



Ballivor Proposed Development

Environmental Impact Assessment Report
– Volume 2

Appendix 13-4 Photomontage Booklet

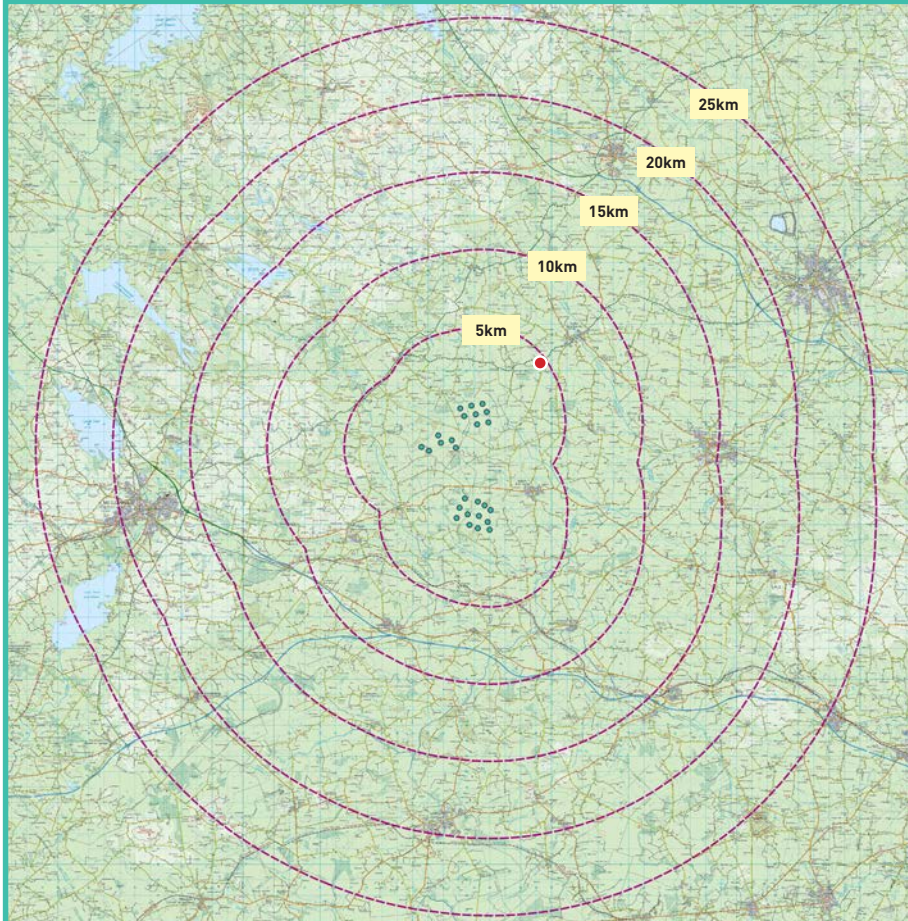
View Point 01

Chapelisland 01

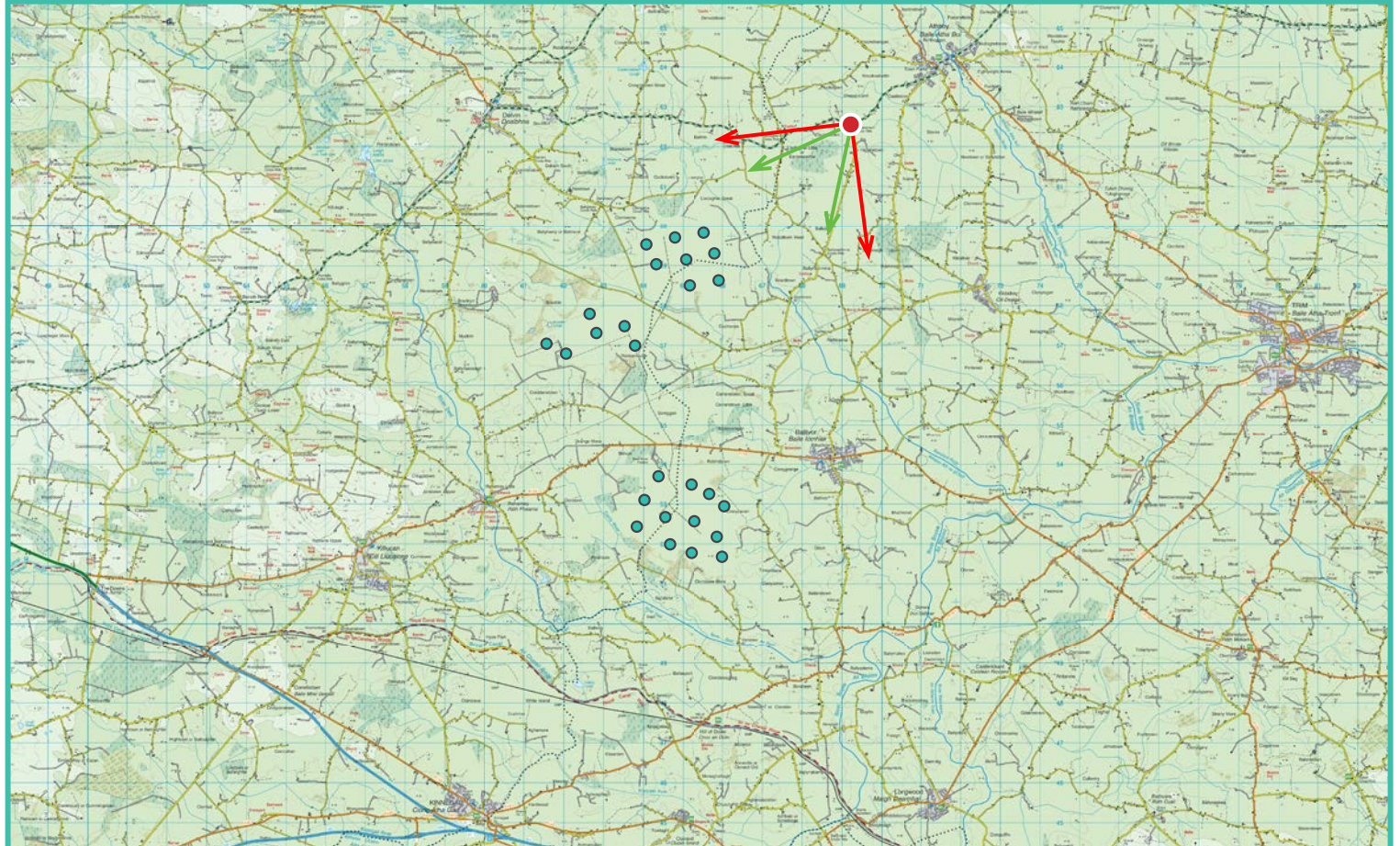
Photomontage 01

View from the N51 in the townland of Chapelisland, approximately 4.8 km north-east of the nearest turbine.

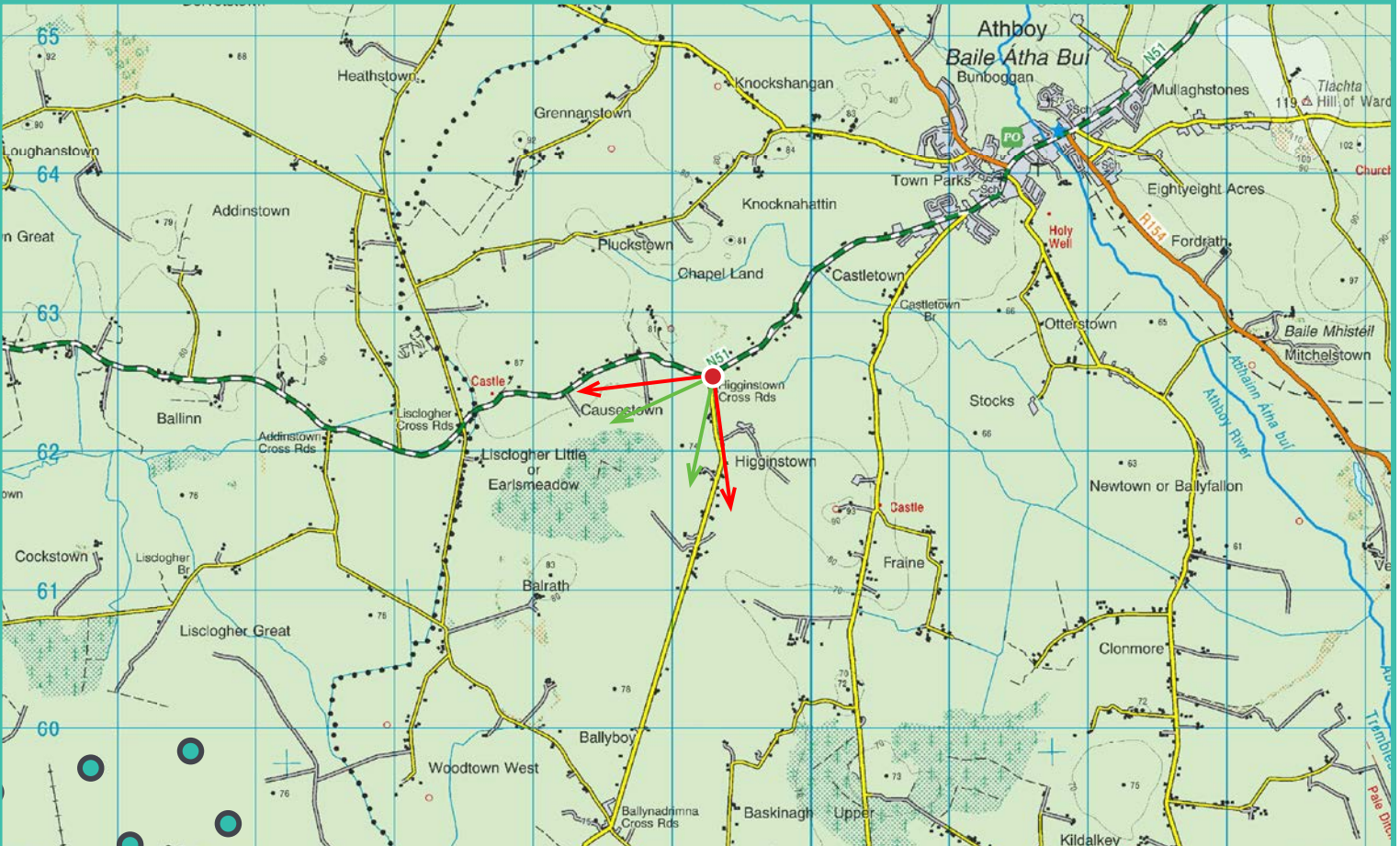
View point grid reference	E 669219 N 762576
Date of image taken	28/07/2020
Time of image taken	9:53am
View point elevation	76m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	218°
Horizontal extent of proposed turbines	42°
Distance to nearest proposed turbine	4.8km (T24)
Number of proposed turbines visible	12/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to wind farm site.



Detail of view point location.

90° View Extent

Map Legend

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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

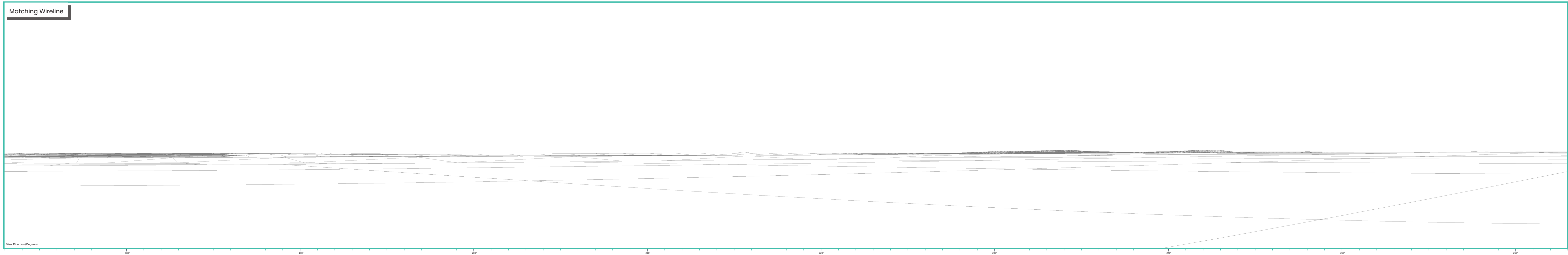
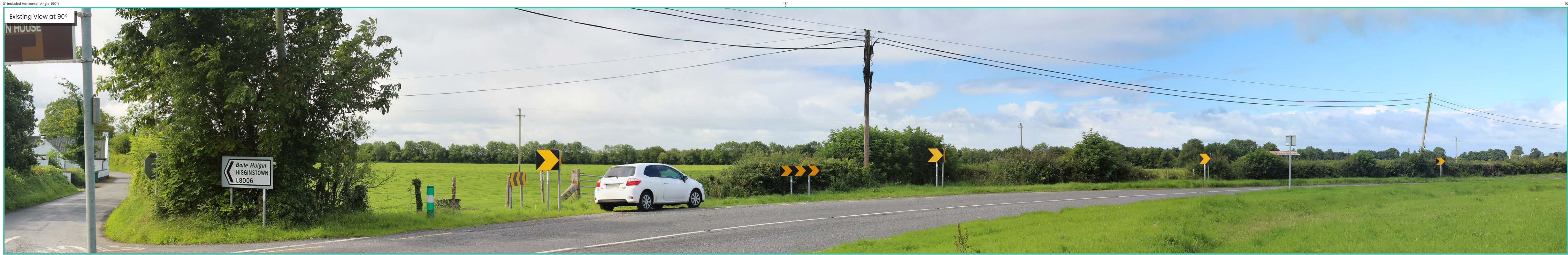
Prepared by

MKO
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 Tuam Road, Galway.
 Tel: (091) 73 56 11
 E-mail: info@mkofireland.ie
 Website: www.mkofireland.ie



Key Image at 120°

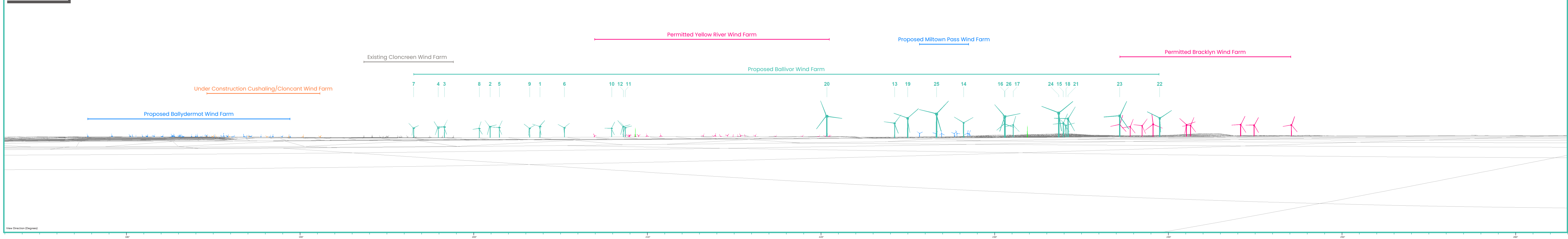
53.5° View Extent



Proposed Photomontage with Cumulative at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

200°

210°

220°

230°

240°

Existing Cloncreen Wind Farm

Permitted Yellow River Wind Farm

Proposed Miltown Pass Wind Farm

Permitted Bracklyn Wind Farm

Proposed Met Mast (115m)

Proposed Ballivor Wind Farm

Proposed Met Mast (115m)

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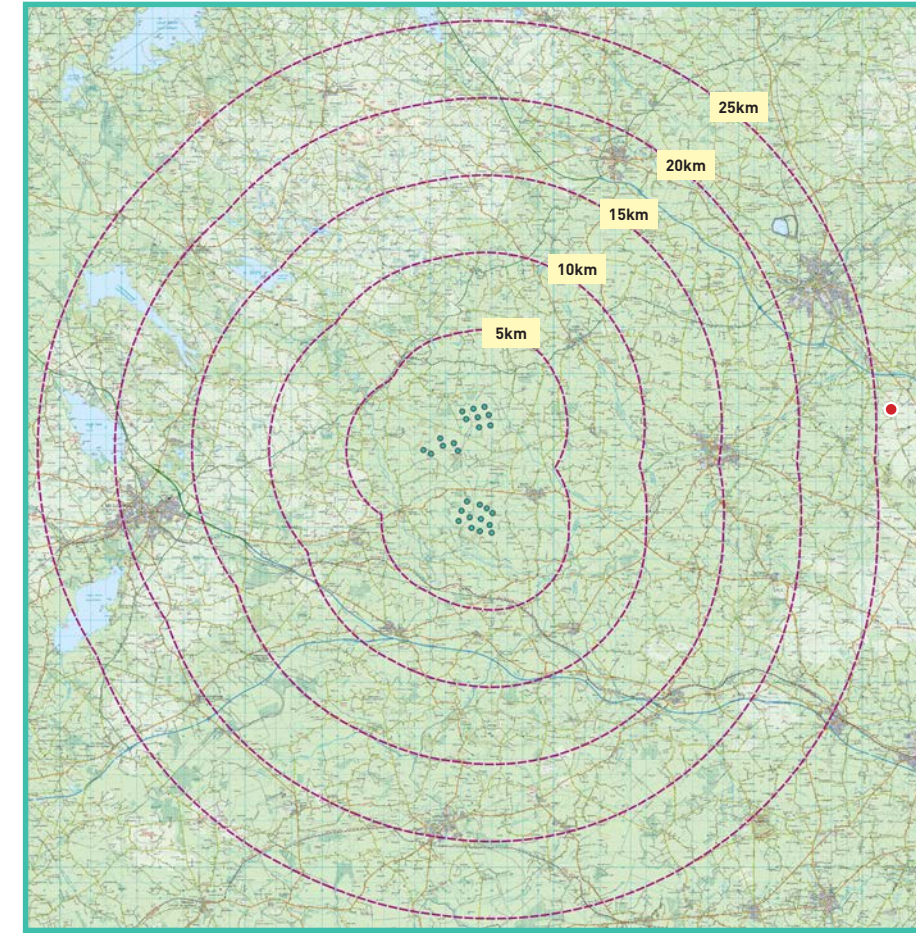
View Point 02

Castleboy

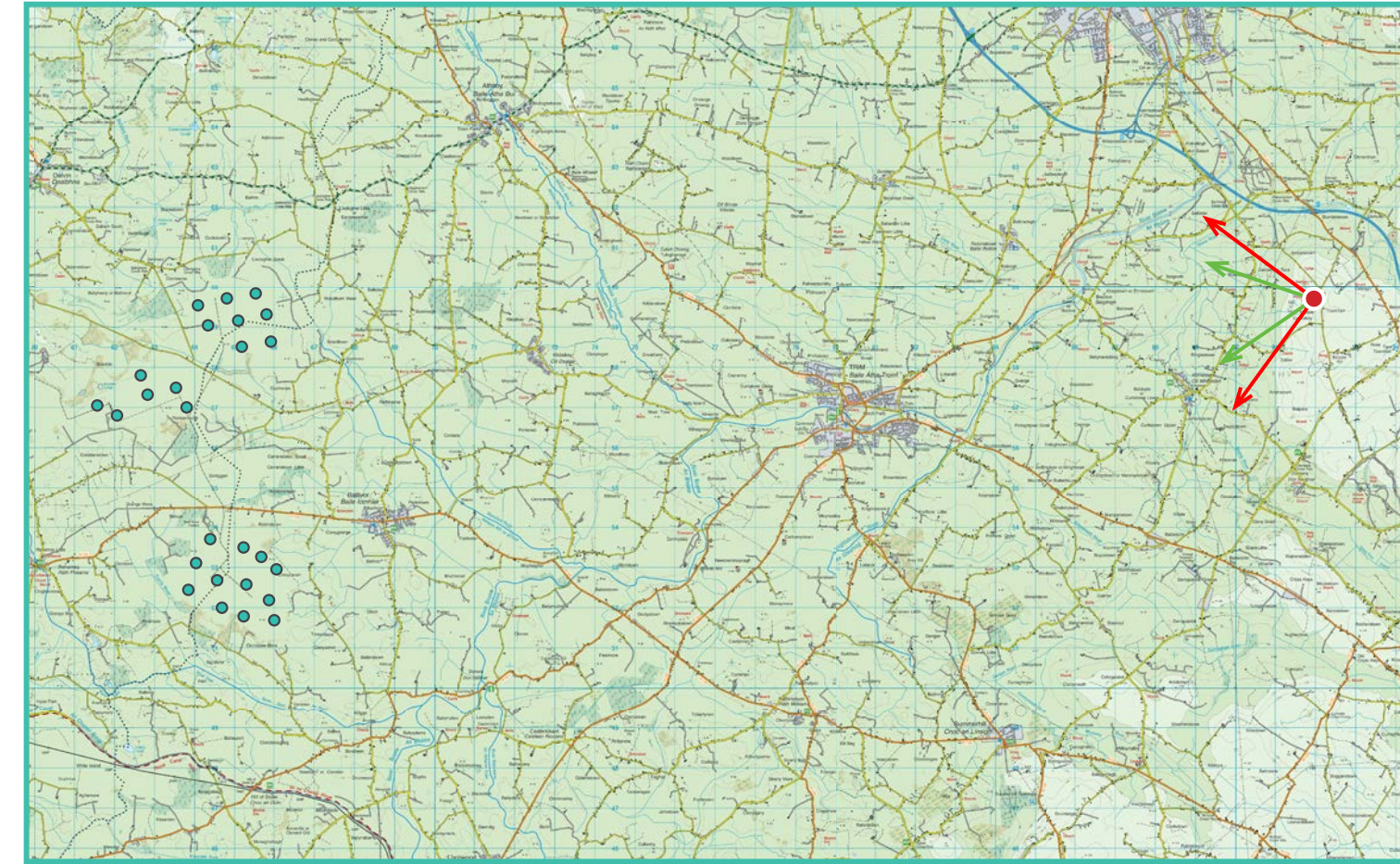
Photomontage 02

View from the Hill of Tara, designated as County Meath Scenic View V43 and V44, in townland of Castleboy (E.D. Tara), approximately 26.1km east from the nearest turbine.

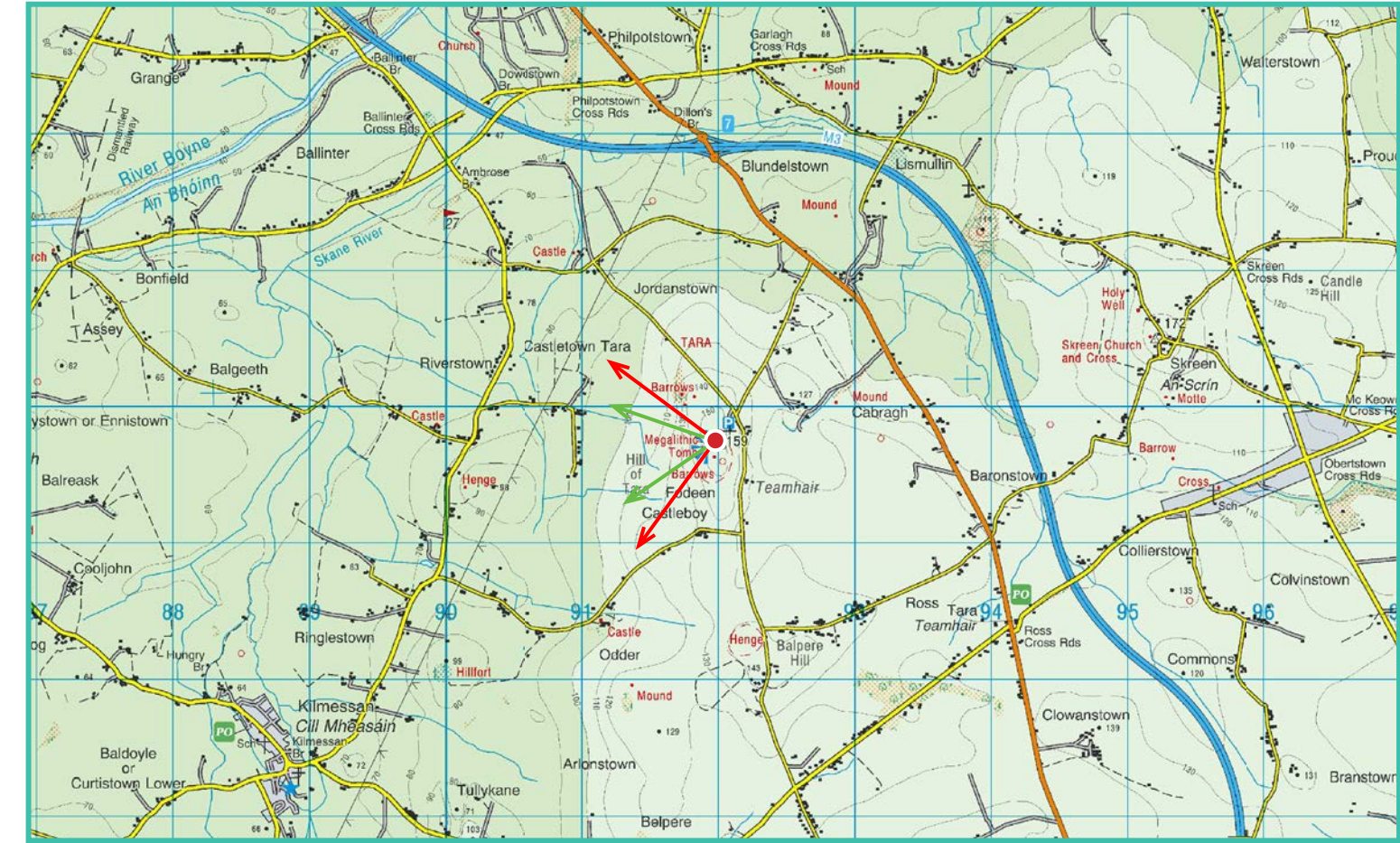
View point grid reference	E 691935 N 759747
Date of image taken	14/10/2020
Time of image taken	11:09am
View point elevation	151m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	261°
Horizontal extent of proposed turbines	18°
Distance to nearest proposed turbine	26.1km (T20)
Number of proposed turbines visible	26/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

