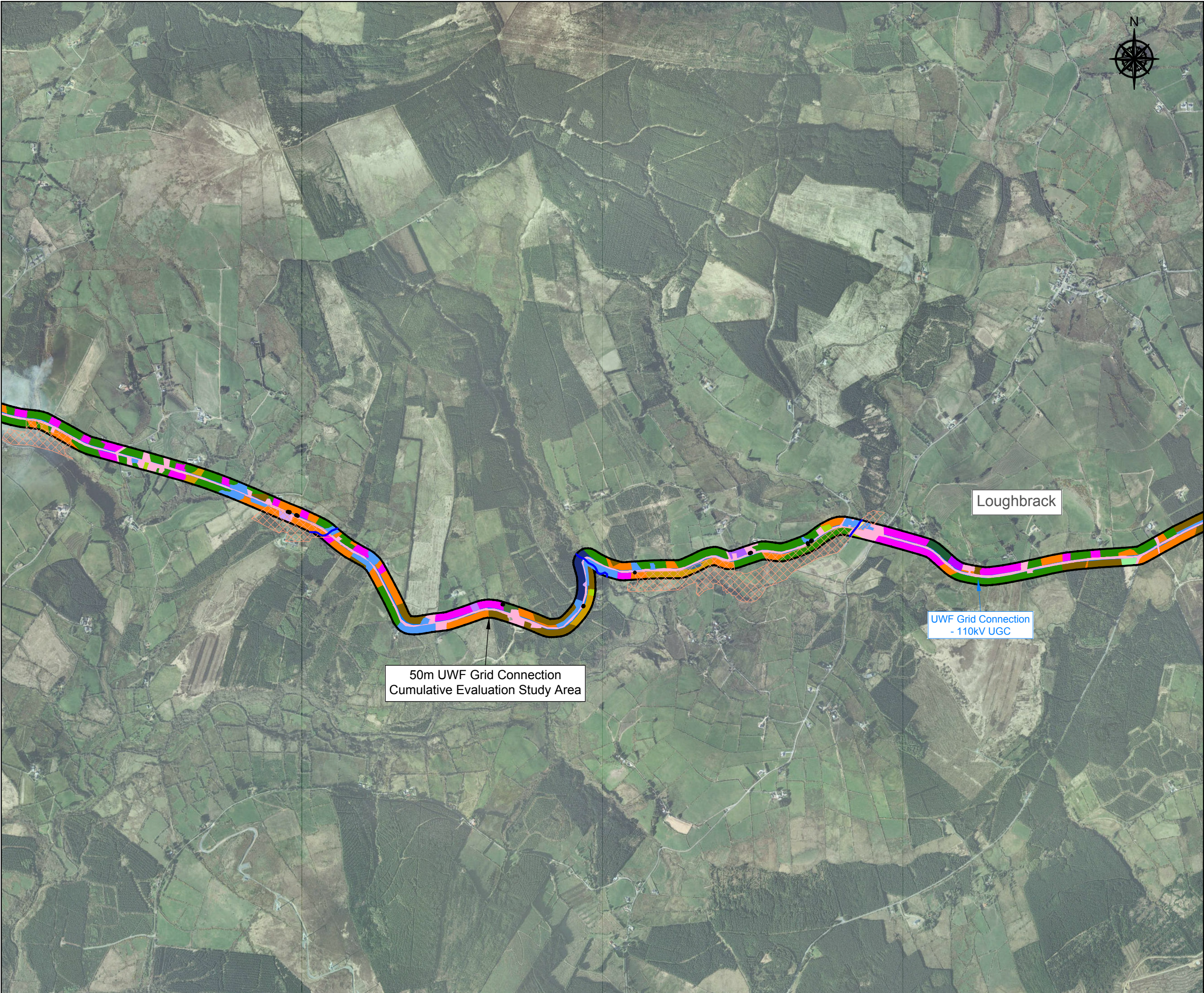
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Biodiversity: Terrestrial Habitats

Figure CE 8.5.4

UWF Grid Connection
Cumulative Evaluation Study
Area for Terrestrial Habitats

Map Number:
Map 3 of 4

Legend:

Study Area Extents :

— 50m Study Area from UWF Grid
Connection Construction Works Area

Survey Results: Habitats

BL3	GS4
BL3/GA1	GS4/HH3
BL3/GA2	GS4/WS1
ED2	WD1
ED3	WD2
GA1	WD4
GA1/GS4	WD4/WS1
GA1/WS1	WS1
GA2	WS1/WD2

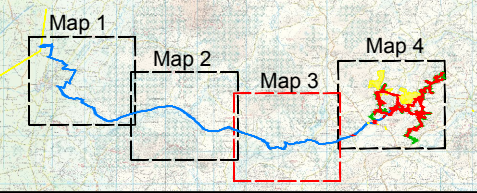
Survey Results: Linear Habitats

BL1	WL1
BL2	WL2
FW4	

Map Information

- Invasive Species
- ▨ Lower River Shannon SAC
- Upland Eroding Streams

Keyplan:



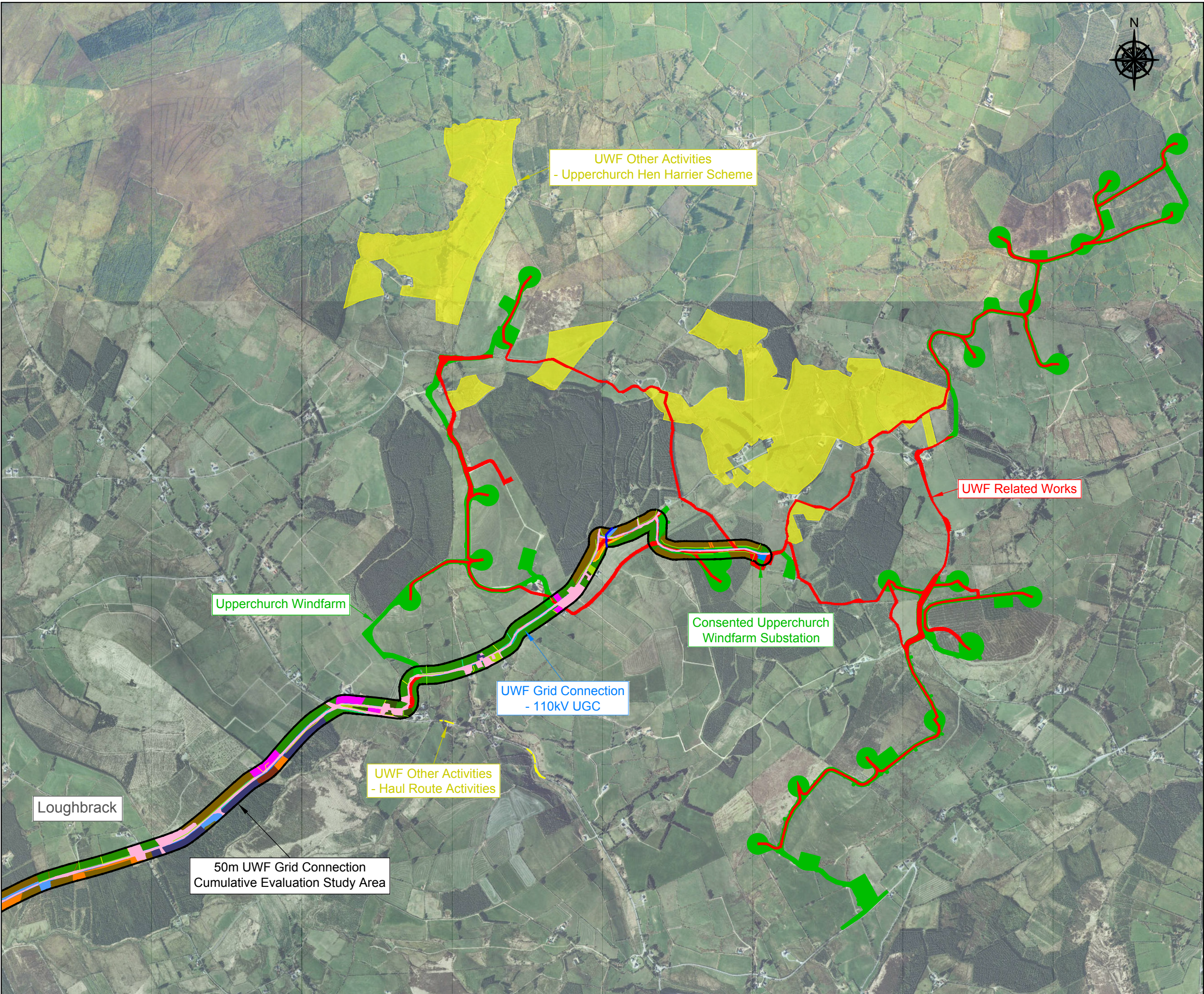
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Purcellsinn Business Park, Kilkenny
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MOB: +353 83 8805644

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Biodiversity: Terrestrial Habitats

Figure CE 8.5.5

UWF Grid Connection
Cumulative Evaluation Study
Area for Terrestrial Habitats

Map Number:
Map 4 of 4

Legend:

Study Area Extends :

— 50m Study Area from UWF Grid
Connection Construction Works Area

Cumulative Evaluation Projects :

— UWF Related Works
Construction Works Area

— Upperchurch Windfarm
Construction Works Area

UWF Other Activities:
- Upperchurch Hen Harrier Scheme
- Haul Route Activities

Survey Results: Habitats

BL3	GS4/HH3
BL3/GA2	PB4
FS1/GS4	WD1
GA1	WD2
GA2	WS1
GS2	WS5
GS4	

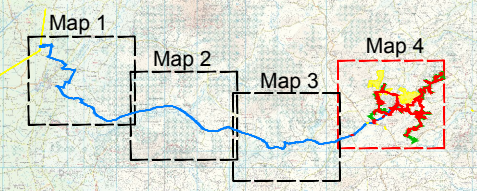
Survey Results: Linear Habitats

BL2	WL1
FW4	WL2

Map Information

— Upland Eroding Streams

Keyplan:



Project:
UWF Grid Connection (2019)

Drawn by:	Checked by:	Date:	Sheet Size:
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Figure WP 8.5.1

Whole Project Study Area
for Terrestrial Habitats

Map Number:
Overview Map

Legend:

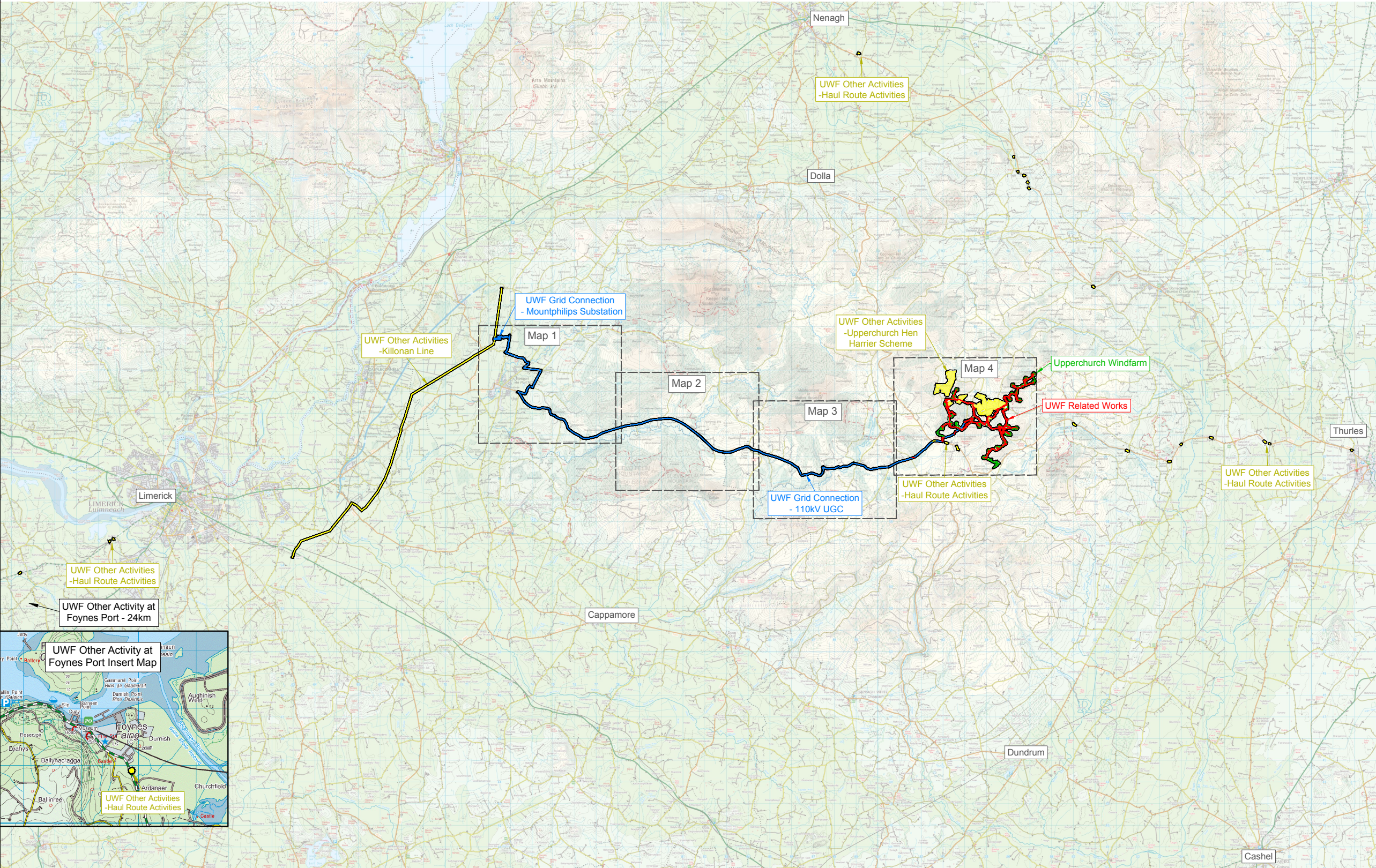
Elements of the Whole UWF Project
Study Area Extends :

- 50m Study Area from all Construction Works Area
- UWF Grid Connection Construction Works Area
- UWF Related Works Construction Works Area
- Upperchurch Windfarm Construction Works Area

- UWF Other Activities:
- Upperchurch Hen Harrier Scheme
 - Haul Route Activities
 - Killonan Line

Survey Results :

Survey Results shown in zoomed in map



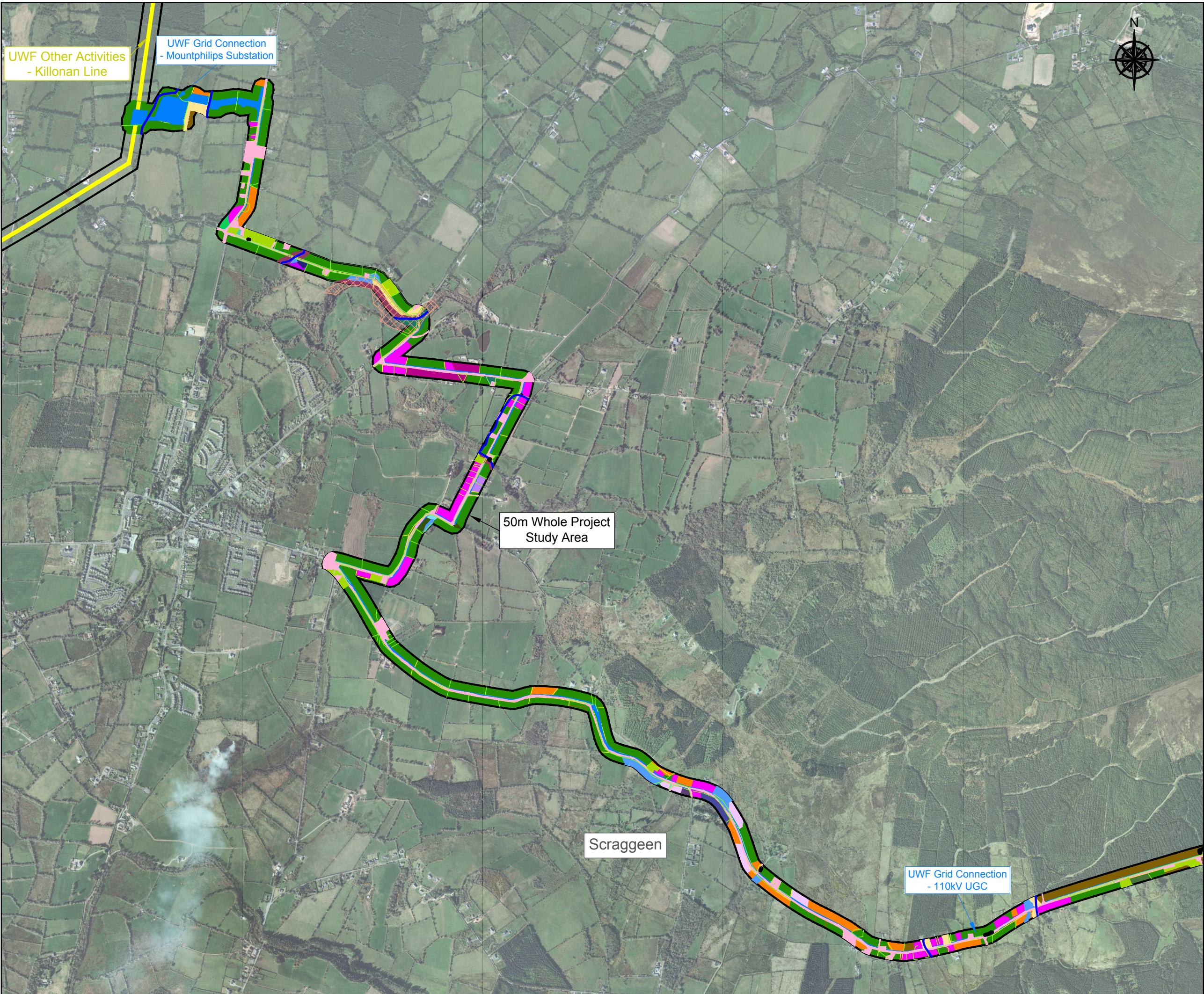
Project:
UWF Grid Connection (2019)

