

Proposed Umma More Wind Farm

Appendix 4 Photomontage Booklet



The numbering of Viewpoints in this Appendix follows on sequentially from the Viewpoint numbering in Volume 2 of the EIAR.

The Methodology used for photomontage production is included in Section 3.6.2 of Appendix 3 - Hill of Uisneach Technical Report.

The following two guidance documents are considered the industry benchmark for producing photomontages specifically for wind energy developments and were the standards adhered to during the production of photomontages for this booklet.

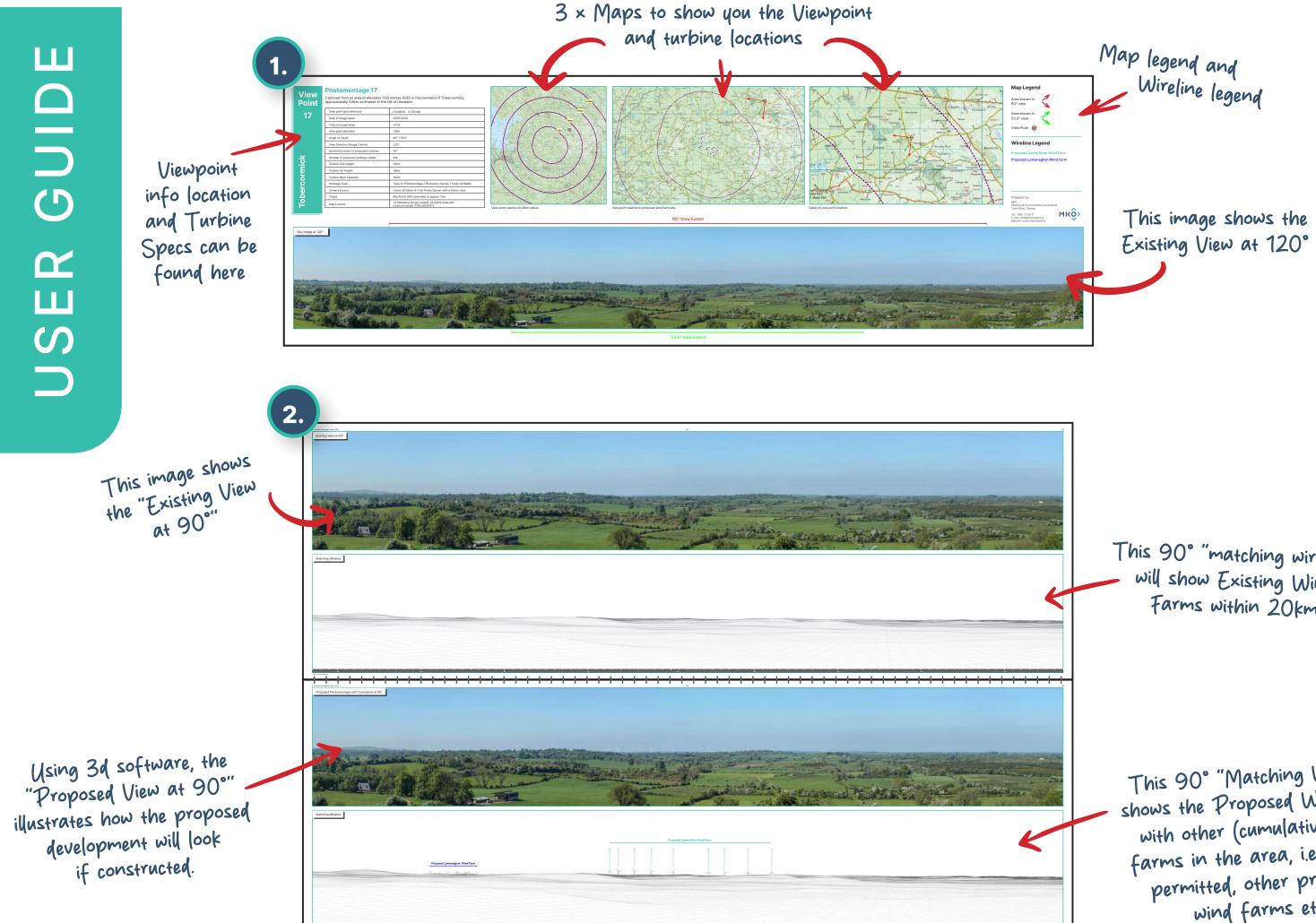
- 'Visual Representation of Wind Farms: Version 2.2' (Scottish Natural Heritage, 2017)
- 'Visual Representation of Development Proposals' (Landscape Institute Technical Guidance Note 06/19, 2019) (hereafter, LI TGN 06/19)



