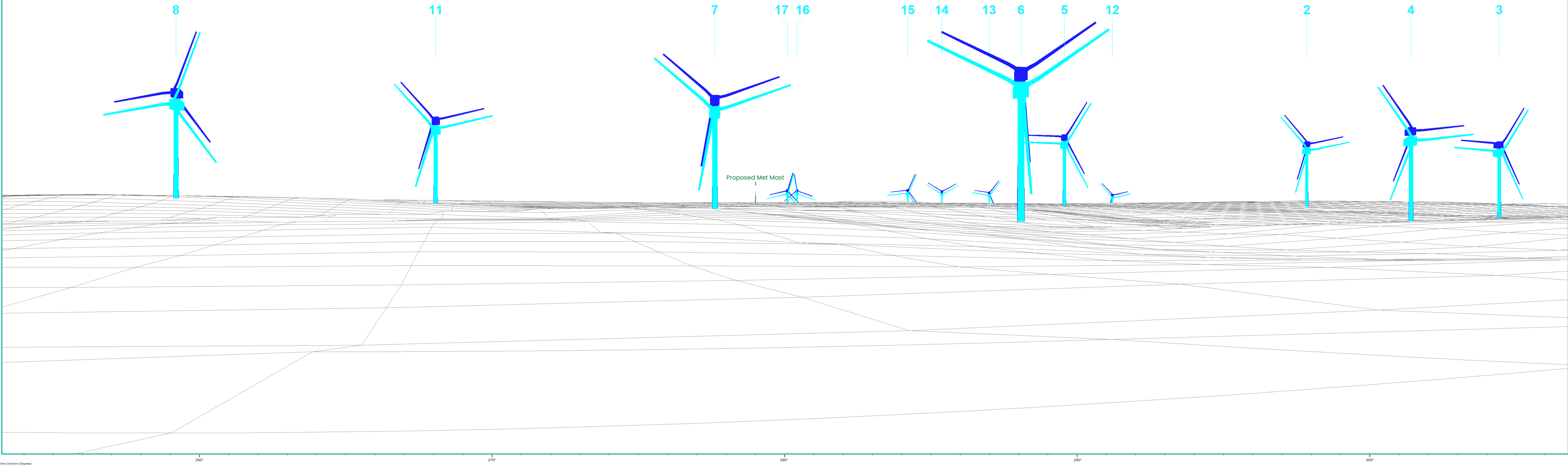


Lowest Hub & Longest Blade with Cumulative at 53.5°



Proposed Lyrenacarriga Wind Farm

Proposed Innogy Lyrenacarriga Wind Farm - Lowest Hub (83.5m) and Longest Blade (66.5m)





# View Point 17

## Ballydaniel

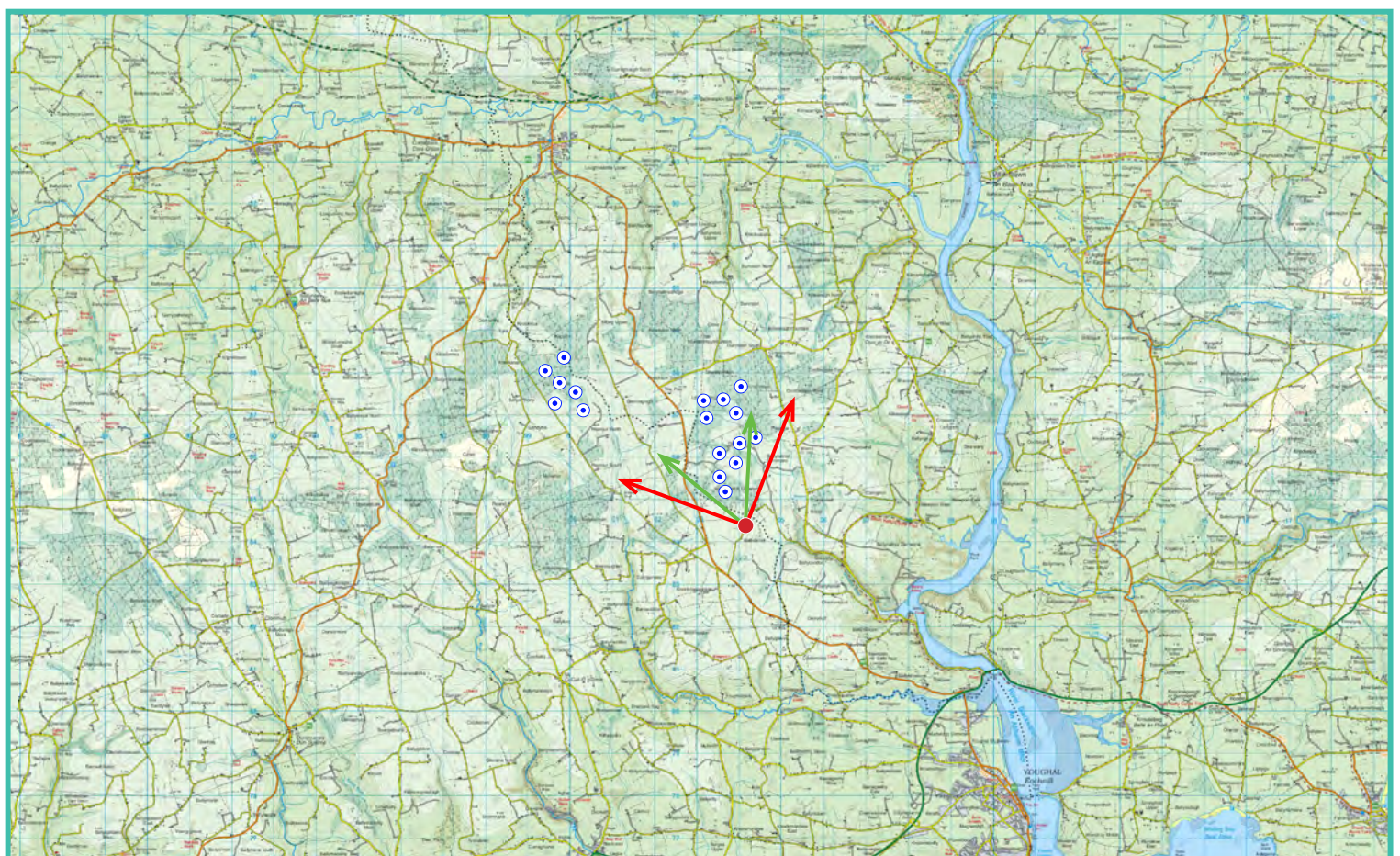
### Photomontage 17

**View Point:** View from a local road in the townland of Ballydaniel. This viewpoint is located approximately 970m south-east of the nearest turbine (T10).