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Ecopower Developments Ltd
Zetec House,
Purcellsinch Business Park, Kilkenny
TEL: +353 56 7750140
MOB: +353 83 8805644



Biodiversity: Terrestrial Habitats

Figure WP 8.5.2

Whole Project Study Area
for Terrestrial Habitats

Map Number:
Map 1 of 4

Legend:

Elements of the Whole UWF Project
Study Area Extents :

— 50m Study Area from all
Construction Works Areas

— UWF Other Activities: Killonan Line

Survey Results: Habitats

BL2	GS4/WD1
BL3	GS4/WS1
BL3/GA1	HD1
BL3/GA2	WD1
BL3/GA2/BC4	WD4
ED2/GA1	WD5
GA1	WN1
GA1/GS4	WN5
GA2	WN6
GA2/WS3	WS1
GS2	WS1/GS4
GS4	WS2

Survey Results: Linear Habitats

BL2	GS2
FW1	WL1
FW2	WL2
FW4	

Map Information

● Invasive Species

▨ Lower River Shannon SAC

— Upland Eroding Streams

Keyplan:

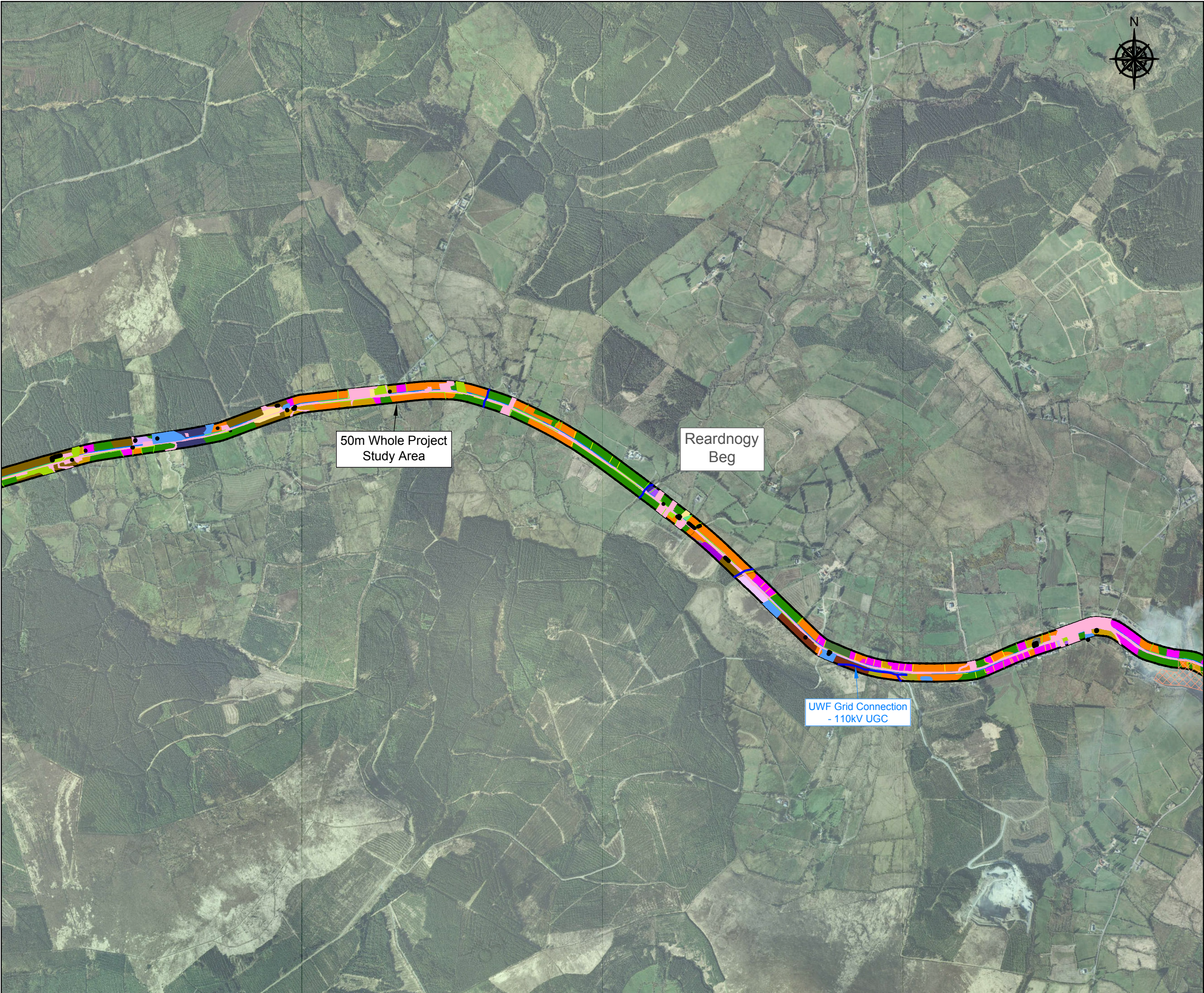
Project:

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Purcellsinn Business Park, Kilkenny
TEL: +353 56 7750140
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Biodiversity: Terrestrial Habitats

Figure WP 8.5.3

Whole Project Study Area
for Terrestrial Habitats

Map Number:
Map 2 of 4

Legend:

Study Area Extents :

— 50m Study Area from UWF
all Construction Works Areas

Survey Results: Habitats

BL2	GS4
BL3/GA2	GS4/WS1
ED1	PB3
ED2	WD1
ED3	WD2
FS1	WD4
FS1/GS4	WS1
GA1	WS1/BL2
GA2	WS1/GS4
GA2/BL3	WS5

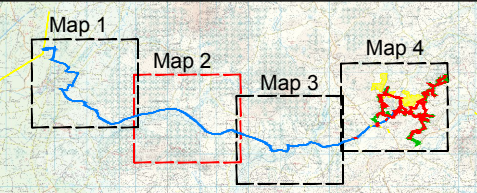
Survey Results: Linear Habitats

FW2	WL1
FW4	WL2

Map Information

- Invasive Species
- ▨ Lower River Shannon SAC
- Upland Eroding Streams

Keyplan:



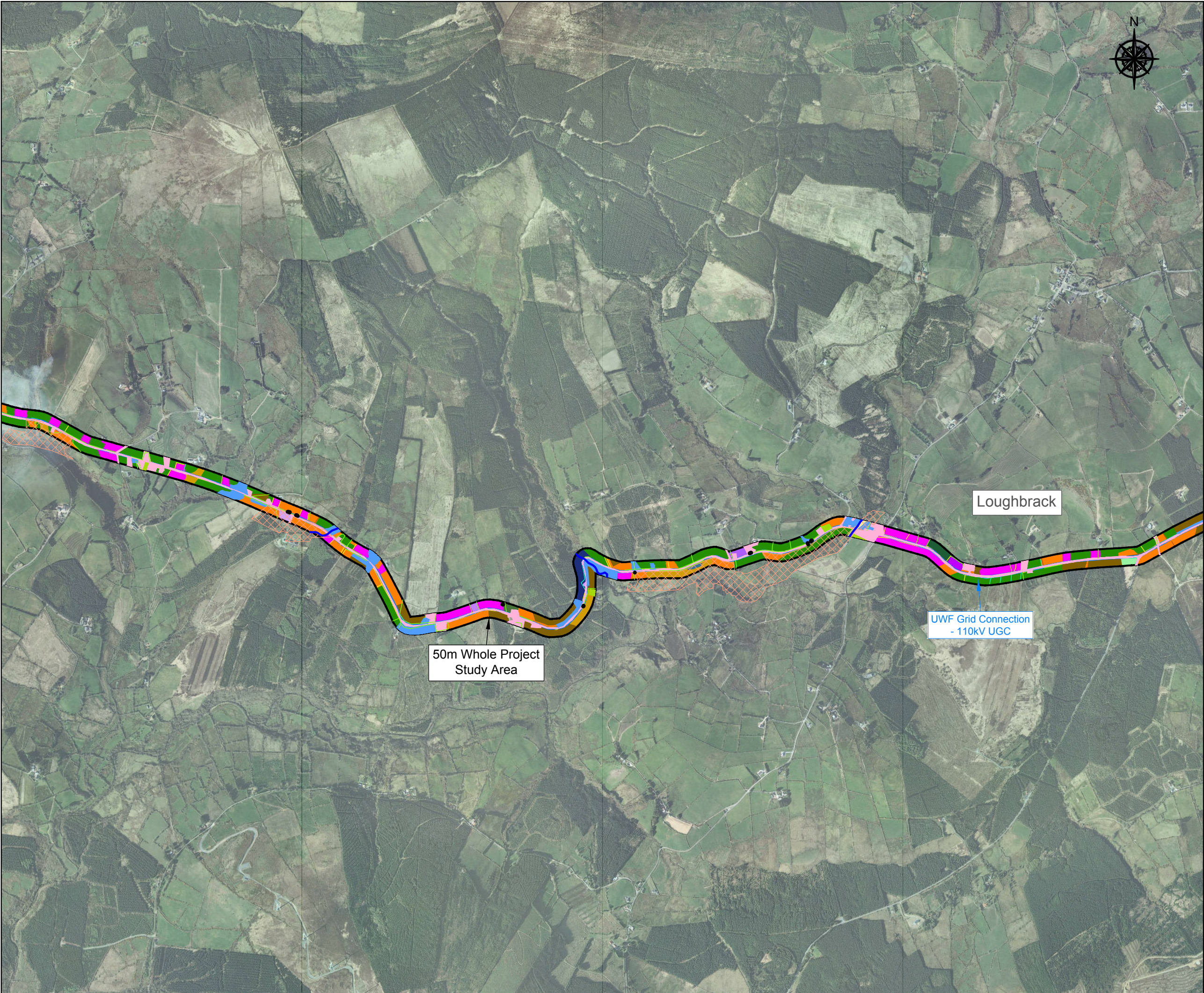
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Biodiversity: Terrestrial Habitats

Figure WP 8.5.4

Whole Project Study Area
for Terrestrial Habitats

Map Number:
Map 3 of 4

Legend:

Study Area Extents :

— 50m Study Area from all
Construction Works Areas

Survey Results: Habitats

BL3	GS4
BL3/GA1	GS4/HH3
BL3/GA2	GS4/WS1
ED2	WD1
ED3	WD2
GA1	WD4
GA1/GS4	WD4/WS1
GA1/WS1	WS1
GA2	WS1/WD2

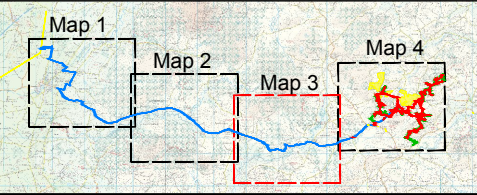
Survey Results: Linear Habitats

BL1	WL1
BL2	WL2
FW4	

Map Information

- Invasive Species
- ▨ Lower River Shannon SAC
- Upland Eroding Streams

Keyplan:



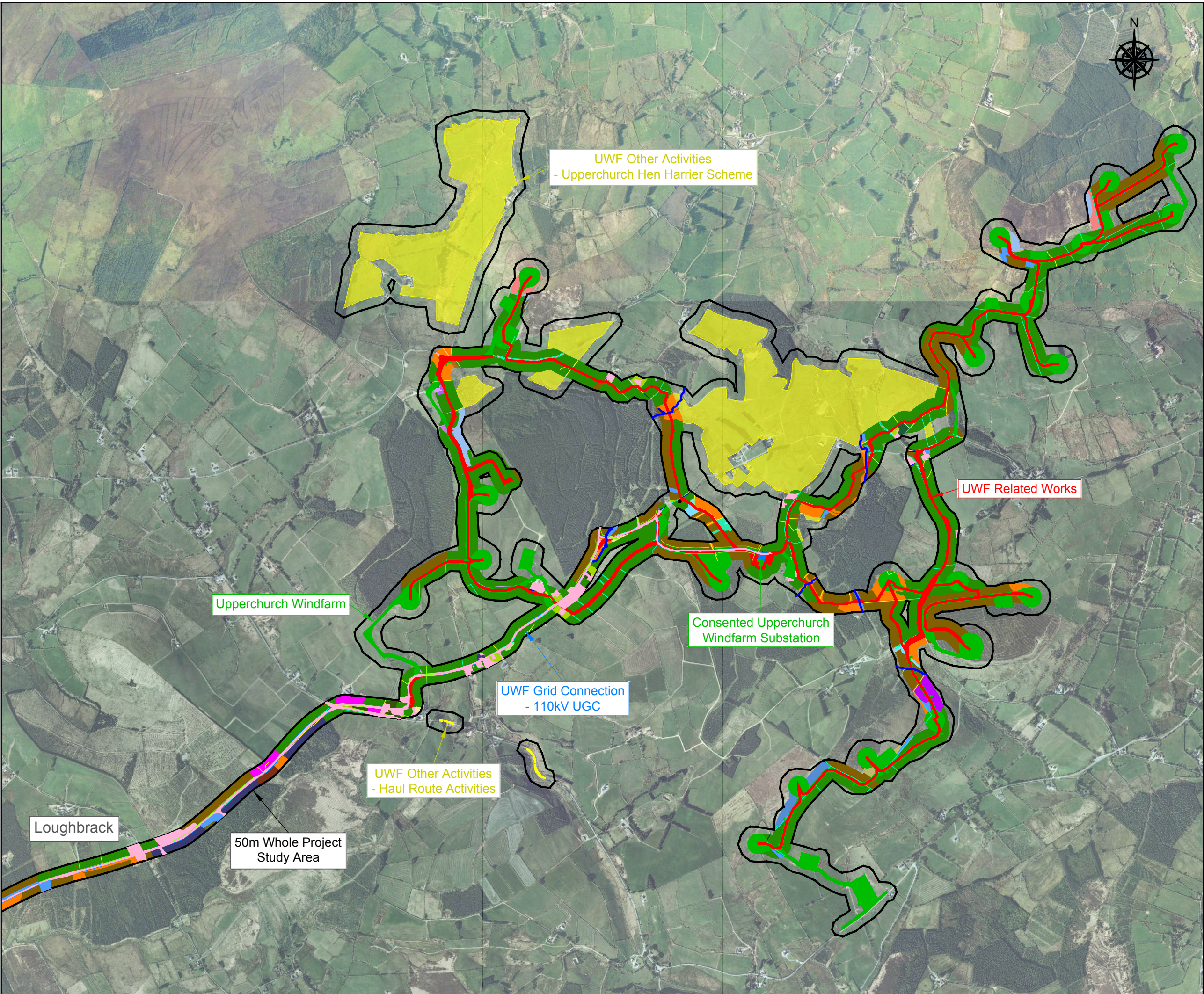
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UWF Grid Connection (2019)

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Biodiversity: Terrestrial Habitats

Figure WP 8.5.5

Whole Project Study Area
for Terrestrial Habitats

Map Number:
Map 4 of 4

Legend:

Elements of the Whole UWF Project:

- UWF Grid Connection
Construction Works Area
- UWF Related Works
Construction Works Area
- Upperchurch Windfarm
Construction Works Area
- UWF Other Activities:
 - Upperchurch Hen Harrier Scheme
 - Haul Route Activities

Study Area Extents:

- 50m Study Area from all
Construction Works Areas

Survey Results: Habitats

BL3	GS3/HH3	PB4
BL3/GA2	GS4	WD1
ED2	GS4/HH3	WD2
ED3	GS4/WS1	WD4
FS1/GS4	HH1/GS4	WL1
GA1	HH3	WL2
GA1/GS4	PB2	WS1
GA1/WS1	GS2	WS2
GA2	GS3	WS2/GS4
WS5	PB2/GS4	

Survey Results: Linear Habitats

BL2	GS2
BL3	WL1
FW1	WL1/WL2
FW2	WL2
FW4	

Other Habitats:

- Upland Eroding Streams
- Invasive Species

Keyplan:

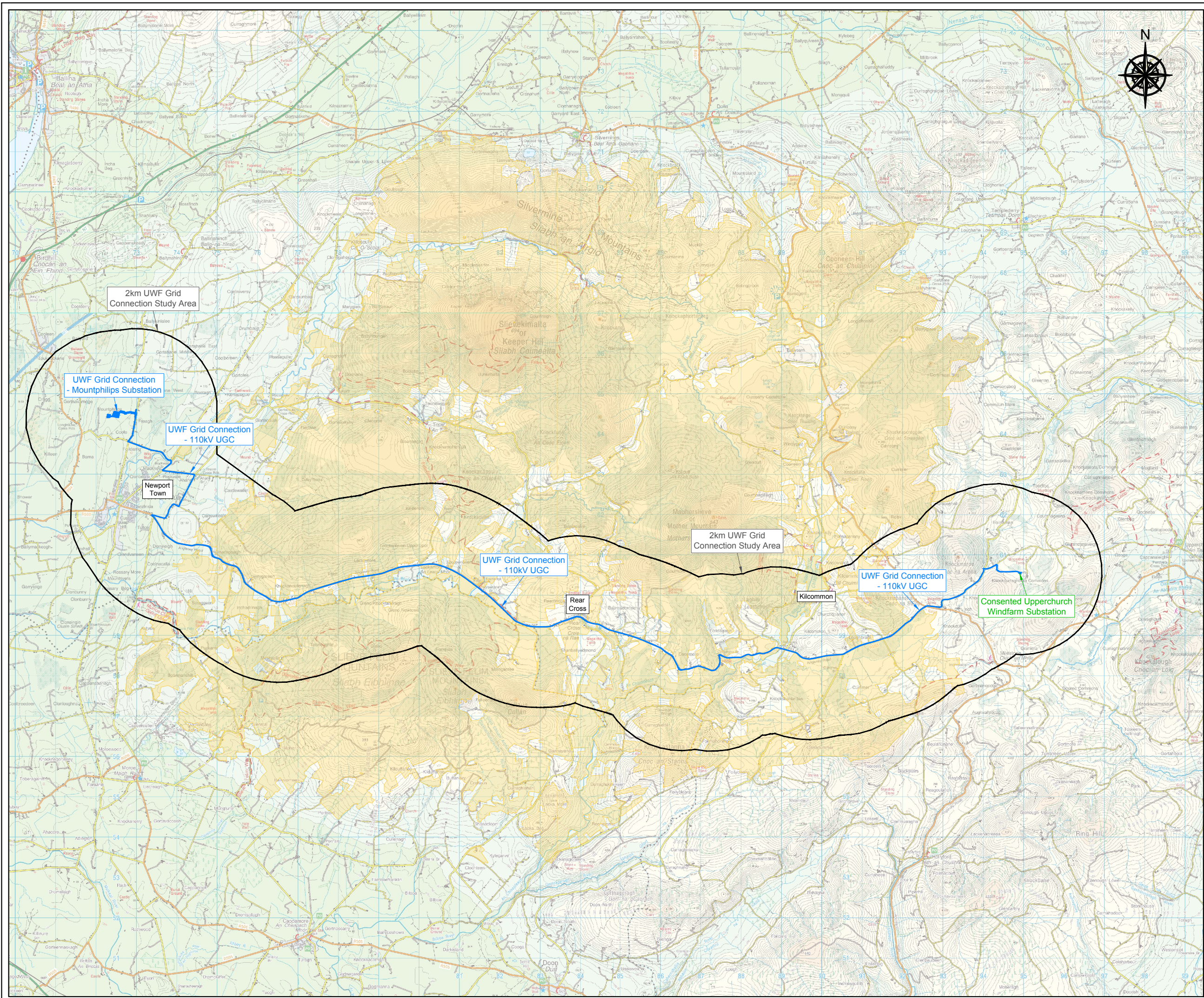
Map 1 Map 2 Map 3 Map 4

Project:
UWF Grid Connection (2019)

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Biodiversity: Hen Harrier

Figure GC 8.6.1

UWF Grid Connection Study Area for Hen Harrier

Map Number:

Map 1 of 1

Legend:

Subject Development:

— UWF Grid Connection
Construction Works Area

Study Area Extents:

— 2km Study Area
- UWF Grid Connection
Construction Works Area

Survey Results :

As per Chapter 8, Section 8.6.1

Table: Identified Hen Harrier Nests within 3km of the proposed UWF Grid Connection, 2016-2019

Nest	Distance to UWF Grid Connection (km)	Most recent year when active
A	0.6	2016
B	1.0	2019
C	0.9	2019
D	1.5	2019
E	1.8	2019
F	2.0	2019
G1	1.8	2019
G2	2.0	
G3	1.9	
H1	2.6	2019
H2	3.2	
I	2.4	2016
J	2.6	2017

Note: In line with Best Practice, the townlands/precise locations of nests are not provided, to protect the Hen Harrier.