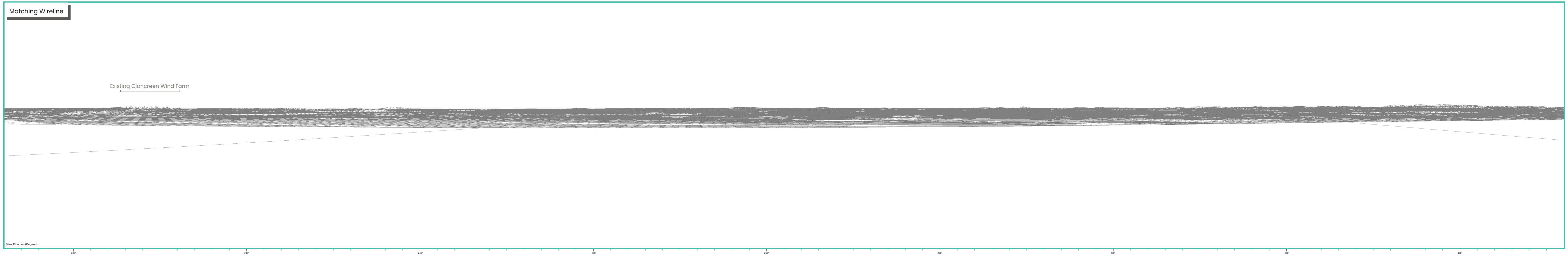


53.5° View Extent

Existing View at 90°



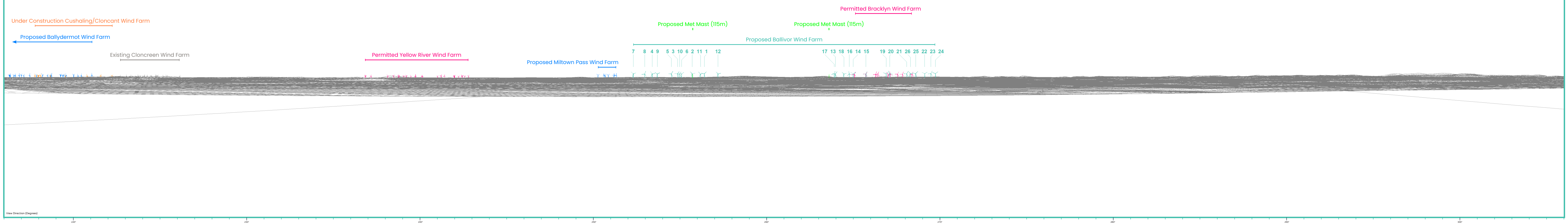
Matching Wireline



Proposed Photomontage with Cumulative at 90°

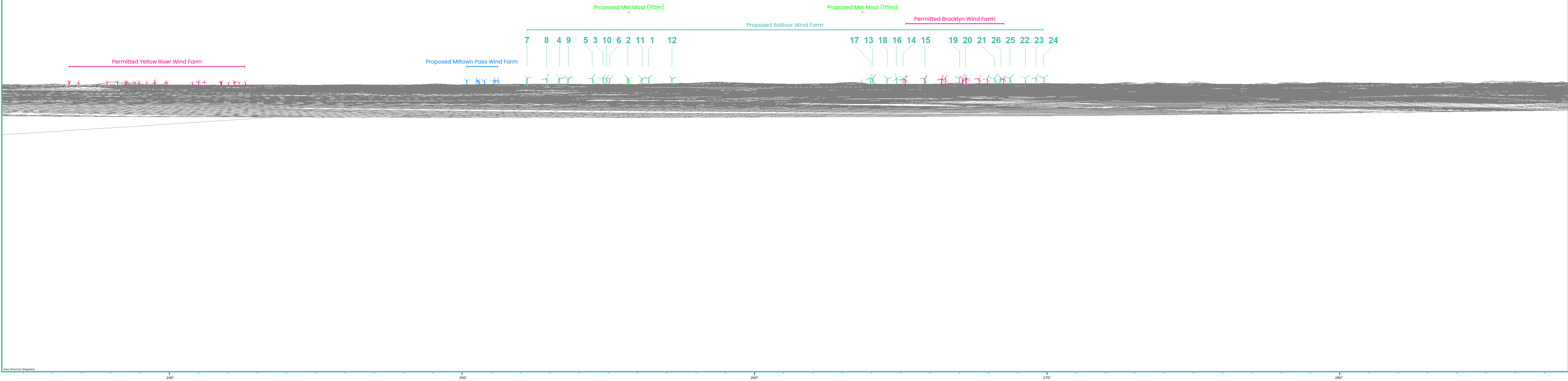


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





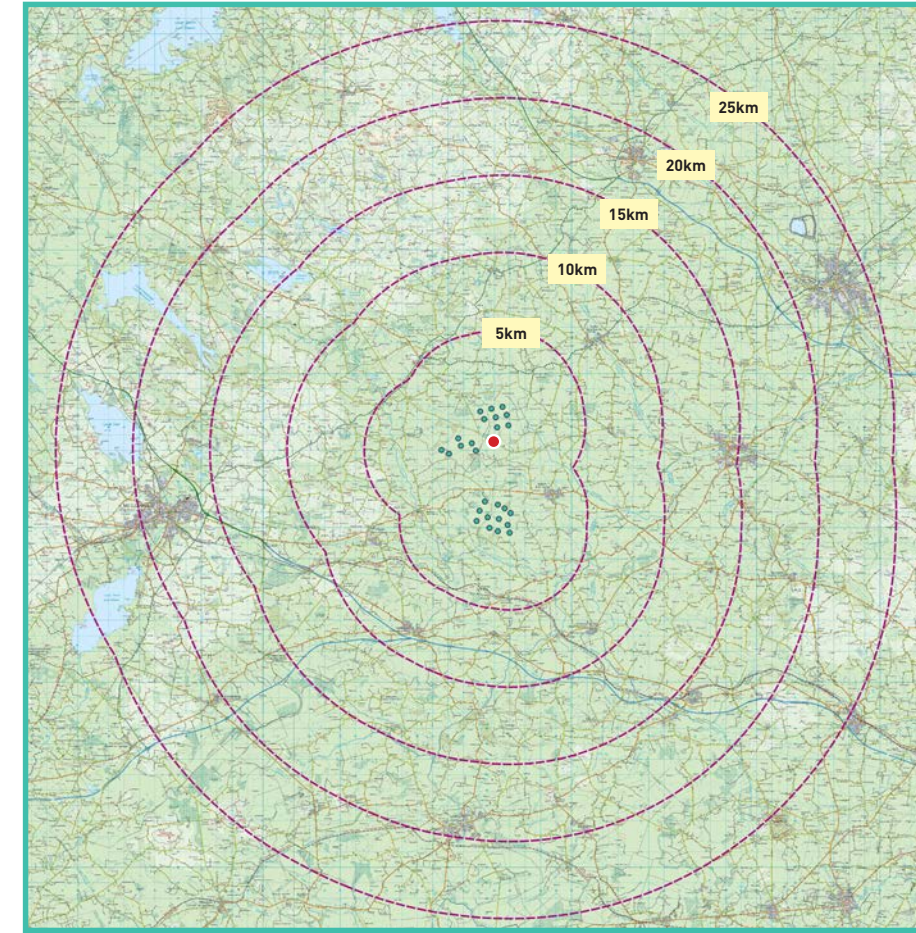
View Point 03A

Coolronan

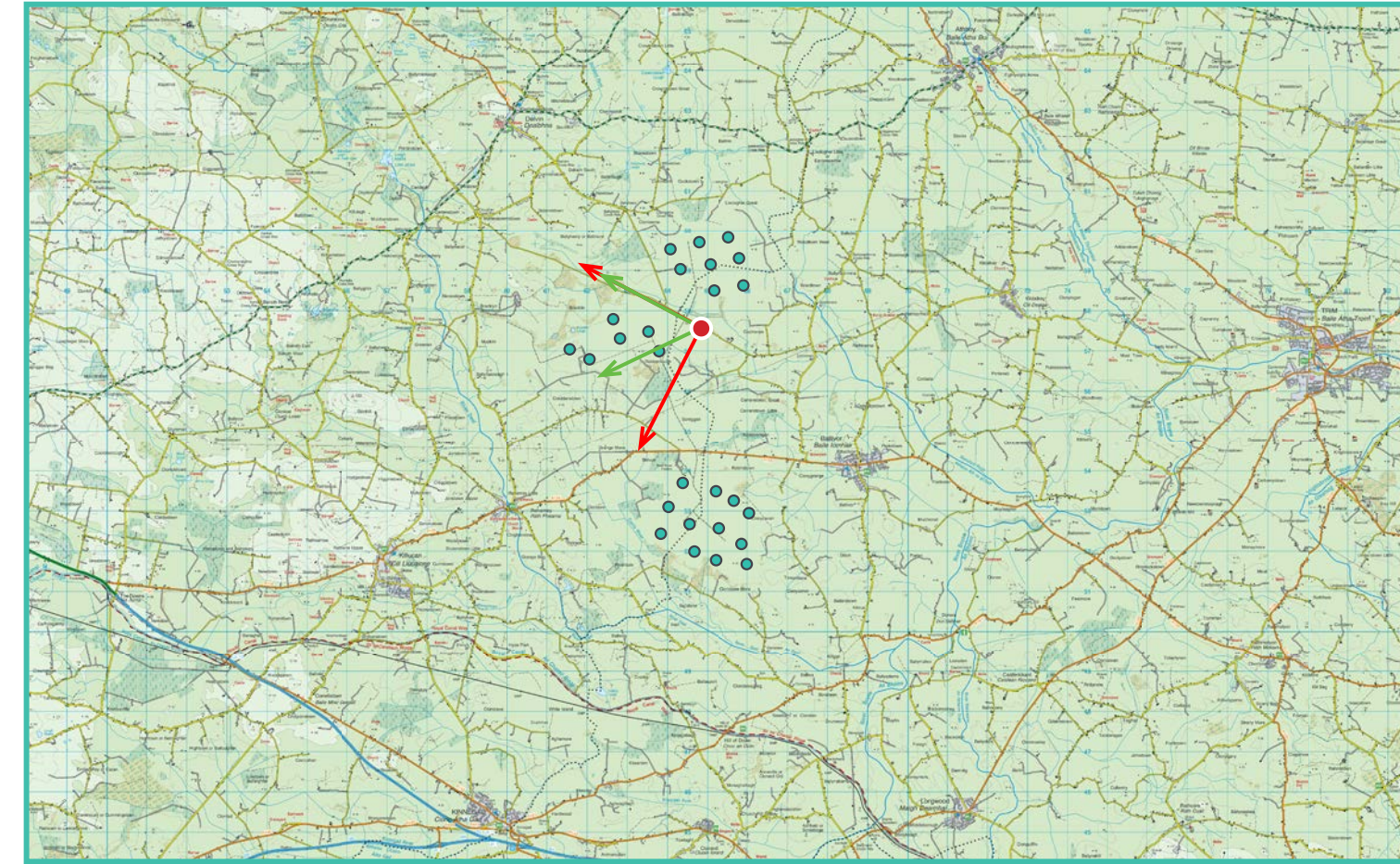
Photomontage 03 A

View from a local road in the townland of Coolronan, approximately 971m south of the nearest turbine.

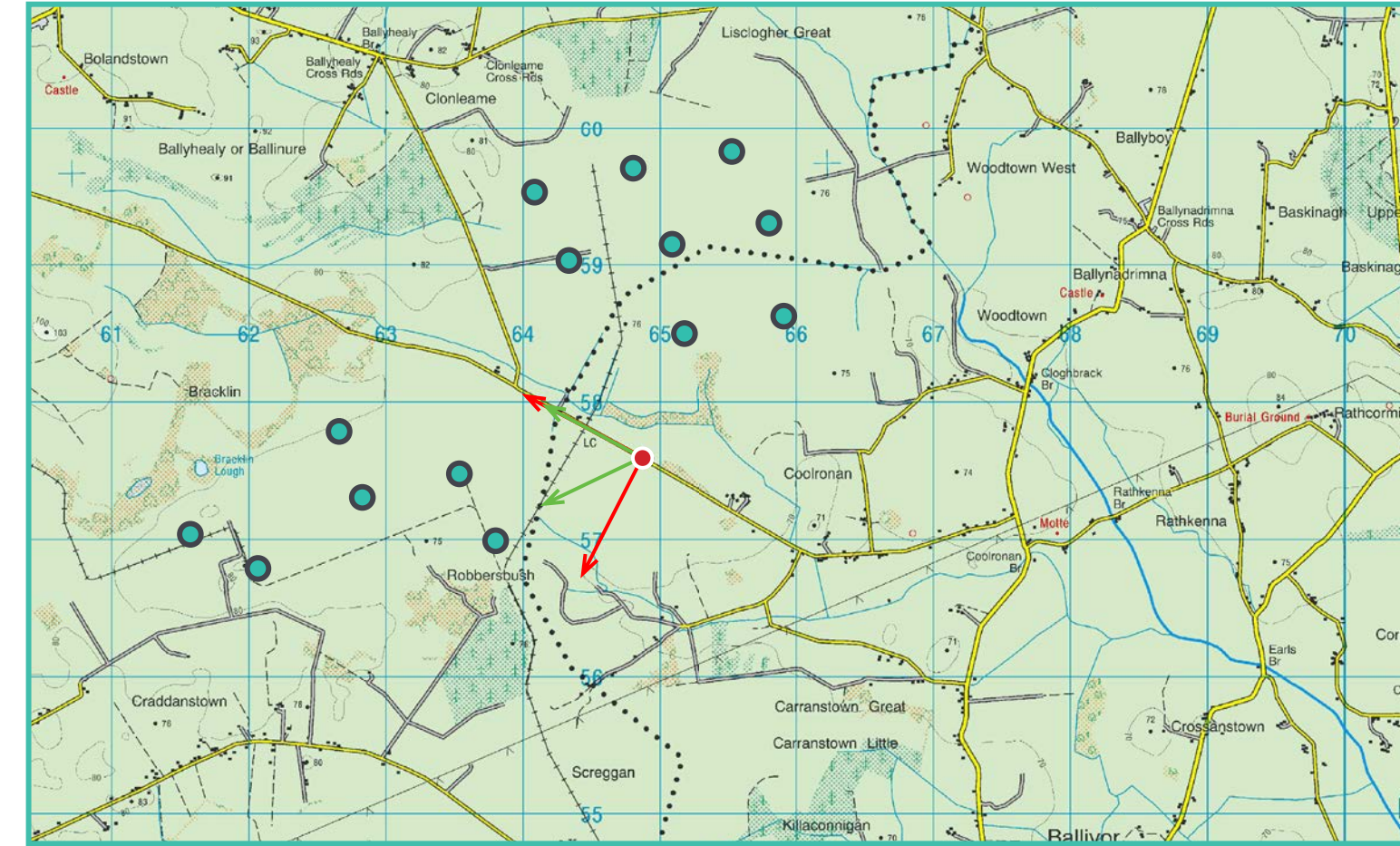
View point grid reference	E 664841 N 757587
Date of image taken	06/08/2020
Time of image taken	10:27am
View point elevation	73m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	253° / 272°
Horizontal extent of proposed turbines	123°
Distance to nearest proposed turbine	971m (T19)
Number of proposed turbines visible	4/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
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90° View Extent

Key Image at 120°

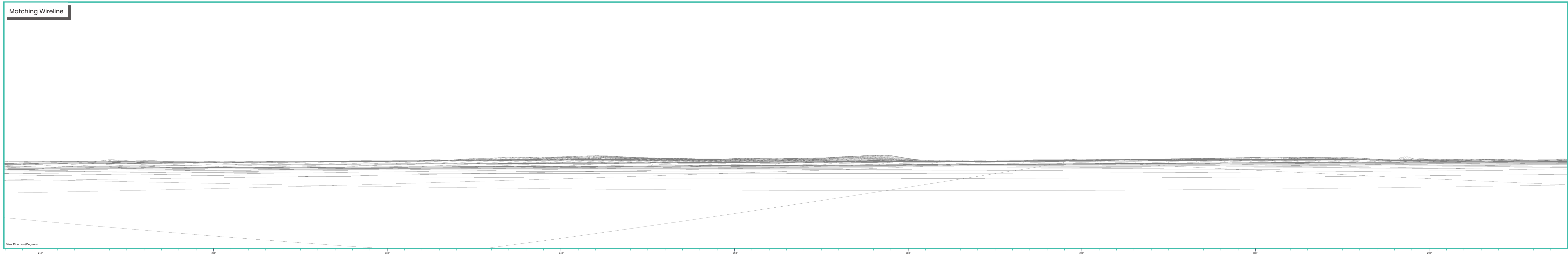


53.5° View Extent

Existing View at 90°



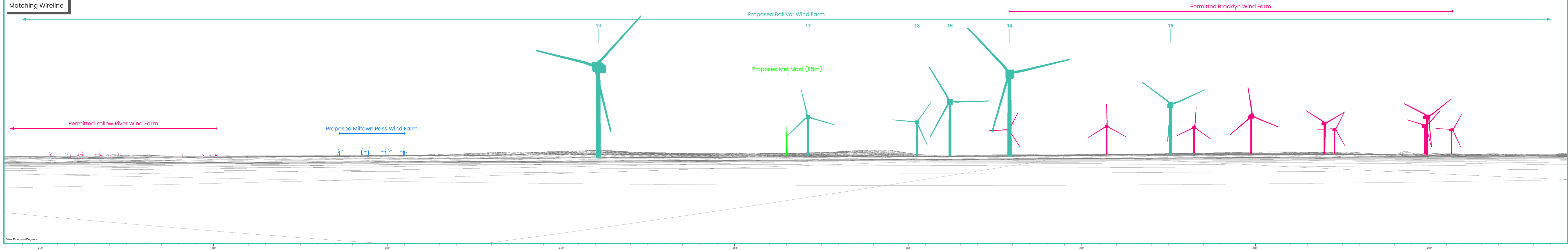
Matching Wireline



Proposed Photomontage with Cumulative at 90°

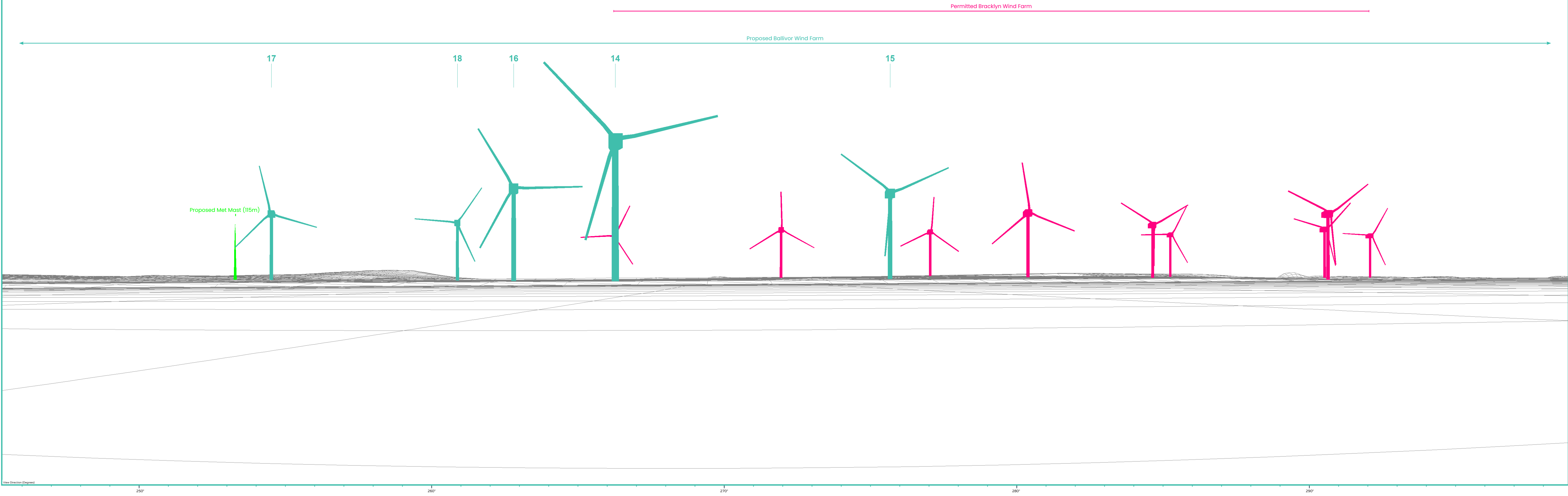


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





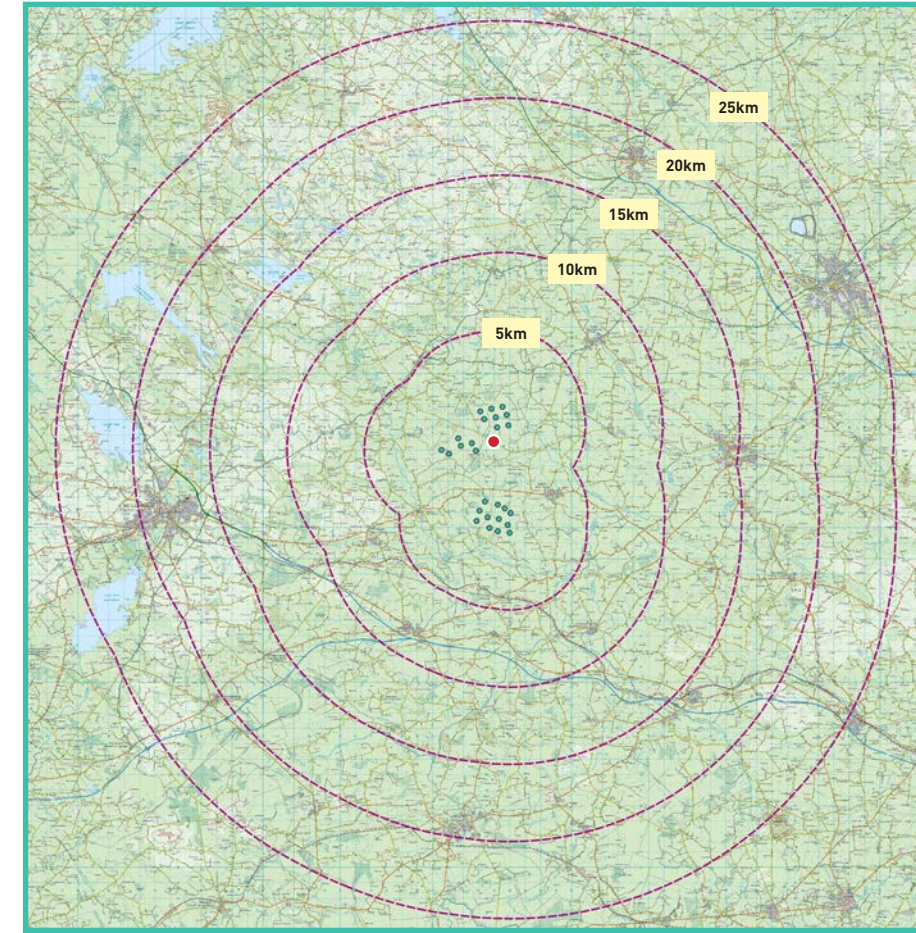
View Point 03B

Coolronan

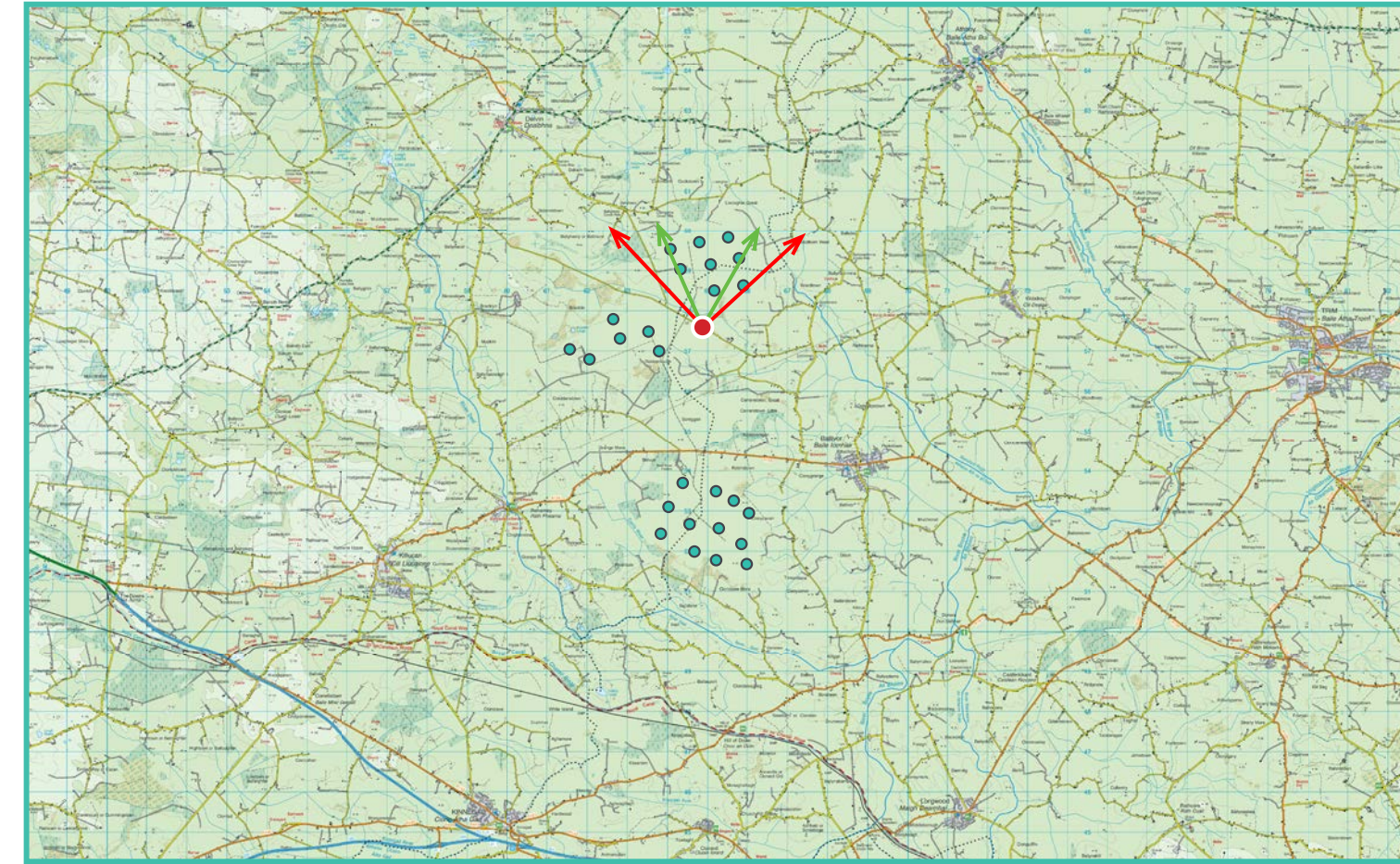
Photomontage 03 B

View from a local road in the townland of Coolronan, approximately 971m south of the nearest turbine.