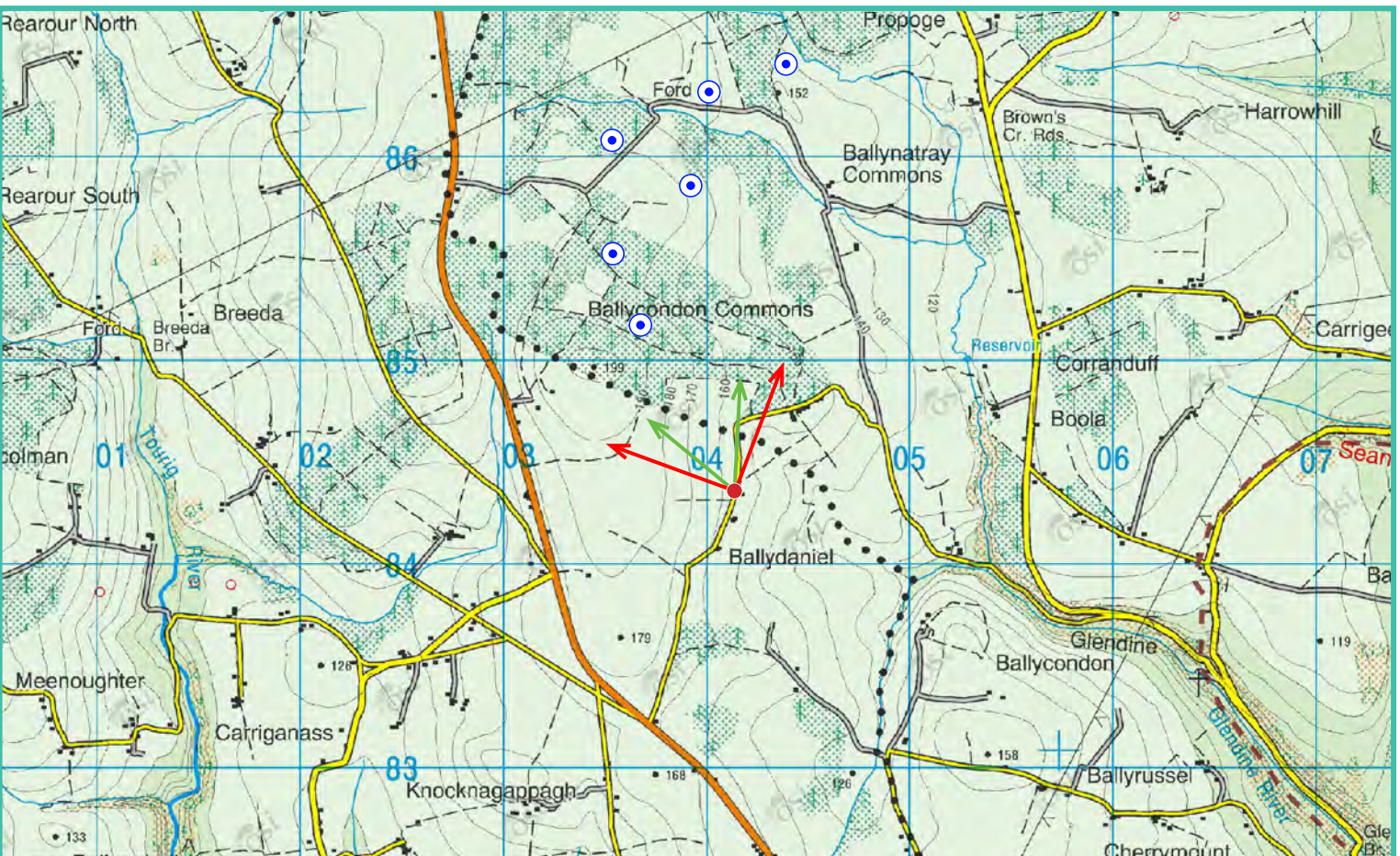
View point grid reference	E 604,072 N 584,370
Date of image taken	17.06.2022
Time of image taken	12:07
View point elevation	156m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	335°
Horizontal extent of proposed turbines	65°
Distance to nearest proposed turbine	970m (T10)
Number of proposed turbines visible	11/17
Turbine Hub Height	93.5m
Turbine Tip Height	150m
Turbine Rotor Diameter	113m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 relative to wind farm site.



Detail of view point location.

#### Map Legend

- Area shown in 90° view ↗
- Area shown in 53.5° view ↗
- View Point ●

#### Wireframe Legend

- Proposed Wind Farm ■
- Existing Wind Farms ■
- Proposed Met Mast ■

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90° View Extent



Key Image at 120°

53.5° View Extent

0° Included Horizontal Angle (90°)

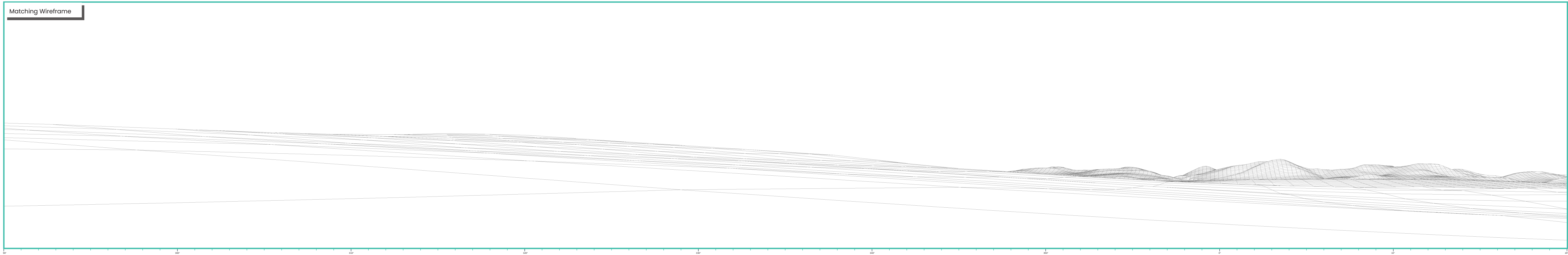
Existing View at 90°



45°

90°

Matching Wireframe



View Direction (Degrees)