Map Information:

— Slievefelim to Silvermines SPA

Project:

UWF Grid Connection (2019)

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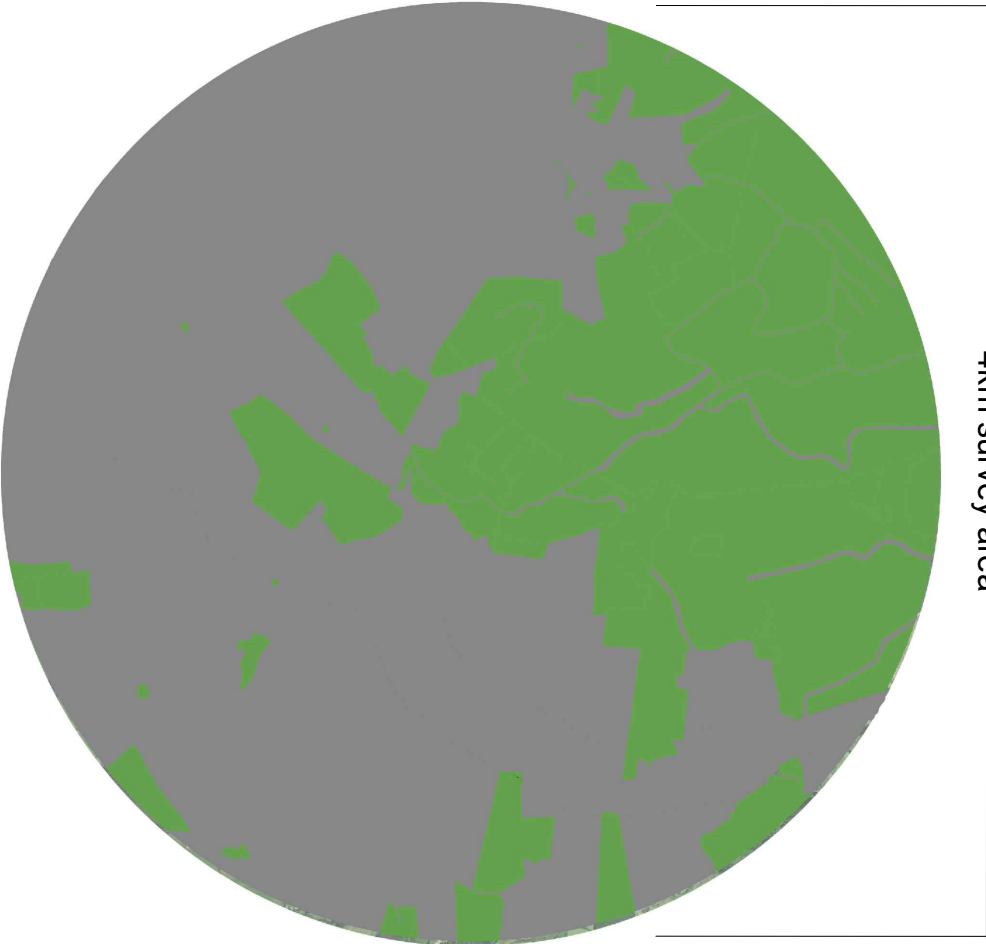
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Nest A: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.1

Habitat Suitability within the

Core Foraging Range of

Hen Harrier Nests

Nest A

Nest Site A

Distance 110kV UGC: 0.6km

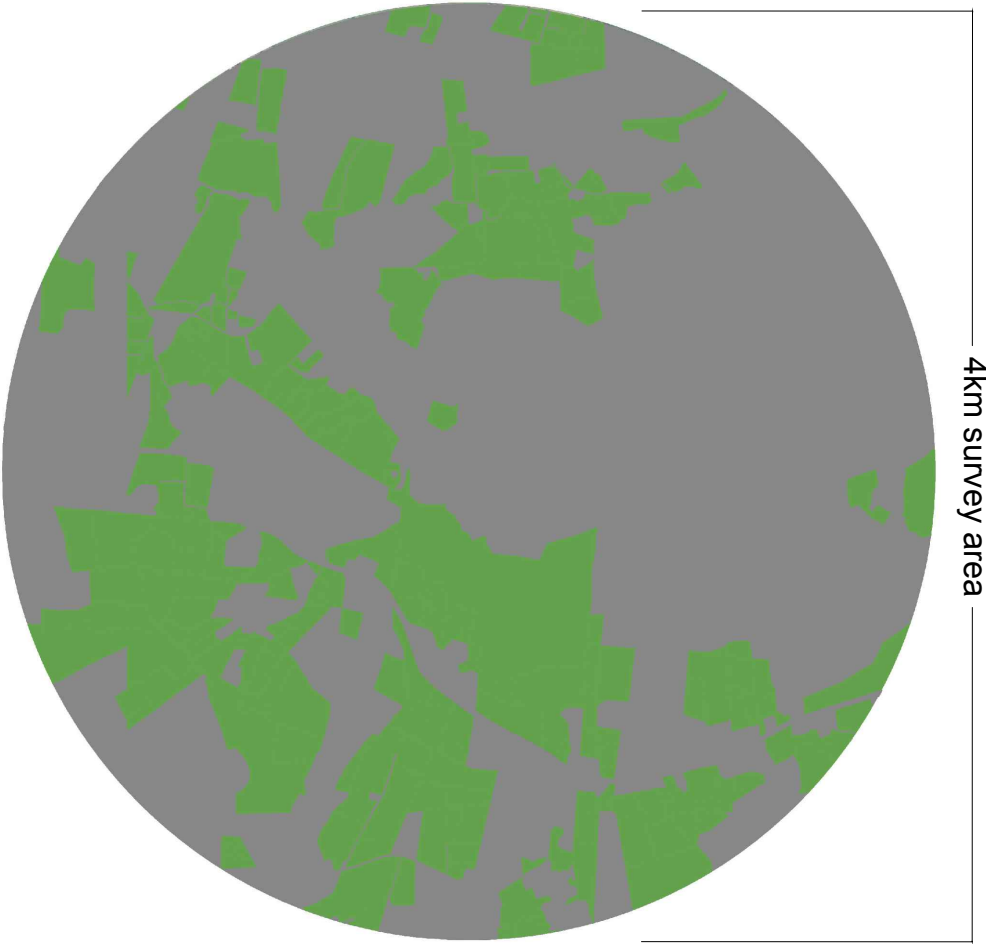
Last active: 2016

Nest A: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

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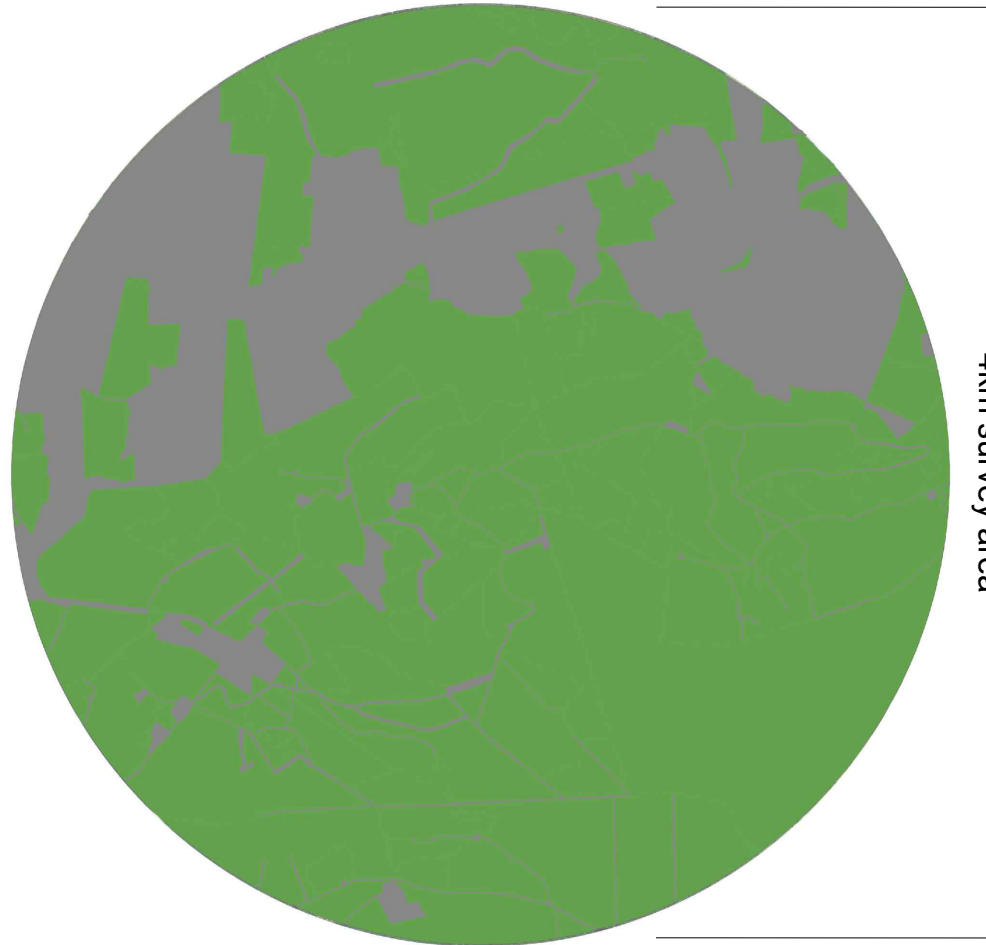
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Zetec House,
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Nest B: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.2

Habitat Suitability within the

Core Foraging Range of

Hen Harrier Nests

Nest B

Nest Site B

Distance 110kV UGC: 1.0km

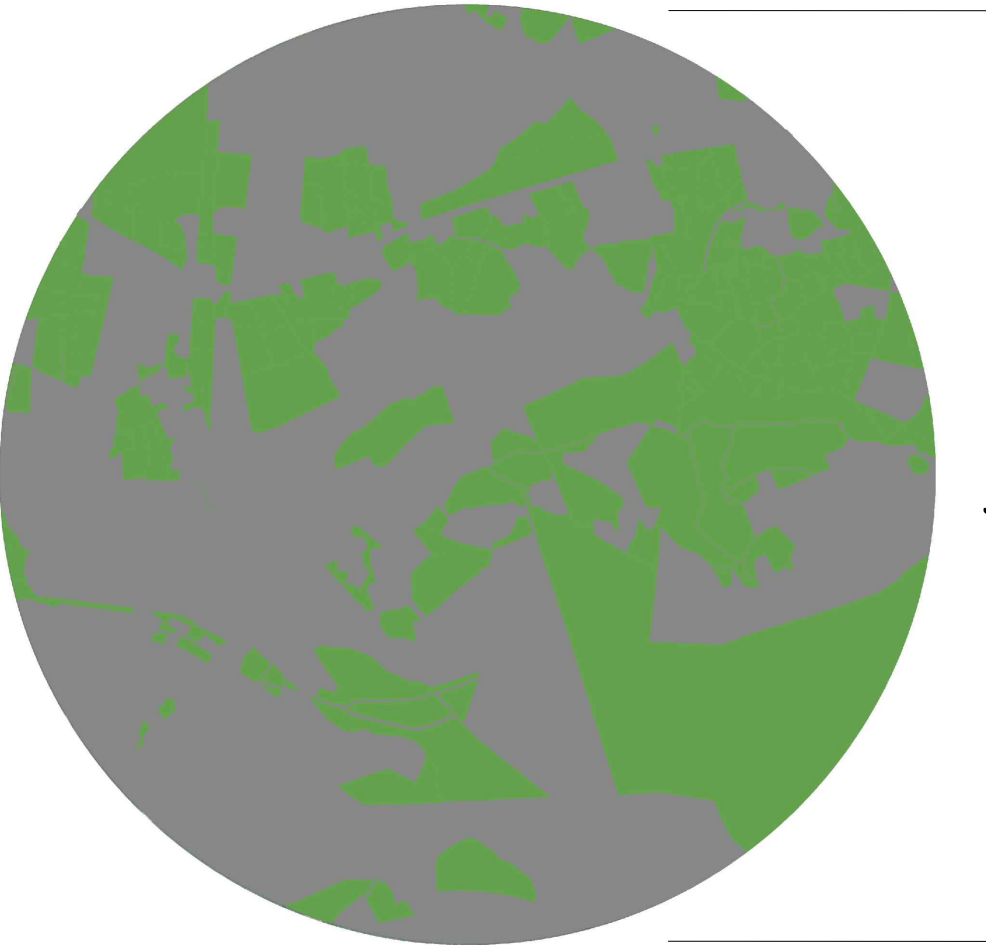
Last active: 2019

Nest B: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

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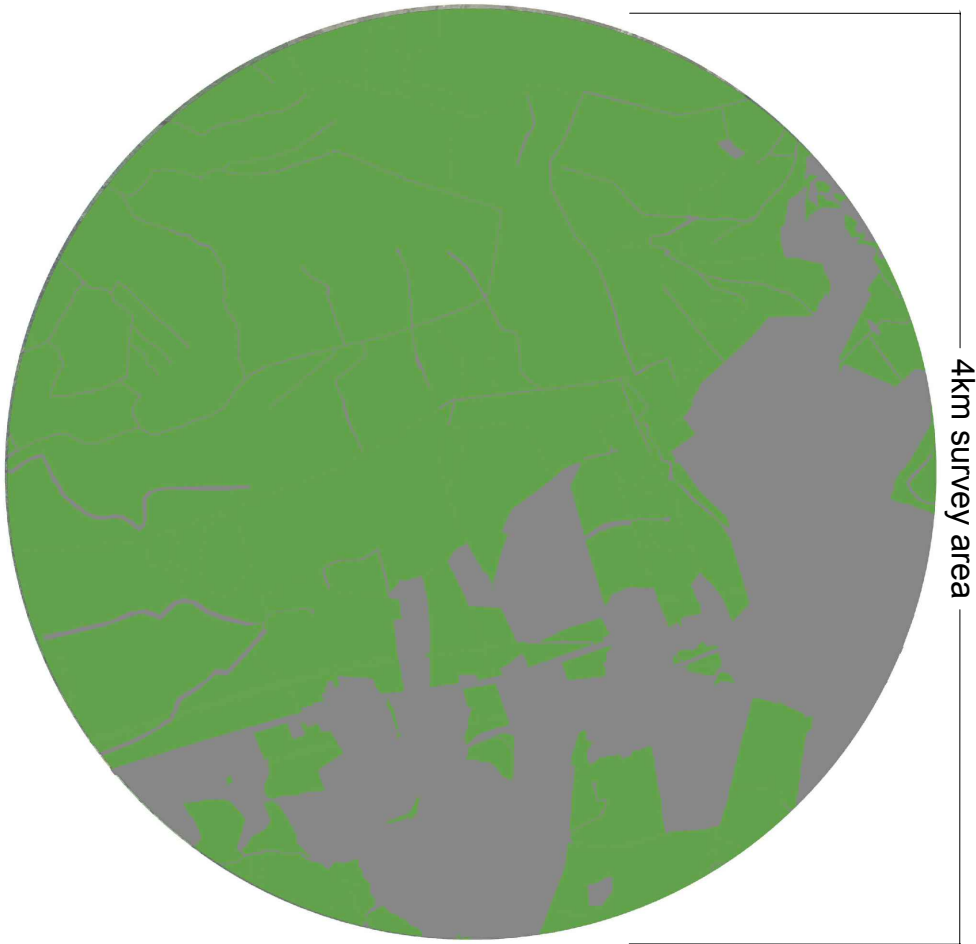
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Nest C: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.3