Visual Representation of Development Proposals







### **VISUAL TOOL**

It is recommended that photomontages at 53.5° are simply viewed at a comfortable arm's length. (approximately 500mm - 550mm - Visual Representation of Development Proposals LI TGN 06/19 Page 14 of 58).

This will vary depending on the length of the viewer's arms and their eyesight. They should also be viewed flat as they are in planar projection.



This 90° "matching wireline" will show Existing Wind Farms within 20km

This 90° "Matching Wireline" shows the Proposed Wind Farm with other (cumulative) wind farms in the area, i.e existing, permitted, other proposed wind farms etc...



## TURBINE GUIDE

Colour reference indicating the status of each development.

> **Proposed Umma More** Wind Farm

#### Cumulative

Proposed Wind Farms

This image illustrates the "Proposed Wind Farm at 53.5°". Other existing permitted and proposed wind farms are also shown.

This 53.5° "matching wireline" shows the Proposed Wind Farm and visible cumulative.

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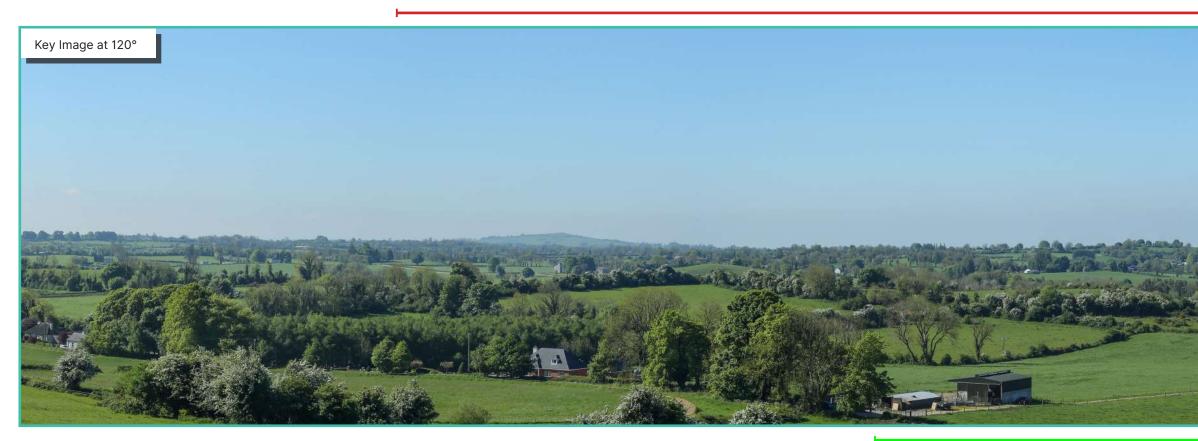
### Photomontage 17

Captured from an area of elevation (126 metres AOD) in the townland of Tobercormick, approximately 3.6km northwest of the Hill of Uisneach.

View point grid reference	E 626510 N 751590
Date of image taken	09.05.2025
Time of image taken	10:19
View point elevation	126m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	231°
Horizontal extent of proposed turbines	20°
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 20km radius.