300°

330°

360°

30°

60°

90°

120°

150°

180°

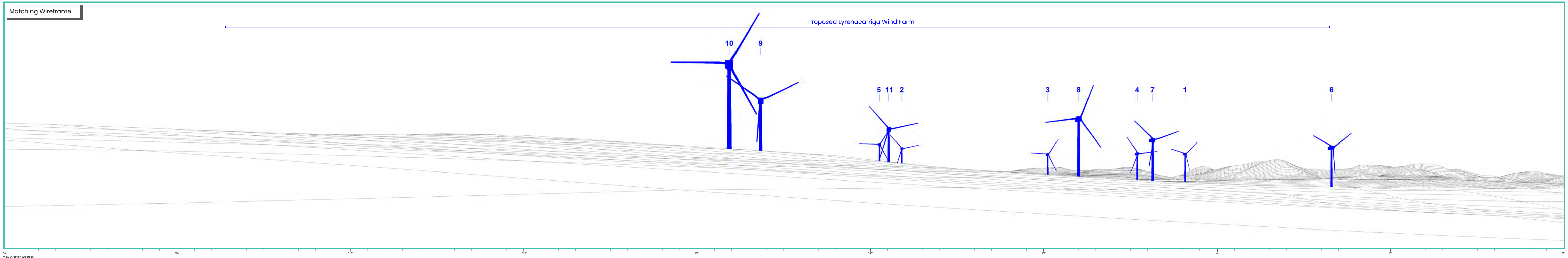
9.1

Proposed Photomontage with Cumulative at 90°



Matching Wireframe

Proposed Lyrenacarriga Wind Farm



Proposed Photomontage with Cumulative at 53.5°



Proposed Lyrenacarriga Wind Farm







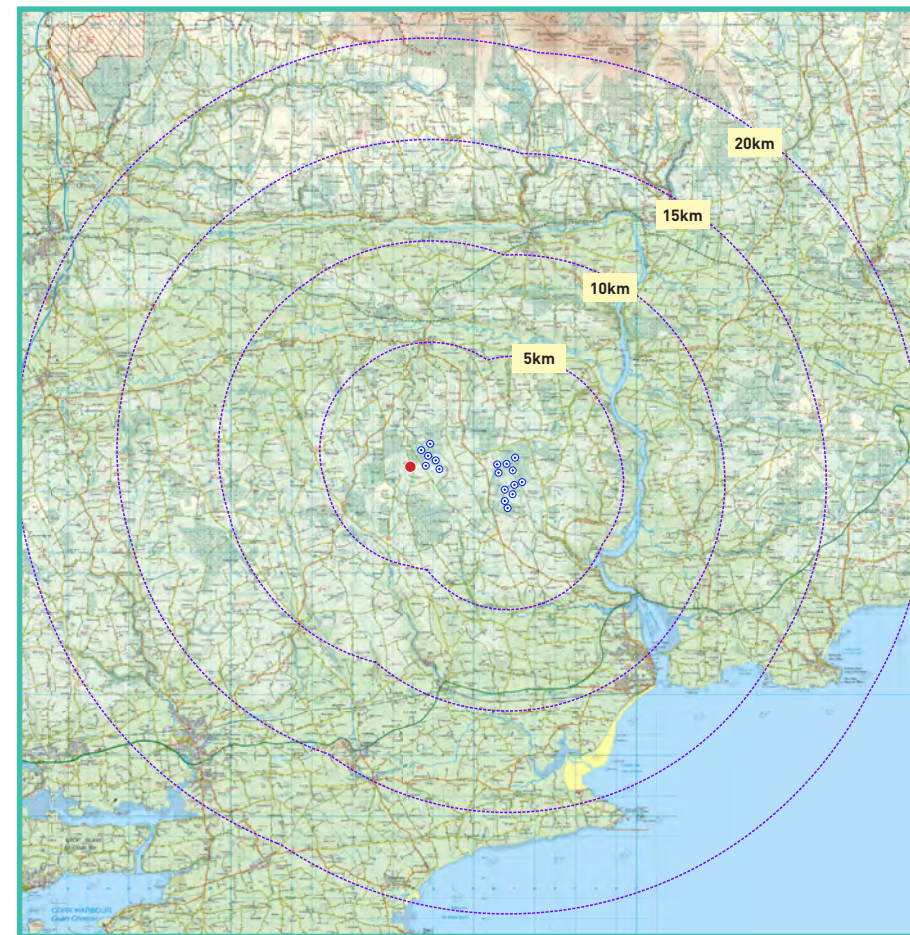
# View Point 19

## Ballyanthy 19

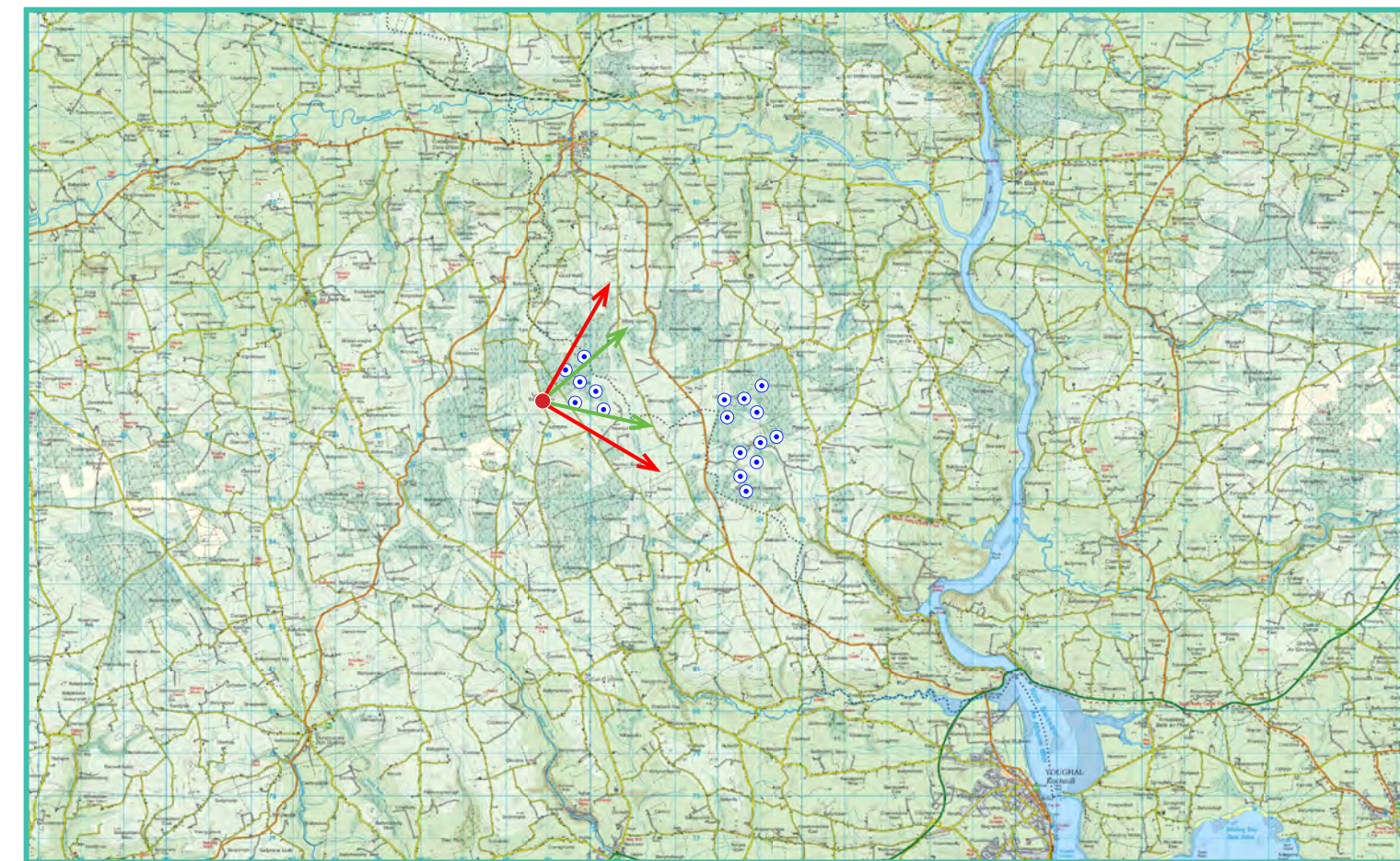
### Photomontage 19

**View Point:** View from a local road in the townland of Ballyanthy. This viewpoint is located approximately 766m west of the nearest turbine (T16).