Habitat Suitability within the

Core Foraging Range of

Hen Harrier Nests

Nest C

Nest Site C

Distance 110kV UGC: 0.9km

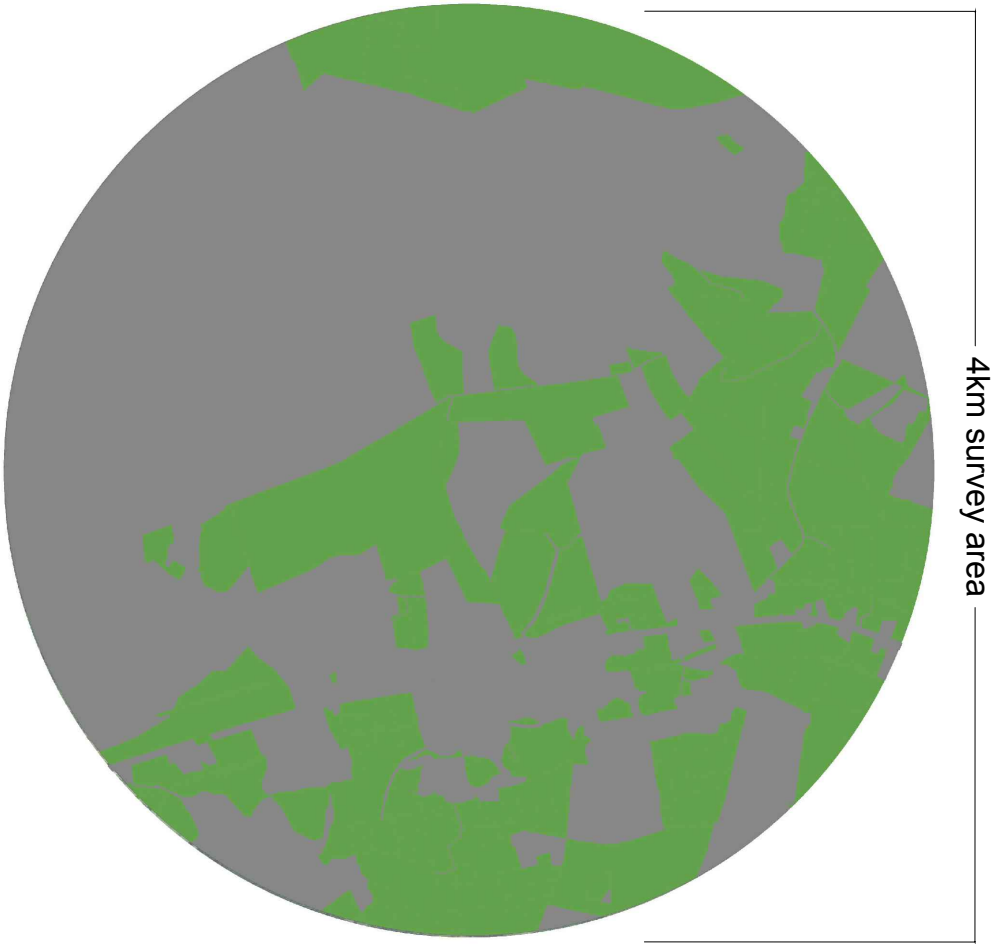
Last active: 2019

Nest C: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

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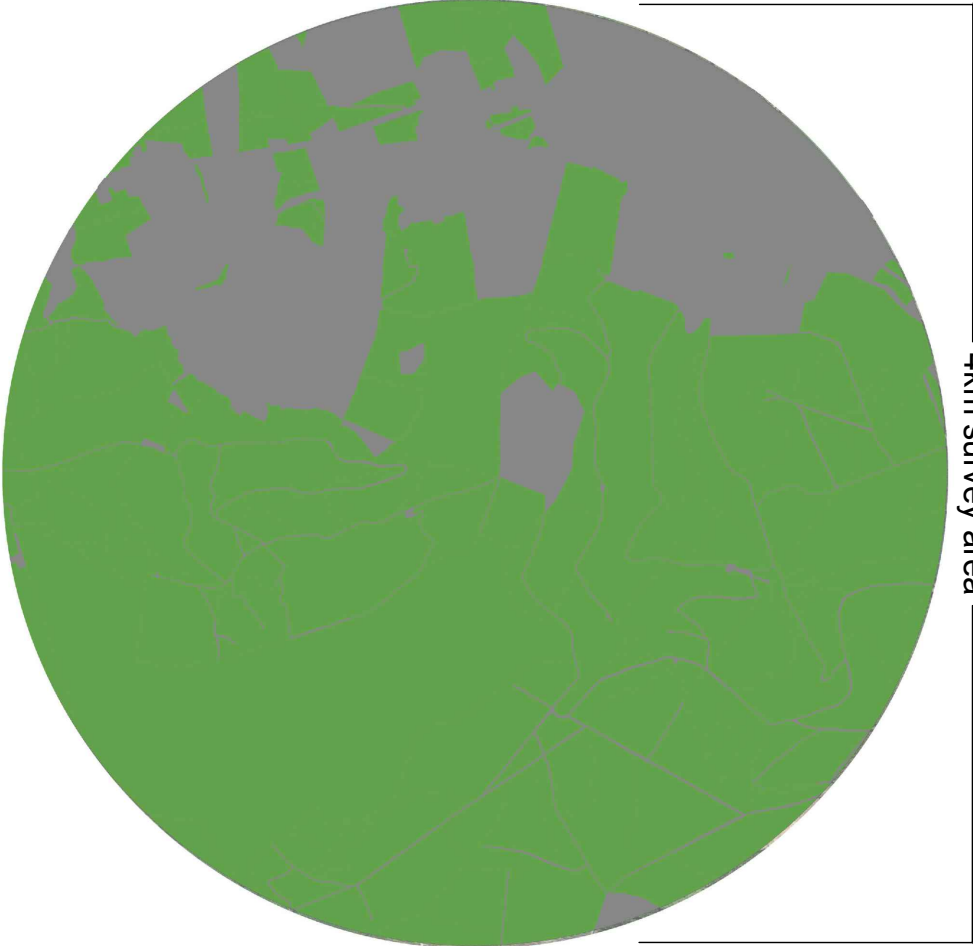
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Nest D: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.4

Habitat Suitability within the

Core Foraging Range of

Hen Harrier Nests

Nest D

Nest Site D

Distance 110kV UGC: 1.5km

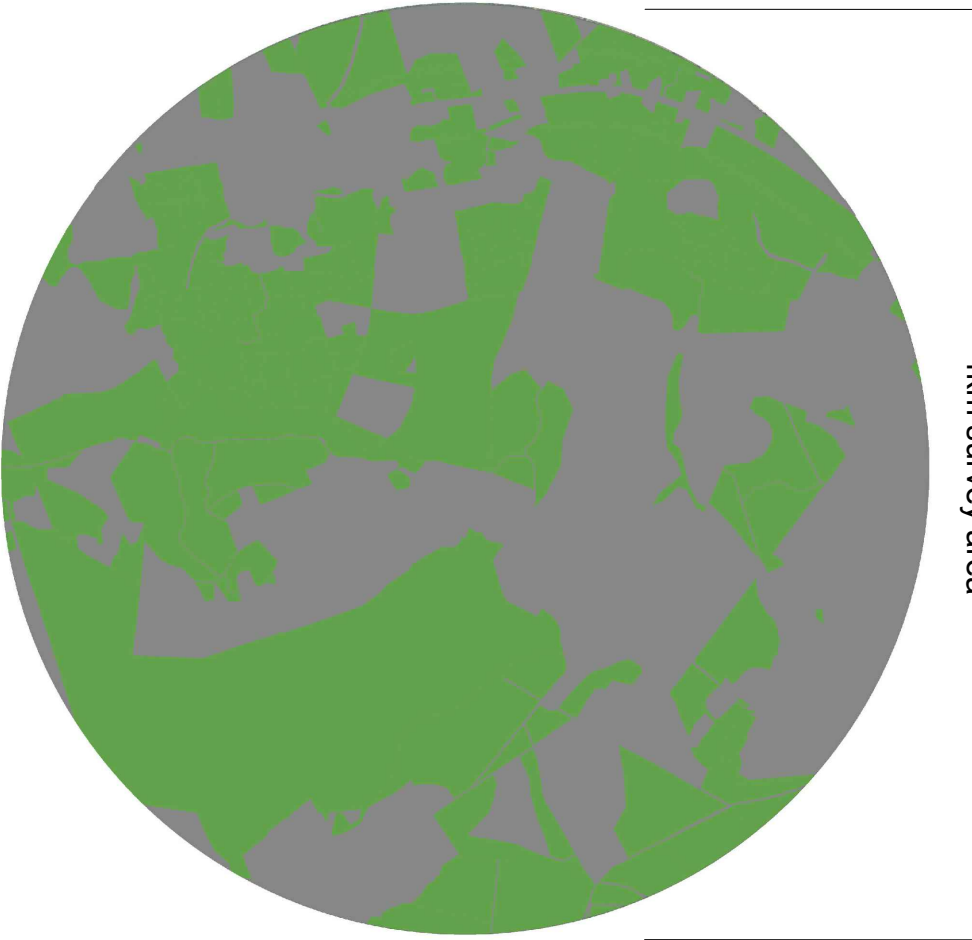
Last active: 2019

Nest D: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

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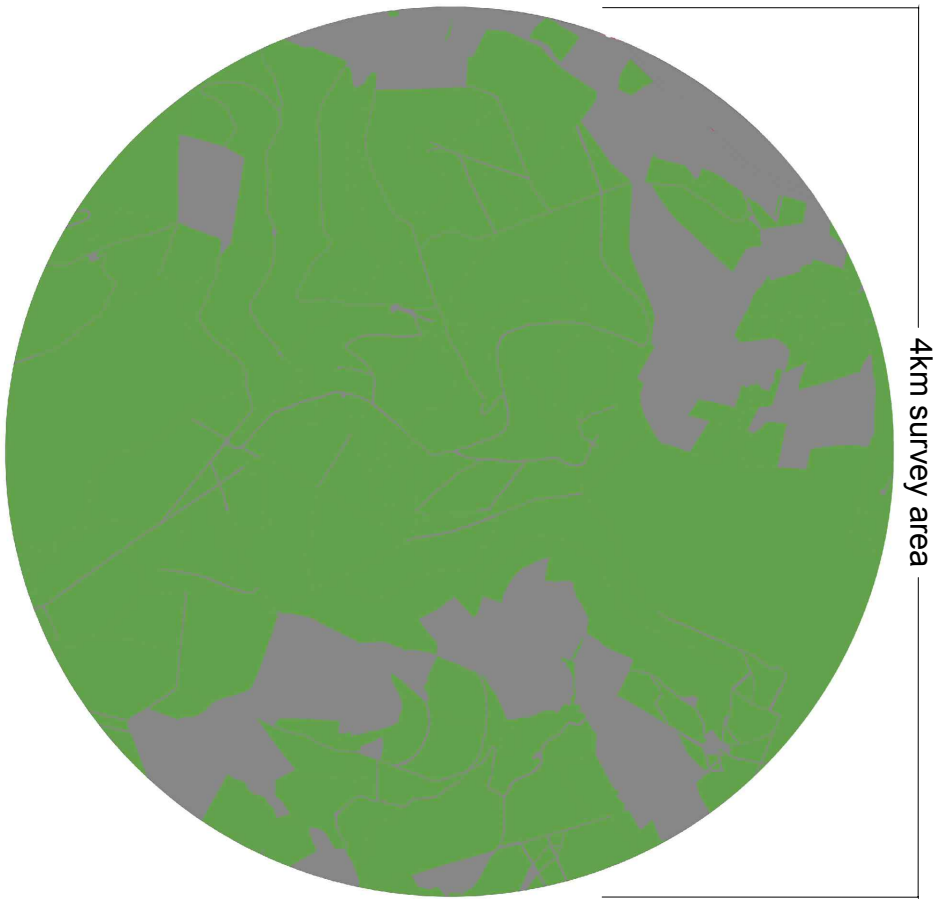
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Nest E: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.5

Habitat Suitability within the

Core Foraging Range of

Hen Harrier Nests

Nest E

Nest Site E

Distance 110kV UGC: 1.8km

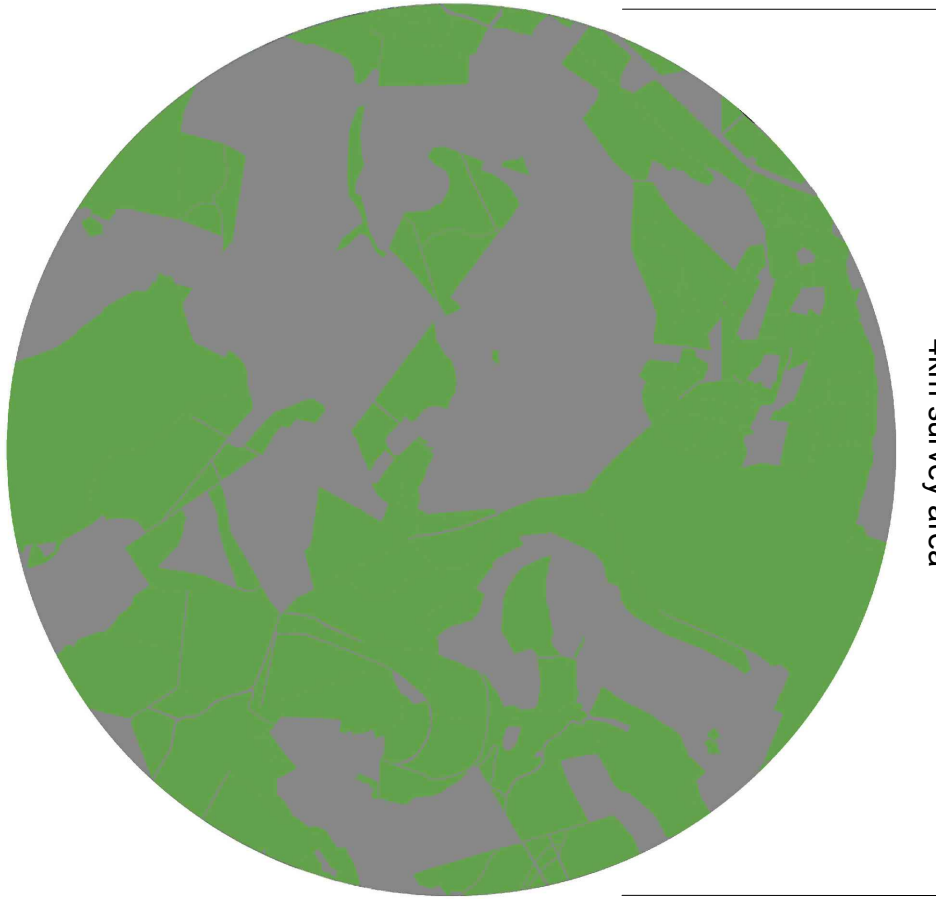
Last active: 2019

Nest E: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

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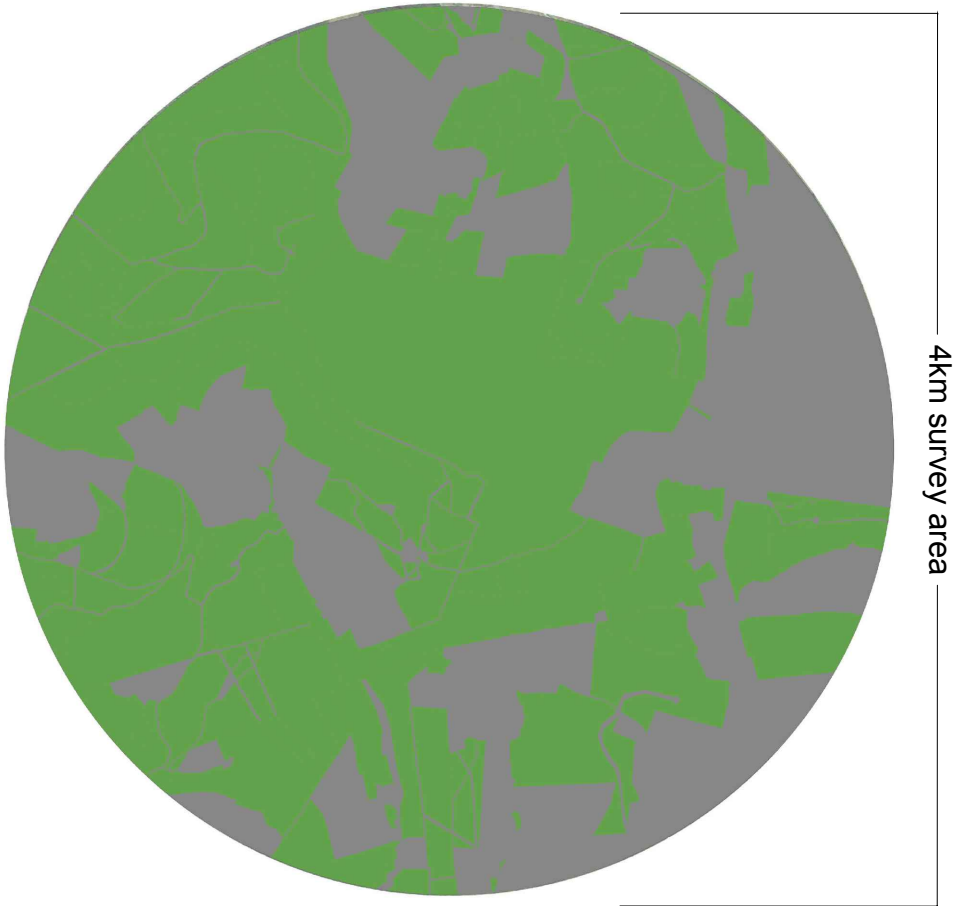
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Nest F: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.6