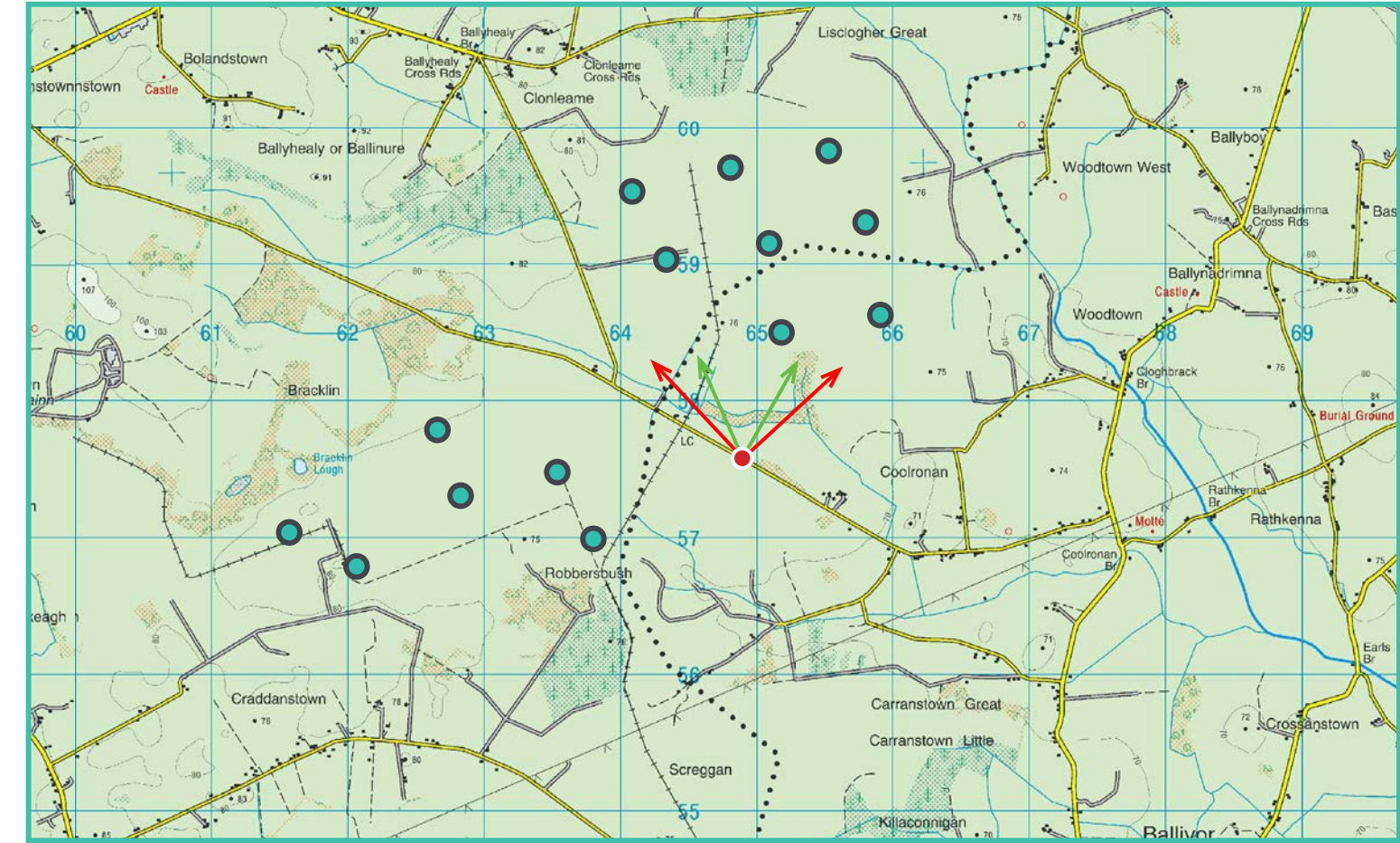
View point grid reference	E 664841 N 757587
Date of image taken	06/08/2020
Time of image taken	10:27am
View point elevation	73m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	2°
Horizontal extent of proposed turbines	123°
Distance to nearest proposed turbine	971m (T19)
Number of proposed turbines visible	7/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

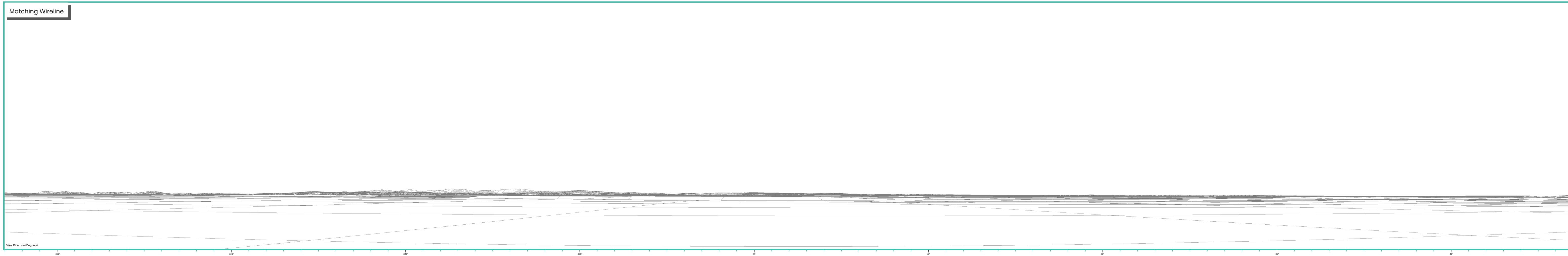


53.5° View Extent

Existing View at 90°



Matching Wireline

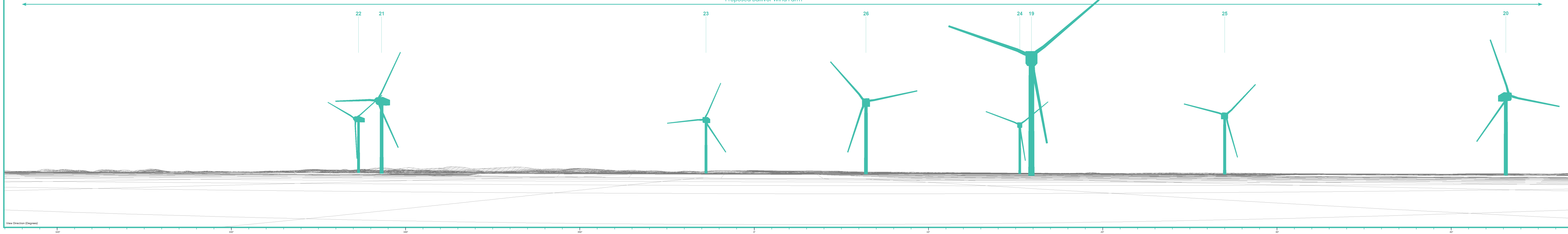


Proposed Photomontage with Cumulative at 90°



Matching Wireline

Proposed Ballivor Wind Farm

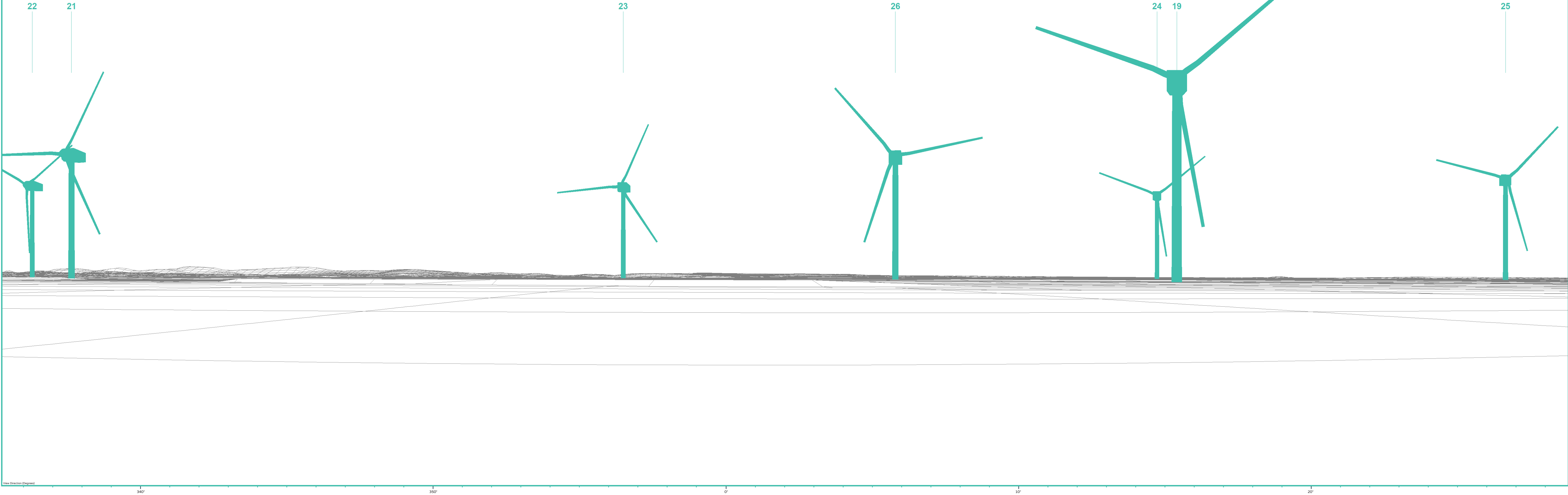


Proposed Photomontage with Cumulative at 53.5°



Matching Wireline

Proposed Ballivor Wind Farm



View Direction (Degrees)

340°

350°

0°

10°

20°

18.2

9.1

0° Included Vertical Angle (18.2°)

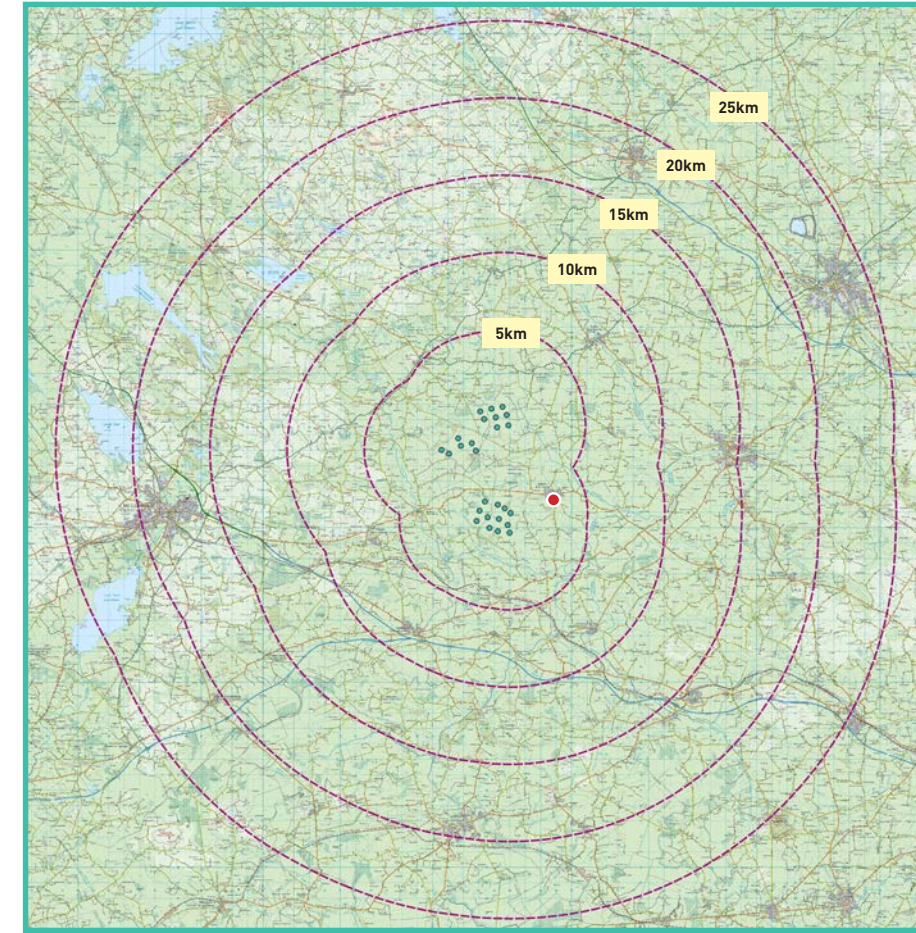
View Point 04

Ballivor

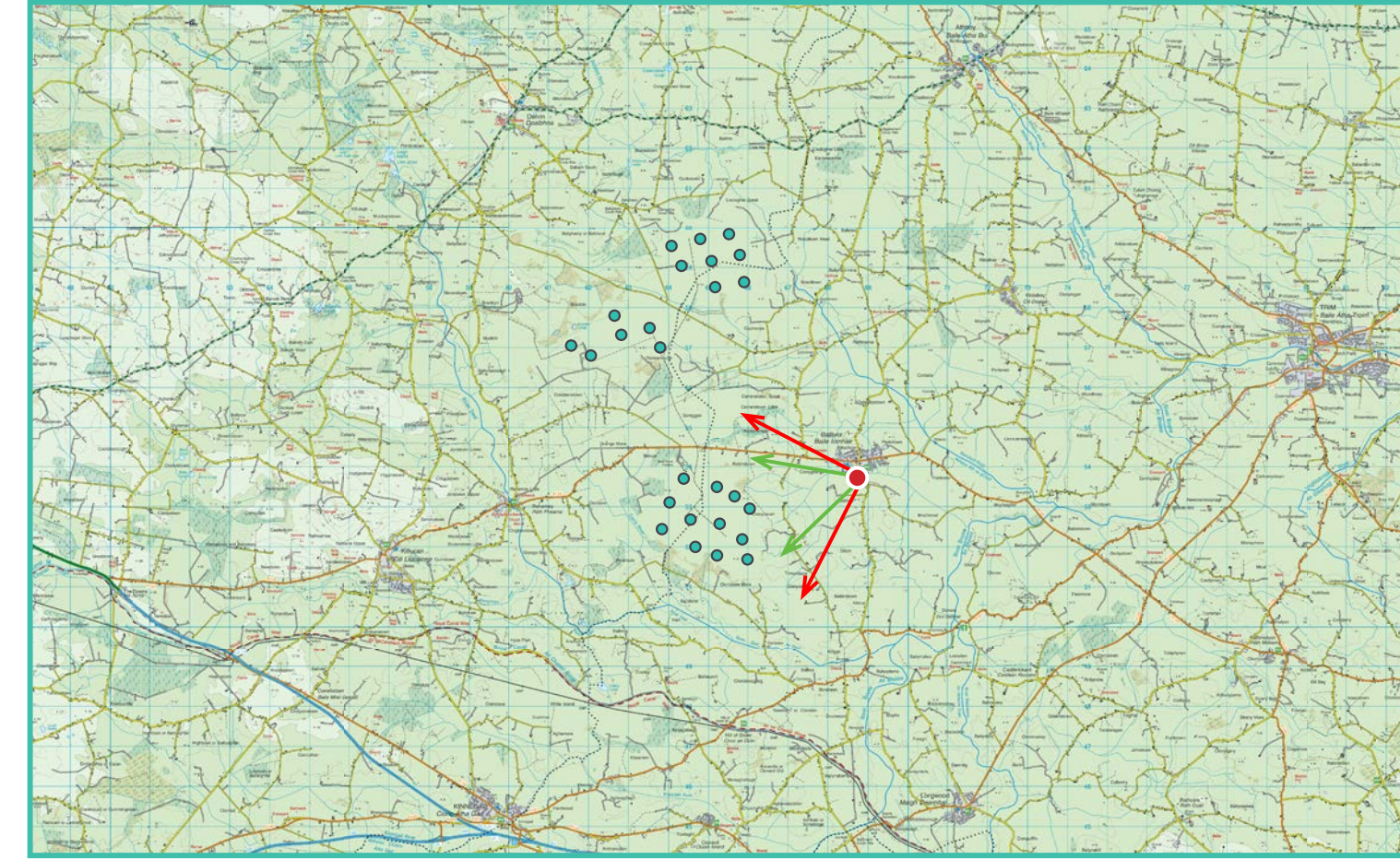
Photomontage 04

View from The Green residential road off the L-4016 in the townland of Ballivor, on the outskirts of Ballivor Village, approximately 2.8 km east of the nearest turbine.

View point grid reference	E 668696 N 753694
Date of image taken	14/10/2020
Time of image taken	1:53pm
View point elevation	67m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	252°
Horizontal extent of proposed turbines	99°
Distance to nearest proposed turbine	2.8km (T3)
Number of proposed turbines visible	7/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

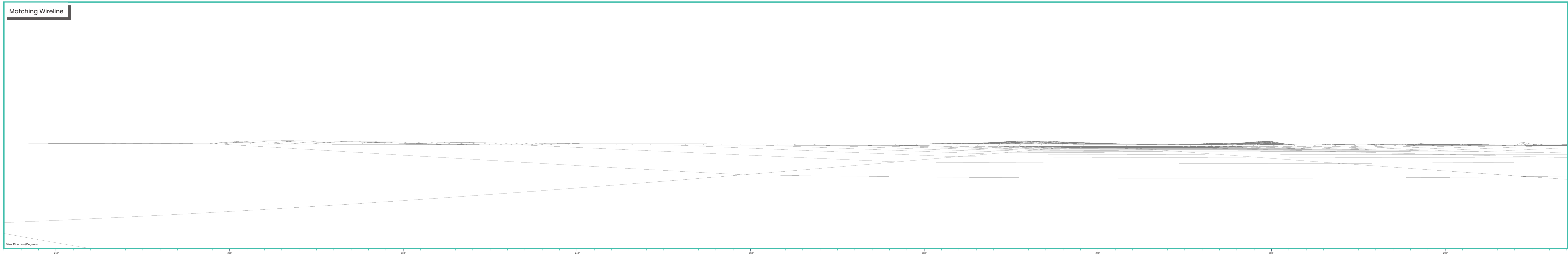


53.5° View Extent

Existing View at 90°



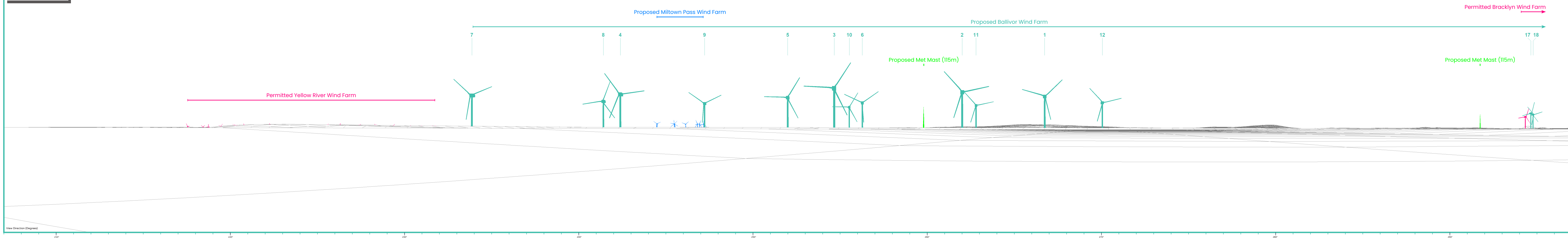
Matching Wireline



Proposed Photomontage with Cumulative at 90°

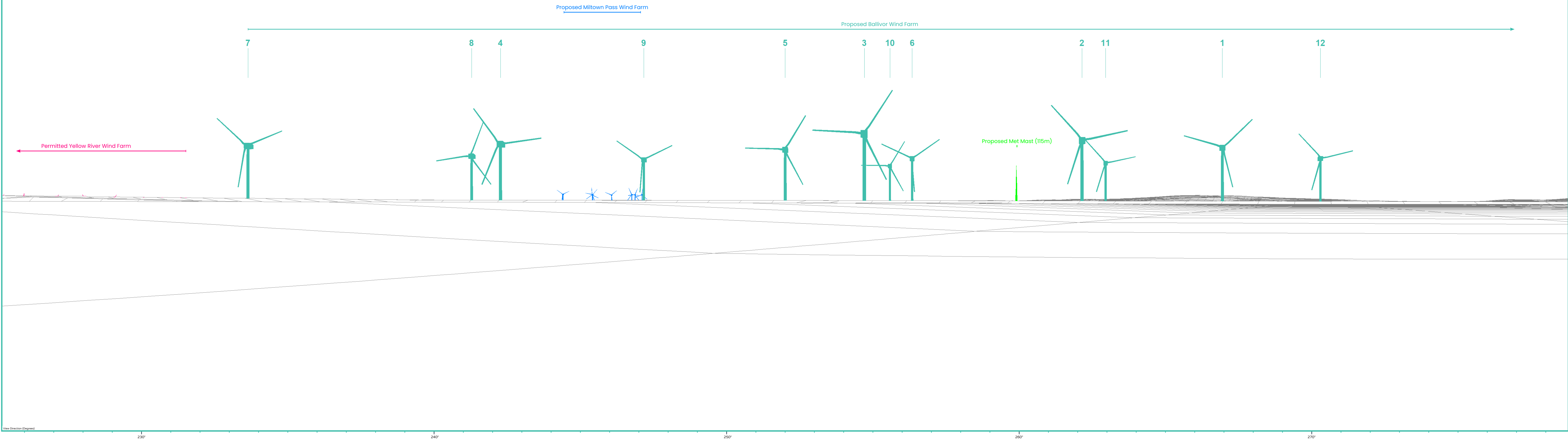


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





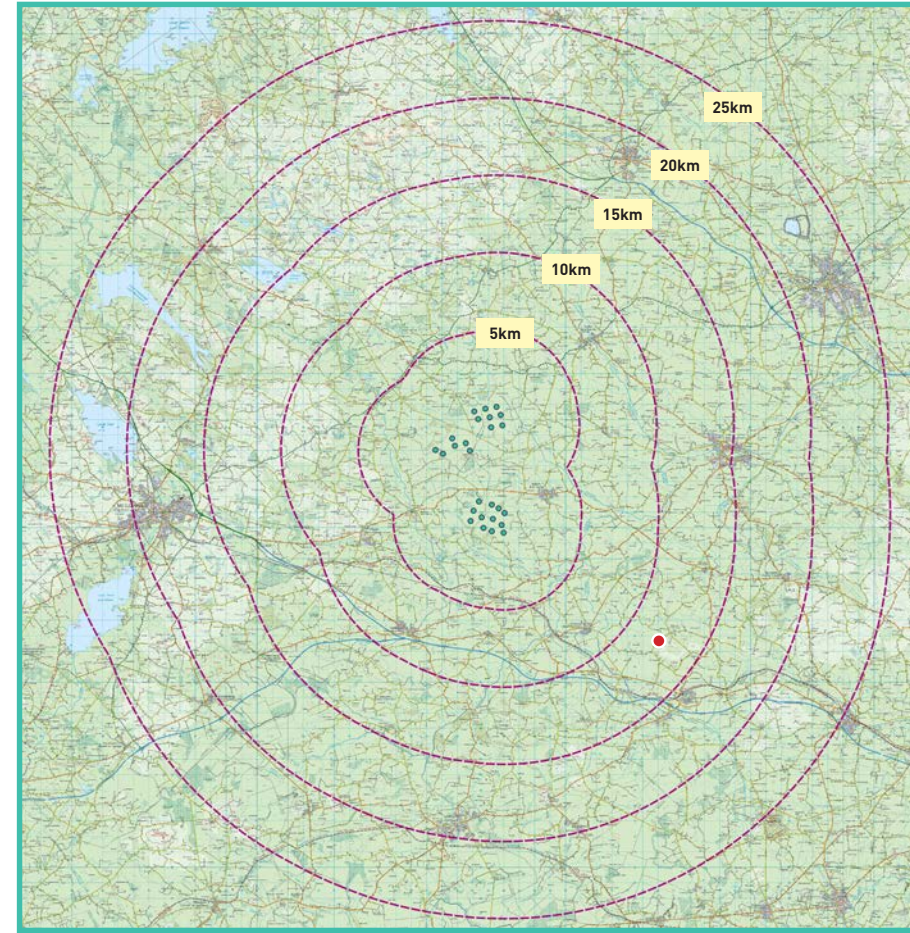
View Point 05

Rathcore

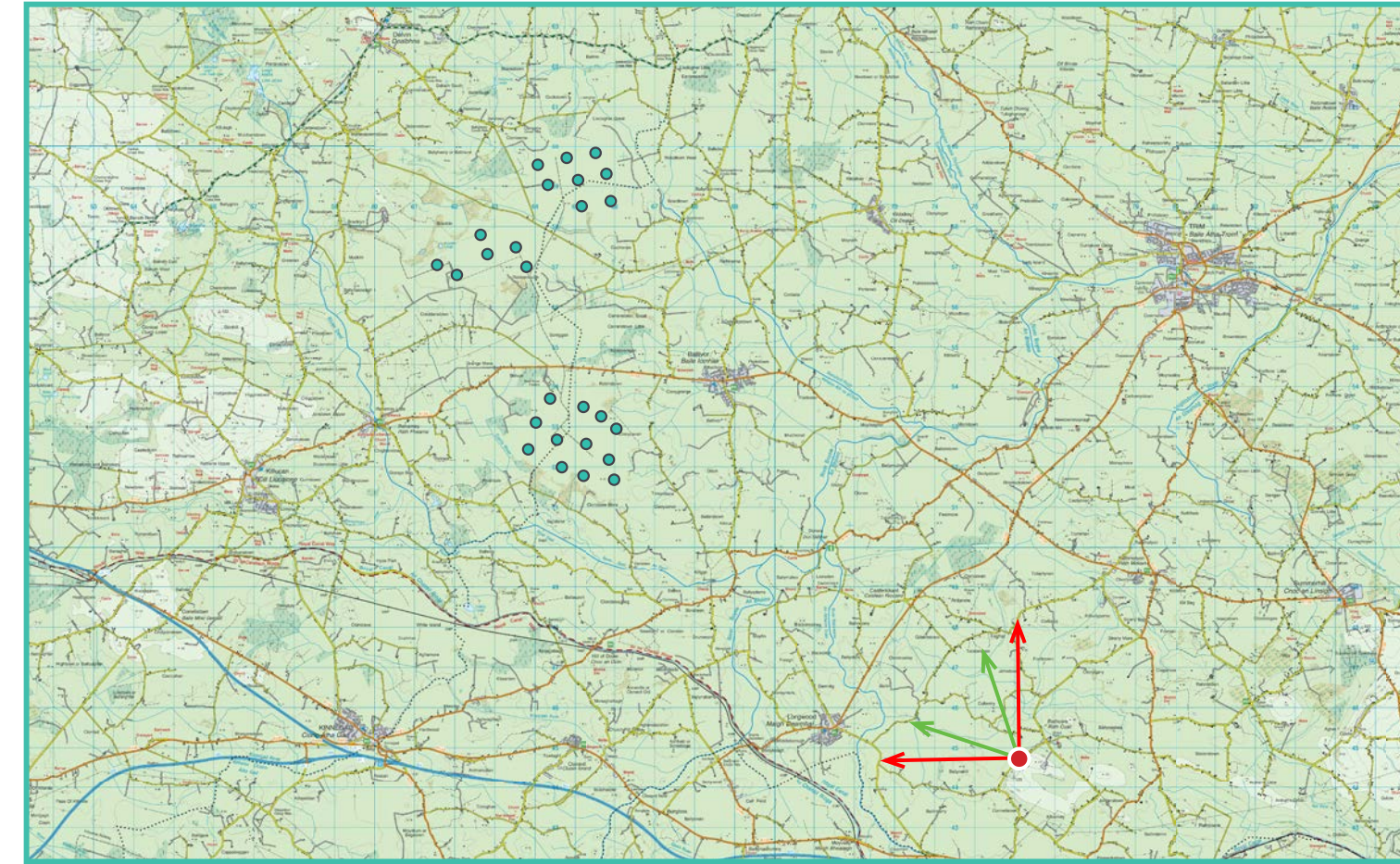
Photomontage 05

View from a local road west of the R159 in the townland of Rathcore, designated as County Meath Scenic View V57, approximately 12.2 km south-east of the nearest turbine.