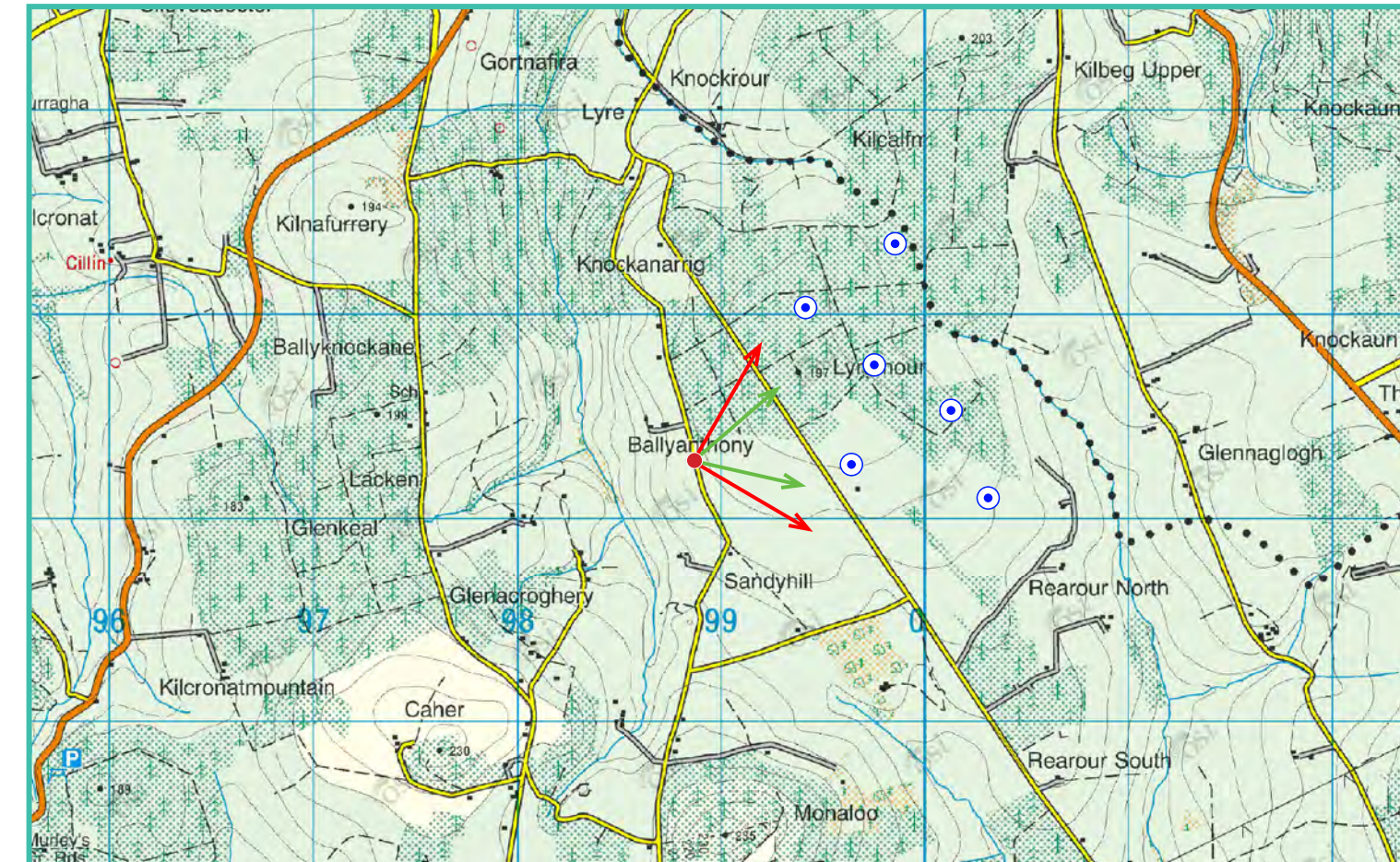
View point grid reference	E 598,824 N 587,356
Date of image taken	17.06.2022
Time of image taken	13:52
View point elevation	177m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	75°
Horizontal extent of proposed turbines	78°
Distance to nearest proposed turbine	766m (T16)
Number of proposed turbines visible	6/17
Turbine Hub Height	93.5m
Turbine Tip Height	150m
Turbine Rotor Diameter	113m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