Habitat Suitability within the Core Foraging Range of Hen Harrier Nests

Nest F

Nest Site F

Distance 110kV UGC: 2.0km

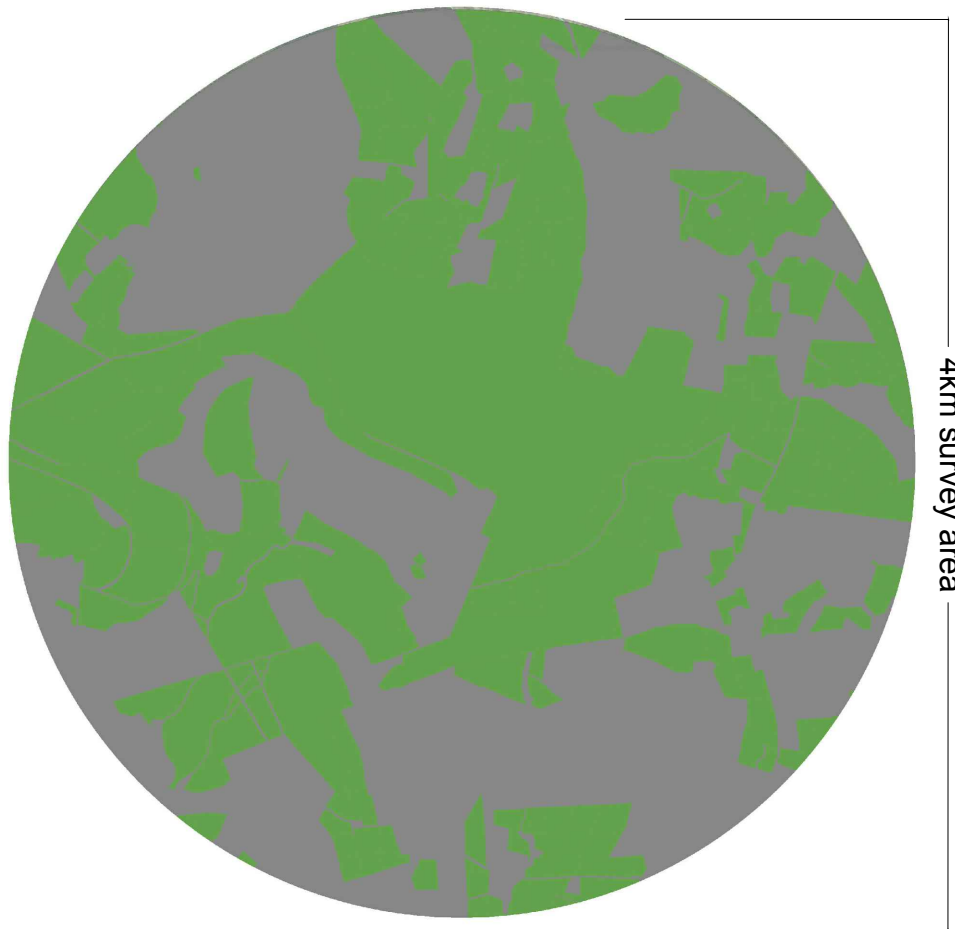
Last active: 2019

Nest F: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

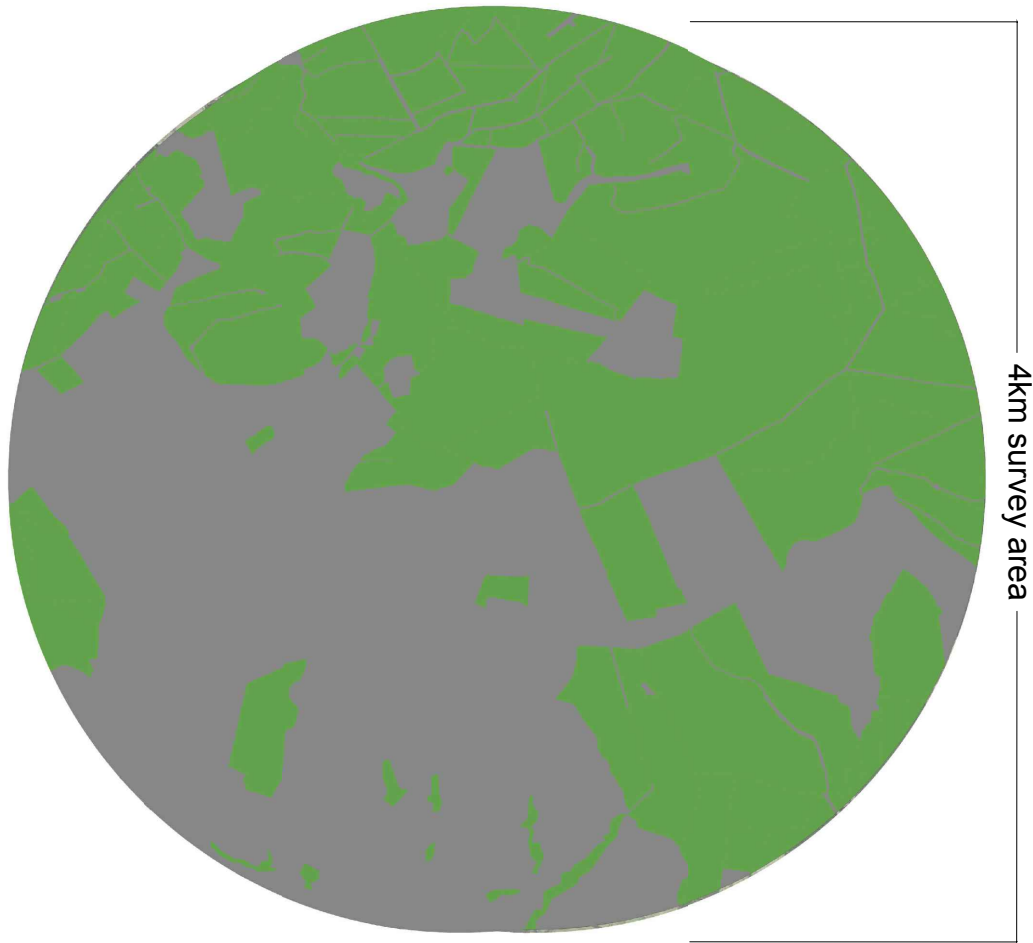
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Nest G: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.7

Habitat Suitability within the

Core Foraging Range of

Hen Harrier Nests

Nest G

Nest Site G

Distance 110kV UGC: 1.8km

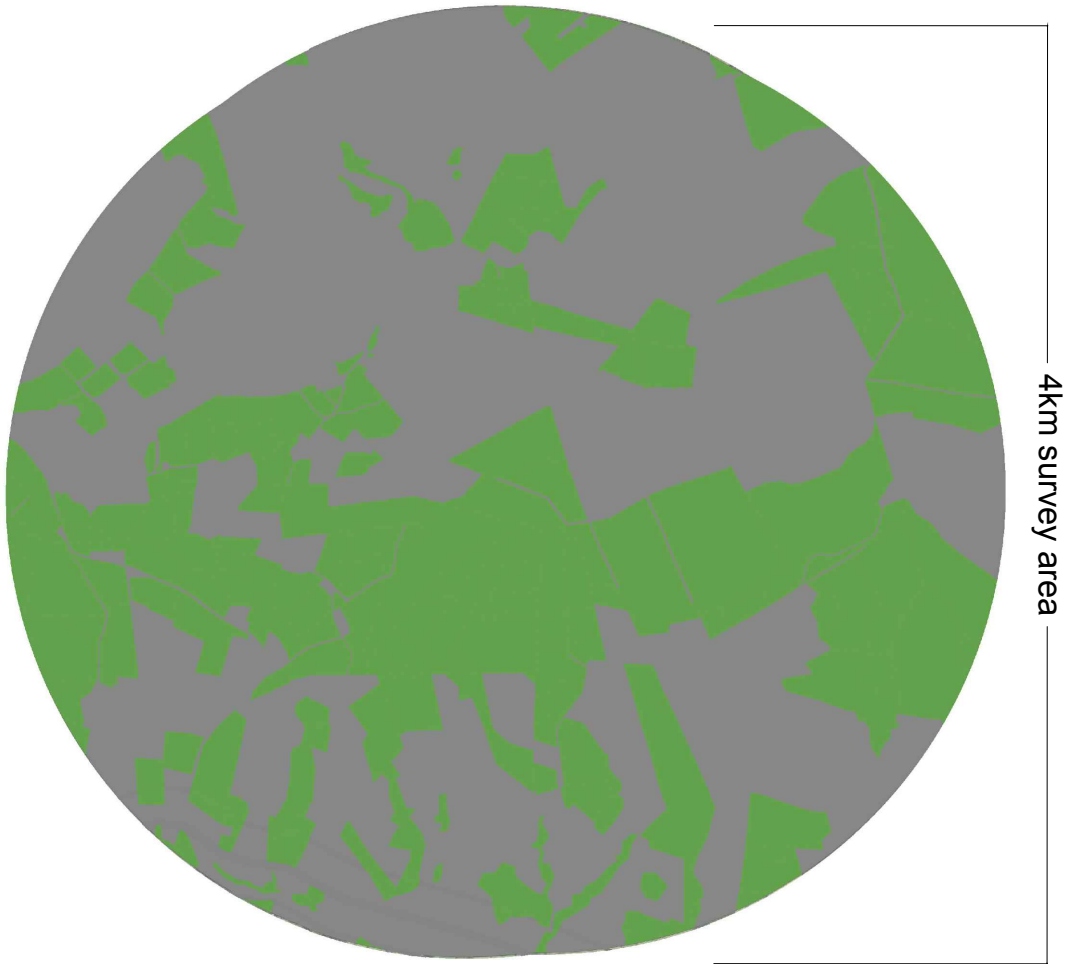
Last active: 2019

Nest G: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

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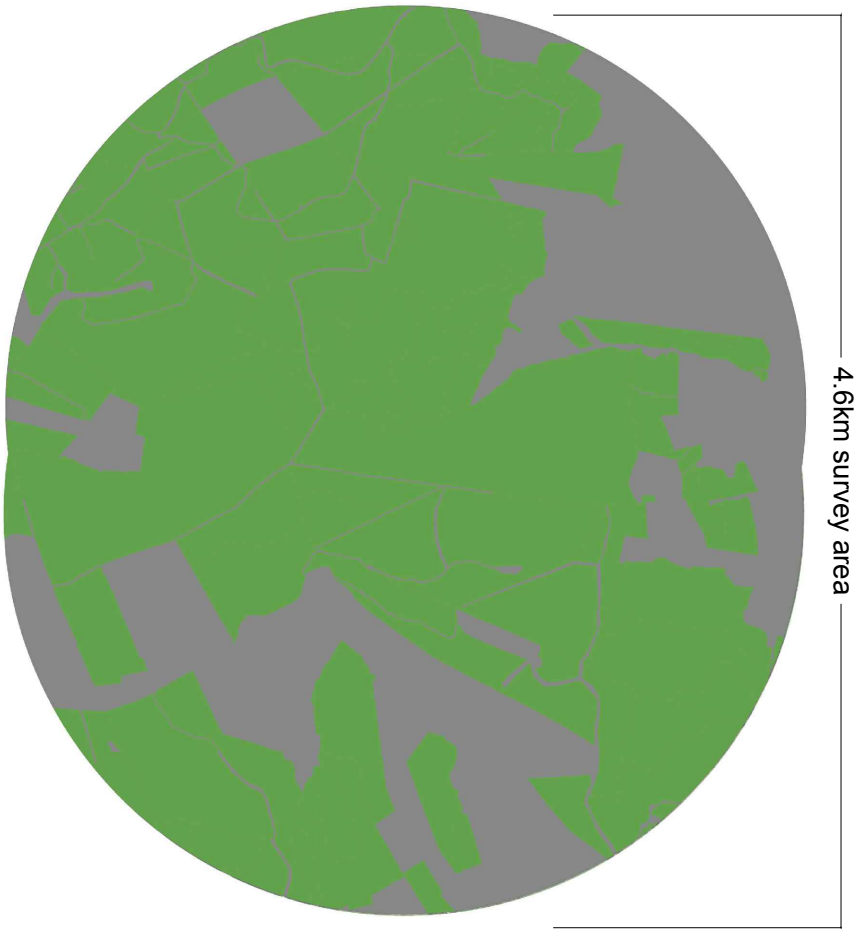
MOB: +353 83 8805644

Nest H: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.8

Habitat Suitability within the

Core Foraging Range of

Hen Harrier Nests

Nest H

Nest Site H

Distance 110kV UGC: 2.6km

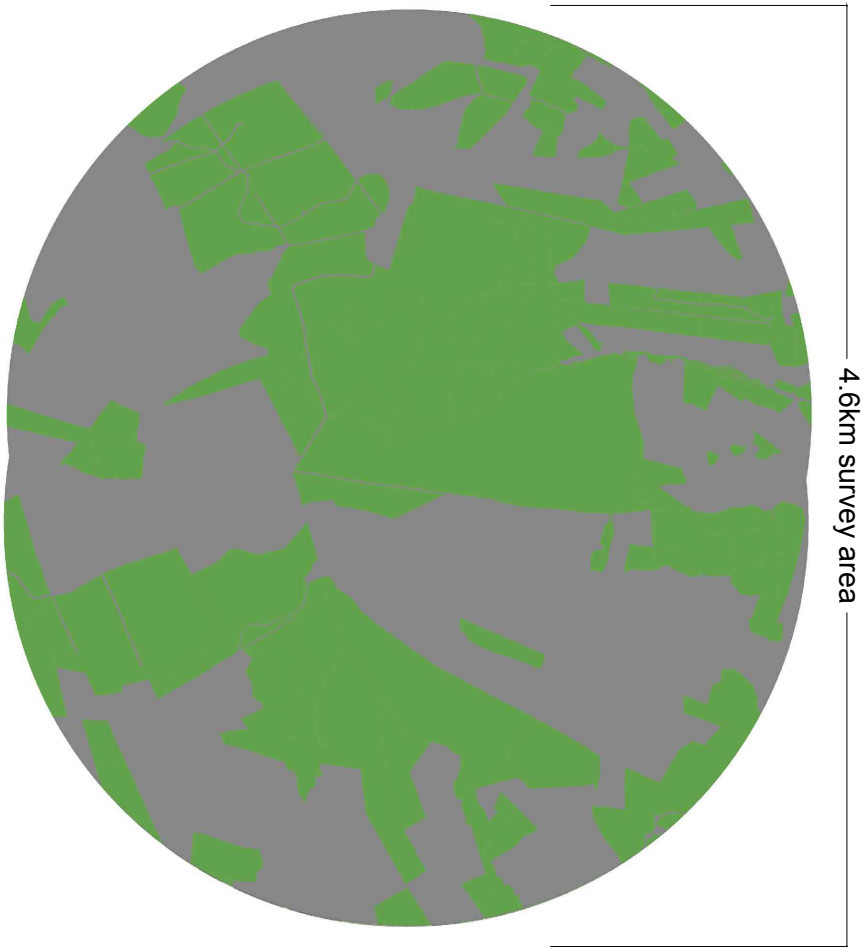
Last active: 2019

Nest H: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

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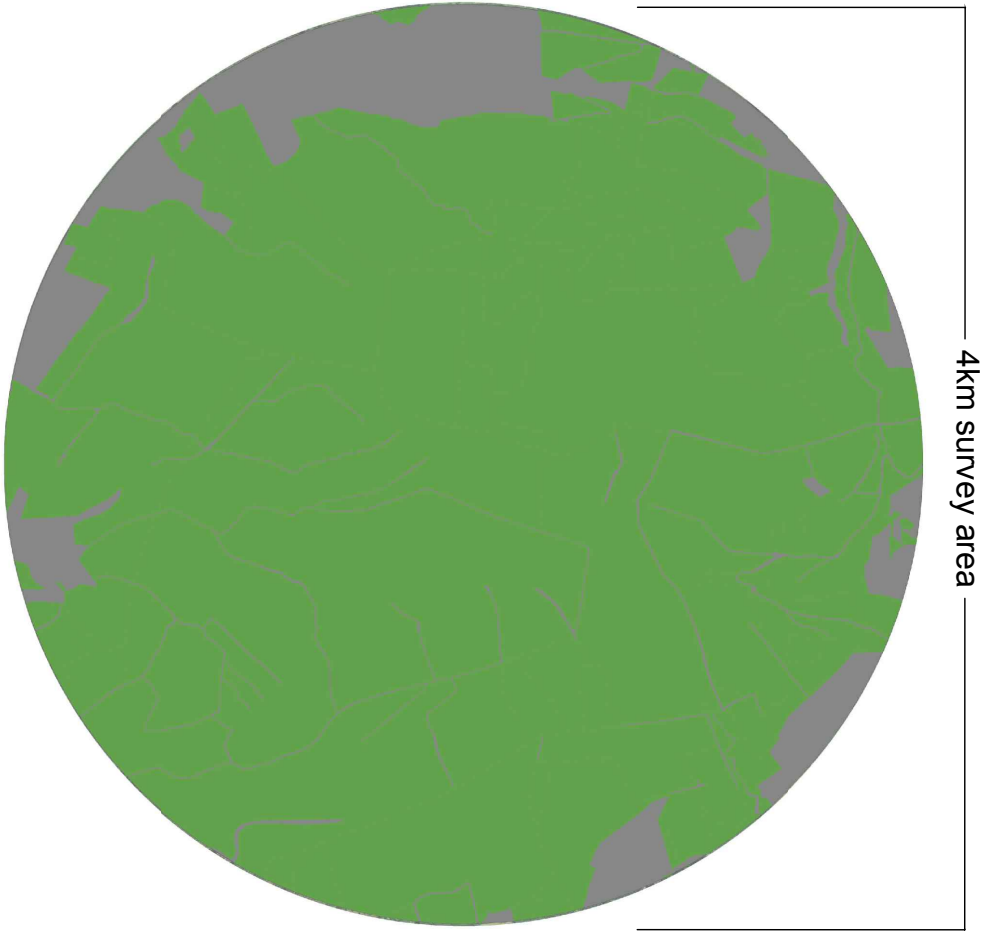
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Nest I: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.9