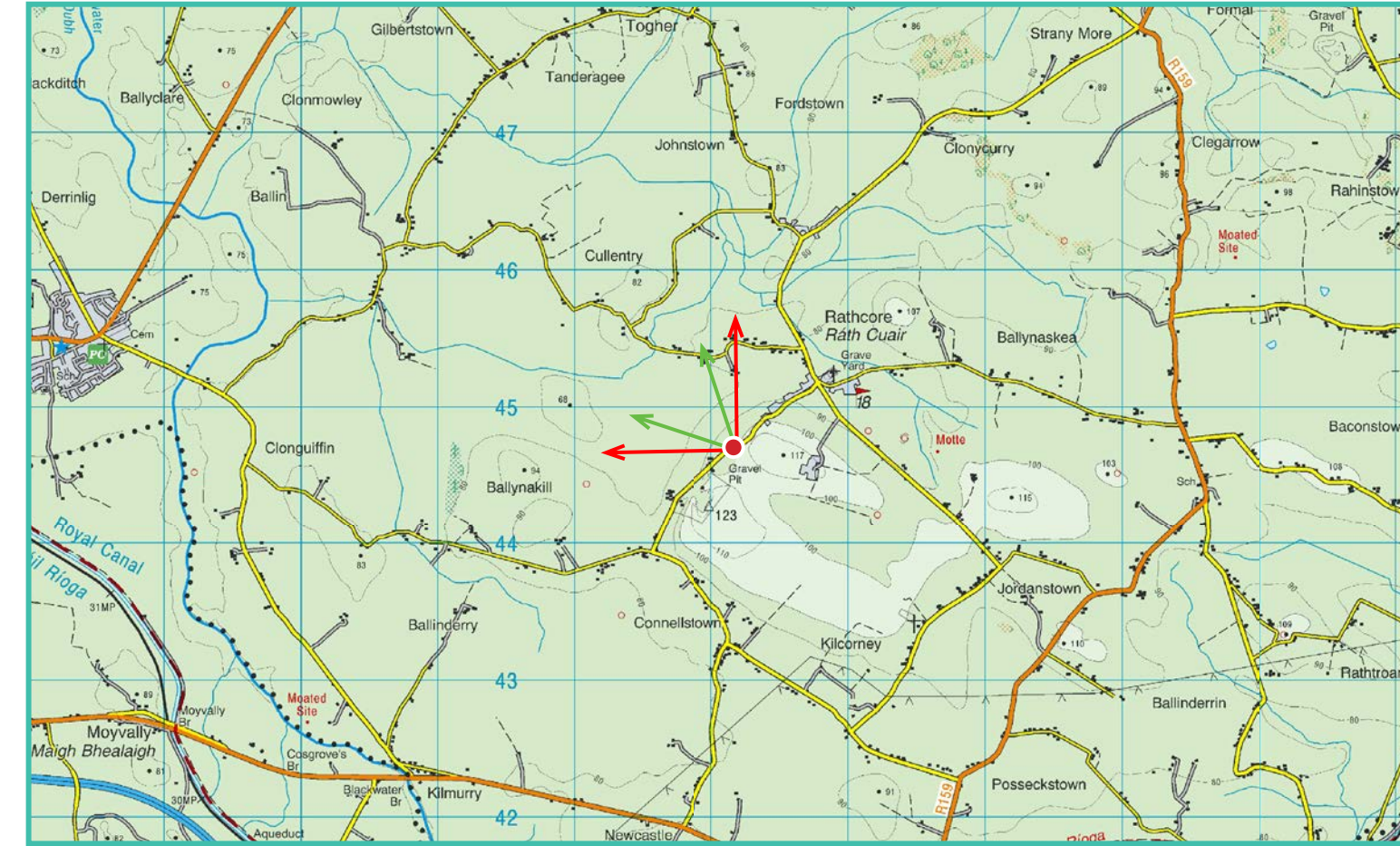
View point grid reference	E 676046 N 744706
Date of image taken	14/10/2020
Time of image taken	1:41pm
View point elevation	95m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	314°
Horizontal extent of proposed turbines	23°
Distance to nearest proposed turbine	12.2km (T7)
Number of proposed turbines visible	26/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

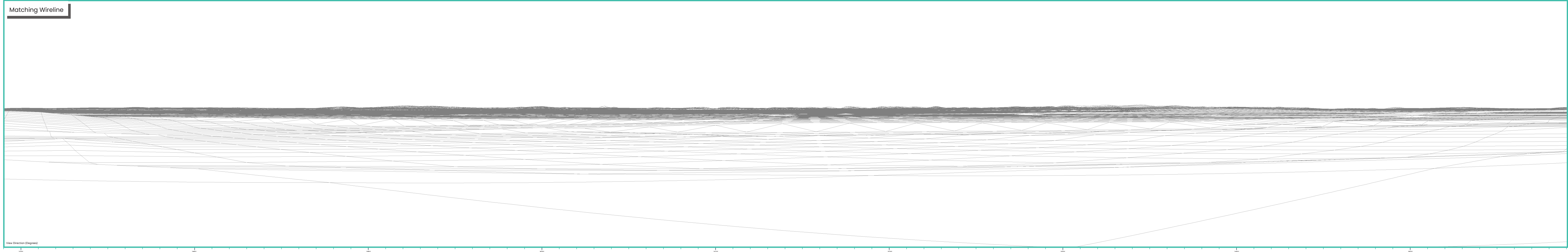


53.5° View Extent

Existing View at 90°



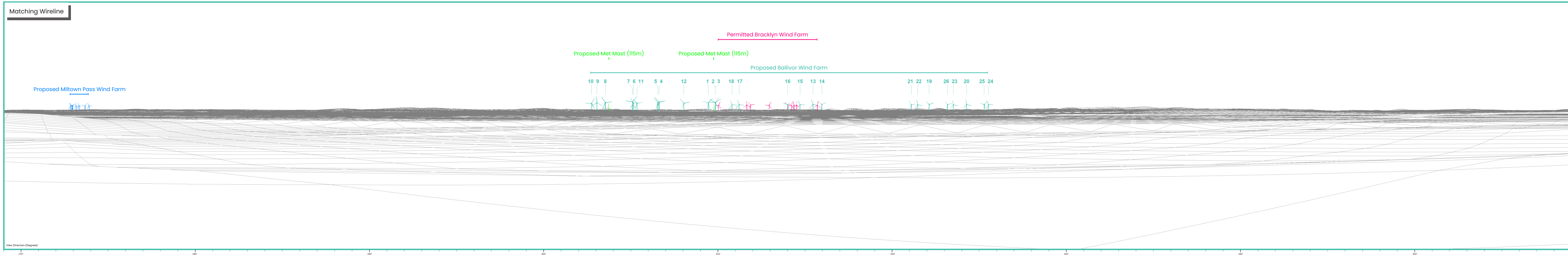
Matching Wireline



Proposed Photomontage with Cumulative at 90°

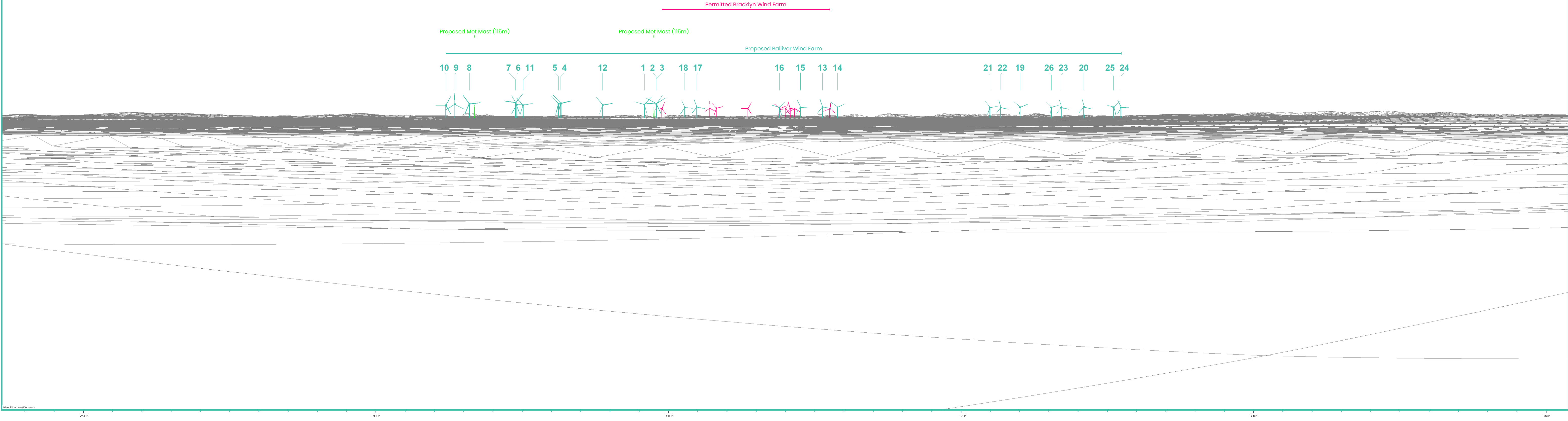


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





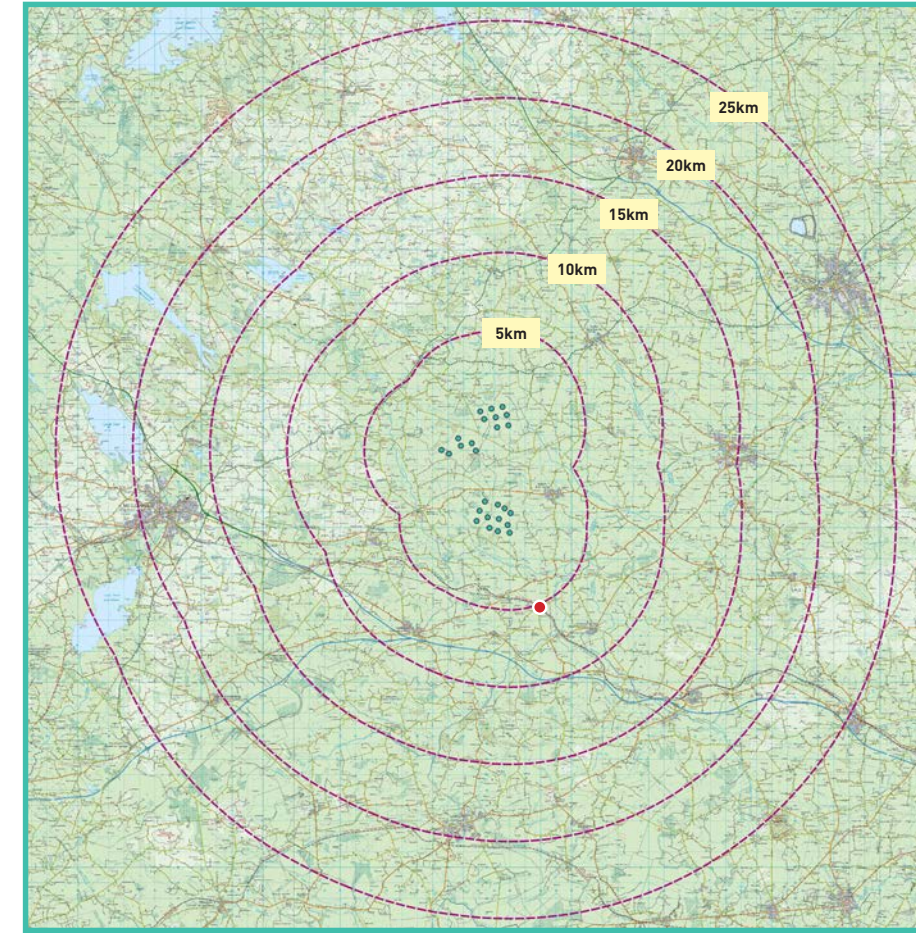
View Point 06

Blackshade

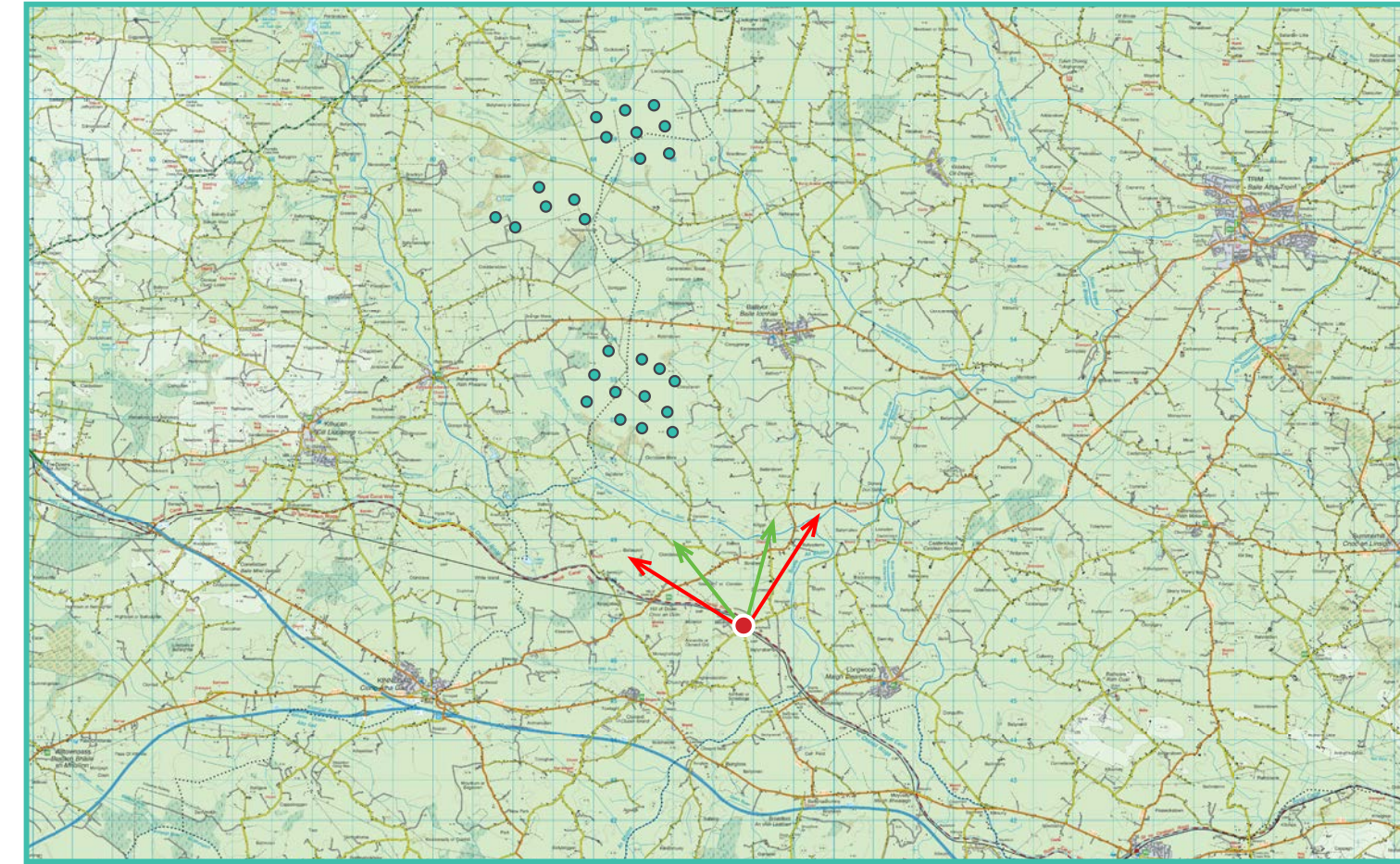
Photomontage 06

View from the L-8030 local road in the townland of Blackshade, designated as County Meath Scenic View V83, approximately 5.1 km south-east of the nearest turbine.

View point grid reference	E 667801 N 746874
Date of image taken	28/07/2020
Time of image taken	9:59am
View point elevation	72m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	337°
Horizontal extent of proposed turbines	22°
Distance to nearest proposed turbine	5.1km (17)
Number of proposed turbines visible	6/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517

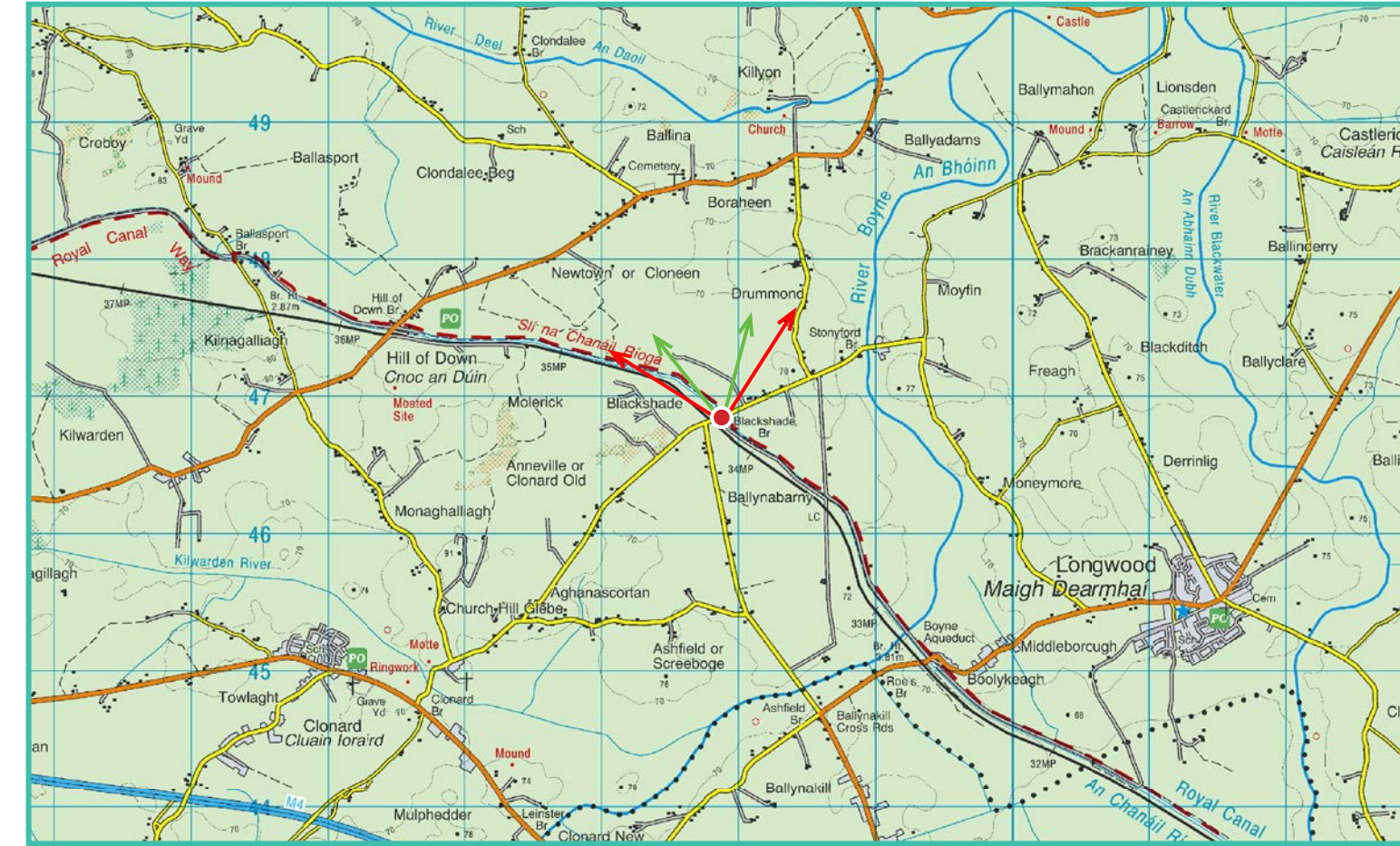


View point relative to 25km radius.



View point relative to wind farm site.

90° View Extent



Detail of view point location.

Map Legend

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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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Key Image at 120°