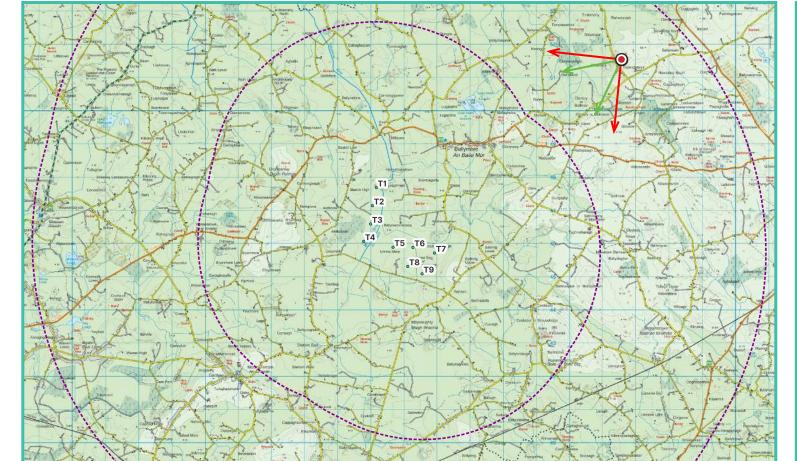


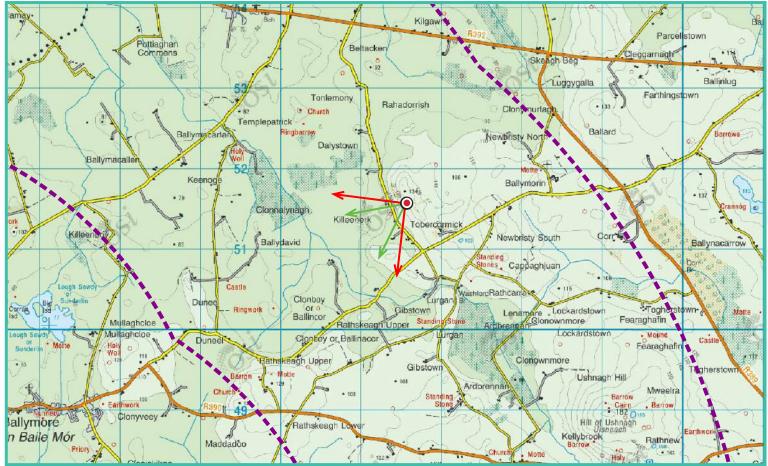
View

Point

17

Tobercormick



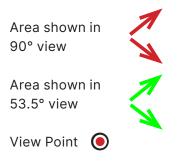


View point relative to proposed wind farm site.

Detail of view point location.

90° View Extent

#### Map Legend



#### Wireline Legend

Proposed Umma More Wind Farm
Proposed Lemanaghan Wind Farm

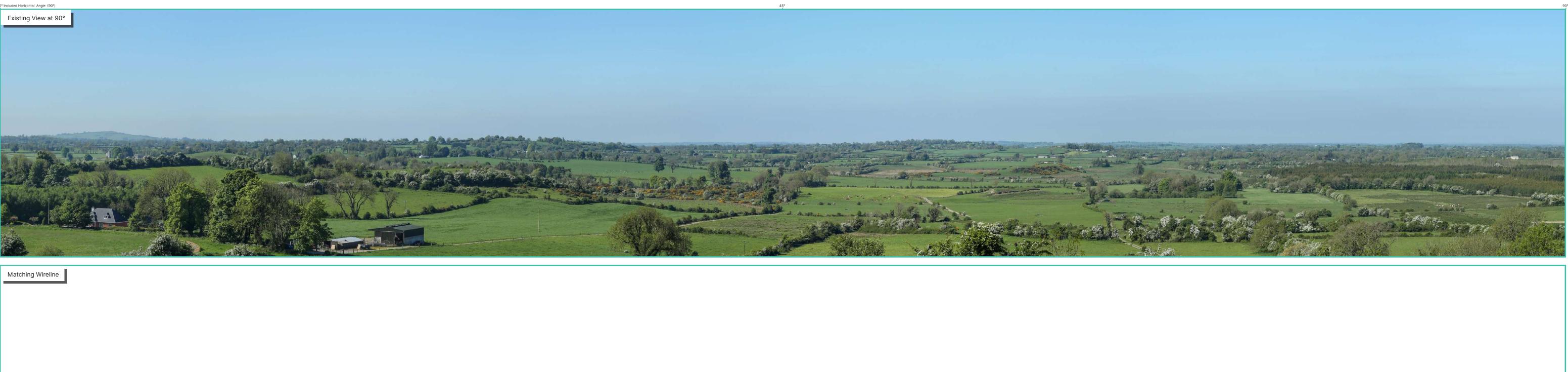
Prepared by MKO Planning & Environmental Consultants Tuam Road, Galway.