#### Map Legend

- Area shown in 90° view ↗
- Area shown in 53.5° view ↘
- View Point ●

#### Wireframe Legend

- Proposed Wind Farm ○
- Existing Wind Farms ○
- Proposed Met Mast ○

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90° View Extent



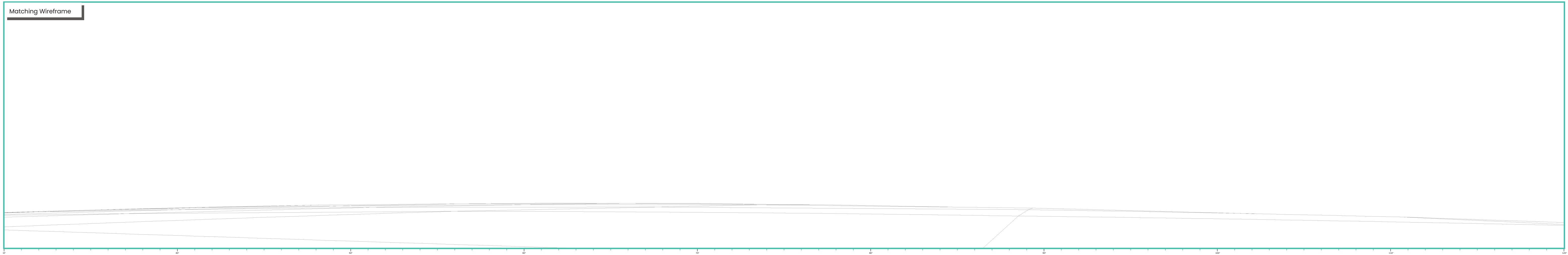
Key Image at 120°

53.5° View Extent

Existing View at 90°



Matching Wireframe

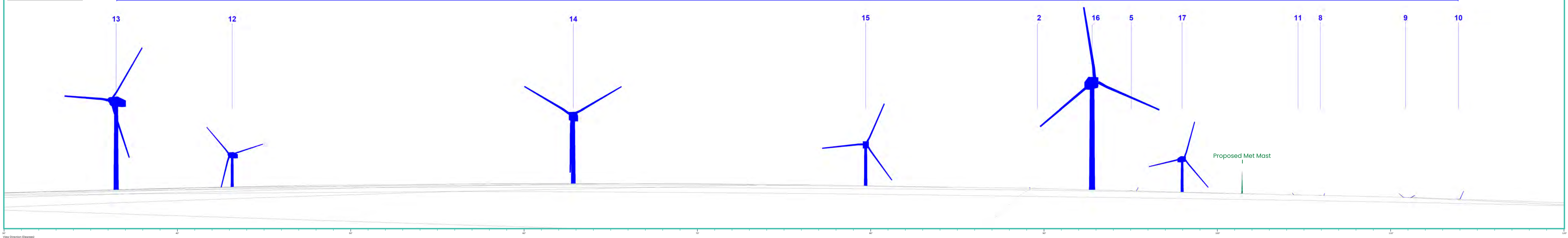


Proposed Photomontage with Cumulative at 90°



Matching Wireframe

Proposed Lyrenacarriga Wind Farm



Proposed Photomontage with Cumulative at 53.5°



Proposed Lyrenacarriga Wind Farm





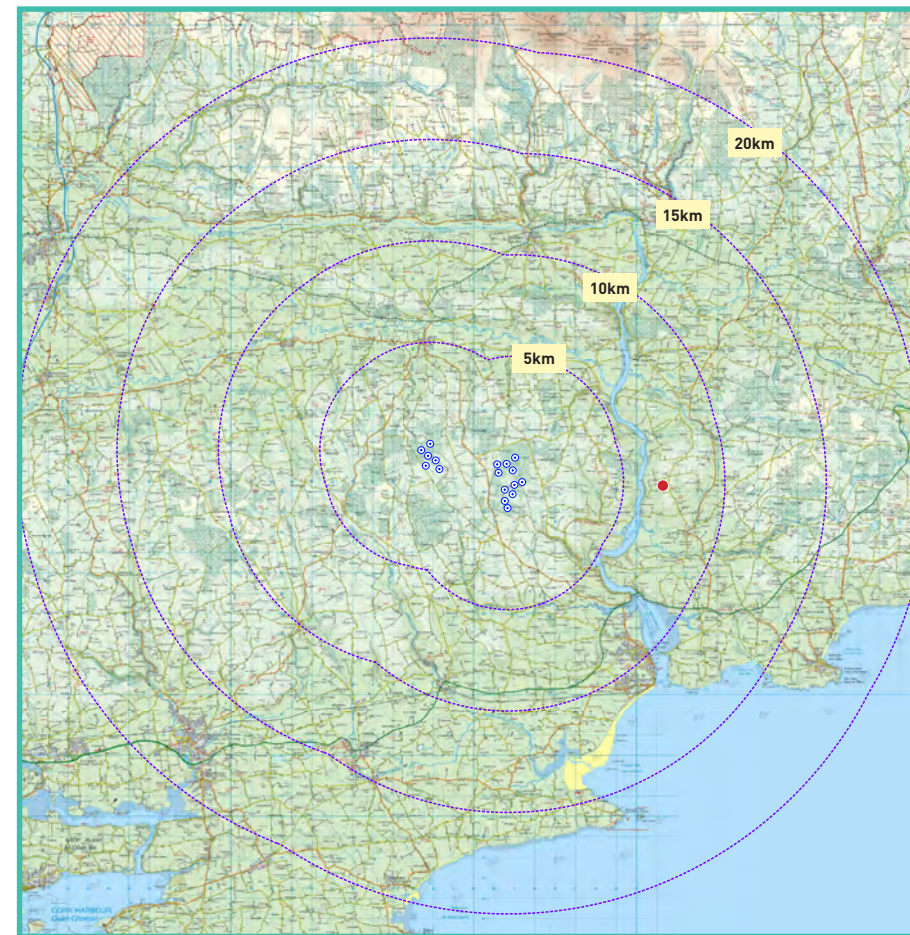
# View Point 20

# Coolbagh

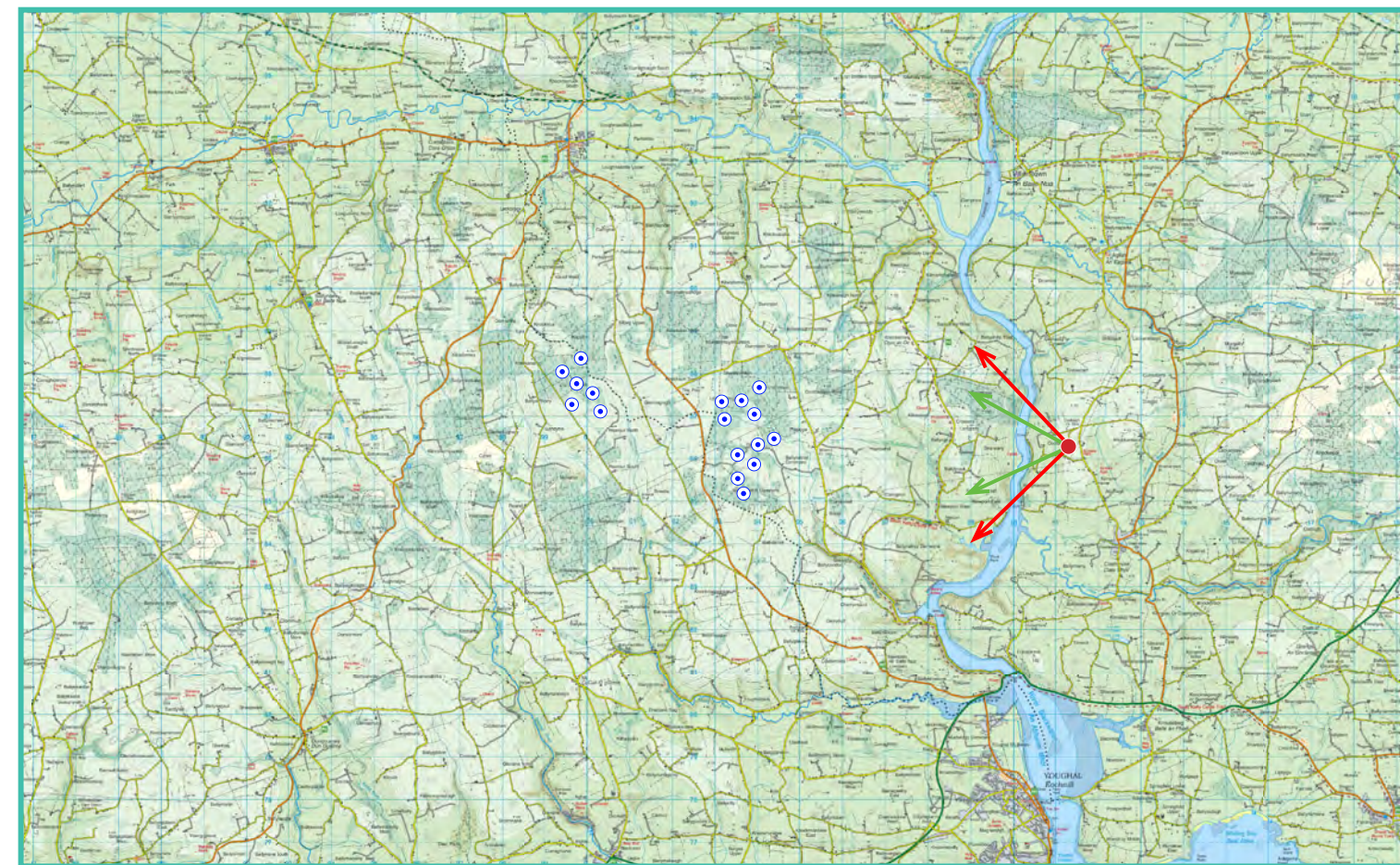
## Photomontage 20

**View Point:** View from a local road in the townland of Coolbagh. This viewpoint is located approximately 6.9 km east of the nearest proposed turbine (T6).