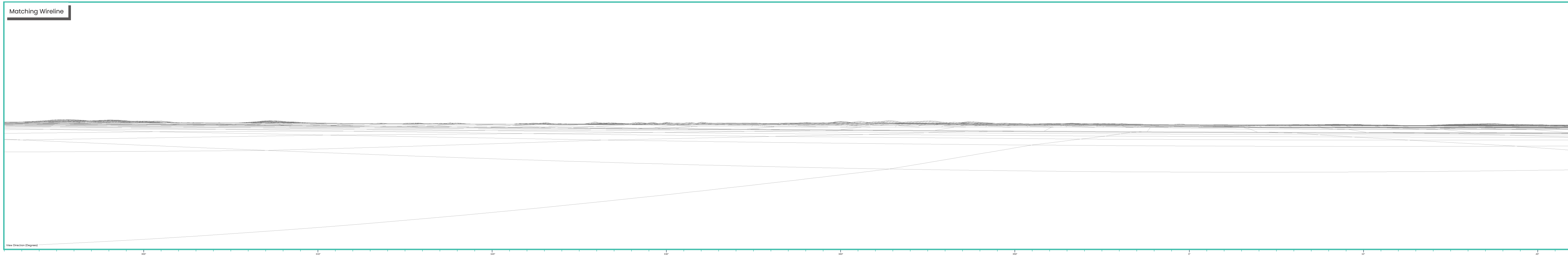


53.5° View Extent

Existing View at 90°



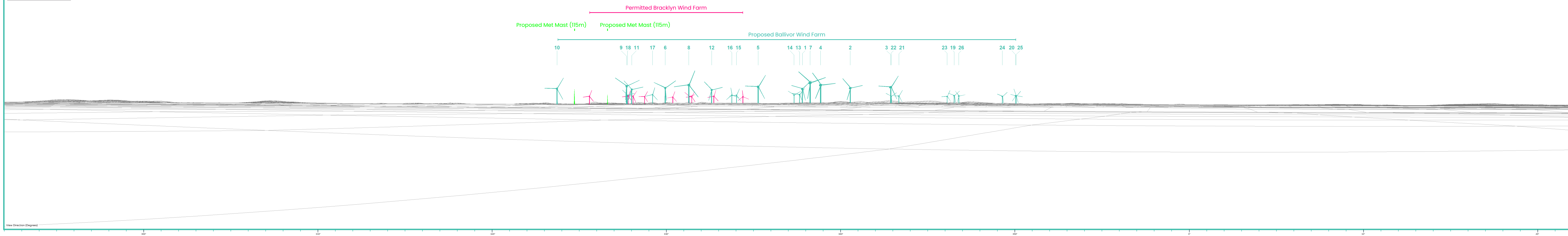
Matching Wireline



Proposed Photomontage with Cumulative at 90°

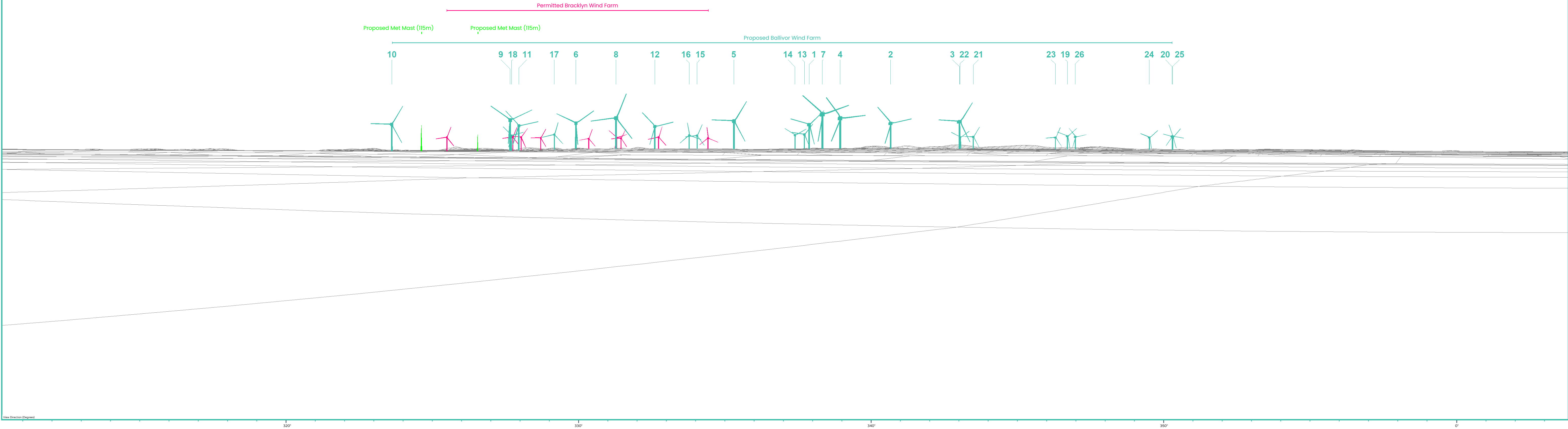


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





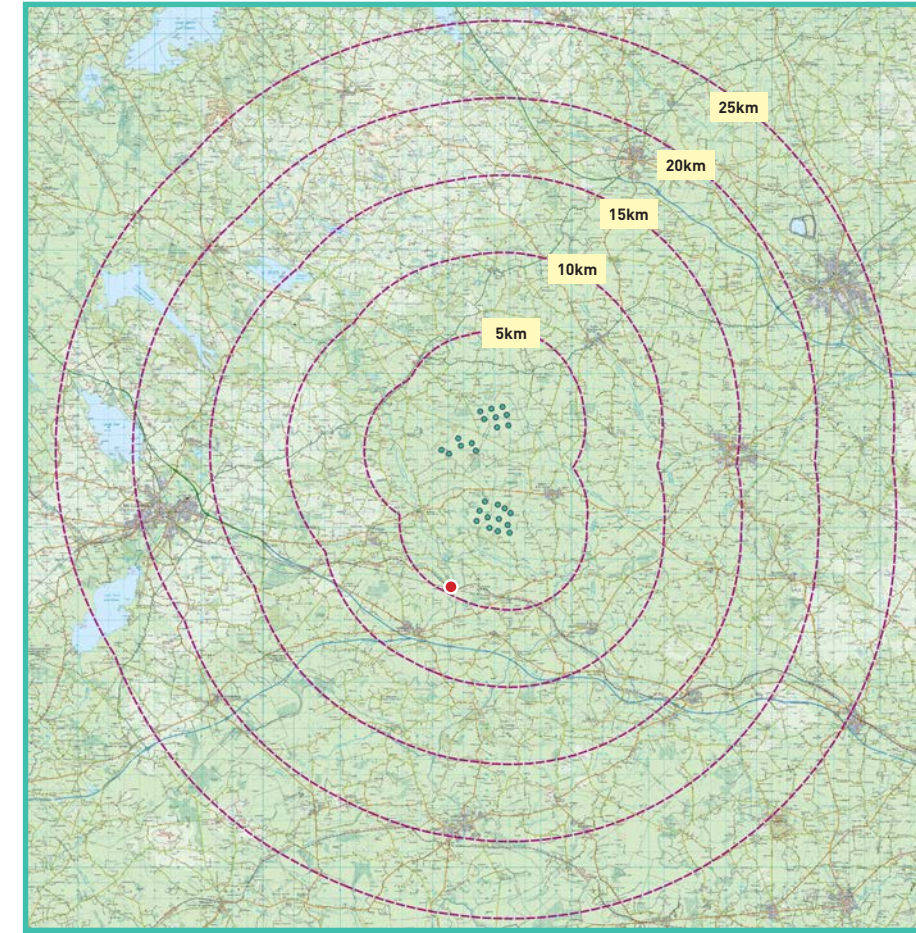
View Point 07

Croboy

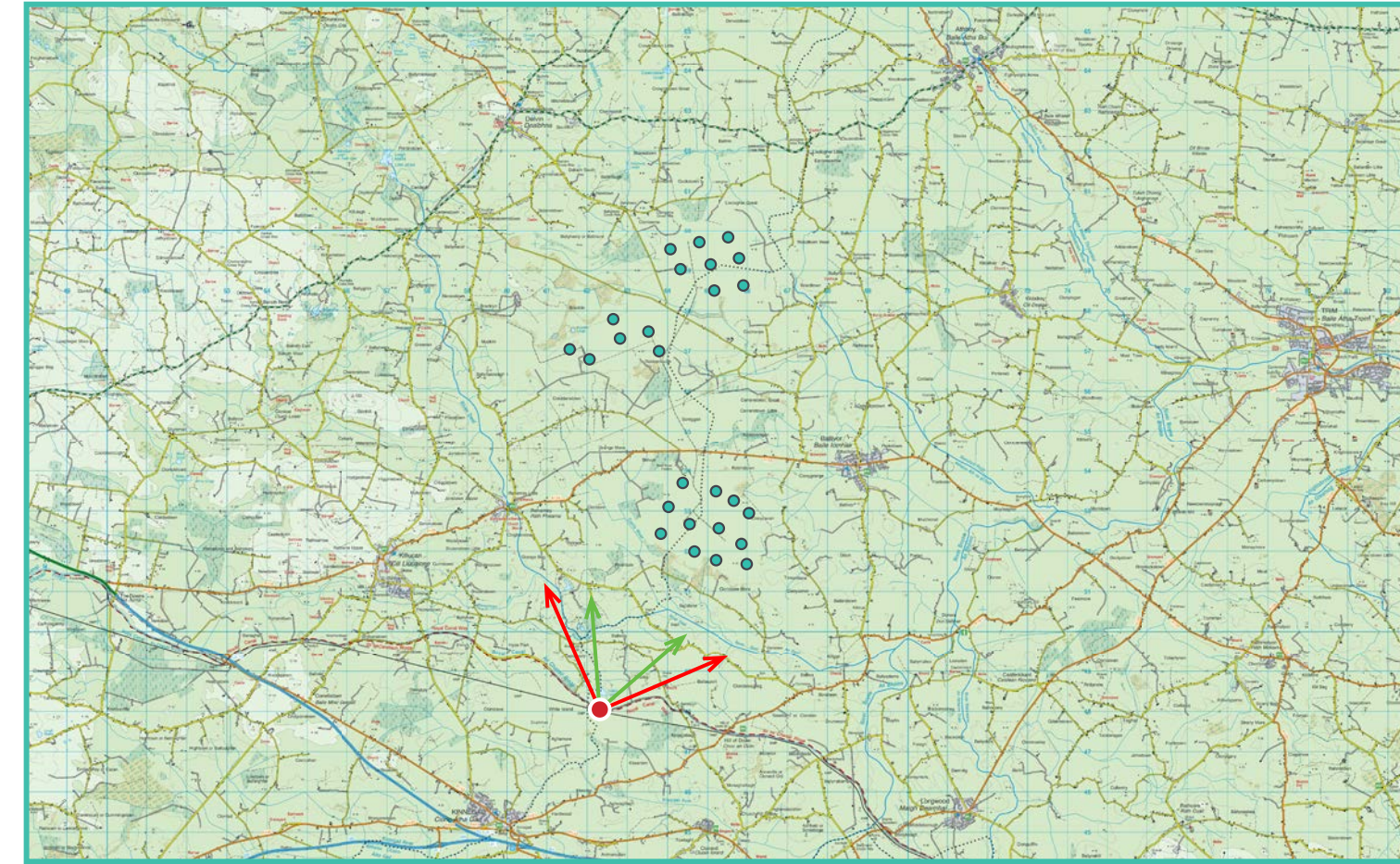
Photomontage 07

View from the Royal Canal Greenway in the townland of Croboy, approximately 4.6km south of the nearest turbine.

View point grid reference	E 662127 N 748131
Date of image taken	13/10/2020
Time of image taken	11:58am
View point elevation	76m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	21°
Horizontal extent of proposed turbines	51°
Distance to nearest proposed turbine	4.6km (T9)
Number of proposed turbines visible	16/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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View point relative to 25km radius.



View point relative to wind farm site.

90° View Extent



Detail of view point location.

Map Legend

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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

Prepared by

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Tuam Road, Galway.

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Website: www.mkoireland.ie



Key Image at 120°

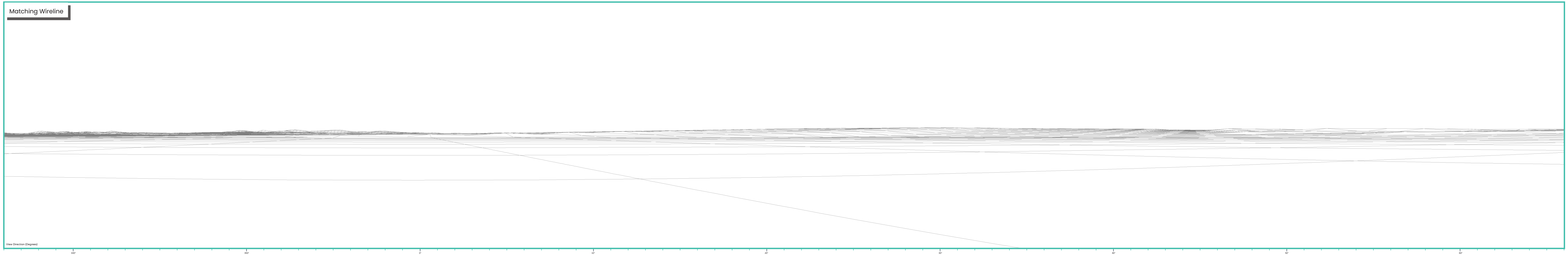


53.5° View Extent

Existing View at 90°



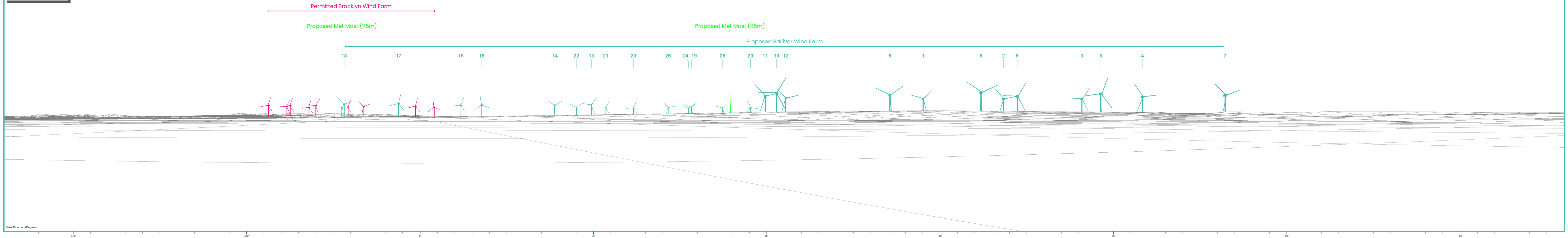
Matching Wireline



Proposed Photomontage with Cumulative at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



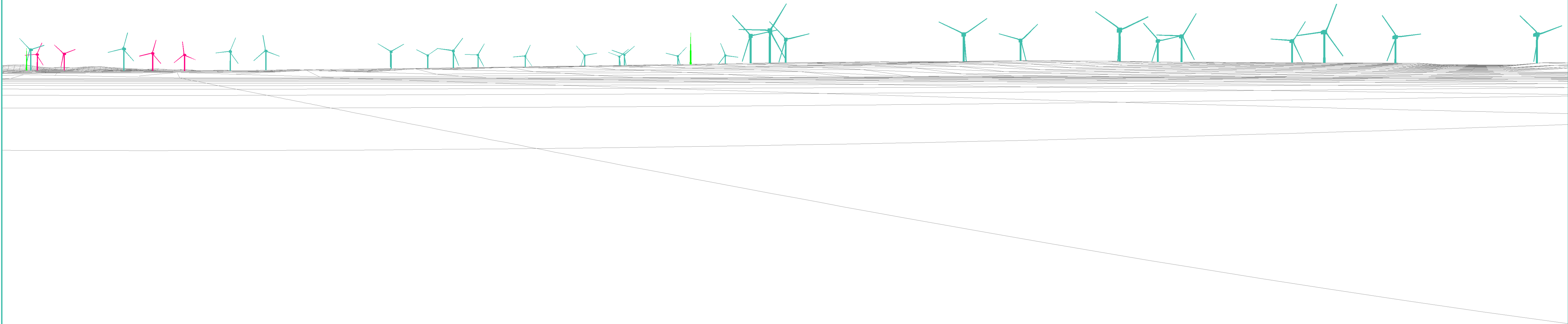
← Permitted Bracklyn Wind Farm

Proposed Met Mast (115m)

Proposed Met Mast (115m)

Proposed Ballivor Wind Farm

18 17 15 16 14 22 13 21 23 26 24 19 25 20 11 10 12 6 1 9 2 5 3 8 4 7



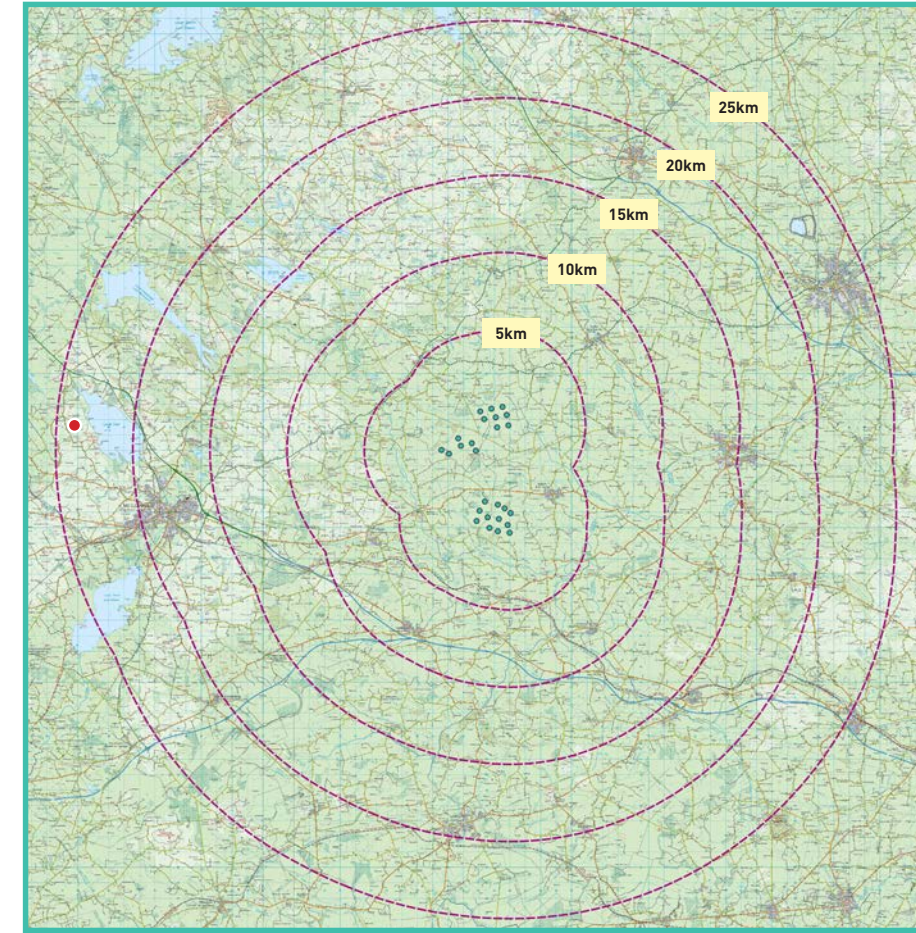
View Point 08

Wattstown

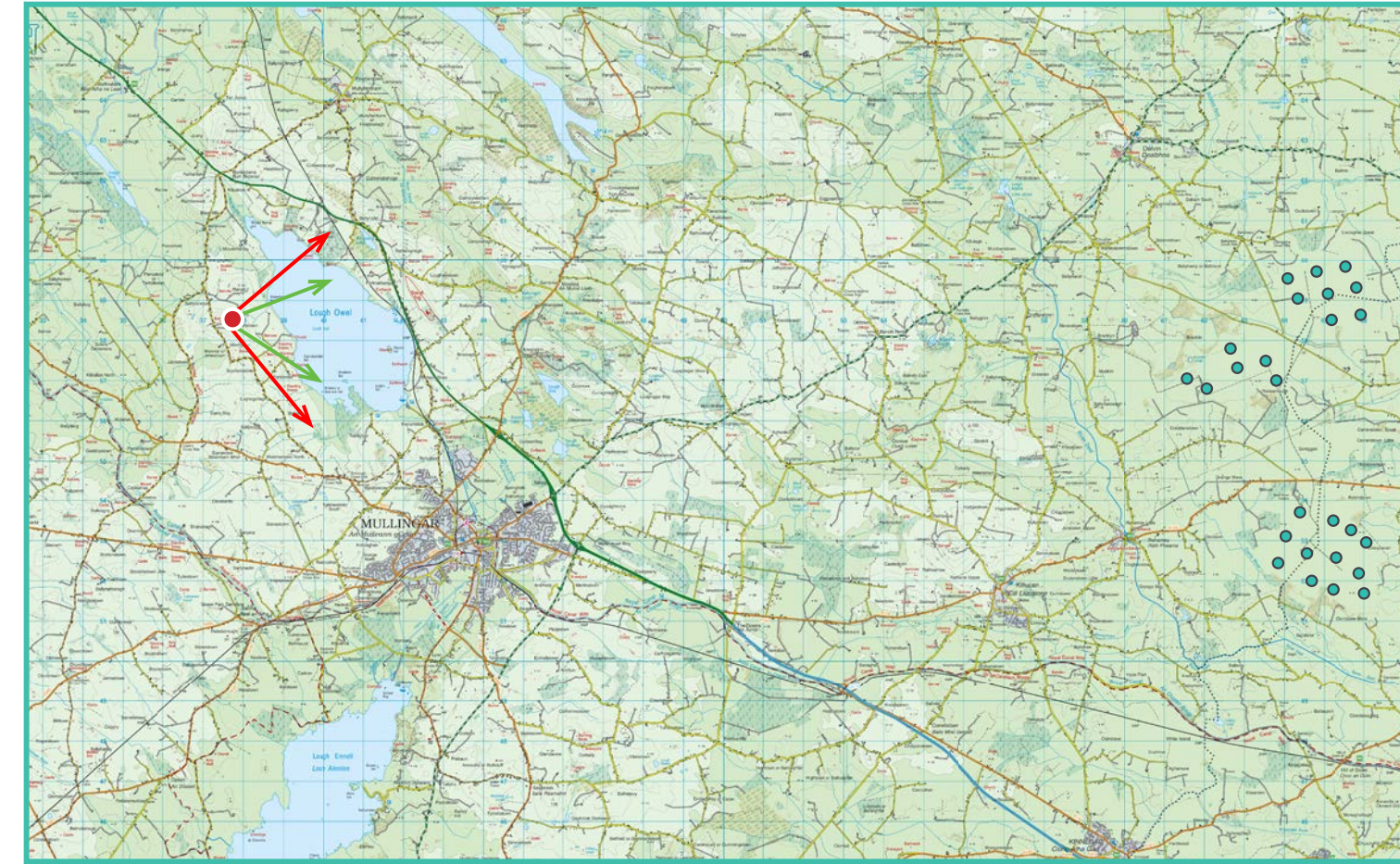
Photomontage 08

View from Frewin Hill off the L5803-35 overlooking Lough Owel in the townland of Wattstown, approximately 23.8km west from the nearest turbine. Designated as an Area of High Amenity (Co. Westmeath)

View point grid reference	E 637663 N 758511
Date of image taken	14/10/2020
Time of image taken	4:16pm
View point elevation	161m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	95°
Horizontal extent of proposed turbines	16°
Distance to nearest proposed turbine	23.8km (T18)
Number of proposed turbines visible	26/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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View point relative to 25km radius.



View point relative to wind farm site.



Detail of view point location.

90° View Extent

Map Legend

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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

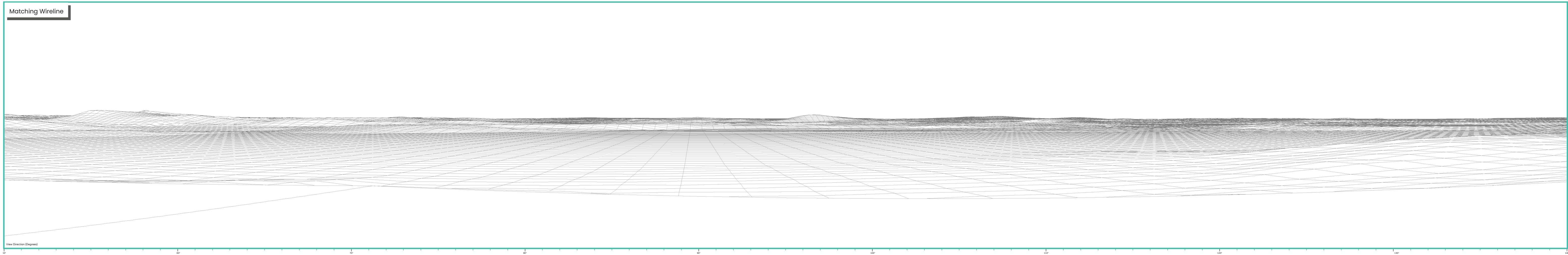
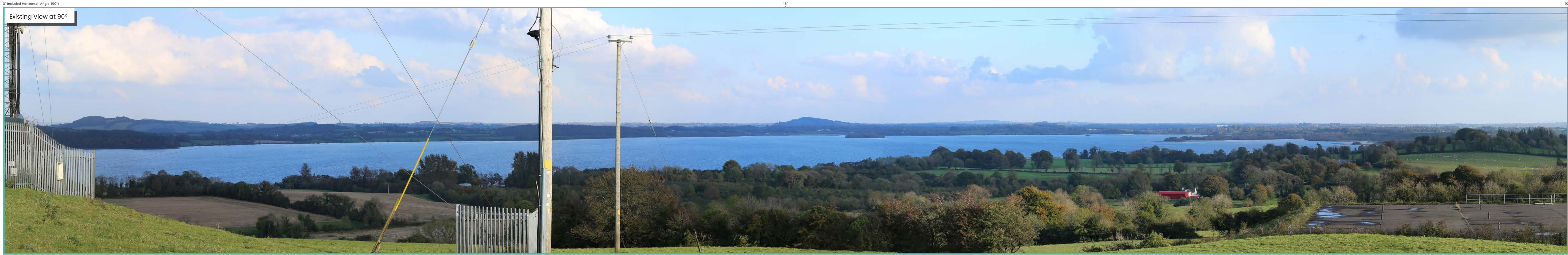
Tel: (091) 73 56 11
E-mail: info@mkofireland.ie
Website: www.mkofireland.ie



Key Image at 120°



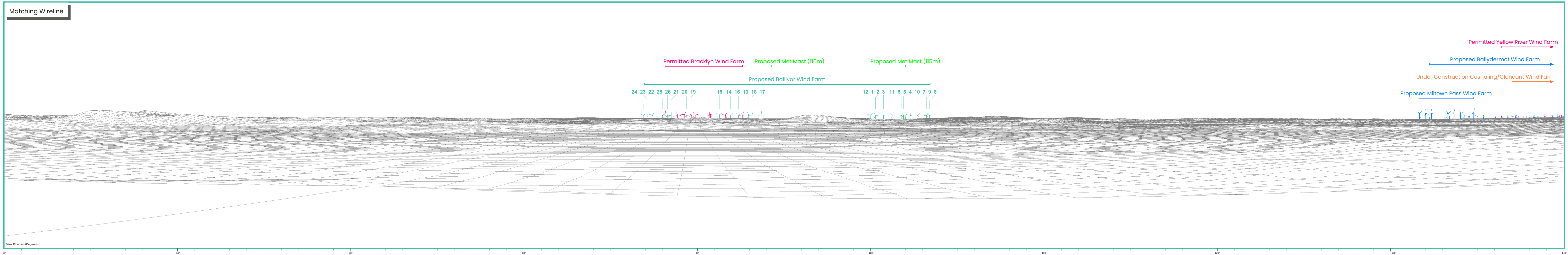
53.5° View Extent



Proposed Photomontage with Cumulative at 90°

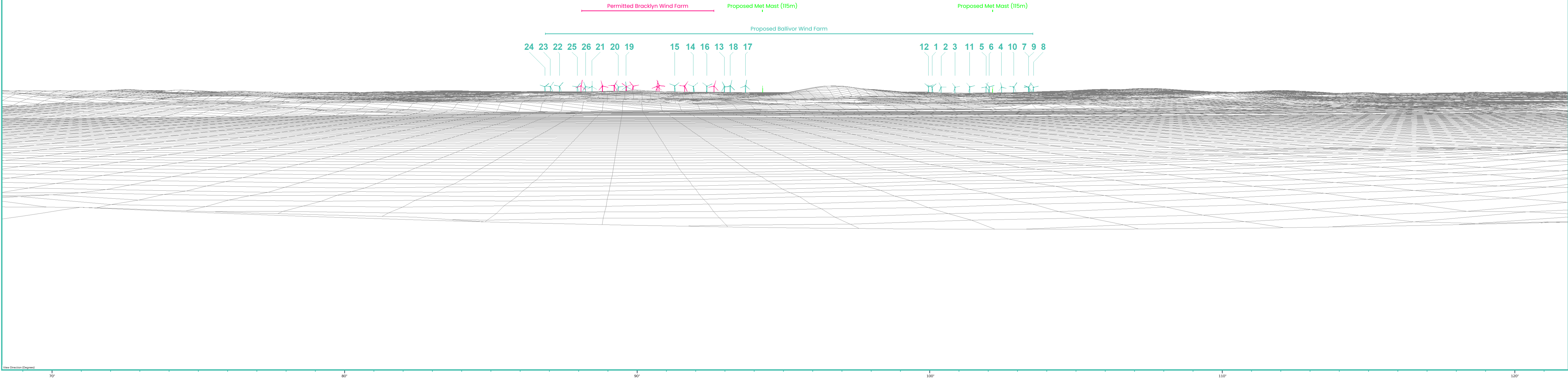


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





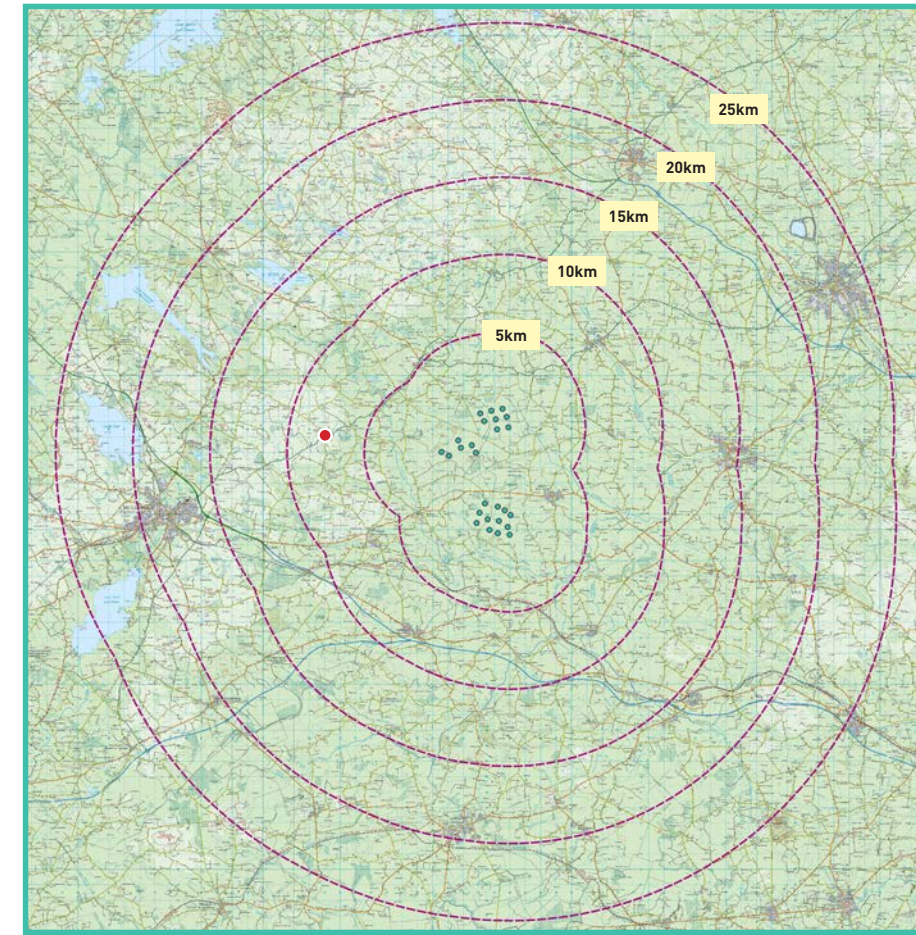
View Point 09

Balrath North

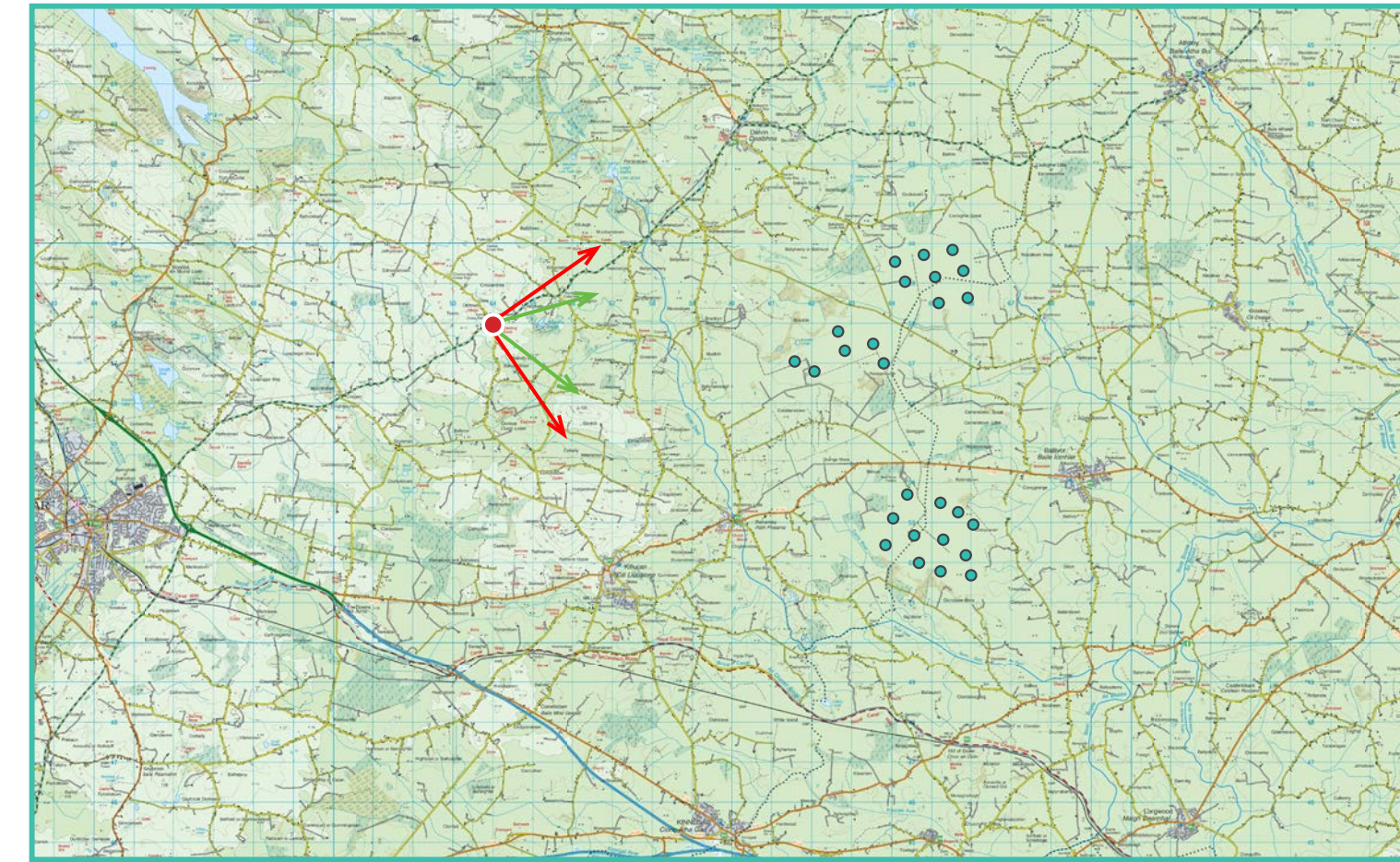
Photomontage 09

View from a local road just off the N52 national road in the townland of Balrath North, approximately 7.6 km west of the nearest turbine.