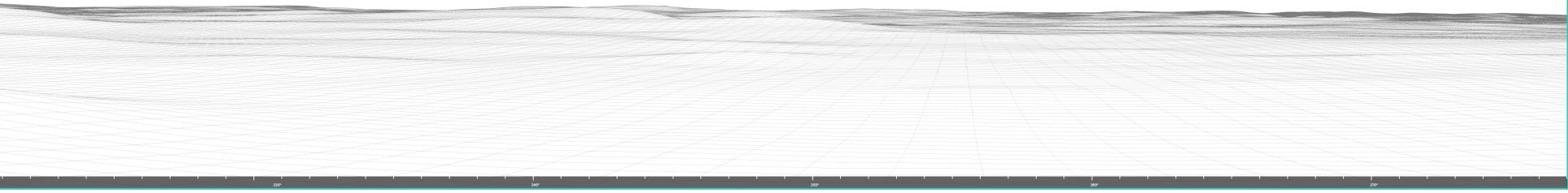
Tel: (091) 73 56 11 E-mail: info@mkoireland.ie Website: www.mkoireland.ie







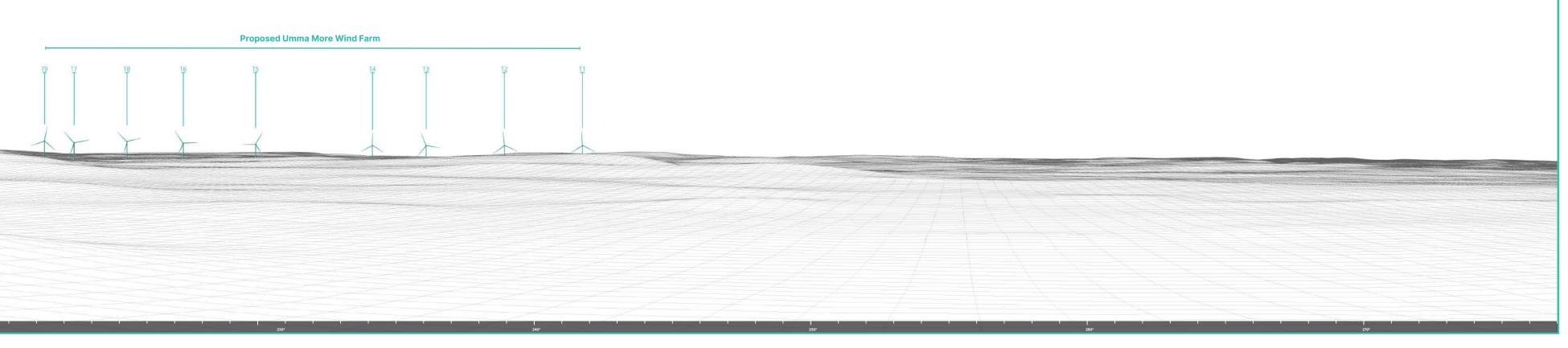






Proposed Lemanaghan Wind Farm

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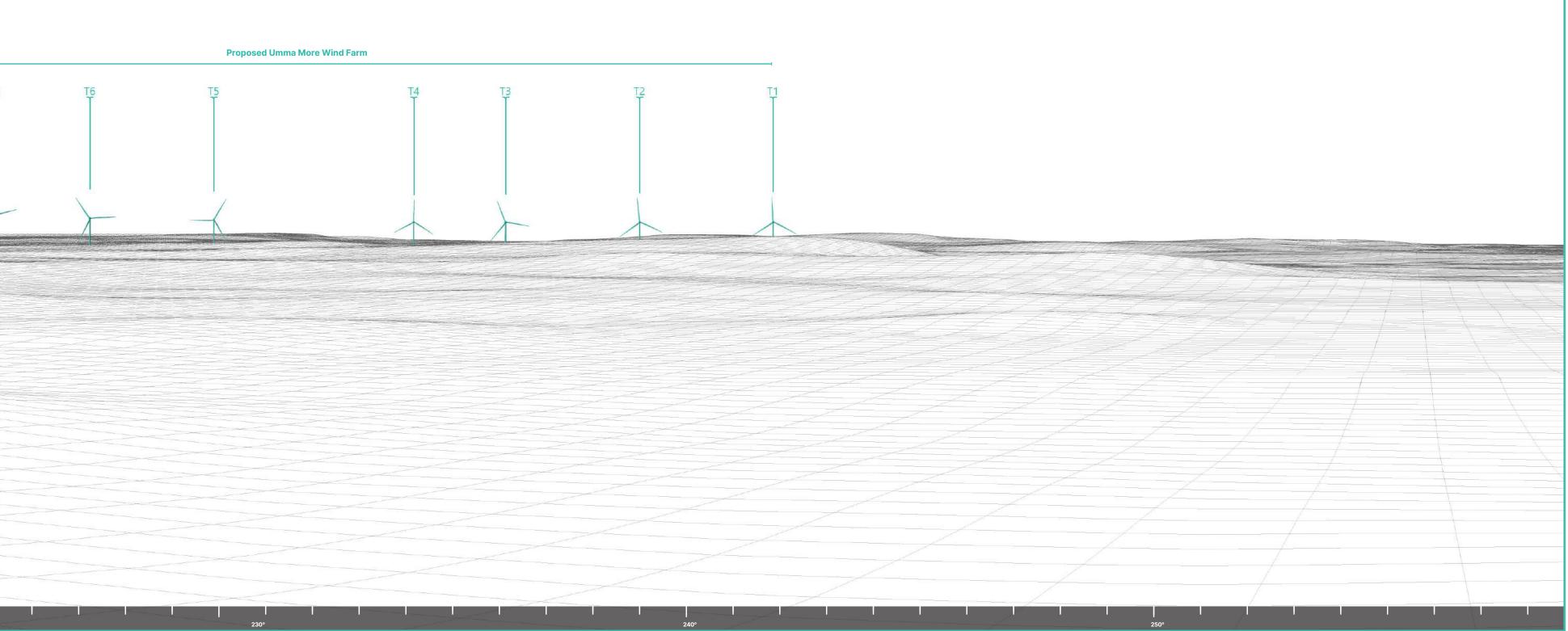


Proposed Photomontage with Cumulative at 53.5°



Matching Wireline	
	L
	19 17 18 T T T
Proposed Lemanaghan Wind Farm	L I I

210°



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#### Photomontage 18