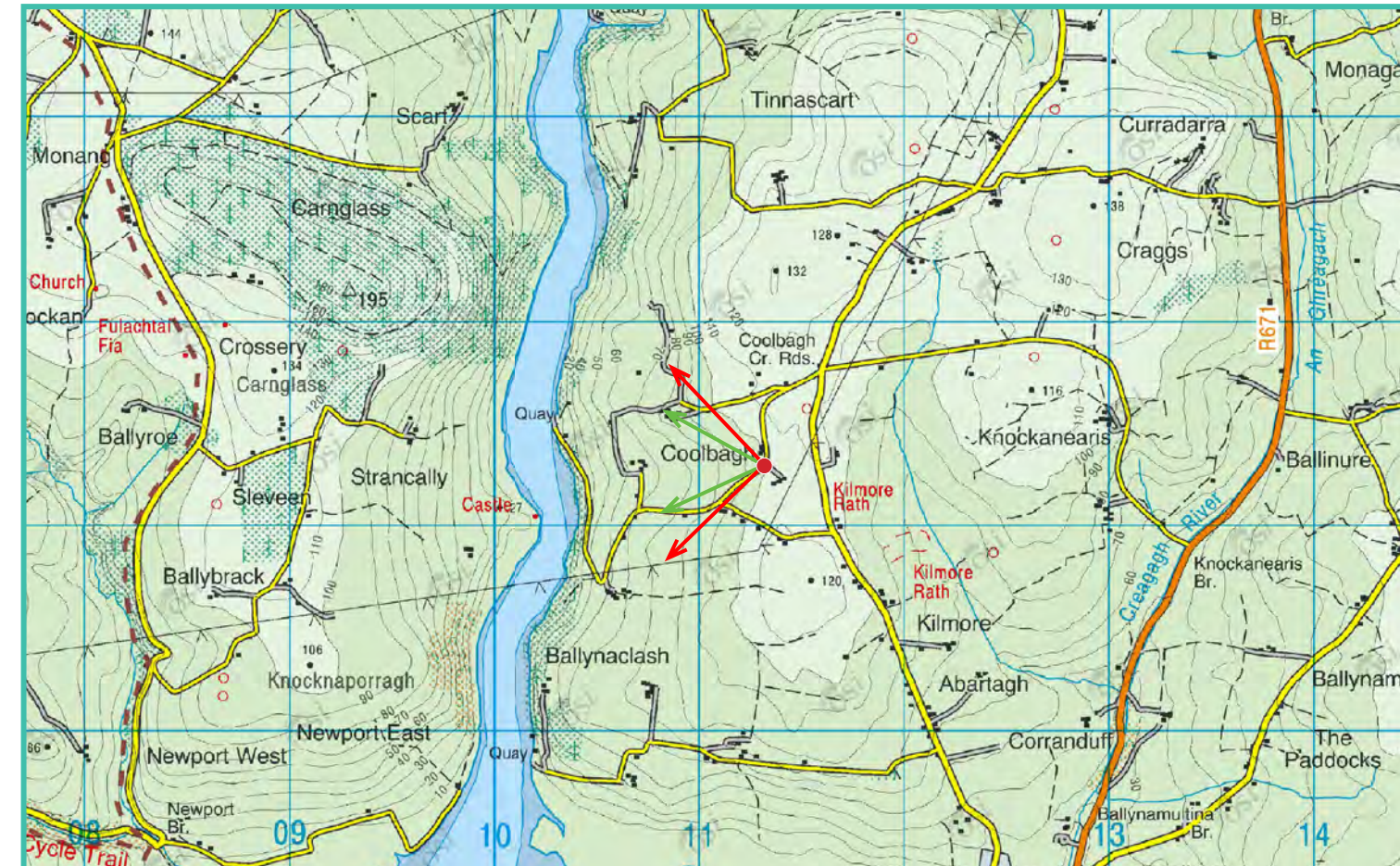
View point grid reference	E 611,251 N 586,333
Date of image taken	17.06.2022
Time of image taken	07:52
View point elevation	97m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	271°
Horizontal extent of proposed turbines	19°
Distance to nearest proposed turbine	6.9km (T6)
Number of proposed turbines visible	17/17
Turbine Hub Height	93.5m
Turbine Tip Height	150m
Turbine Rotor Diameter	113m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

### Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

### Wireframe Legend

- Proposed Wind Farm
- Existing Wind Farms
- Proposed Met Mast

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90° View Extent



Key Image at 120°

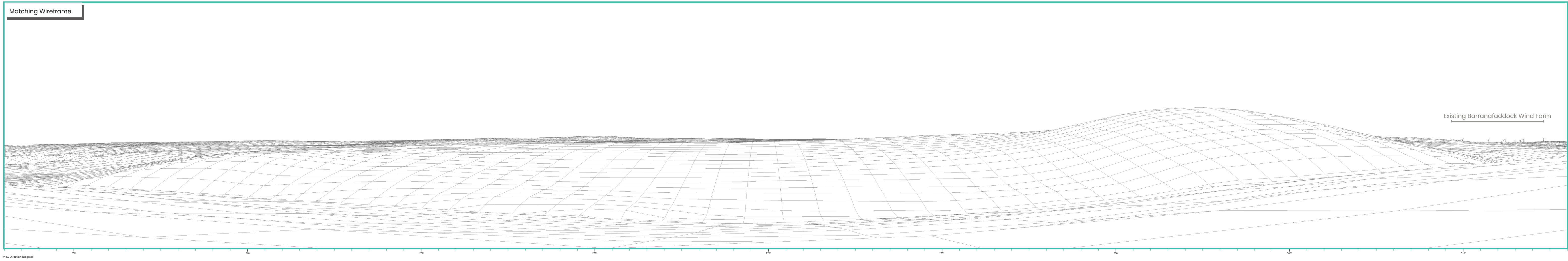
53.5° View Extent



Existing View at 90°



Matching Wireframe

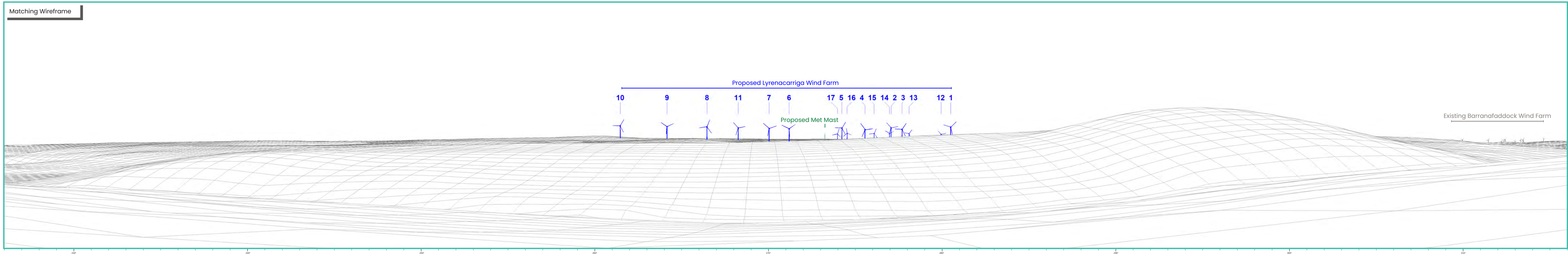


Existing Barranafaddock Wind Farm

Proposed Photomontage with Cumulative at 90°

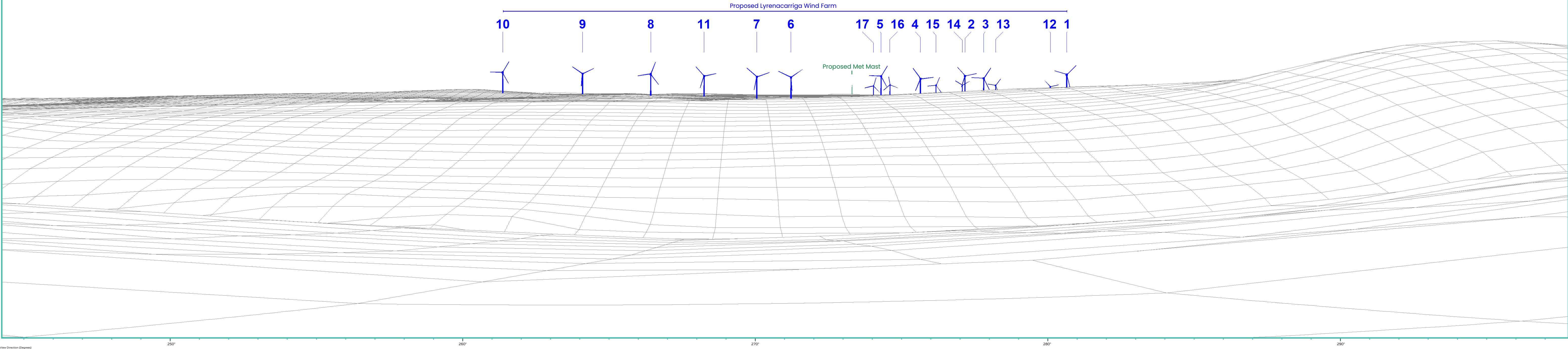


Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°





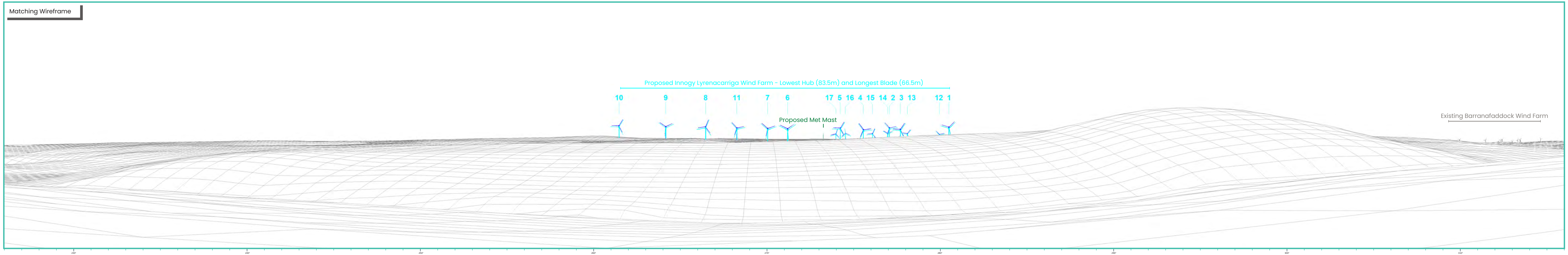
# **TURBINE ENVELOPE MIX**

VP20 - Lowest Hub & Longest Blade

Lowest Hub & Longest Blade with Cumulative at 90°

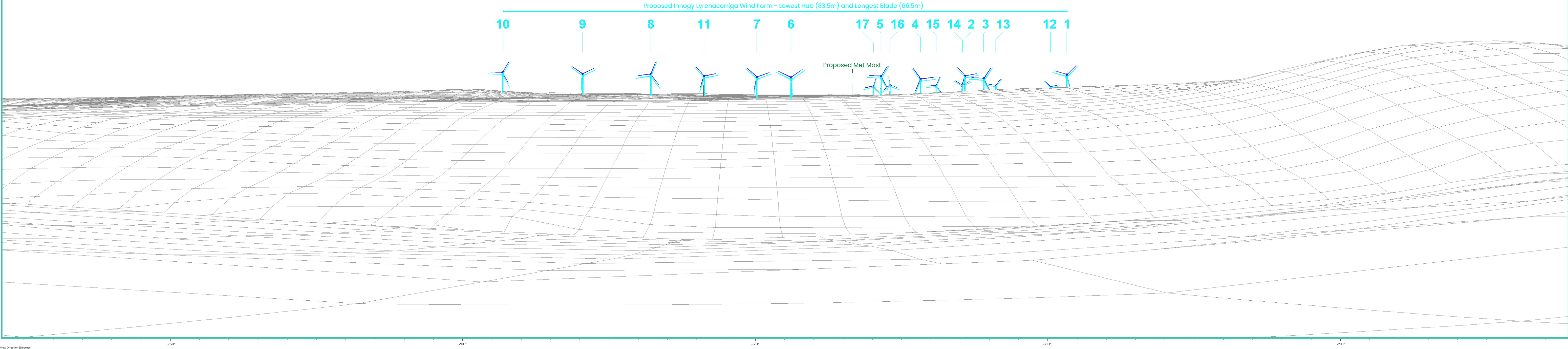


Matching Wireframe



Lowest Hub & Longest Blade with Cumulative at 53.5°









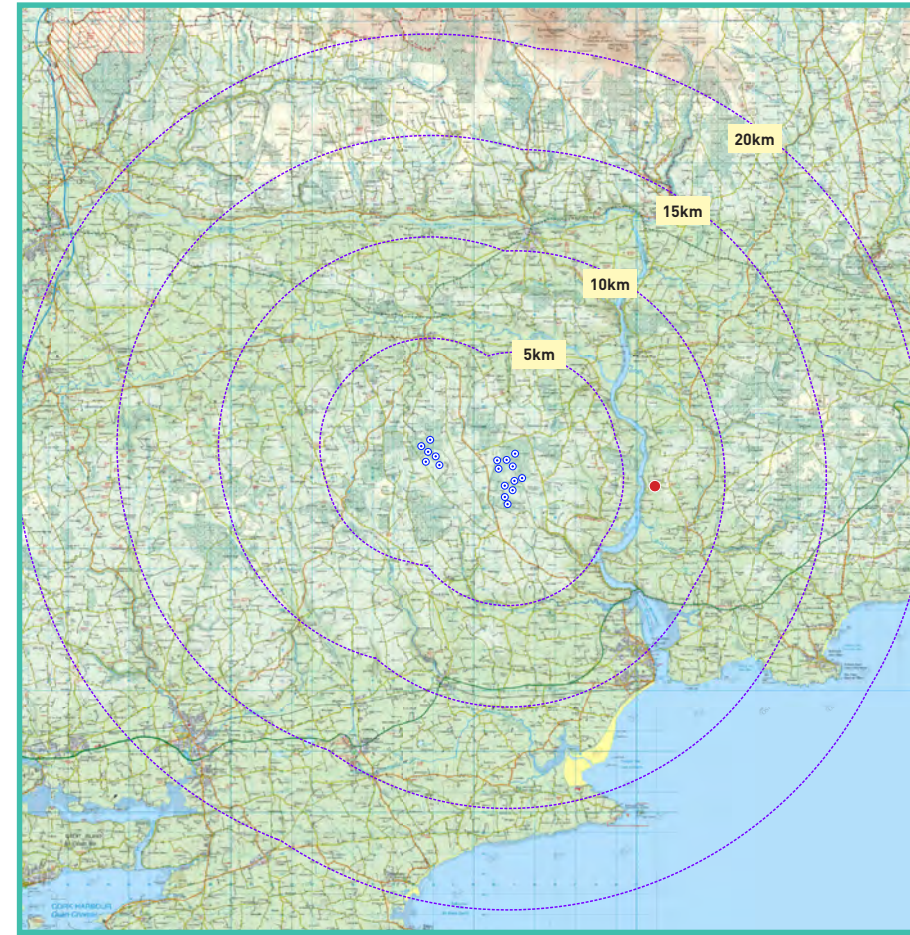
# View Point 21

# Coolbagh

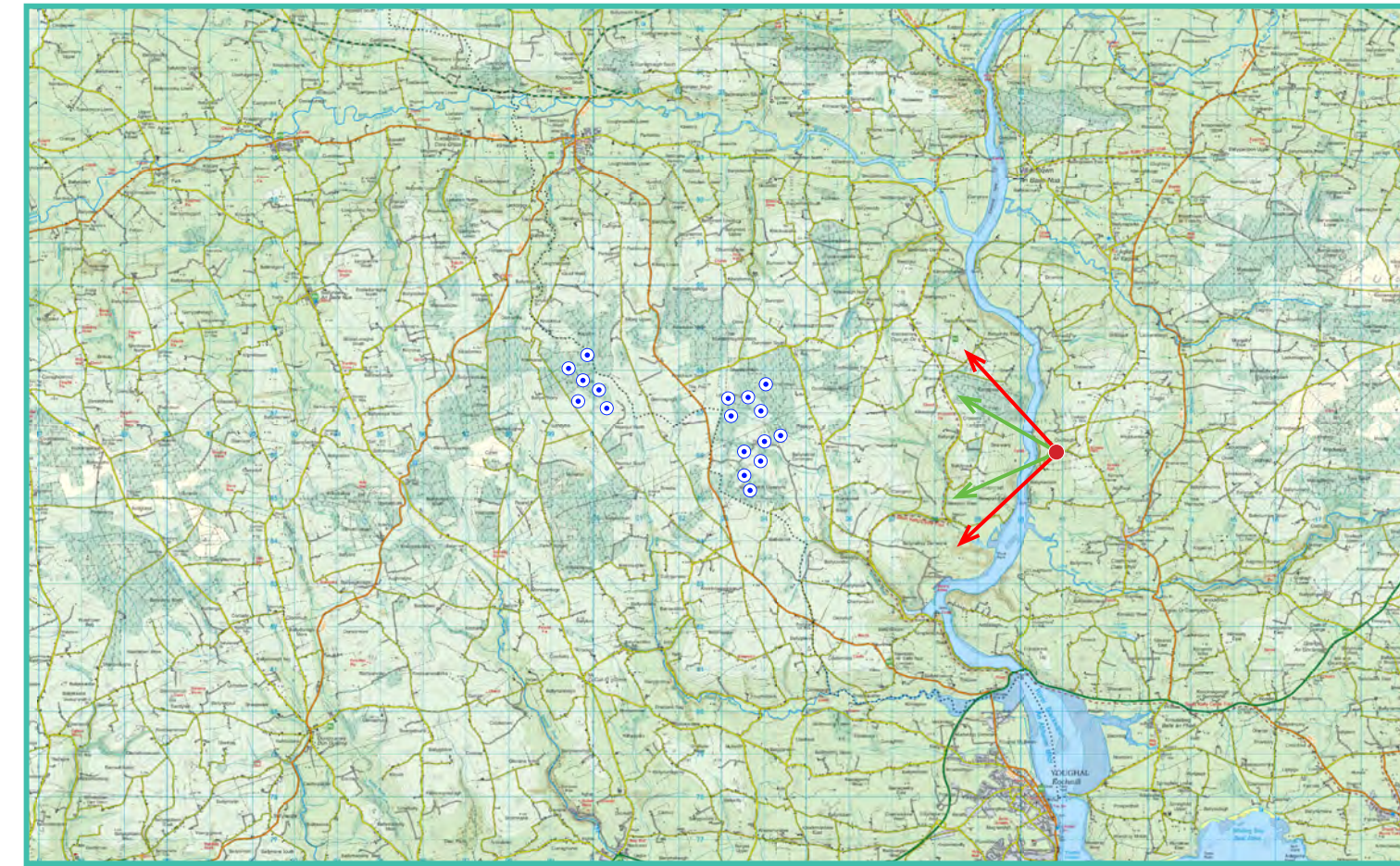