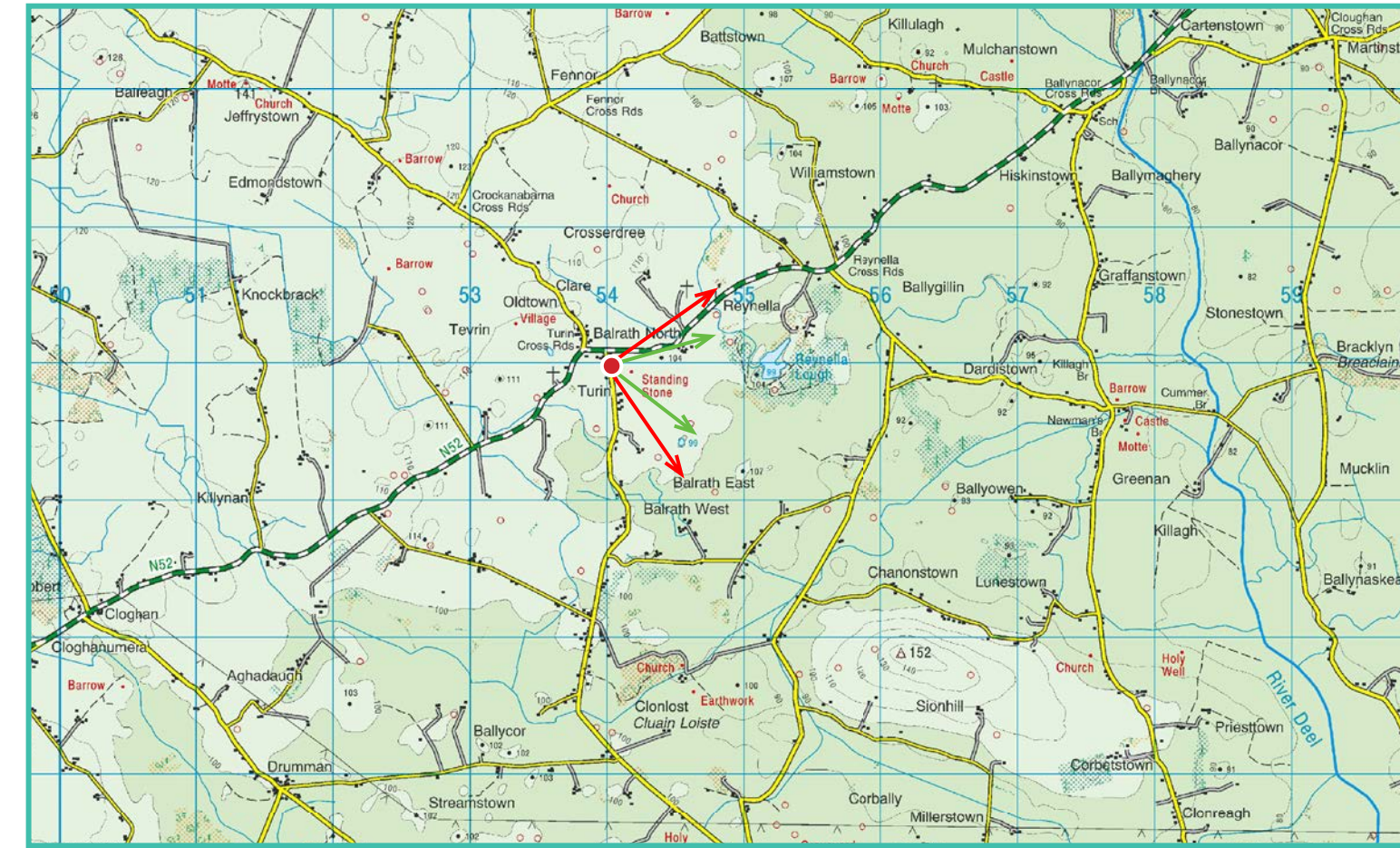
View point grid reference	E 653941 N 758042
Date of image taken	13/10/2020
Time of image taken	2:50pm
View point elevation	105m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	100°
Horizontal extent of proposed turbines	38°
Distance to nearest proposed turbine	7.6km (118)
Number of proposed turbines visible	15/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

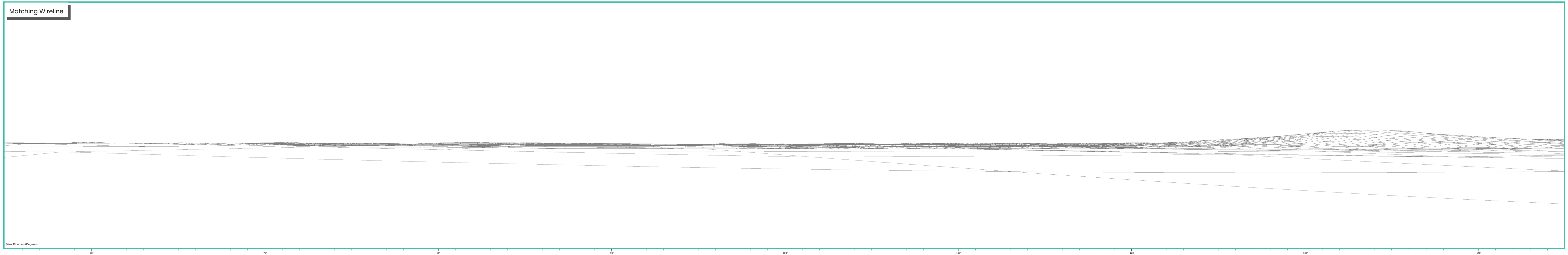


53.5° View Extent

Existing View at 90°



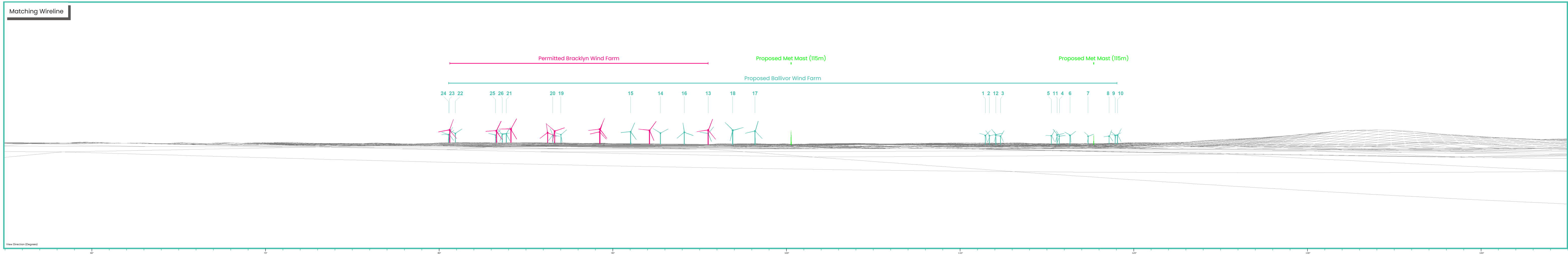
Matching Wireline



Proposed Photomontage with Cumulative at 90°

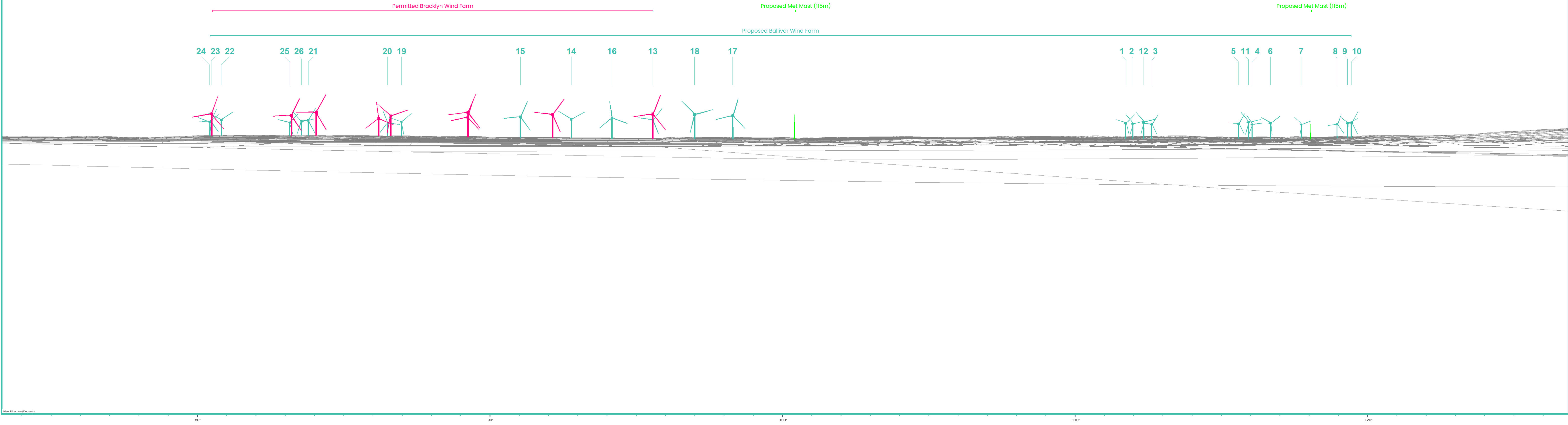


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





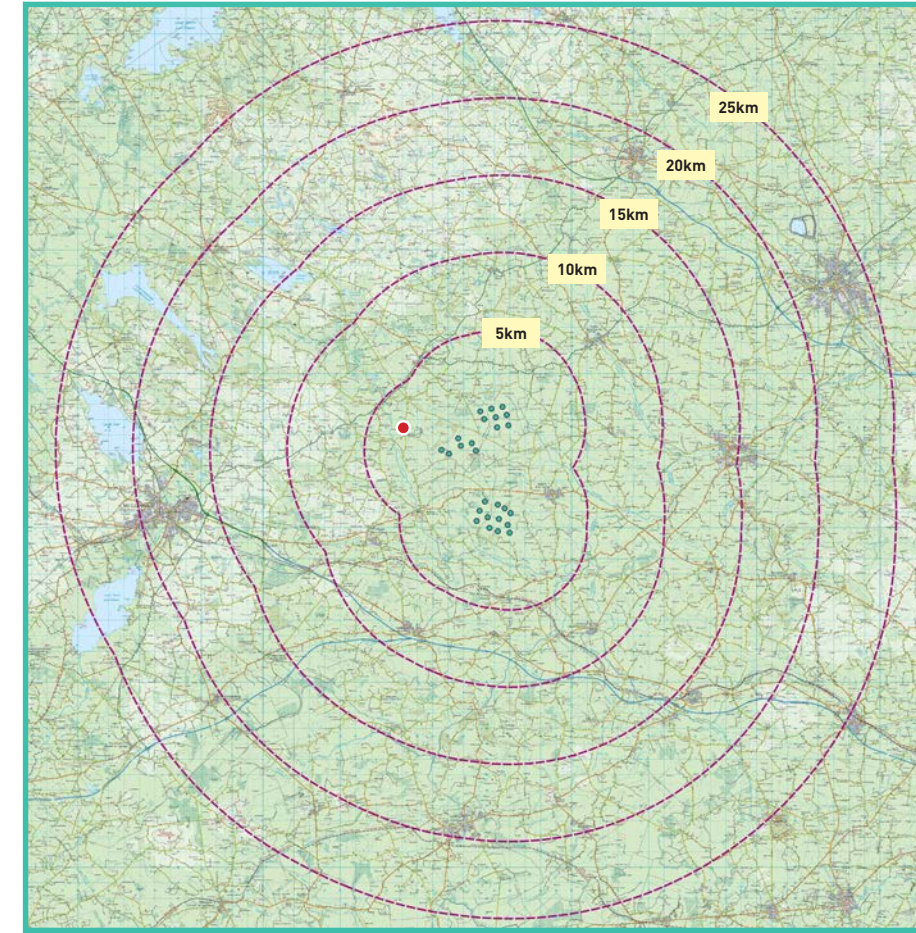
View Point 10

Bracklin

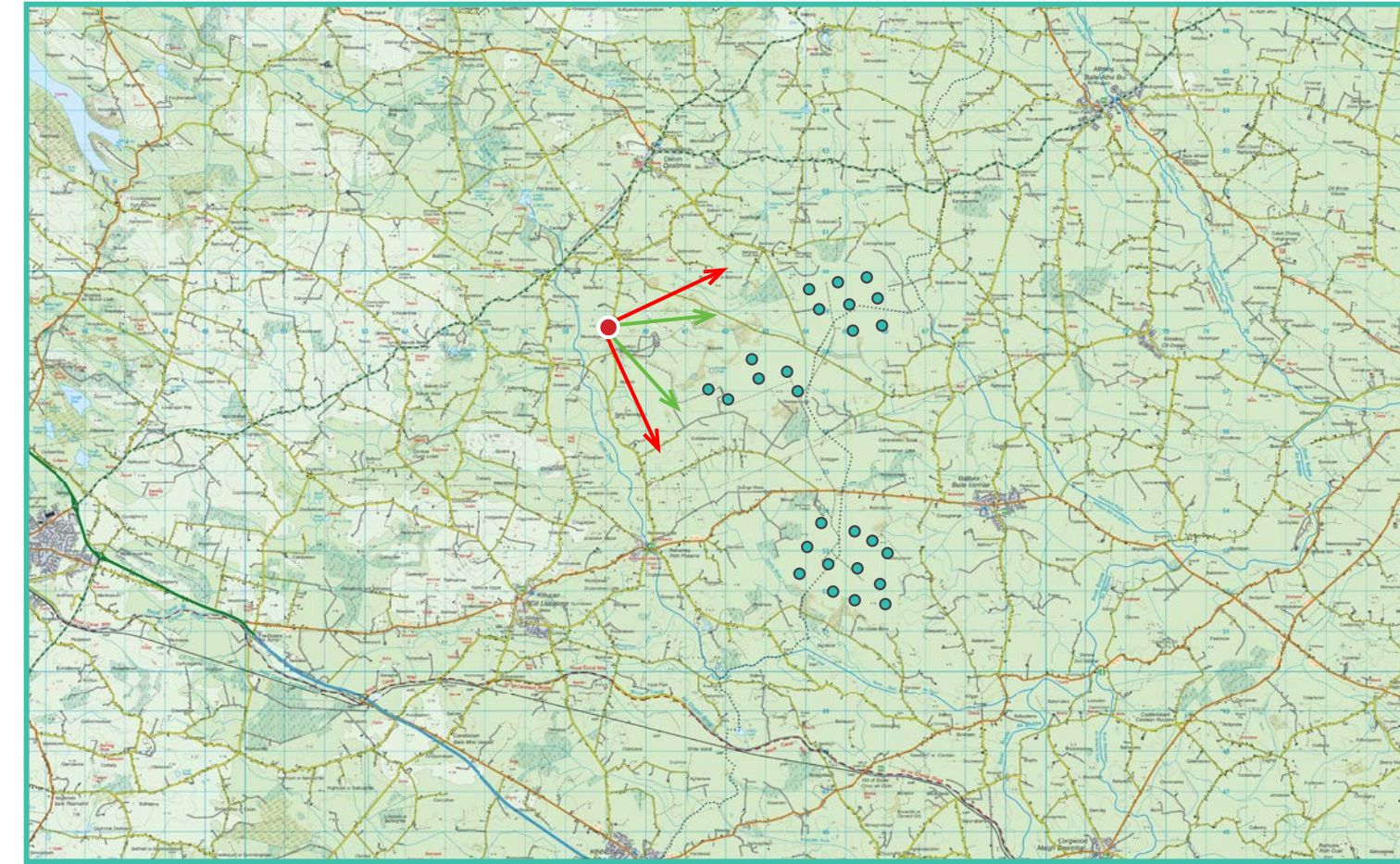
Photomontage 10

View from a local road south of the N52 in the townland of Bracklyn, approximately 2.8km north-west of the nearest turbine.

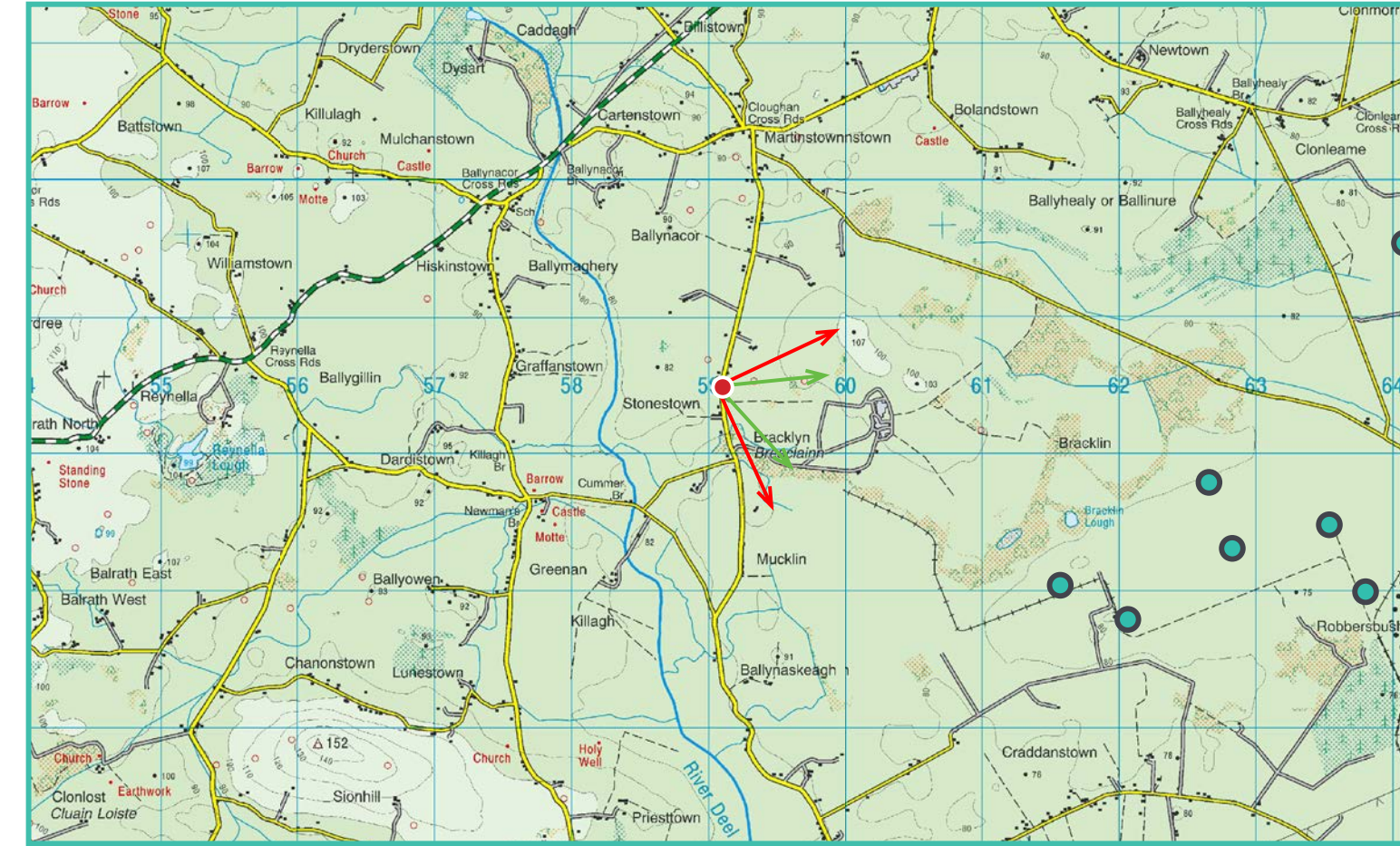
View point grid reference	E 659029 N 7585482
Date of image taken	28/07/2020
Time of image taken	12:39pm
View point elevation	84m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	110°
Horizontal extent of proposed turbines	64°
Distance to nearest proposed turbine	2.8km (T18)
Number of proposed turbines visible	4/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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Website: www.mkoireland.ie



90° View Extent

Key Image at 120°

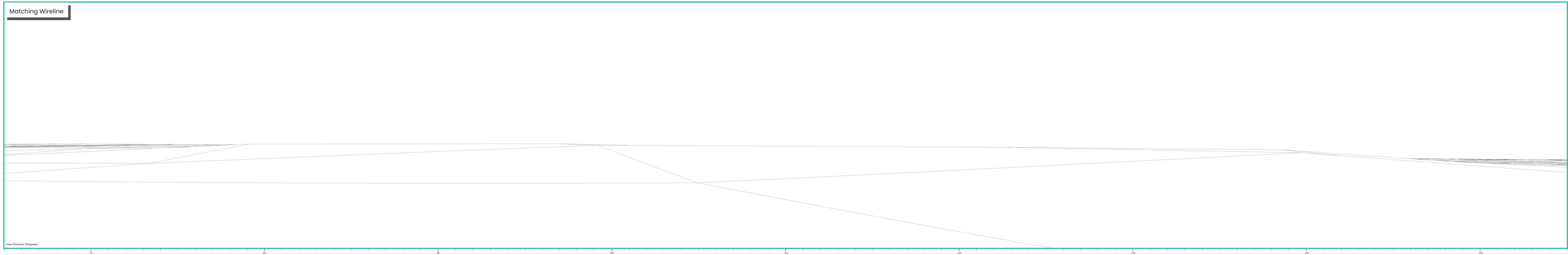


53.5° View Extent

Existing View at 90°



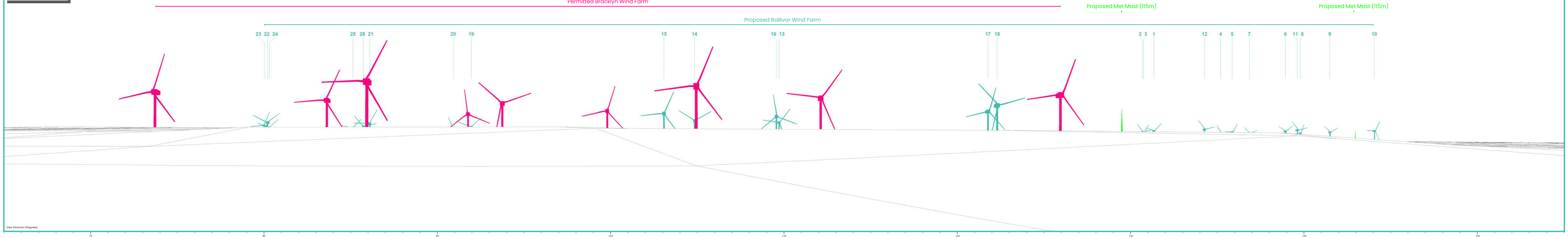
Matching Wireline



Proposed Photomontage with Cumulative at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



Permitted Bracklyn Wind Farm

Proposed Ballivor Wind Farm

Proposed Met Mast (115m)