Captured from an area of elevation (162 metres AOD) in the townland of Killeenbrack, approximately 2.7km south of the Hill of Uisneach.

View point grid reference	E 628015 N 746606
Date of image taken	09.05.2025
Time of image taken	12:22
View point elevation	162m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	268°
Horizontal extent of proposed turbines	18°
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 20km radius.

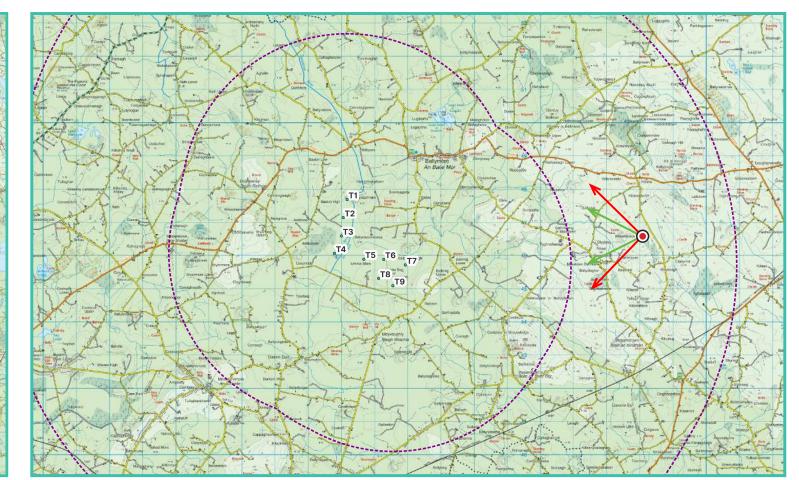


18

View

Point

Killeenbrack



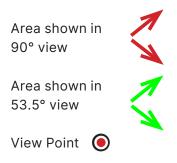


View point relative to proposed wind farm site.