Habitat Suitability within the

Core Foraging Range of

Hen Harrier Nests

Nest I

Nest Site I

Distance 110kV UGC: 2.4km

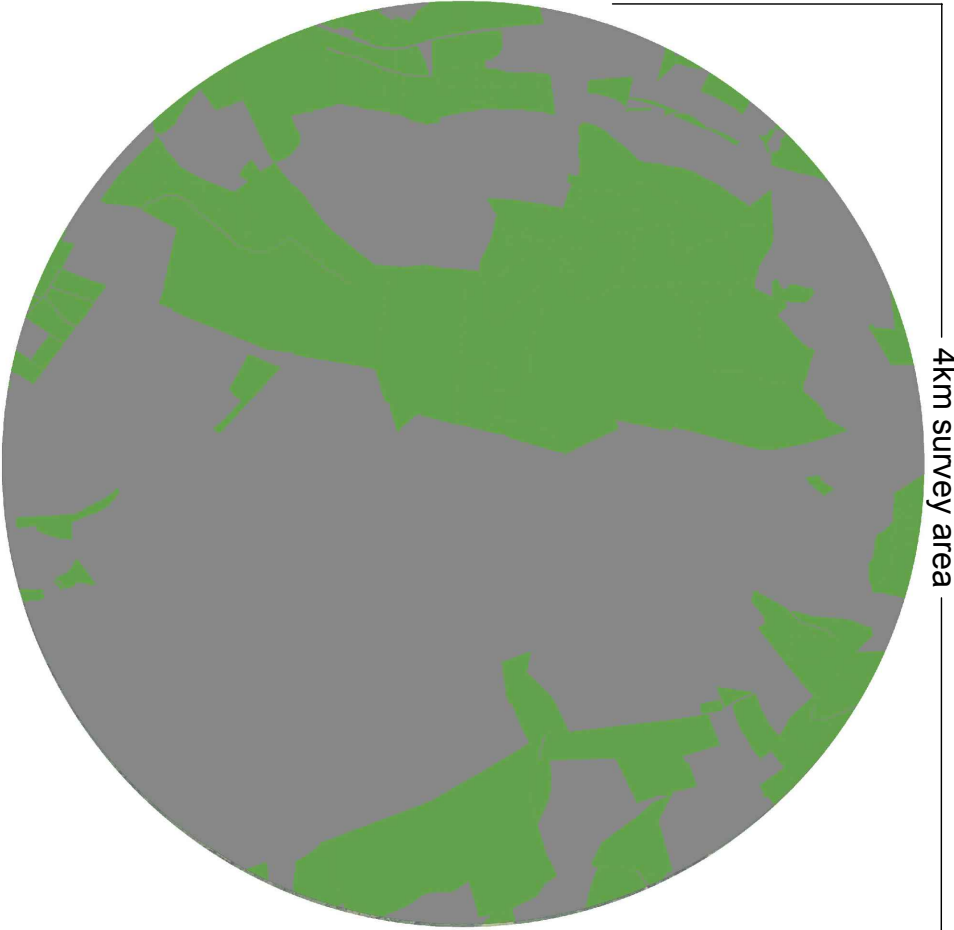
Last active: 2016

Nest I: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

Suitable Habitat

Not Suitable Habitat



Project:

UWF Grid Connection (2019)

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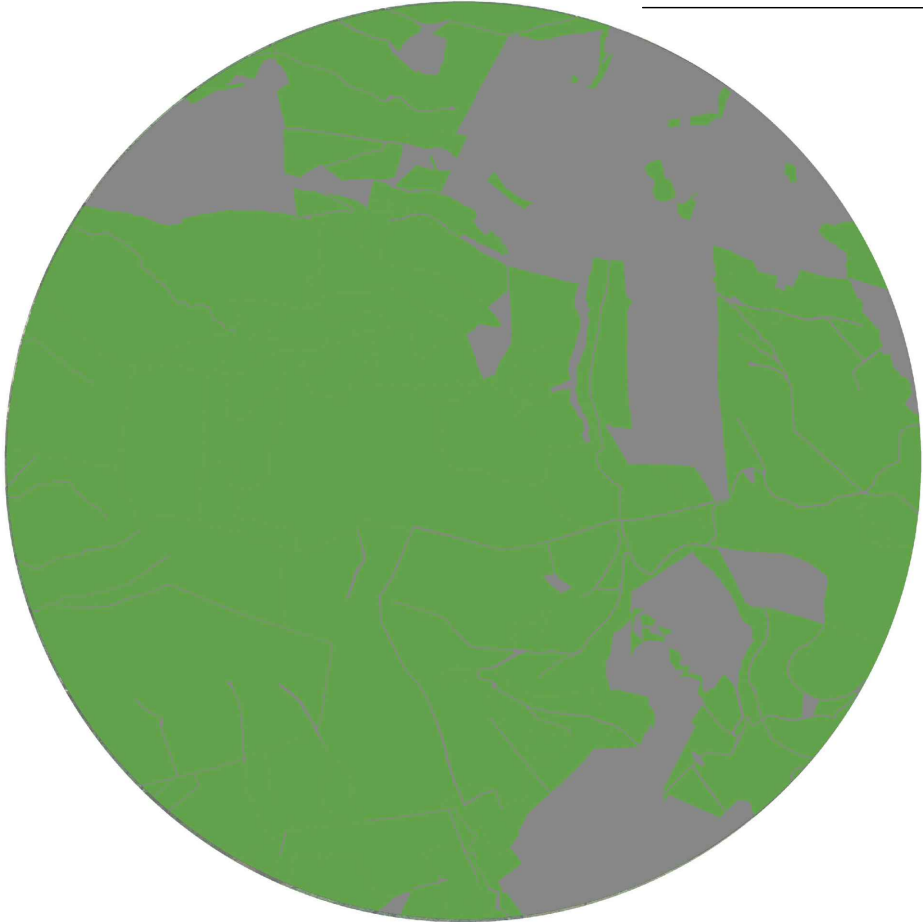
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Nest J: Breeding Habitat Suitability within the Core Foraging Range

Breeding Habitat Suitability

- Suitable Habitat
- Not Suitable Habitat



Biodiversity: Hen Harrier

Figure GC 8.6.2.10
Habitat Suitability within the
Core Foraging Range of
Hen Harrier Nests

Nest J

Nest Site J
Distance 110kV UGC: 2.6km
Last active: 2017

Nest J: Foraging Habitat Suitability within the Core Foraging Range

Foraging Habitat Suitability

- Suitable Habitat
- Not Suitable Habitat



Project:
UWF Grid Connection (2019)

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Biodiversity: Hen Harrier

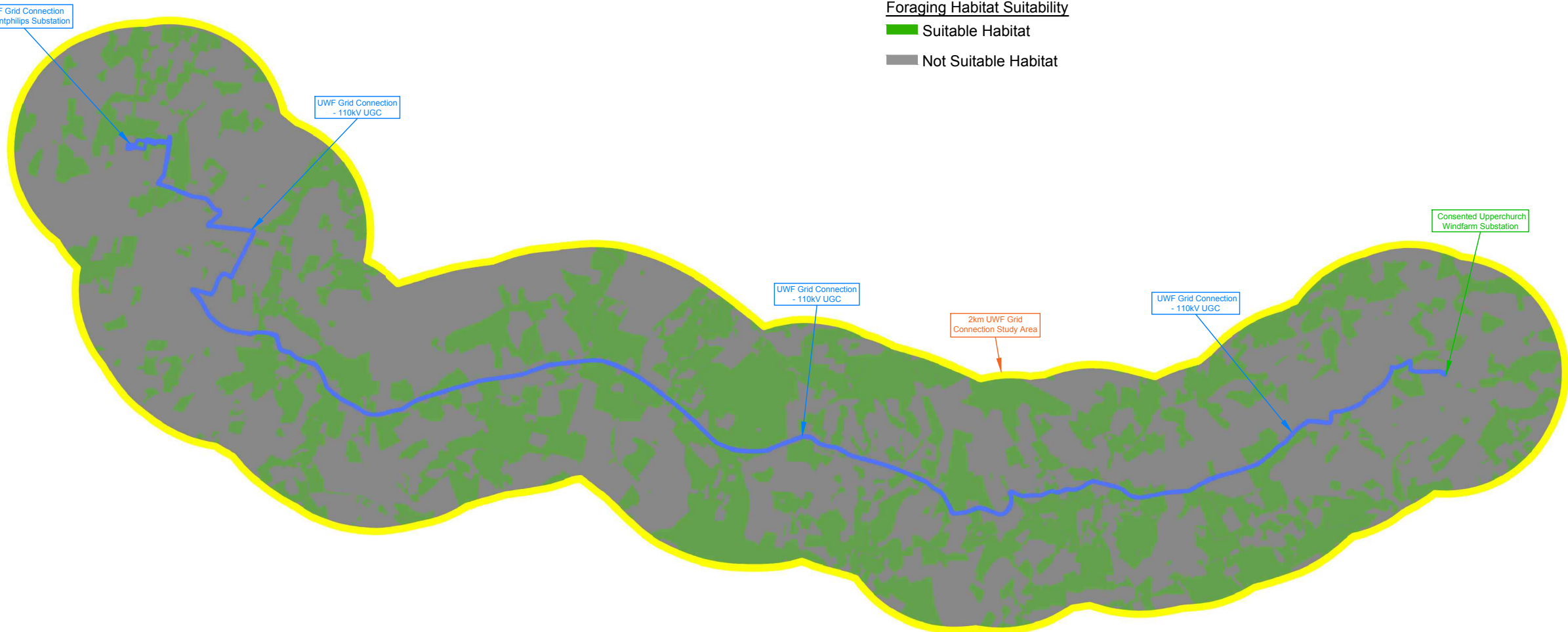
Figure GC 8.6.3

Habitat Suitability within 2km of UWF Grid Connection

Map Number:
Map 1 of 1

- Legend:
- Subject Development:**
- UWF Grid Connection Construction Works Area
- Study Area Extents :**
- 2kmm Study Area
 - UWF Grid Connection Construction Works Area

- Survey Results:**
- Suitable Habitat
 - Not Suitable Habitat



Project:
UWF Grid Connection (2019)

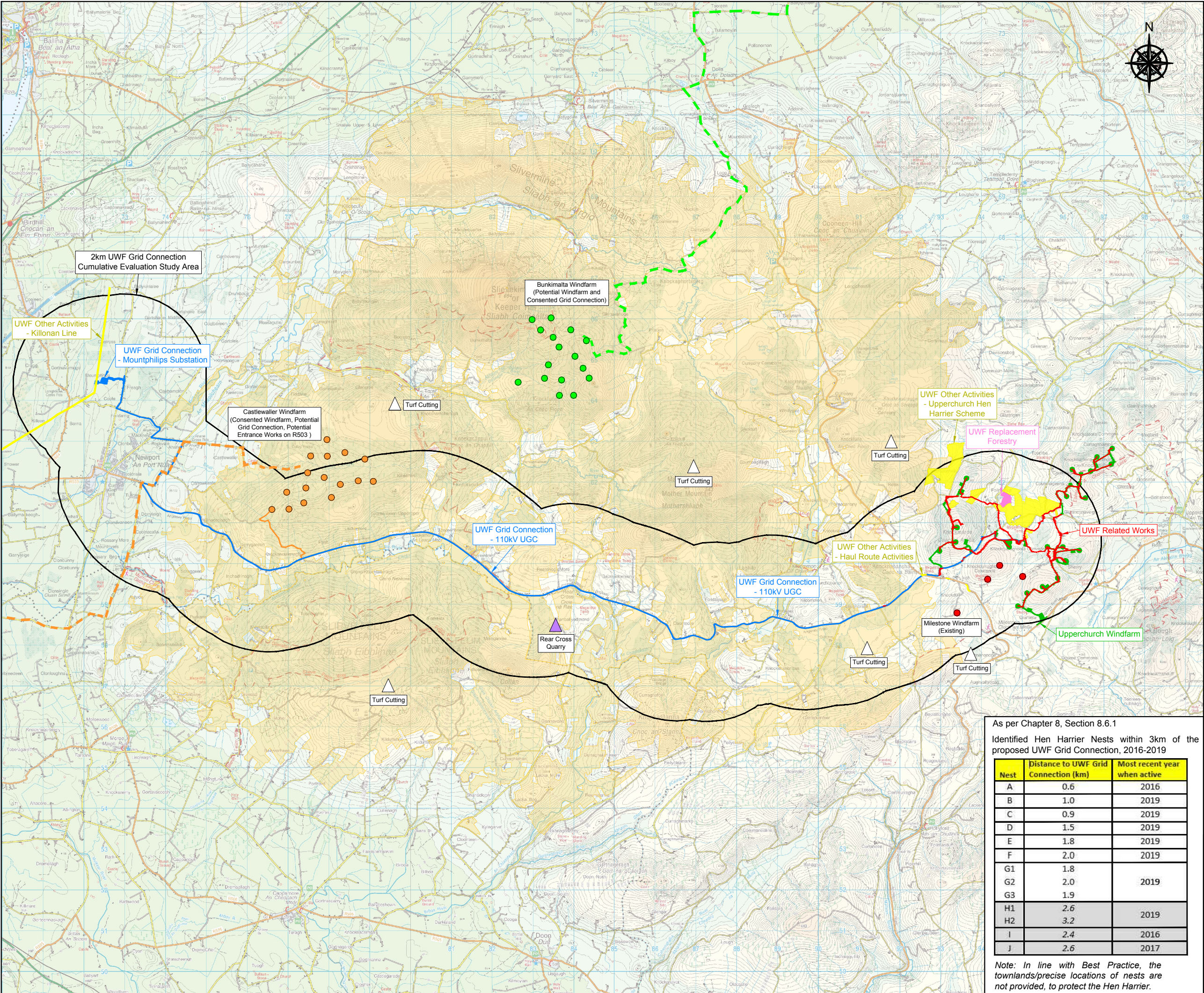
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Biodiversity: Hen Harrier

Figure CE 8.6

UWF Grid Connection Cumulative Evaluation Study Area for Hen Harrier

Map Number:
Map 1 of 1

Legend:

- Subject Development:**
- UWF Grid Connection Construction Works Area
- Cumulative Evaluation Projects:**
- UWF Related Works Construction Works Area
 - Upperchurch Windfarm Construction Works Area
 - UWF Replacement Forestry Construction Works Area
- UWF Other Activities:**
- Upperchurch Hen Harrier Scheme
 - Haul Route Activities
 - Killonan Line
- Castlewaller Windfarm**
- Consented Windfarm
 - Potential Grid Connection
 - Potential Entrance Works on R503
- Bunkimalta Windfarm**
- Potential Windfarm
 - Consented Grid Connection
- Existing Milestone Windfarm**
- Turf Cutting
 - Rear Cross Quarry

Forestry and Agriculture Activity

Please see terrestrial habitats, figures 8.5, on aerial photography for reference purposes with respect to the extent of Forestry and Agricultural lands.

Study Area Extents:

- 2km Study Area
- UWF Grid Connection Construction Works Area

Map Information:

- Slievefelim to Silvermines SPA

As per Chapter 8, Section 8.6.1

Identified Hen Harrier Nests within 3km of the proposed UWF Grid Connection, 2016-2019

Nest	Distance to UWF Grid Connection (km)	Most recent year when active
A	0.6	2016
B	1.0	2019
C	0.9	2019
D	1.5	2019
E	1.8	2019
F	2.0	2019
G1	1.8	
G2	2.0	2019
G3	1.9	
H1	2.6	
H2	3.2	2019
I	2.4	2016
J	2.6	2017

Note: In line with Best Practice, the townlands/precise locations of nests are not provided, to protect the Hen Harrier.

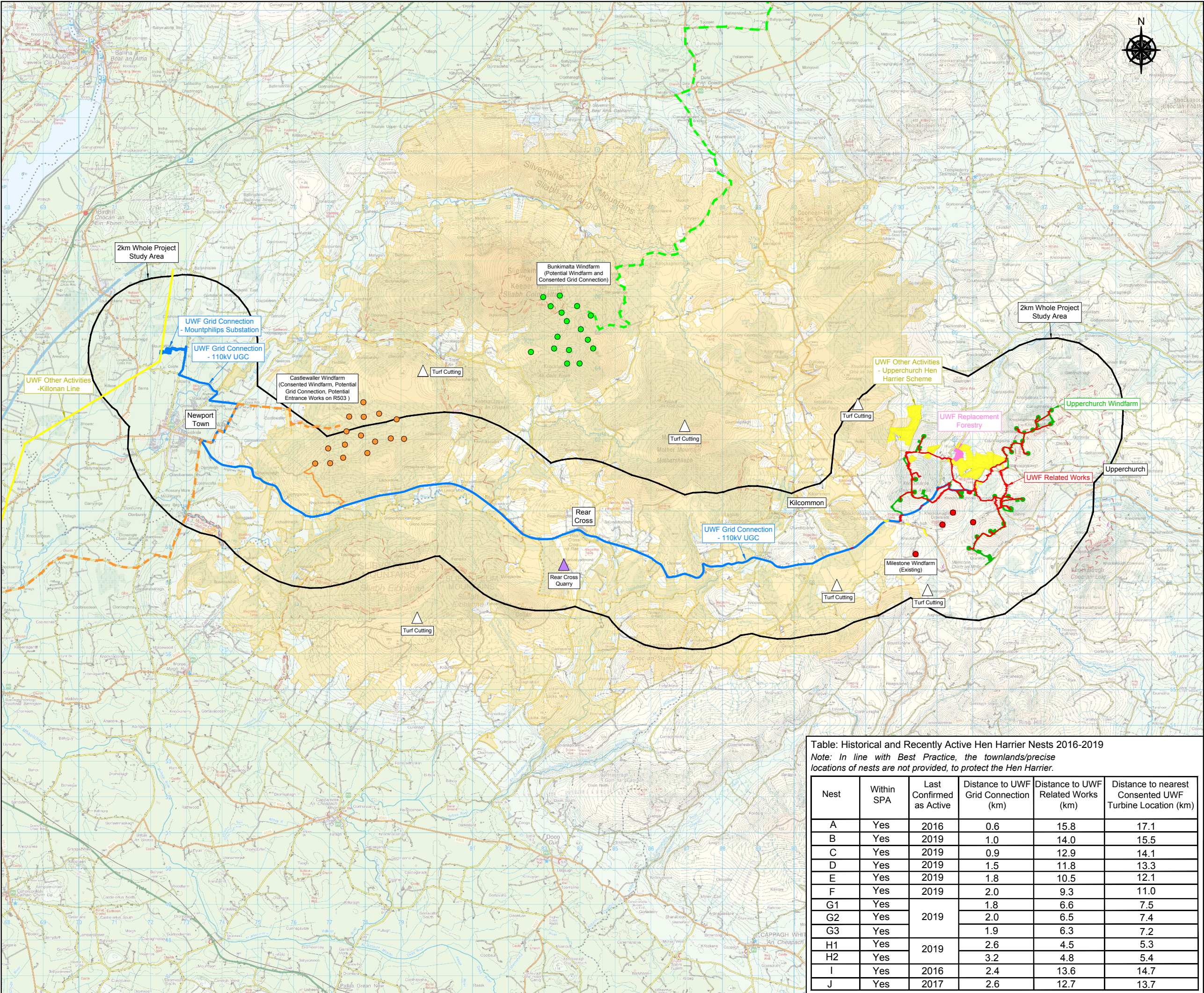
Project:
UWF Grid Connection (2019)

Drawn by: AB Checked by: PK Date: October 19 Sheet Size: A3



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Biodiversity: Hen Harrier

Figure WP 8.6
Whole Project Study Area for Hen Harrier

Map Number:
Map 1 of 1

Legend:
Elements of the Whole UWF Project

UWF Grid Connection Construction Works Area

UWF Related Works Construction Works Area

Upperchurch Windfarm Construction Works Area

UWF Replacement Forestry Construction Works Area

UWF Other Activities:

- Upperchurch Hen Harrier Scheme
- Haul Route Activities (HA21-HA23)
- Killonan Line

Other Projects and Activities :

Castlewaller Windfarm

Consented Windfarm

Potential Grid Connection

Potential Entrance Works on R503

Bunkimalta Windfarm

Potential Windfarm

Consented Grid Connection

Existing Milestone Windfarm

Turf Cutting

Rear Cross Quarry

Proposed Lackamore Glamping Site

Proposed Quarry at Curraghduff

Forestry and Agriculture Activity
Please see terrestrial habitats, figures 8.5, on aerial photography for reference purposes with respect to the extent of Forestry and Agricultural lands.