25 26 21

20 19

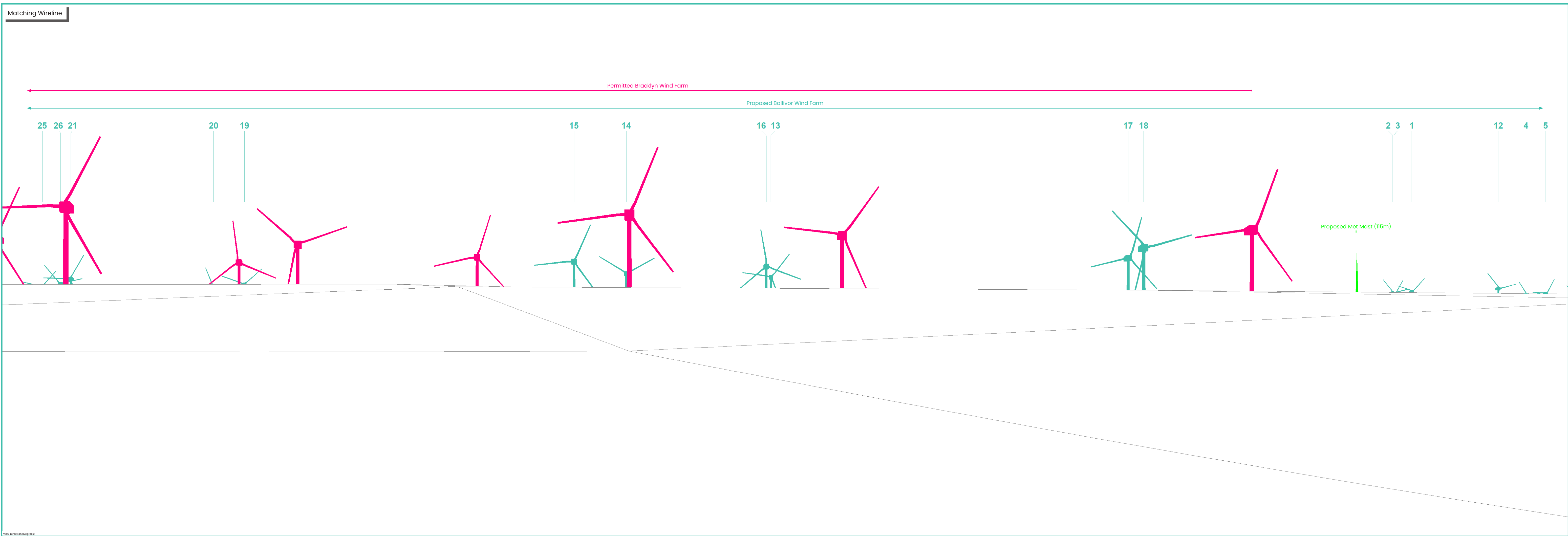
15 14

16 13

17 18

2 3 1

12 4 5



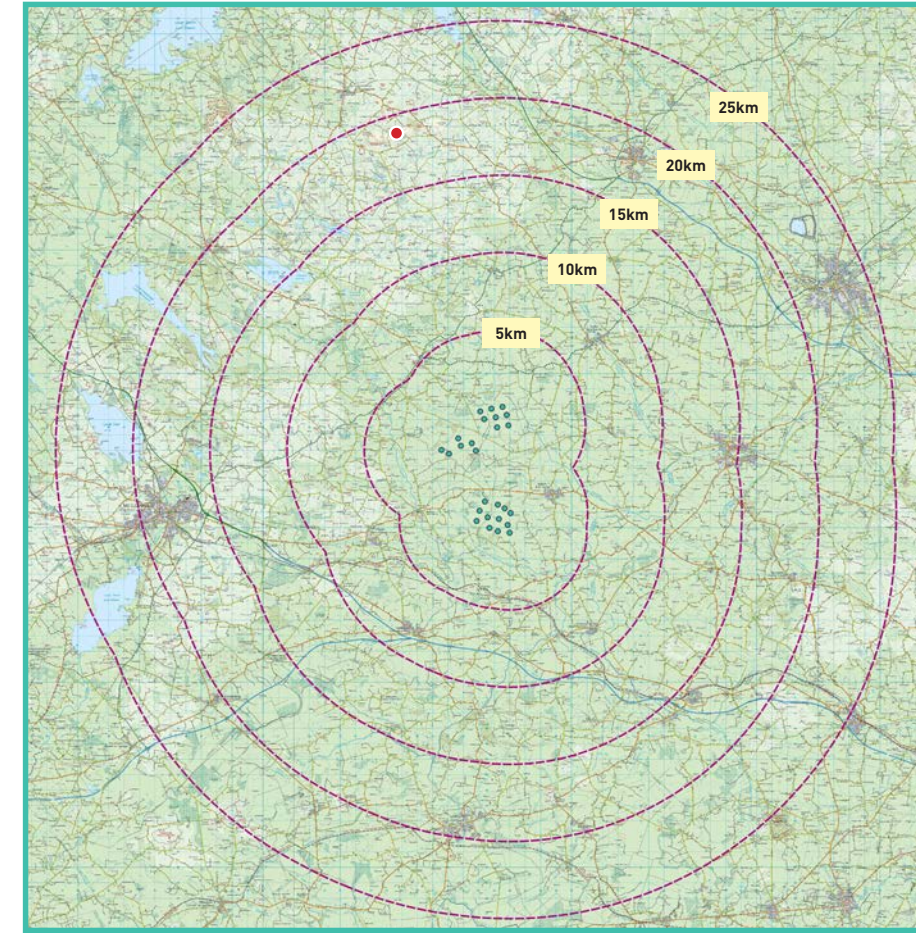
View Point 11

Corstown

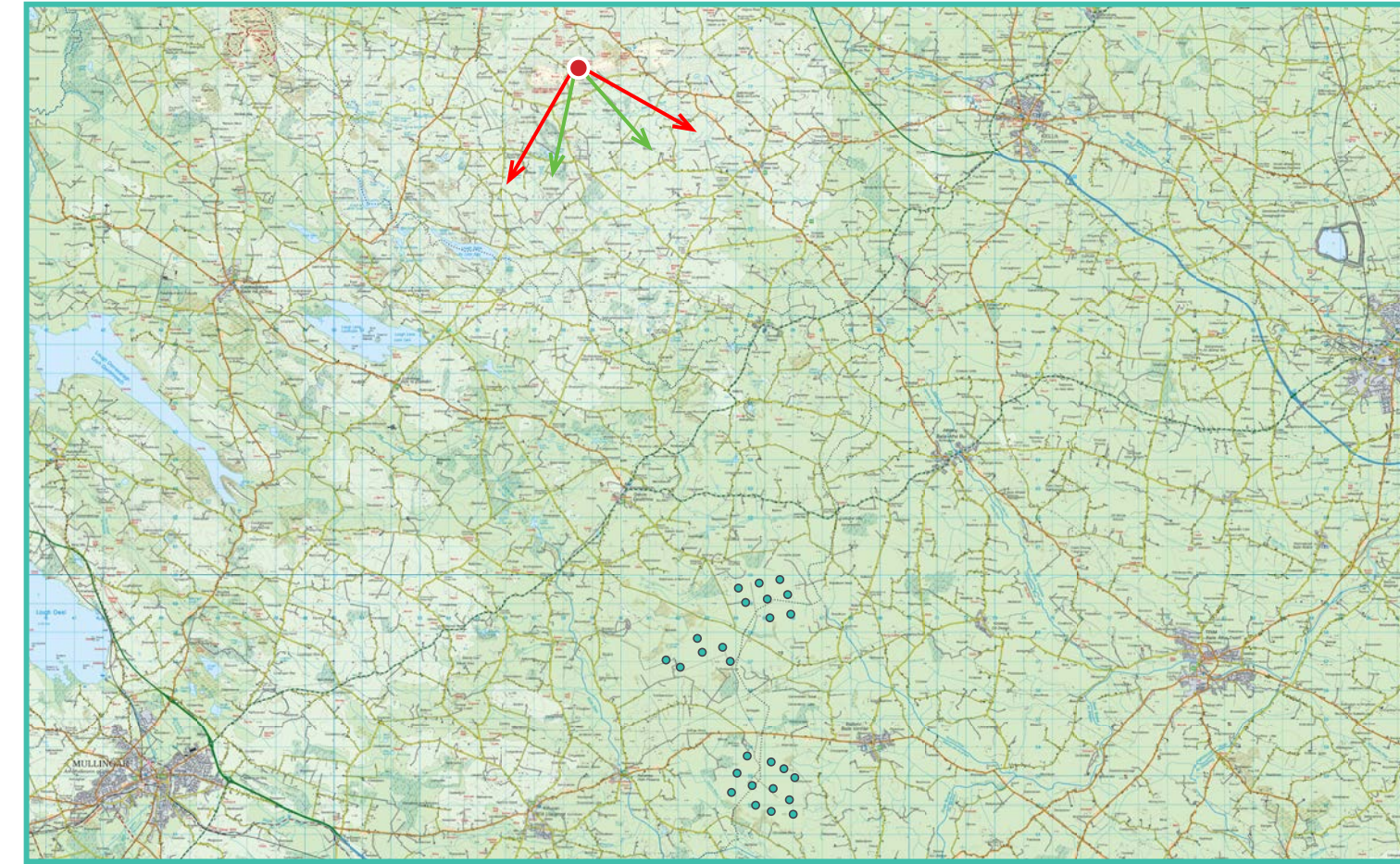
Photomontage 11

View from the Loughcrew Megalithic Tomb in the townland of Corstown, designated as County Meath Scenic View V6 (Slieve na Calliagh), approximately 18.8 km north-west of the nearest turbine.

View point grid reference	E 658552 N 777566
Date of image taken	06/08/2020
Time of image taken	10:22am
View point elevation	267m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	165°
Horizontal extent of proposed turbines	13°
Distance to nearest proposed turbine	18.8km (T22)
Number of proposed turbines visible	26/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517

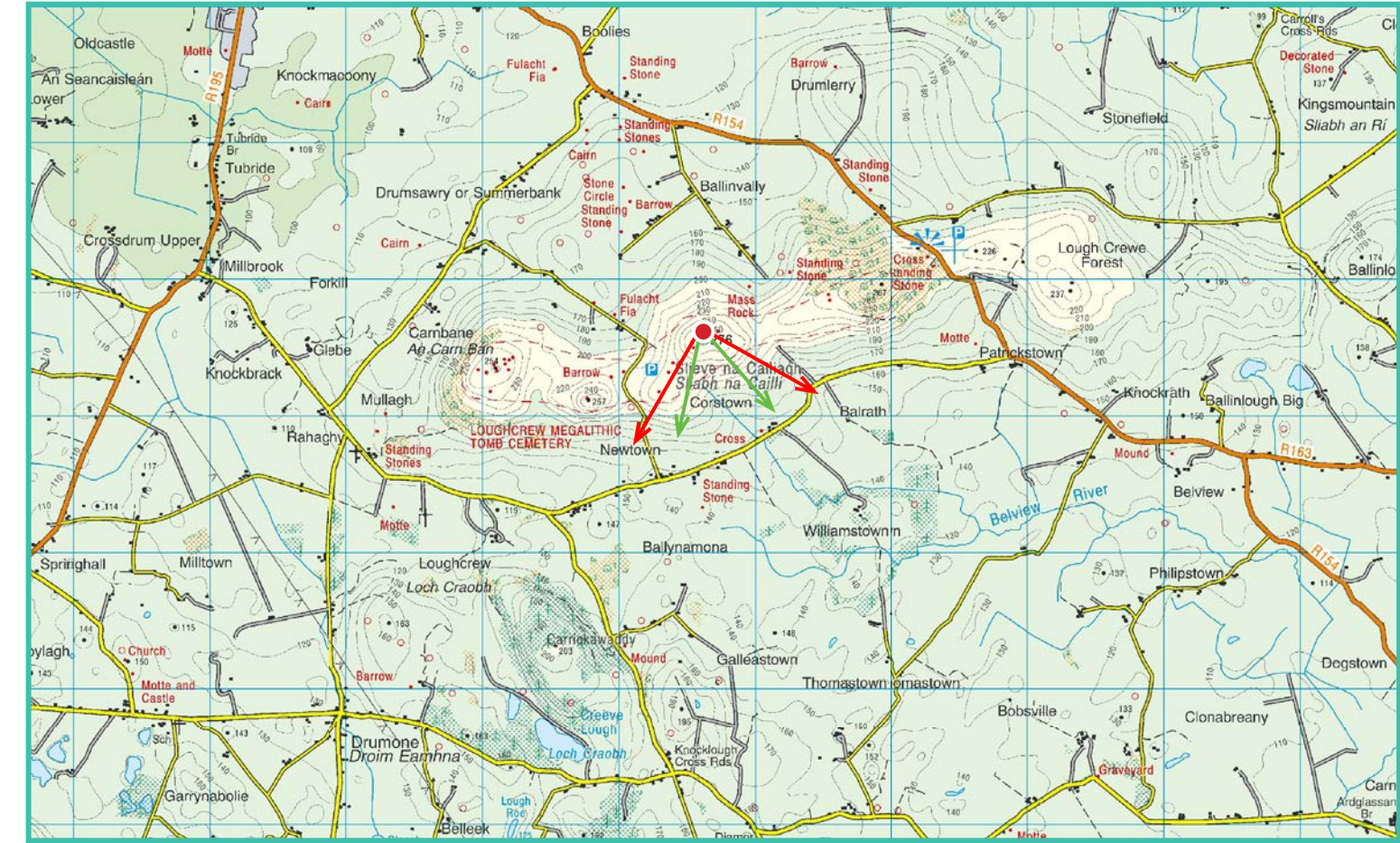


View point relative to 25km radius.



View point relative to wind farm site.

90° View Extent



Detail of view point location.

Map Legend

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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
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Key Image at 120°

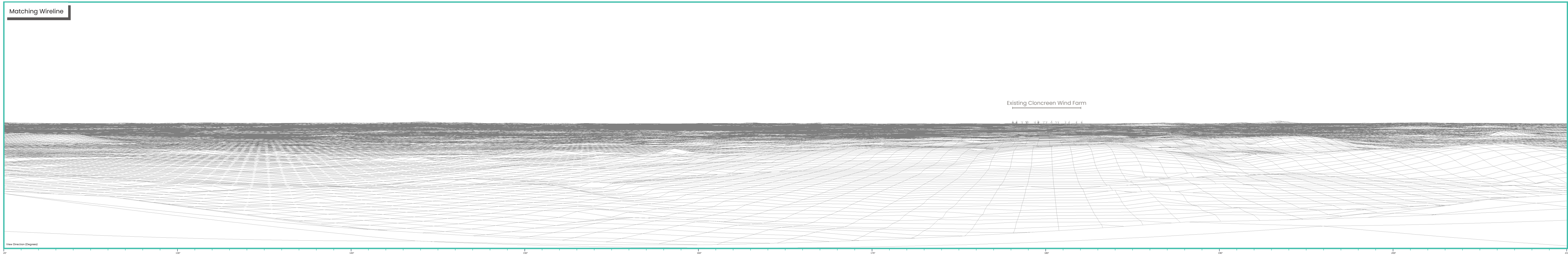


53.5° View Extent

Existing View at 90°



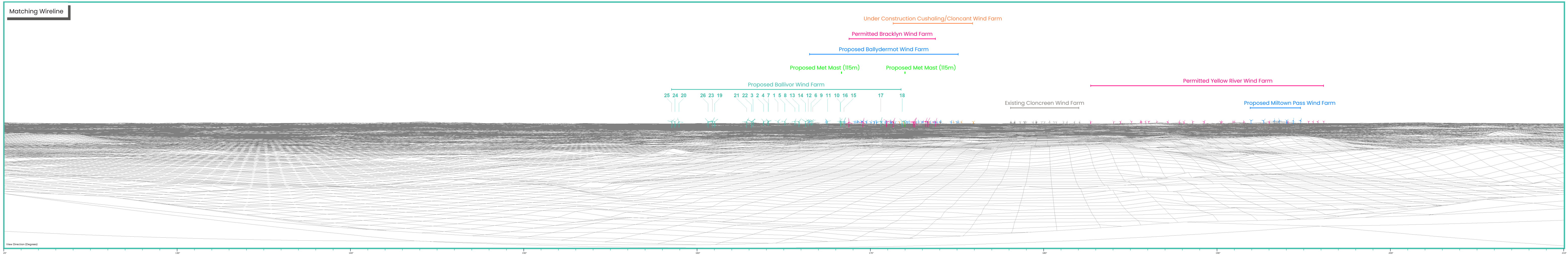
Matching Wireline



Proposed Photomontage with Cumulative at 90°

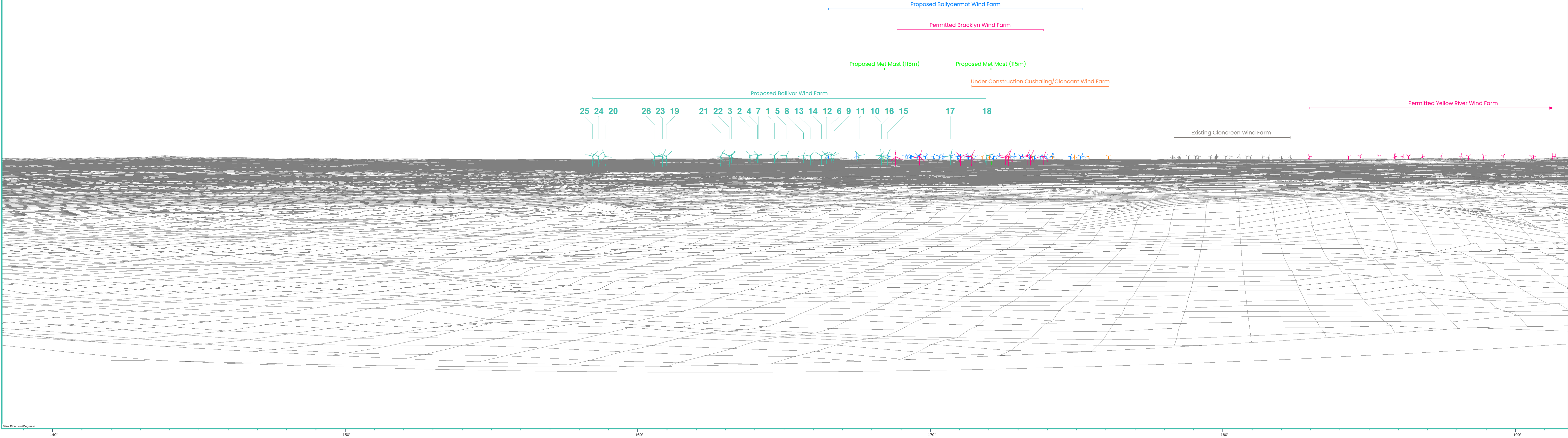


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





Proposed Ballydermot Wind Farm

Permitted Bracklyn Wind Farm

Proposed Met Mast (115m)

Proposed Met Mast (115m)

Under Construction Cushaling/Cloncant Wind Farm

Proposed Ballivor Wind Farm

Existing Cloncreen Wind Farm

Permitted Yellow River Wind Farm

25 24 20

26 23 19

21 22 3 2

4 7 1 5 8 13 14

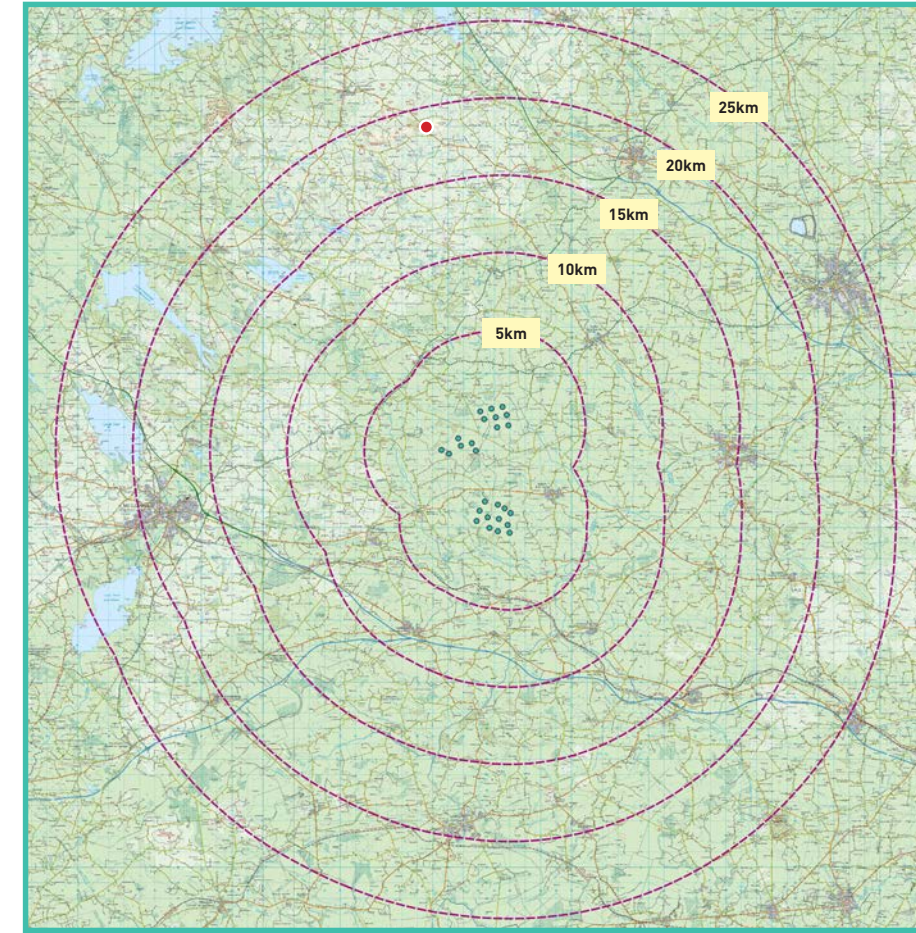
12 6 9 11 10 16 15

17 18

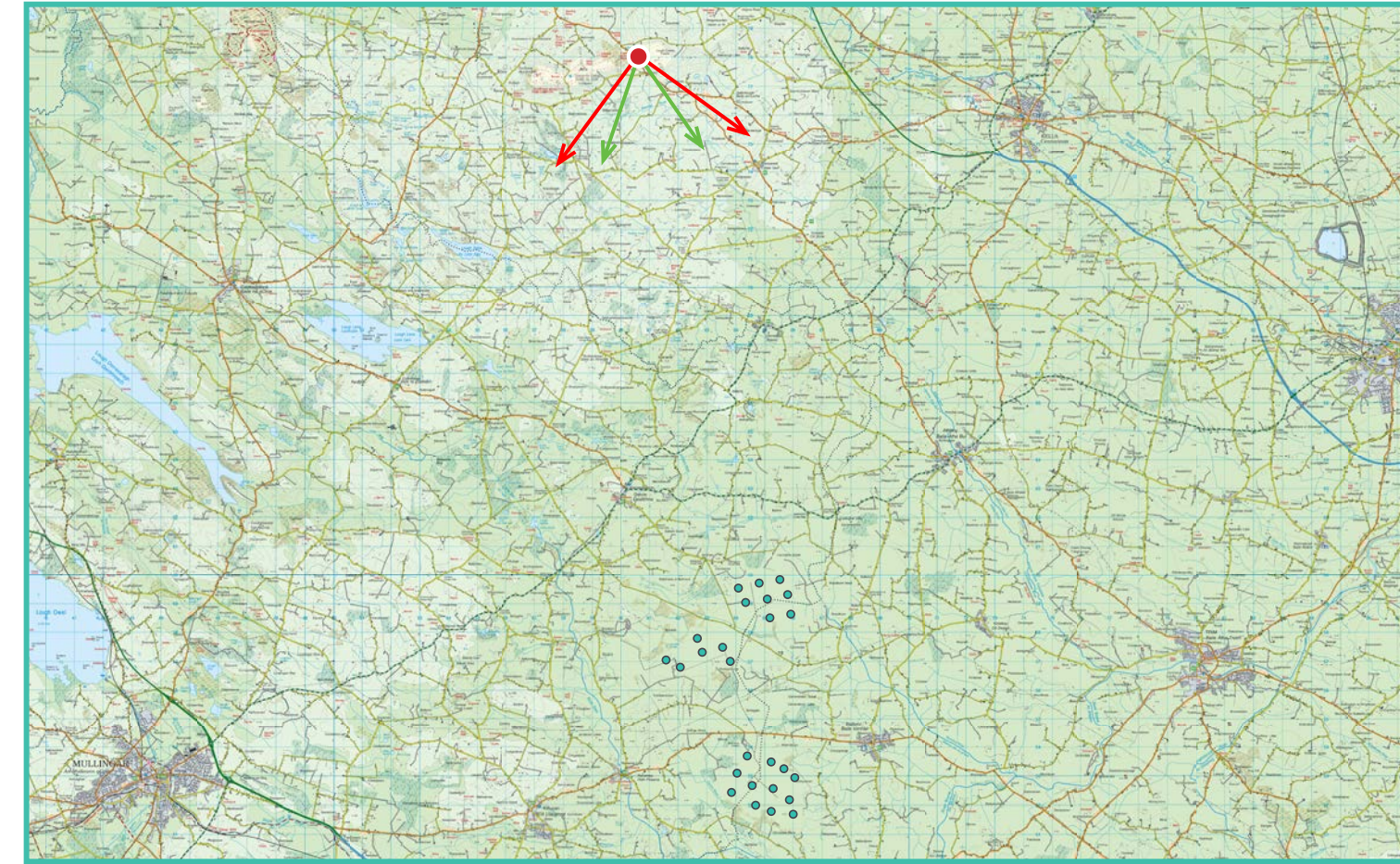
Photomontage 12

View from the R154, designated as County Meath scenic view V5, in the townland of Patrickstown, approximately 18.7 km north of the nearest turbine.