Detail of view point location.

90° View Extent

#### Map Legend



#### Wireline Legend

Proposed Umma More Wind Farm
Proposed Derryadd Wind Farm

Prepared by

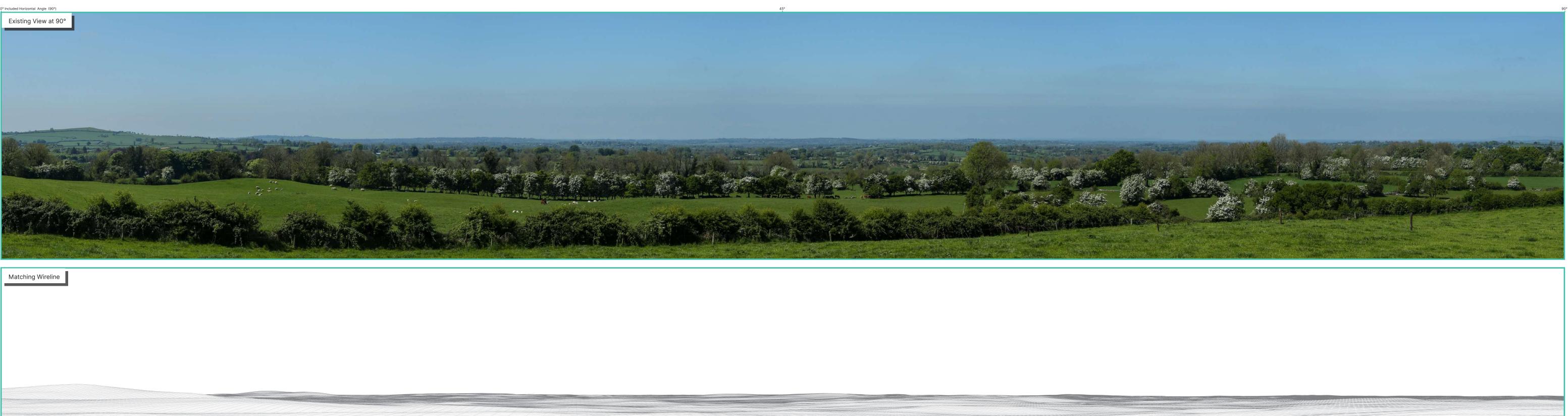
MKO Planning & Environmental Consultants Tuam Road, Galway.

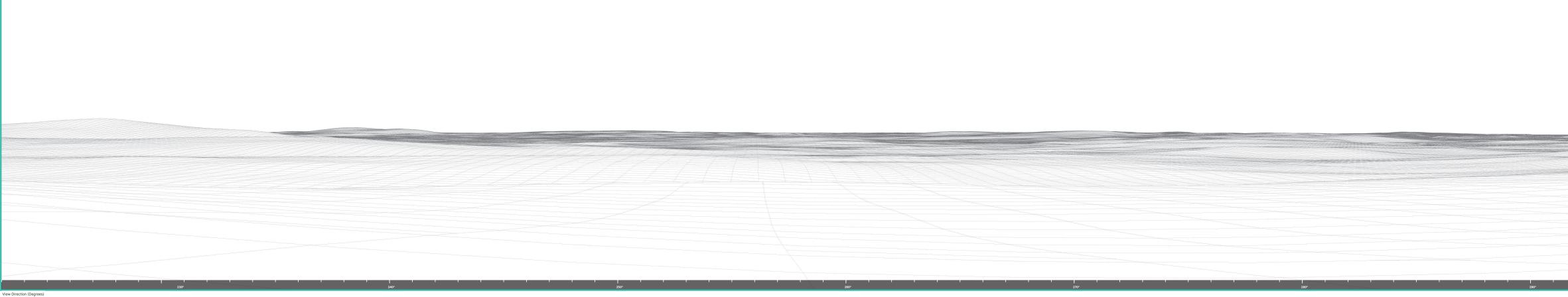
Tel: (091) 73 56 11 E-mail: info@mkoireland.ie Website: www.mkoireland.ie