Study Area Extents:
2km Study Area

Map Information:
Slievefelim to Silvermines SPA

Table: Historical and Recently Active Hen Harrier Nests 2016-2019

Note: In line with Best Practice, the townlands/precise locations of nests are not provided, to protect the Hen Harrier.

Nest	Within SPA	Last Confirmed as Active	Distance to UWF Grid Connection (km)	Distance to UWF Related Works (km)	Distance to nearest Consented UWF Turbine Location (km)
A	Yes	2016	0.6	15.8	17.1
B	Yes	2019	1.0	14.0	15.5
C	Yes	2019	0.9	12.9	14.1
D	Yes	2019	1.5	11.8	13.3
E	Yes	2019	1.8	10.5	12.1
F	Yes	2019	2.0	9.3	11.0
G1	Yes	2019	1.8	6.6	7.5
G2	Yes		2.0	6.5	7.4
G3	Yes		1.9	6.3	7.2
H1	Yes	2019	2.6	4.5	5.3
H2	Yes		3.2	4.8	5.4
I	Yes	2016	2.4	13.6	14.7
J	Yes	2017	2.6	12.7	13.7

Project:
UWF Grid Connection (2019)

Drawn by:
AB

Checked by:
PK

Date:
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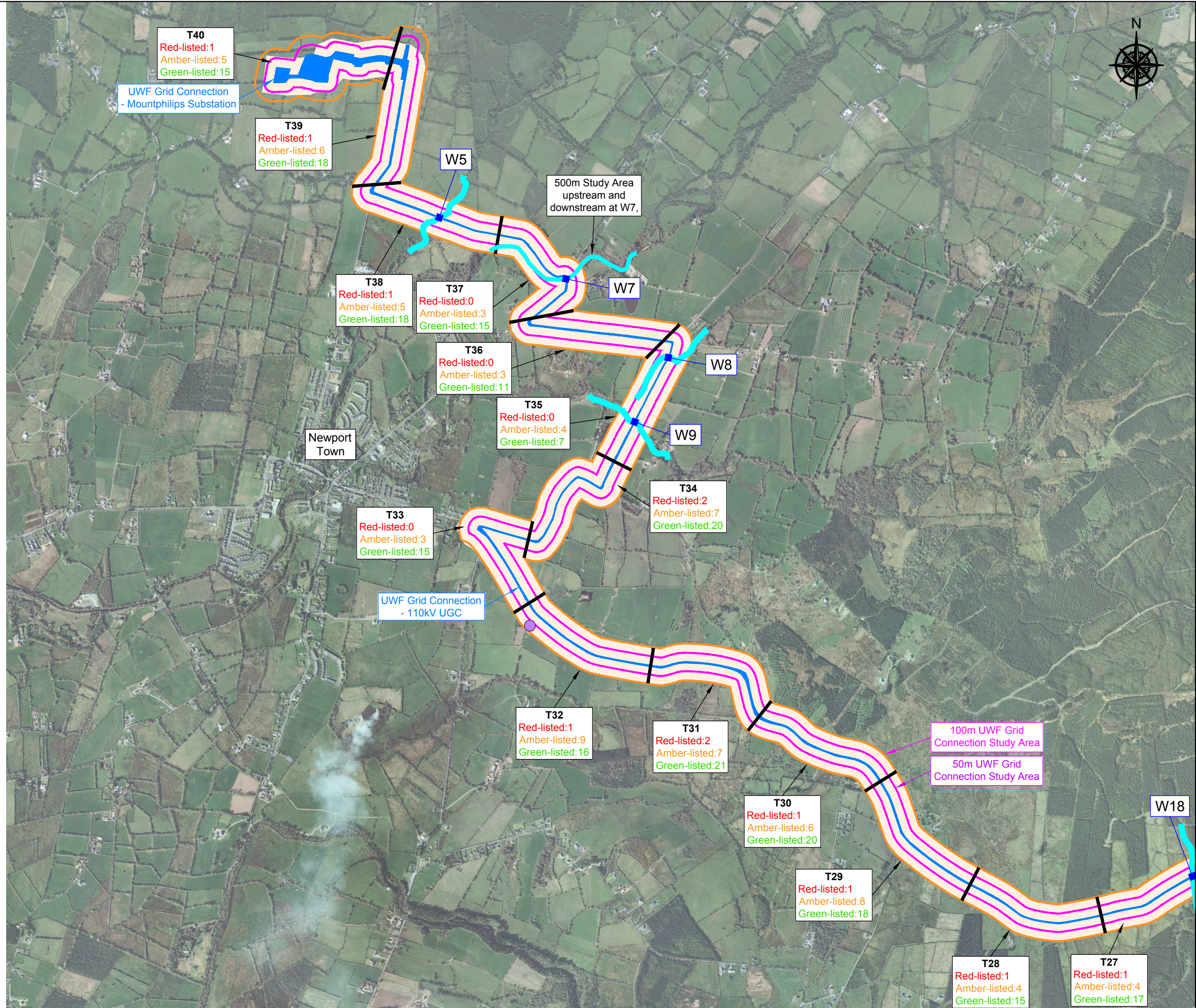
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Biodiversity: General Birds
Figure GC 8.7.2
UWF Grid Connection Study Area
for General Bird Species

Map Number:
Map 1 of 4

Legend:

Subject Development:

— UWF Grid Connection
Construction Works Area

Study Area Extents :

— 50m Study Area
- UWF Grid Connection
Construction Works Area

— 100m Study Area
- UWF Grid Connection
Construction Works Area

— Transect

— 300m Study Area upstream and
downstream of watercourse
crossings for kingfisher

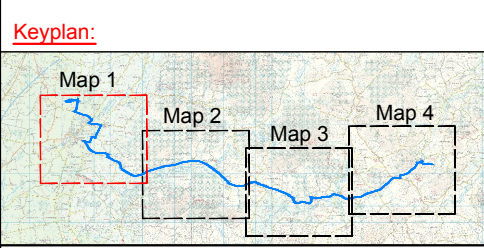
Survey Results:

● Buildings suitable for Barn Owls

T40
Red-listed:1
Amber-listed:5
Green-listed:15

Transect labels on these figures identify
the number of species noted during
transect surveys for each sensitivity rating:
Red-listed species,
Amber-listed species,
Green-listed species

See Appendix 8.7: General Birds Fieldwork
& Survey Results, for further details

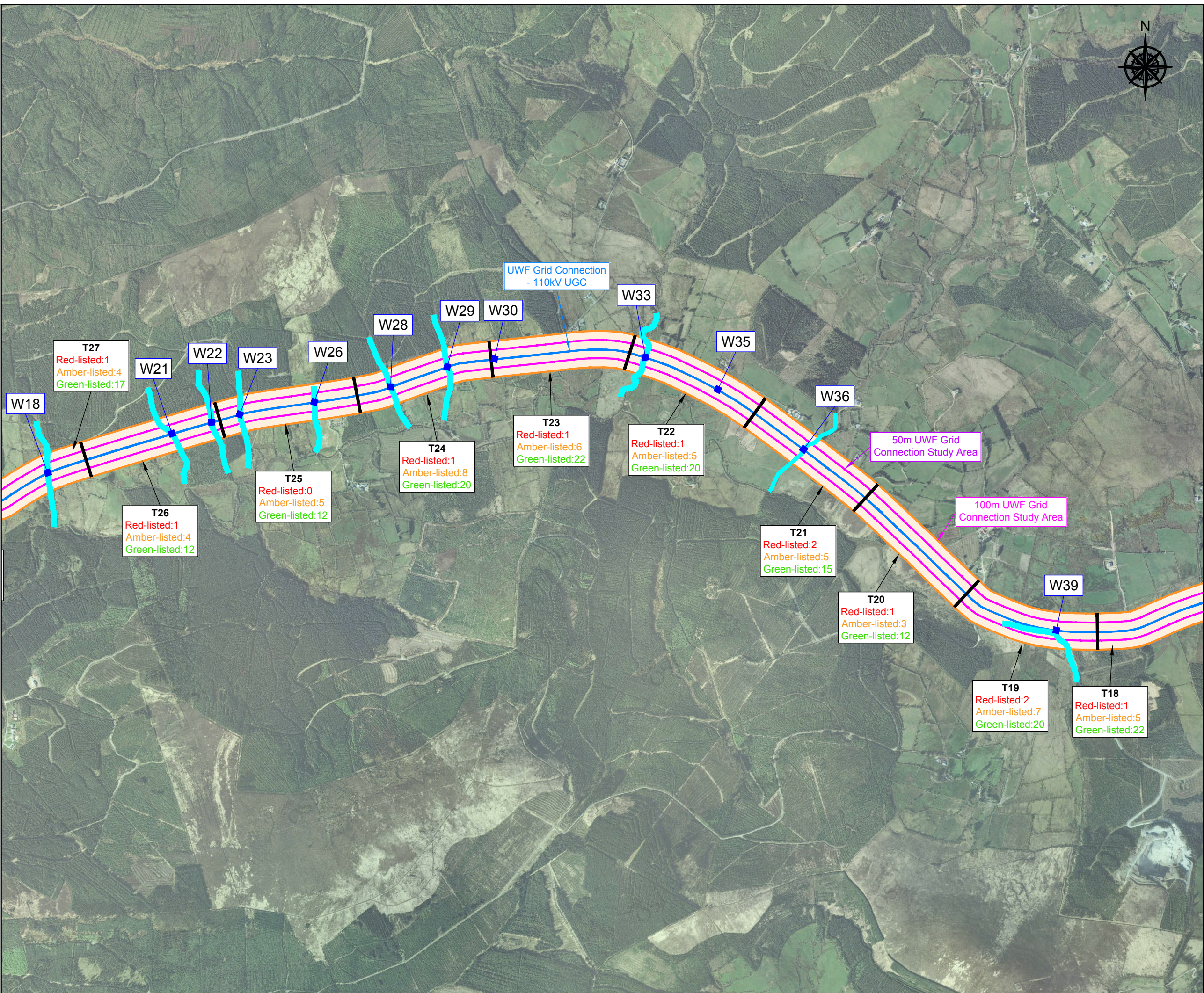


Project:
UWF Grid Connection (2019)

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Biodiversity: General Birds

Figure GC 8.7.3

UWF Grid Connection Study
Area for General Bird Species

Map Number:
Map 2 of 4

Legend:

Subject Development:

— UWF Grid Connection
Construction Works Area

Study Area Extents :

— 50m Study Area
- UWF Grid Connection
Construction Works Area

— 100m Study Area
- UWF Grid Connection
Construction Works Area

— Transect

— 300m Study Area upstream and
downstream of watercourse
crossings for kingfisher

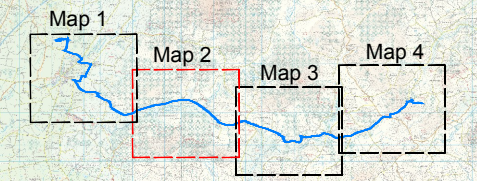
Survey Results:

T40
Red-listed:1
Amber-listed:5
Green-listed:15

Transect labels on these figures identify
the number of species noted during
transect surveys for each sensitivity rating:
Red-listed species,
Amber-listed species,
Green-listed species

See Appendix 8.7: General Birds Fieldwork
& Survey Results, for further details

Keyplan:



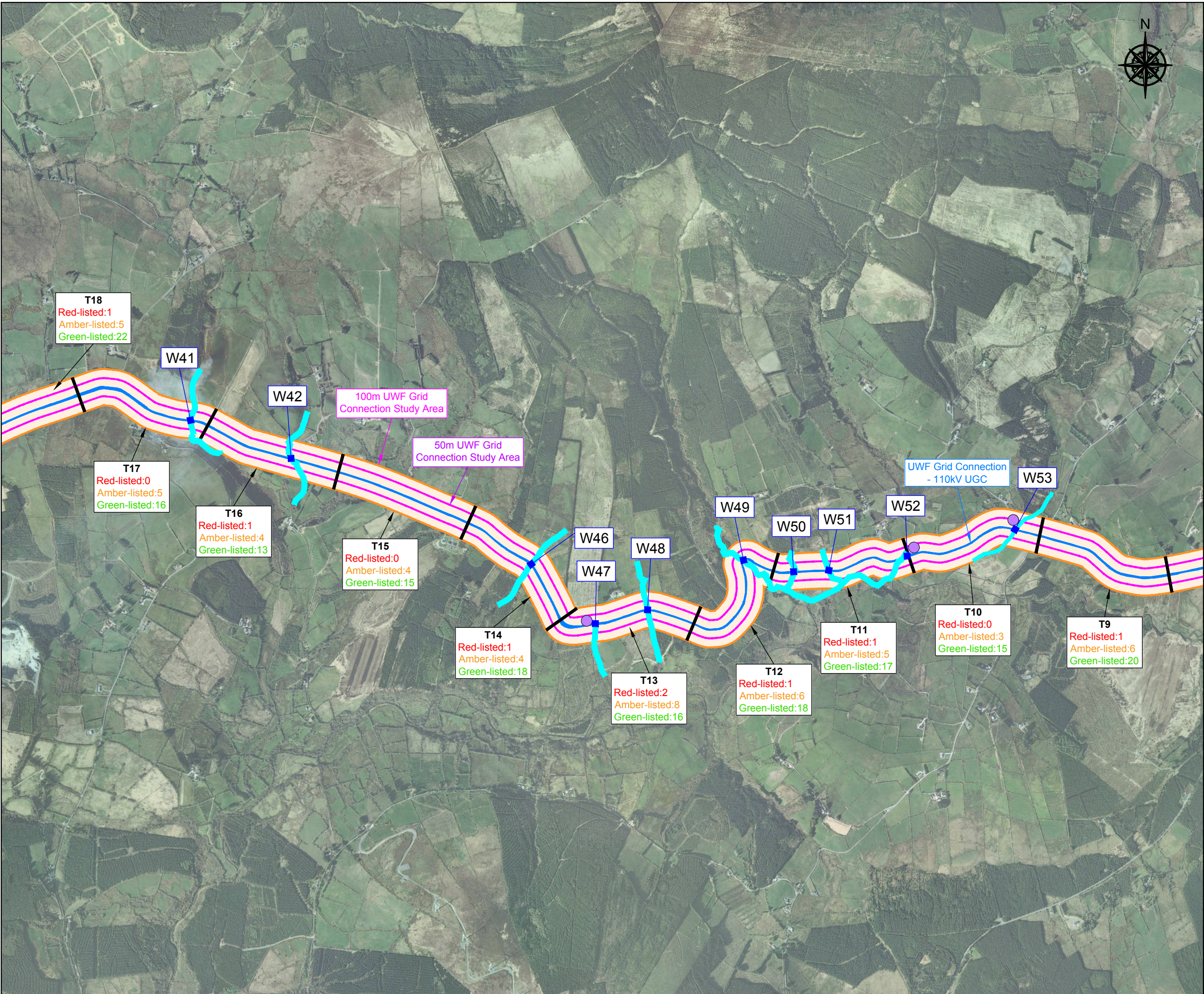
Project:
UWF Grid Connection (2019)

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Biodiversity: General Birds
Figure GC 8.7.4
UWF Grid Connection Study
Area for General Bird Species

Map Number:
Map 3 of 4

Legend:

Subject Development:

— UWF Grid Connection
Construction Works Area

Study Area Extents :

— 50m Study Area
- UWF Grid Connection
Construction Works Area

— 100m Study Area
- UWF Grid Connection
Construction Works Area

— Transect

— 300m Study Area upstream and
downstream of watercourse
crossings for kingfisher

Survey Results:

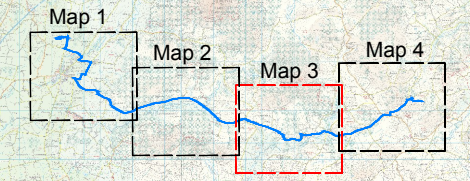
● Buildings suitable for Barn Owls

T40
Red-listed:1
Amber-listed:5
Green-listed:15

Transect labels on these figures identify
the number of species noted during
transect surveys for each sensitivity rating:
Red-listed species,
Amber-listed species,
Green-listed species