## Photomontage 21

**View Point:** View from a local road in the townland of Coolbagh, located further down the slopes of the Blackwater Valley than Viewpoint 34. This viewpoint is located approximately 6.5 km east of the nearest proposed turbine (T6).

View point grid reference	E 610,861 N 586,123
Date of image taken	17.06.2022
Time of image taken	08:05
View point elevation	72m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	272°
Horizontal extent of proposed turbines	21°
Distance to nearest proposed turbine	6.5km (T6)
Number of proposed turbines visible	10/17
Turbine Hub Height	93.5m
Turbine Tip Height	150m
Turbine Rotor Diameter	113m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

### Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

### Wireframe Legend

- Proposed Wind Farm
- Existing Wind Farms
- Proposed Met Mast

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90° View Extent

Key Image at 120°

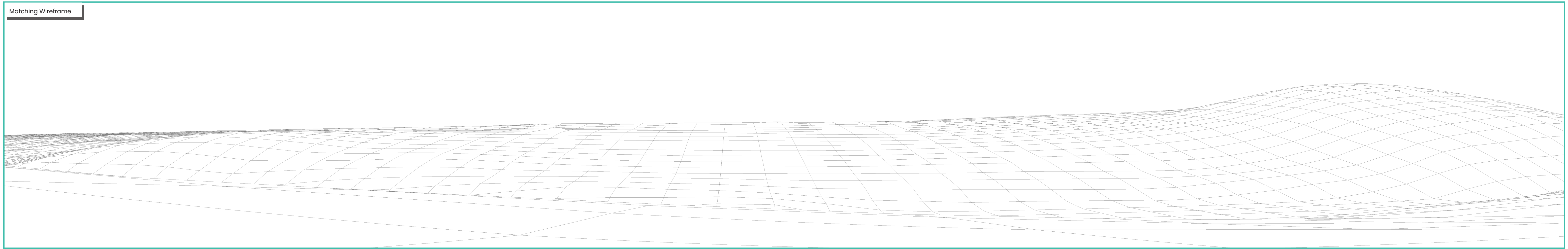


53.5° View Extent

Existing View at 90°



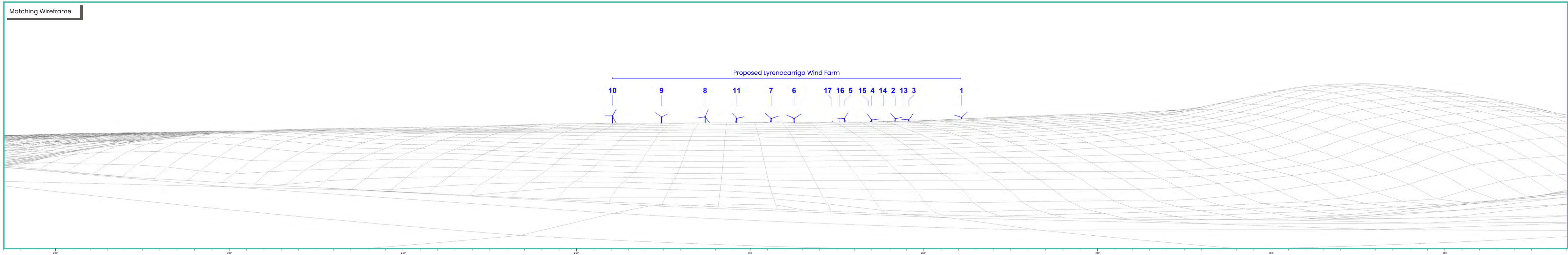
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



Proposed Lyrenacarriga Wind Farm