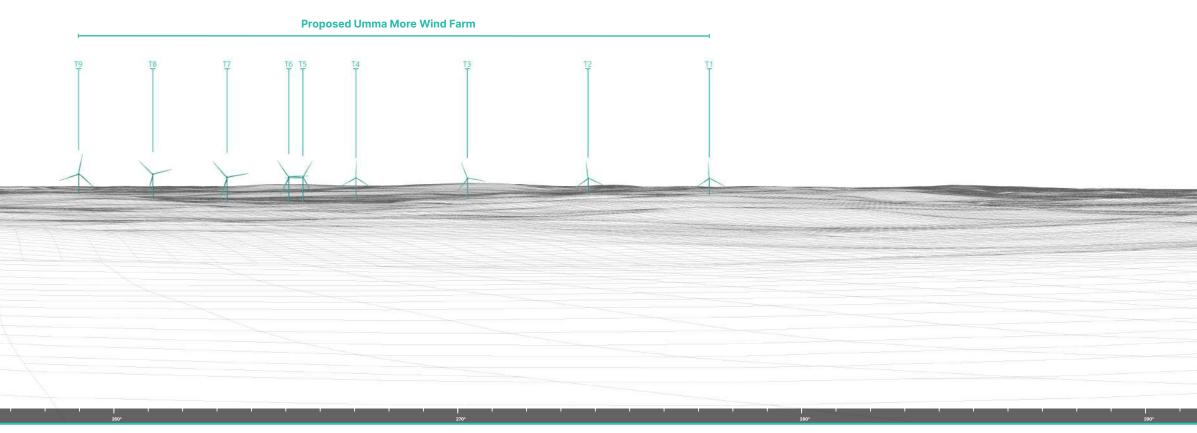




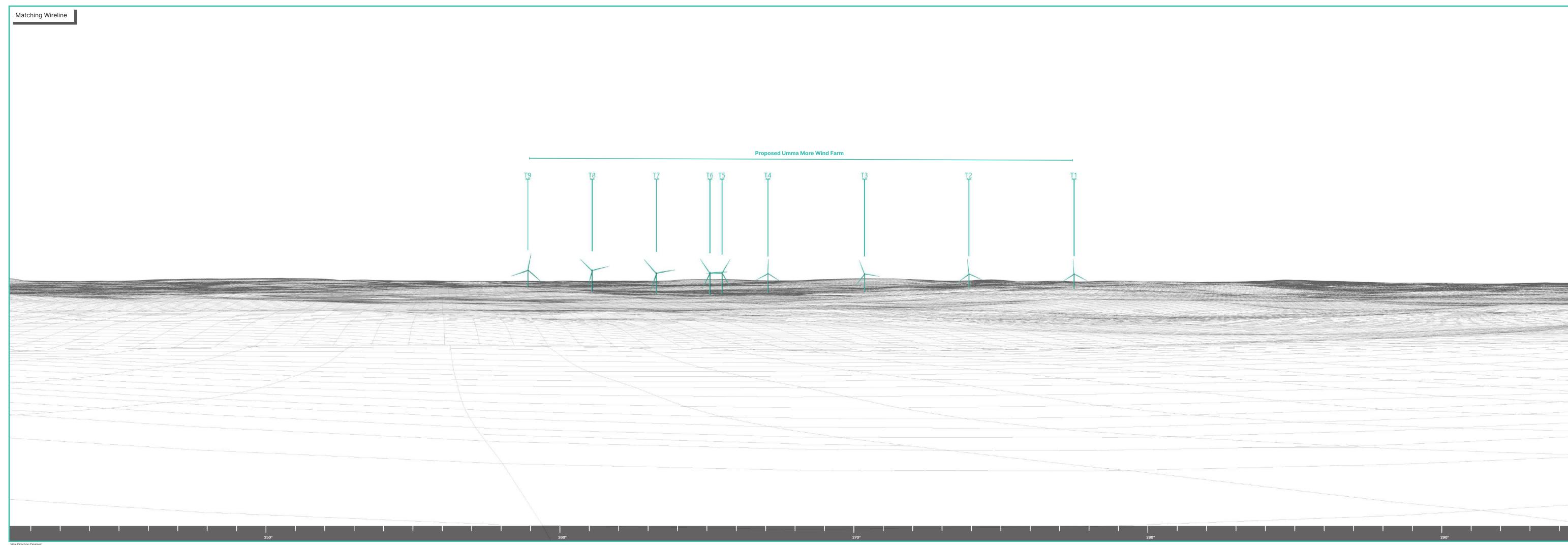




Matching Wireline







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### Photomontage 19

View

Point

19

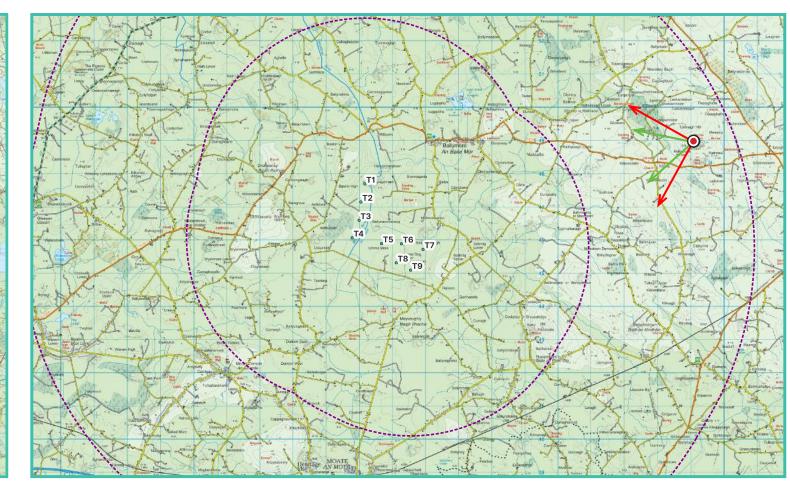
Hill of Uinseach - 15m above Summit & St Patrick's Bed Drone image captured approximately 15 metres above the summit of the Hill of Uisneach. The image was captured directly above the monument of St Patrick's Bed.

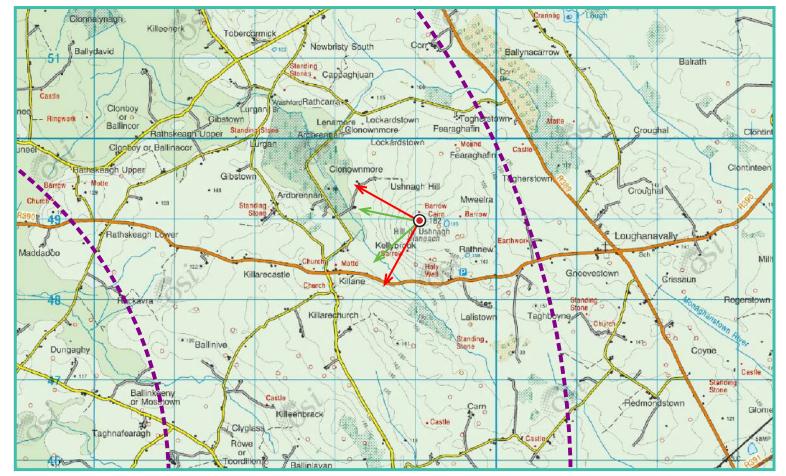
View point grid reference	E 629030 N 749000
Date of image taken	02.05.2025
Time of image taken	12:59
View point elevation	182m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	254°
Horizontal extent of proposed turbines	17°
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Montage Type	Type 3* Photomontage / Photowire
Drone	DJI Mini 3 Pro
Camera and Lens	FC3582 / 24mm equivalent
Camera Height	15m above ground
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View point relative to 20km radius.





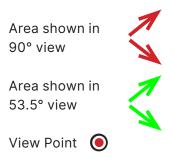


View point relative to proposed wind farm site.

Detail of view point location.

90° View Extent

#### Map Legend



#### Wireline Legend

Proposed Umma More Wind Farm Proposed Lemanaghan Wind Farm

Prepared by MKO Planning & Environmental Consultants Tuam Road, Galway.

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