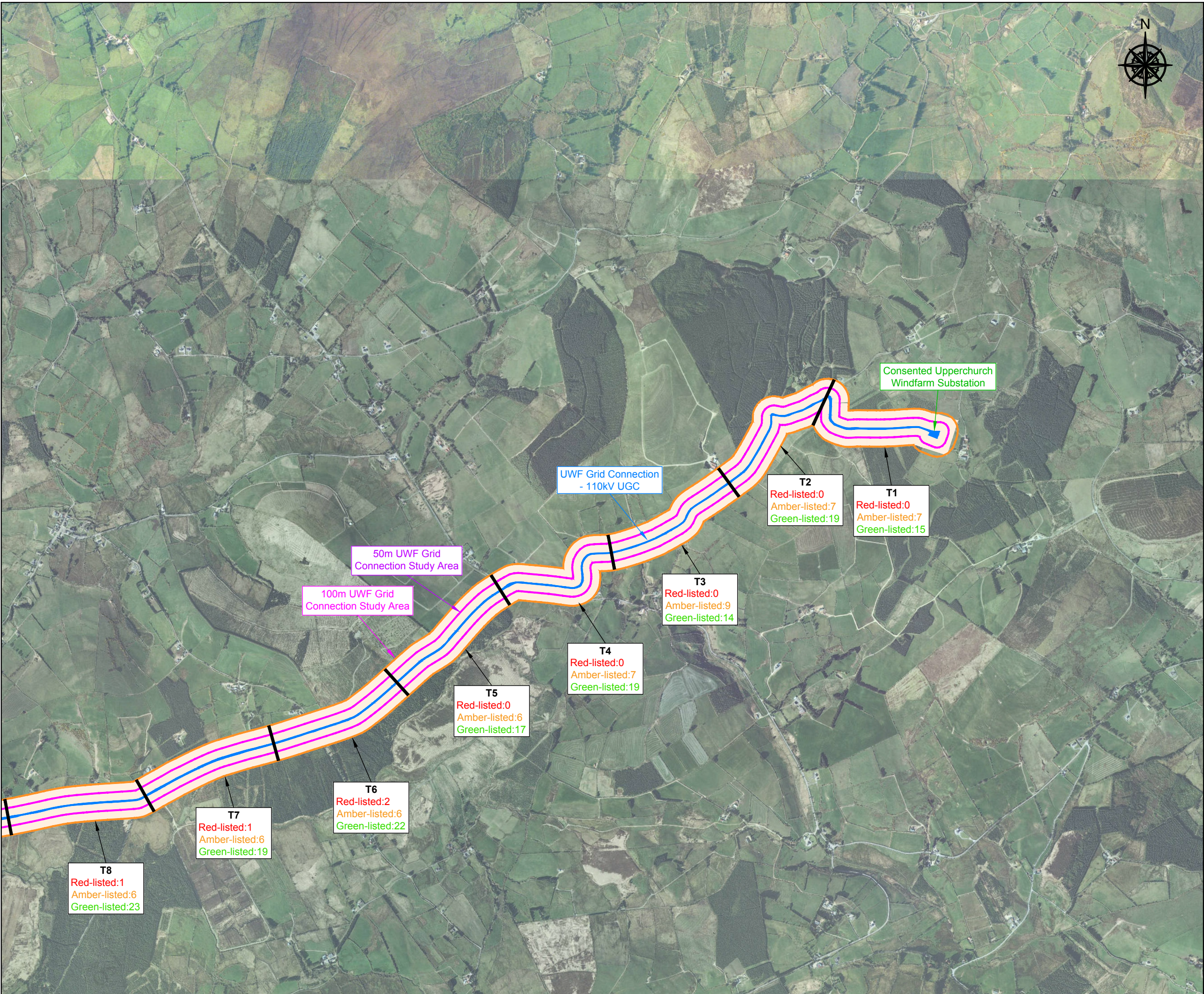
See Appendix 8.7: General Birds Fieldwork
& Survey Results, for further details

Keyplan:



Project:
UWF Grid Connection (2019)

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AB	PK	October 19	A3



Biodiversity: General Birds
Figure GC 8.7.5
UWF Grid Connection Study Area
for General Bird Species

Map Number:
Map 4 of 4

Legend:

Subject Development:

- UWF Grid Connection Construction Works Area

Study Area Extents :

- 50m Study Area
 - UWF Grid Connection Construction Works Area
- 100m Study Area
 - UWF Grid Connection Construction Works Area

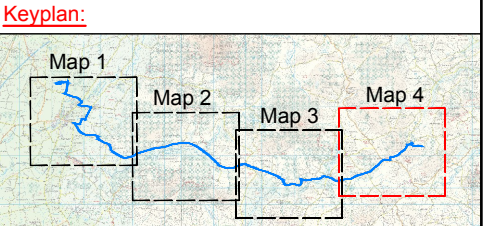
Transect

Survey Results:

T40
Red-listed:1
Amber-listed:5
Green-listed:15

Transect labels on these figures identify the number of species noted during transect surveys for each sensitivity rating:
Red-listed species,
Amber-listed species,
Green-listed species

See Appendix 8.7: General Birds Fieldwork & Survey Results, for further details



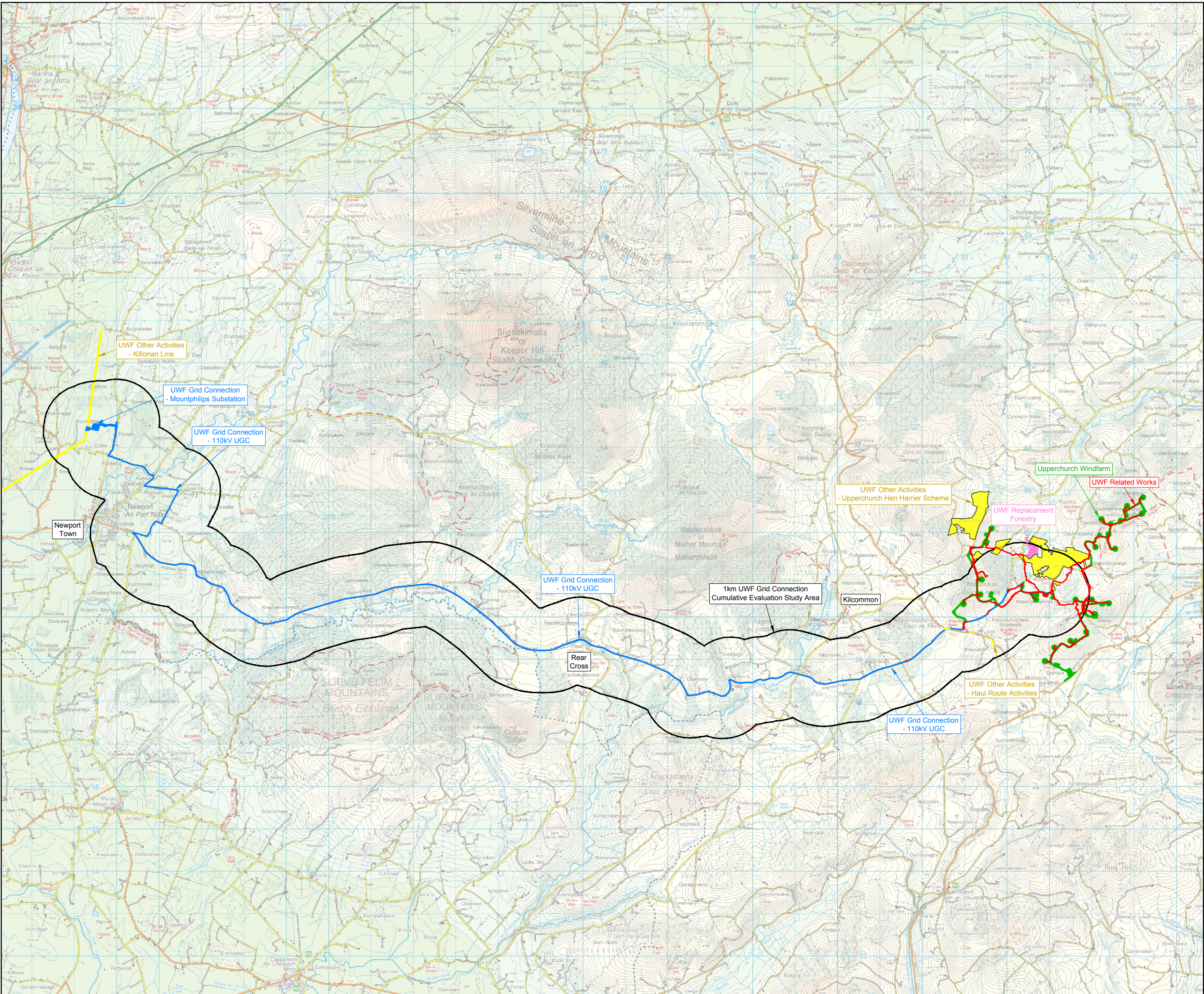
Project:
UWF Grid Connection (2019)

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Biodiversity: General Birds

Figure CE 8.7
UWF Grid Connection Cumulative
Evaluation Study Area for
General Bird Species

Map Number:
Map 1 of 1

Legend:

Subject Development:

— UWF Grid Connection
Construction Works Area

Cumulative Evaluation Projects:

— UWF Related Works
Construction Works Area

— Upperchurch Windfarm
Construction Works Area

— UWF Replacement Forestry
Construction Works Area

UWF Other Activities:
- Upperchurch Hen Harrier Scheme
- Haul Route Activities
- Killonan Line

Study Area Extents :

— 1km Study Area
- UWF Grid Connection
Construction Works Area



Project:
UWF Grid Connection (2019)

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Map Number:
Overview Map

Legend:

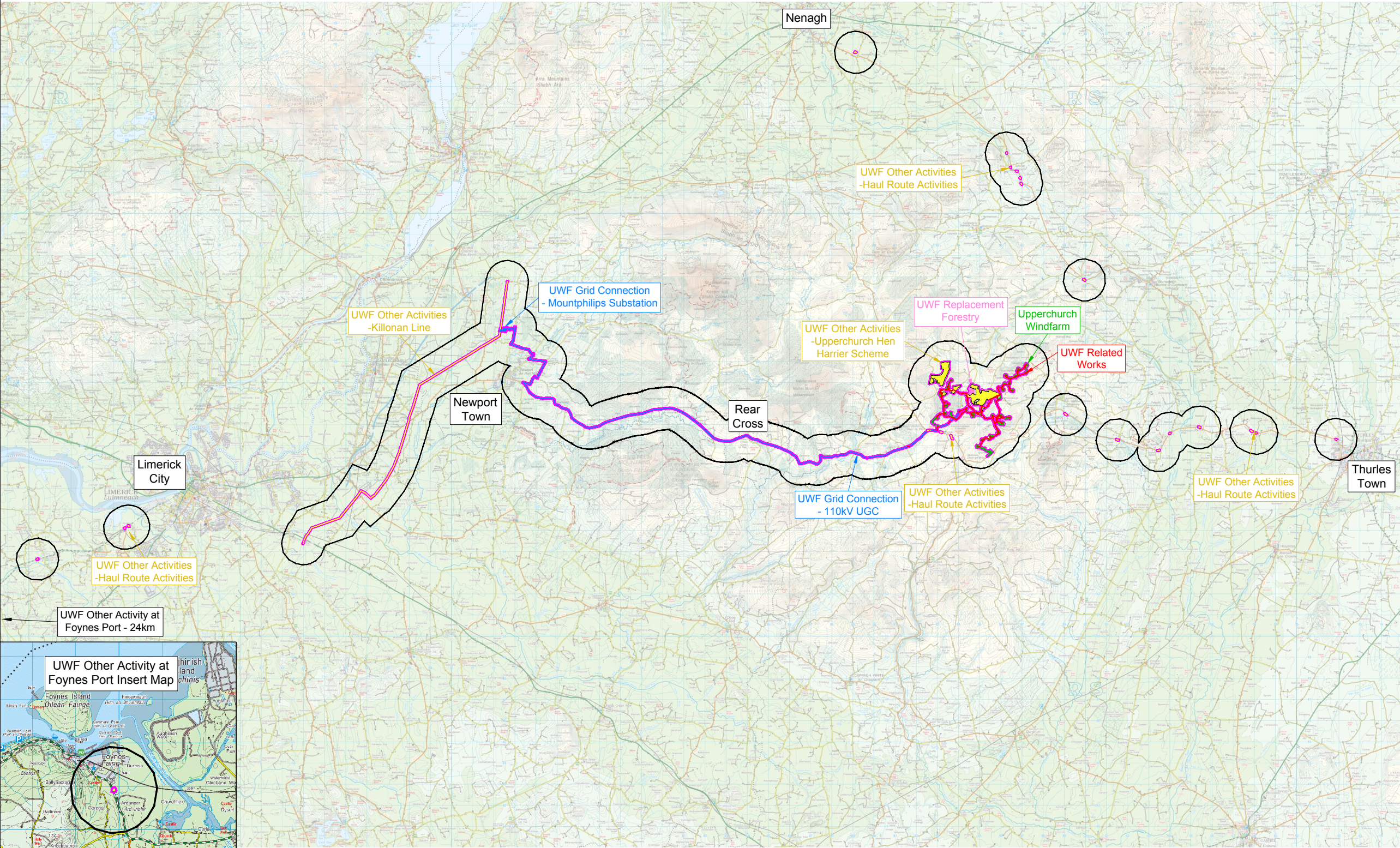
Elements of the Whole UWF Project:

- UWF Grid Connection Construction Works Area
- UWF Related Works Construction Works Area
- Upperchurch Windfarm Construction Works Area
- UWF Replacement Forestry Construction Works Area

- UWF Other Activities:
- Upperchurch Hen Harrier Scheme
 - Haul Route Activities
 - Killonan Line

Study Area Extents:

- 1km Study Area from all of the Whole Project Construction Works Areas and Activities
- 50m Study Area from all of the Whole Project Construction Works Areas and Activities



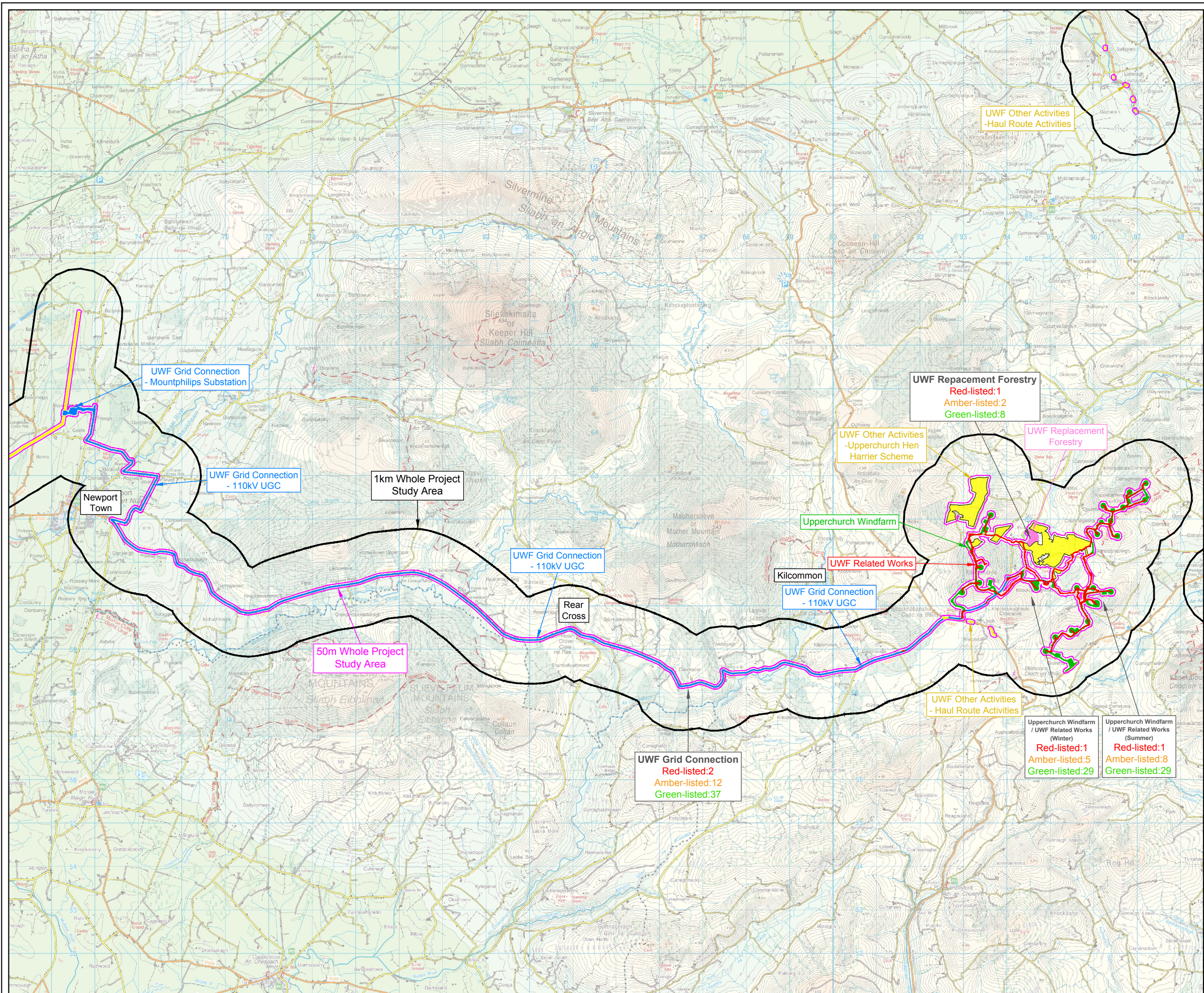
Project:
UWF Grid Connection (2019)

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Biodiversity: General Birds
Figure WP 8.7.2
Whole Project Study Area
for General Bird Species

Map Number:
Map 1 of 1

- Legend:
- Elements of the Whole UWF Project:**
- UWF Grid Connection Construction Works Area
 - UWF Related Works Construction Works Area
 - Upperchurch Windfarm Construction Works Area
 - UWF Replacement Forestry Construction Works Area
 - UWF Other Activities:
 - Upperchurch Hen Harrier Scheme
 - Haul Route Activities
 - Killonan Line

- Study Area Extents:**
- 1km Study Area from all of the Whole Project Construction Works Areas and Activities
 - 50m Study Area from all of the Whole Project Construction Works Areas and Activities

Survey Results:

T40
Red-listed:1
Amber-listed:5
Green-listed:15

Transect labels on these figures identify the number of species noted during transect surveys for each sensitivity rating:
Red-listed species,
Amber-listed species,
Green-listed species

See Appendix 8.7: General Birds Fieldwork & Survey Results, for further details



Project:
UWF Grid Connection (2019)

Drawn by:	Checked by:	Date:	Sheet Size:
AB	PK	October 19	A3



Aoife Butler
Ecopower Developments Ltd
Zetec House,
Purcellsinch Business Park, Kilkenny
TEL: +353 56 7750140
MOB: +353 83 8805644