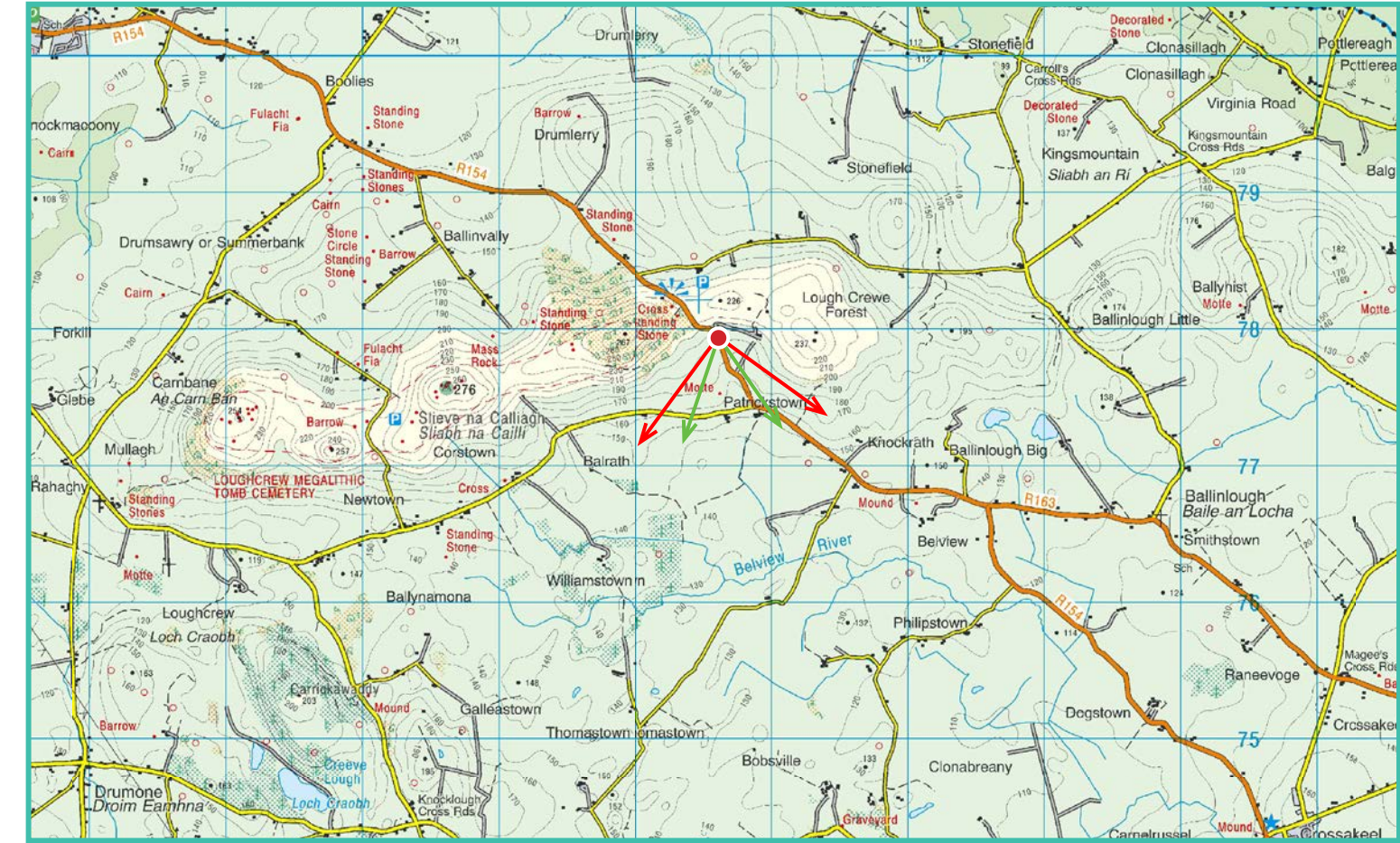
View point grid reference	E 660543 N 777965
Date of image taken	06/08/2020
Time of image taken	11:54am
View point elevation	186m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	171°
Horizontal extent of proposed turbines	13°
Distance to nearest proposed turbine	18.7km (T23)
Number of proposed turbines visible	26/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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View point relative to 25km 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



Wireline Legend

Proposed Ballivor Wind Farm

Proposed Met Mast (115m)

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Under Construction Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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



90° View Extent

Key Image at 120°

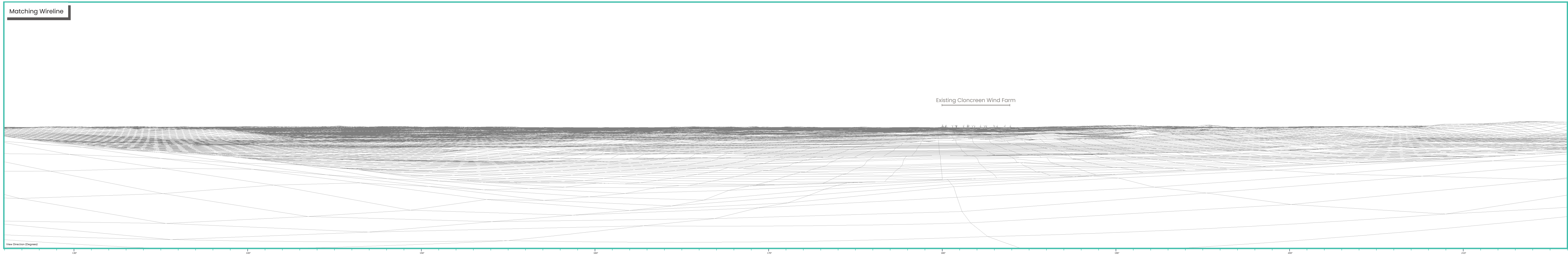


53.5° View Extent

Existing View at 90°



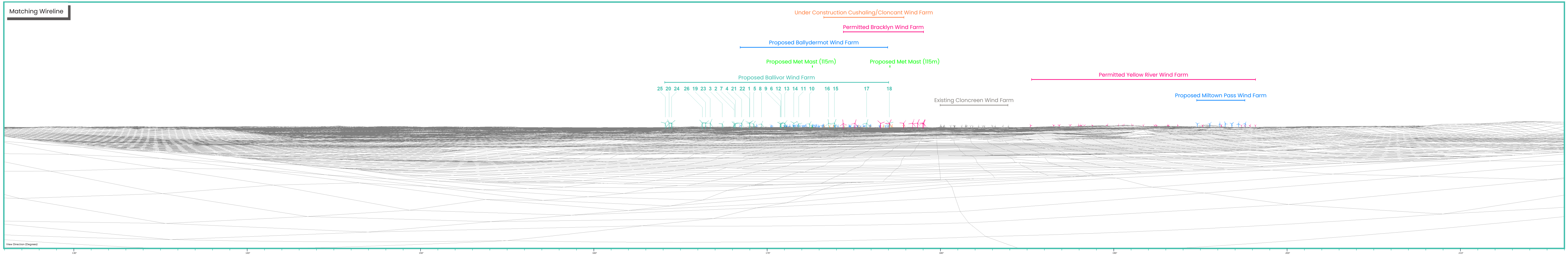
Matching Wireline



Proposed Photomontage with Cumulative at 90°

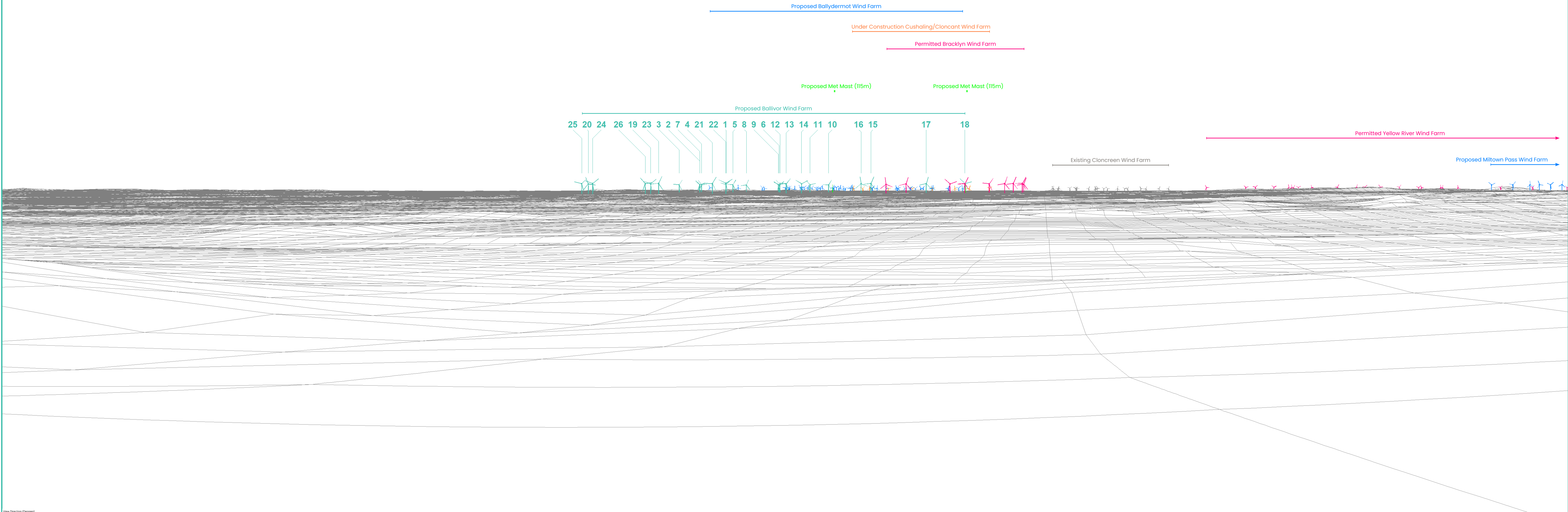


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





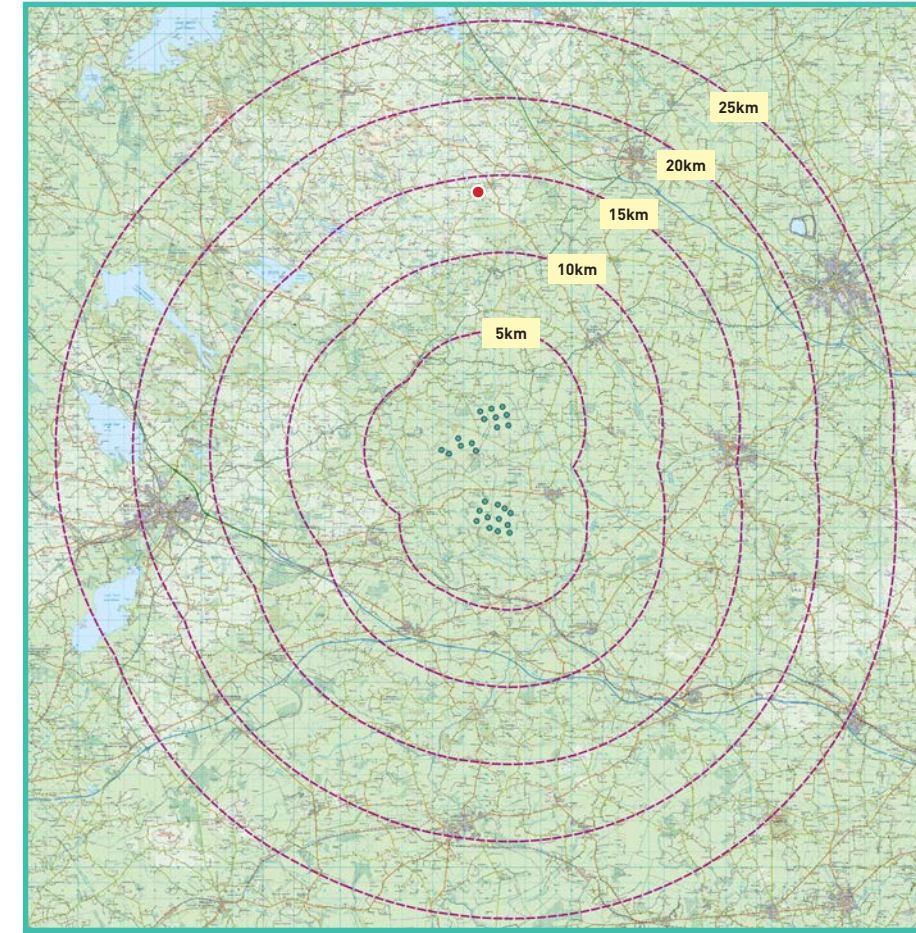
View Point 13

Ardglassan

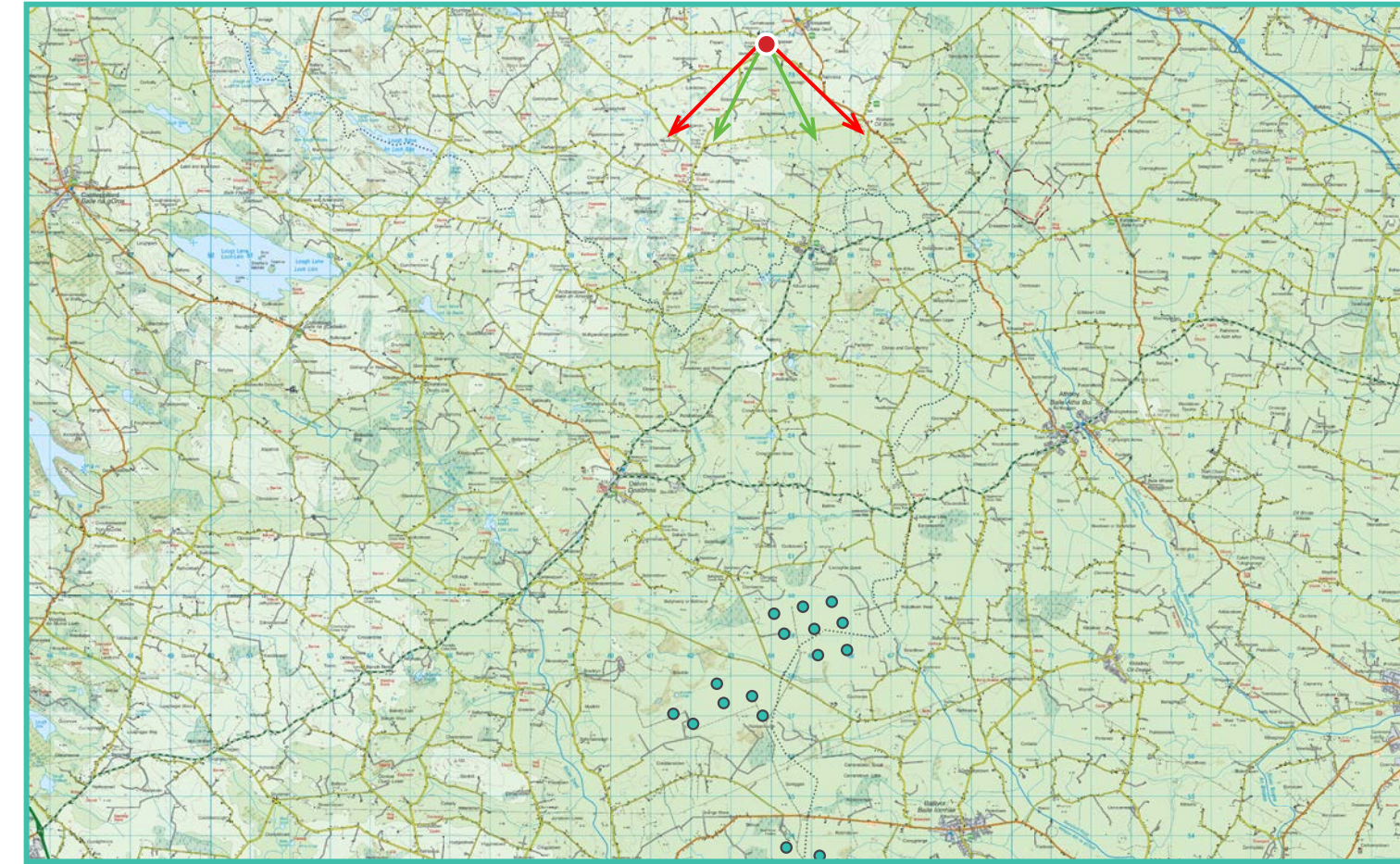
Photomontage 13

View from the L-1633 local road in the townland of Ardglossan, designated as County Meath Scenic View V11, approximately 14 km north of the nearest turbine.

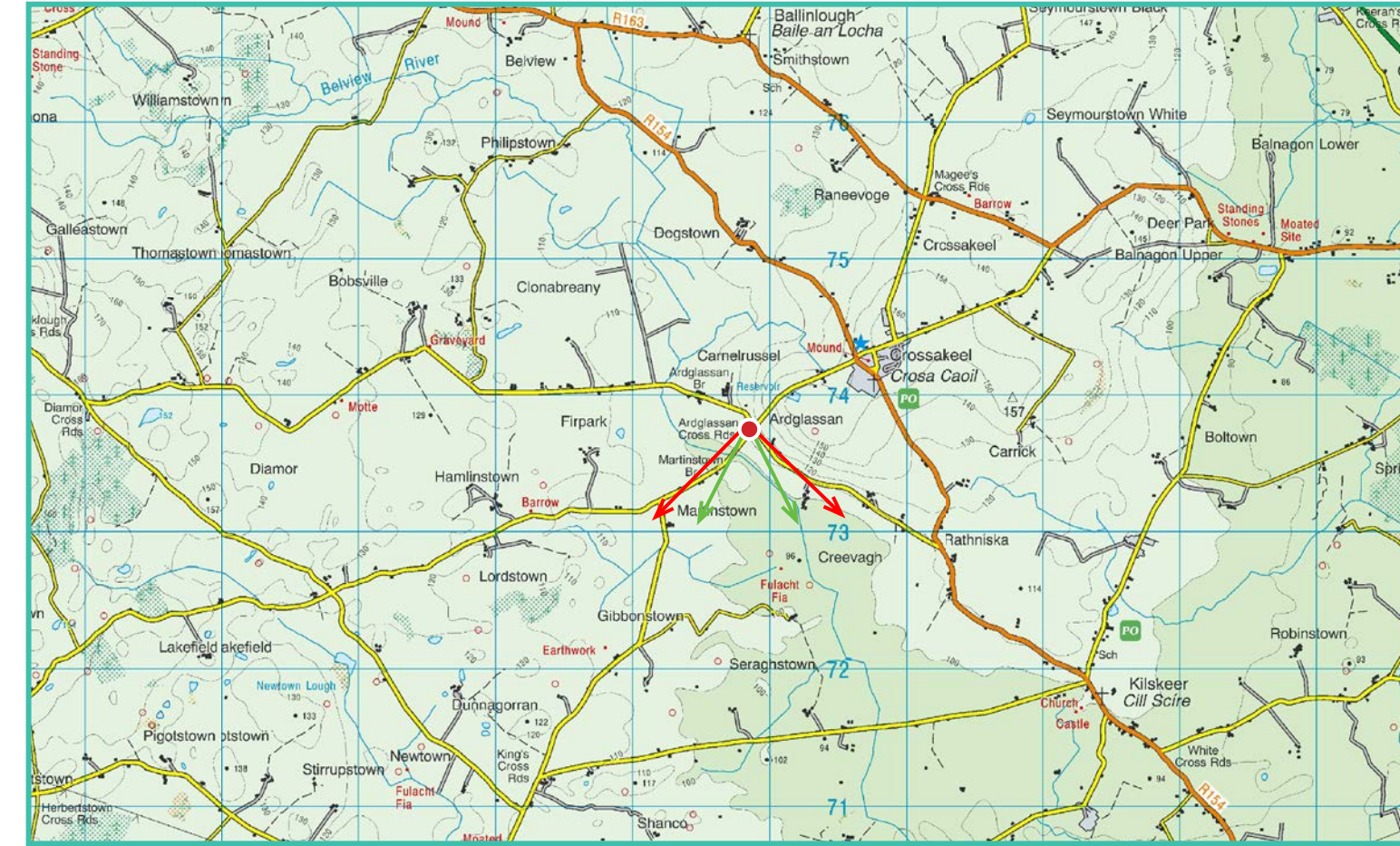
View point grid reference	E 663809 N 773771
Date of image taken	06/08/2020
Time of image taken	12:06pm
View point elevation	104m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	180°
Horizontal extent of proposed turbines	15°
Distance to nearest proposed turbine	14km (T24)
Number of proposed turbines visible	25/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

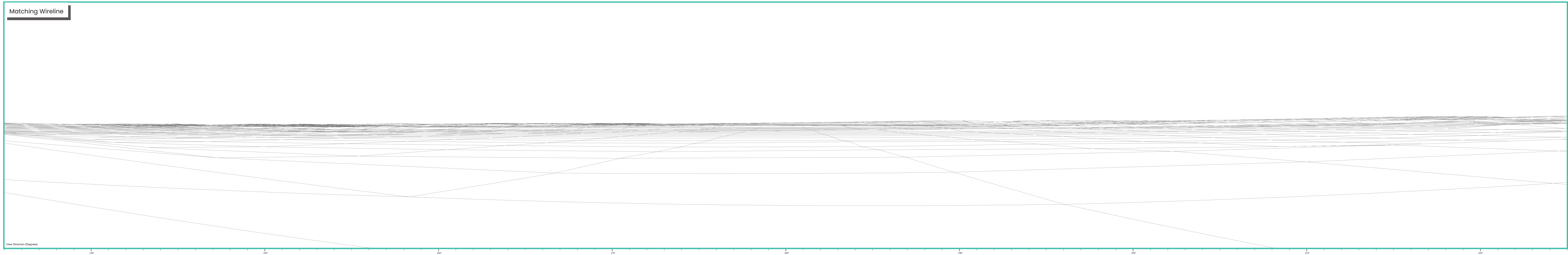


53.5° View Extent

Existing View at 90°



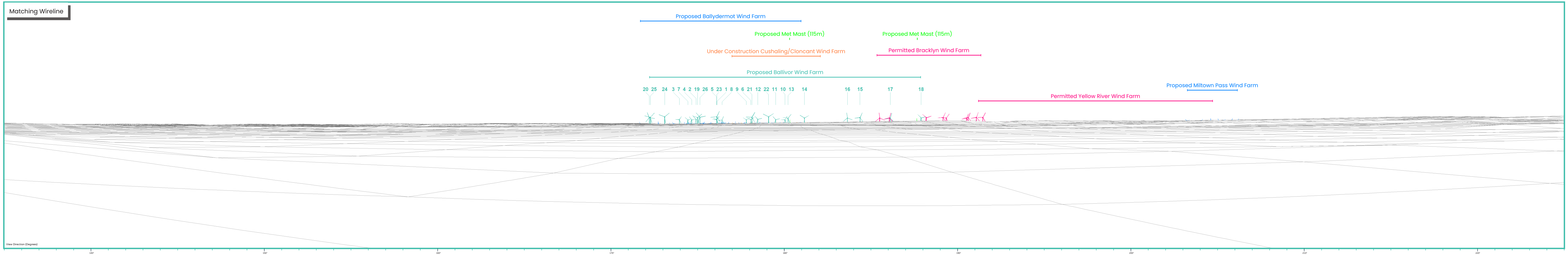
Matching Wireline



Proposed Photomontage with Cumulative at 90°

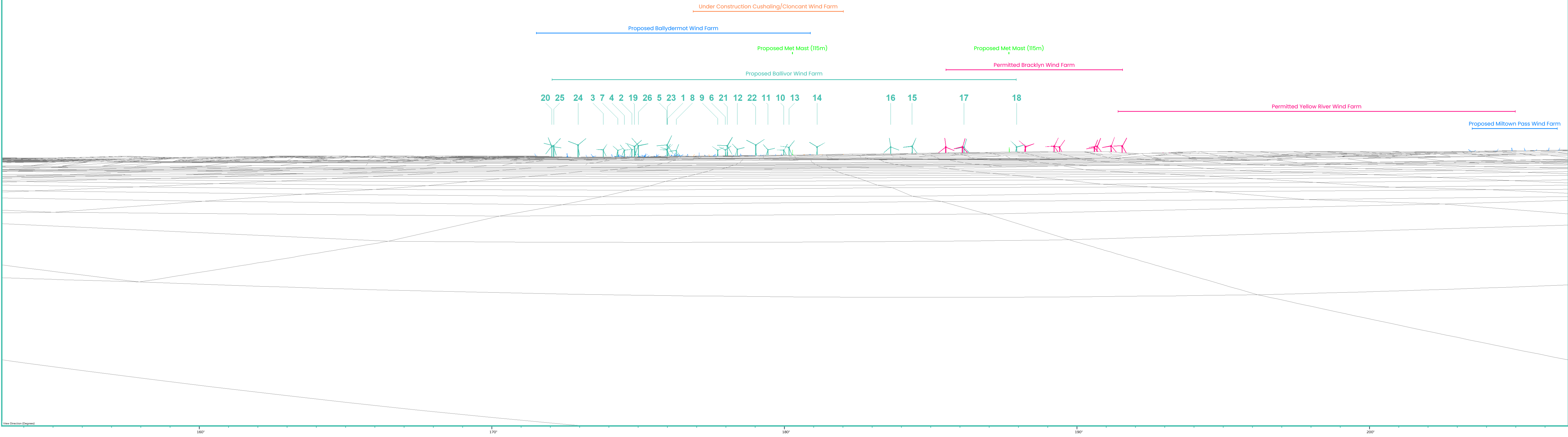


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





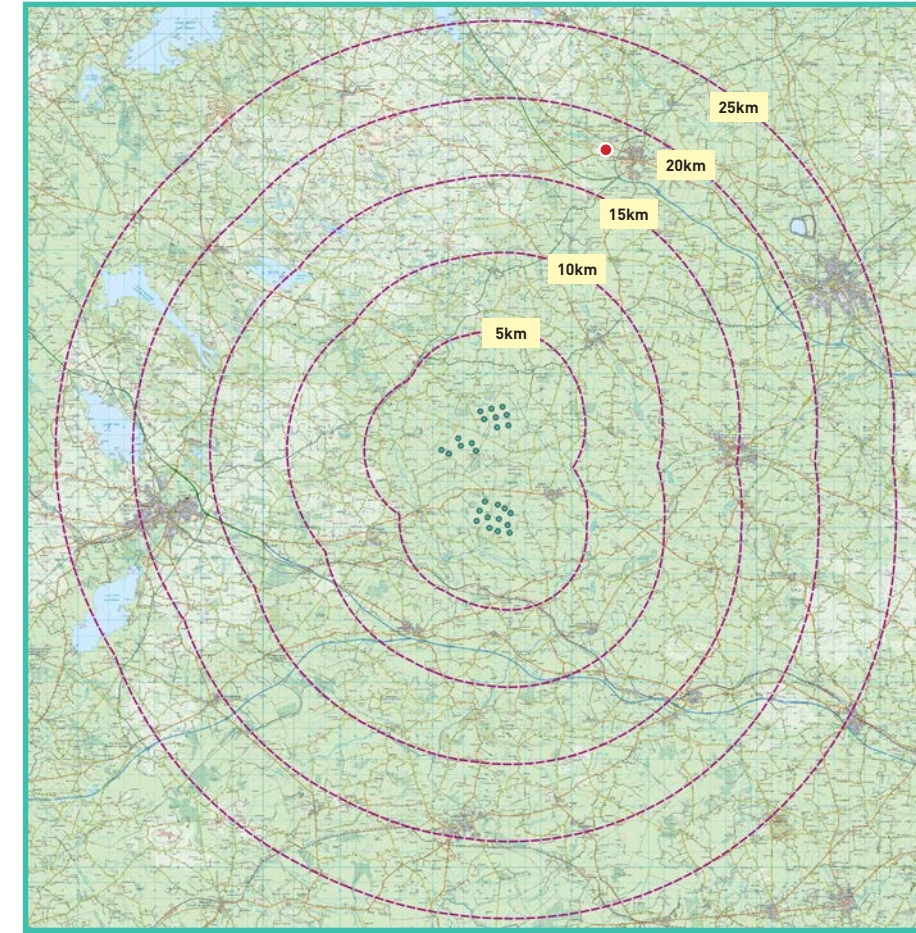
View Point 14

Commons of Lloyd

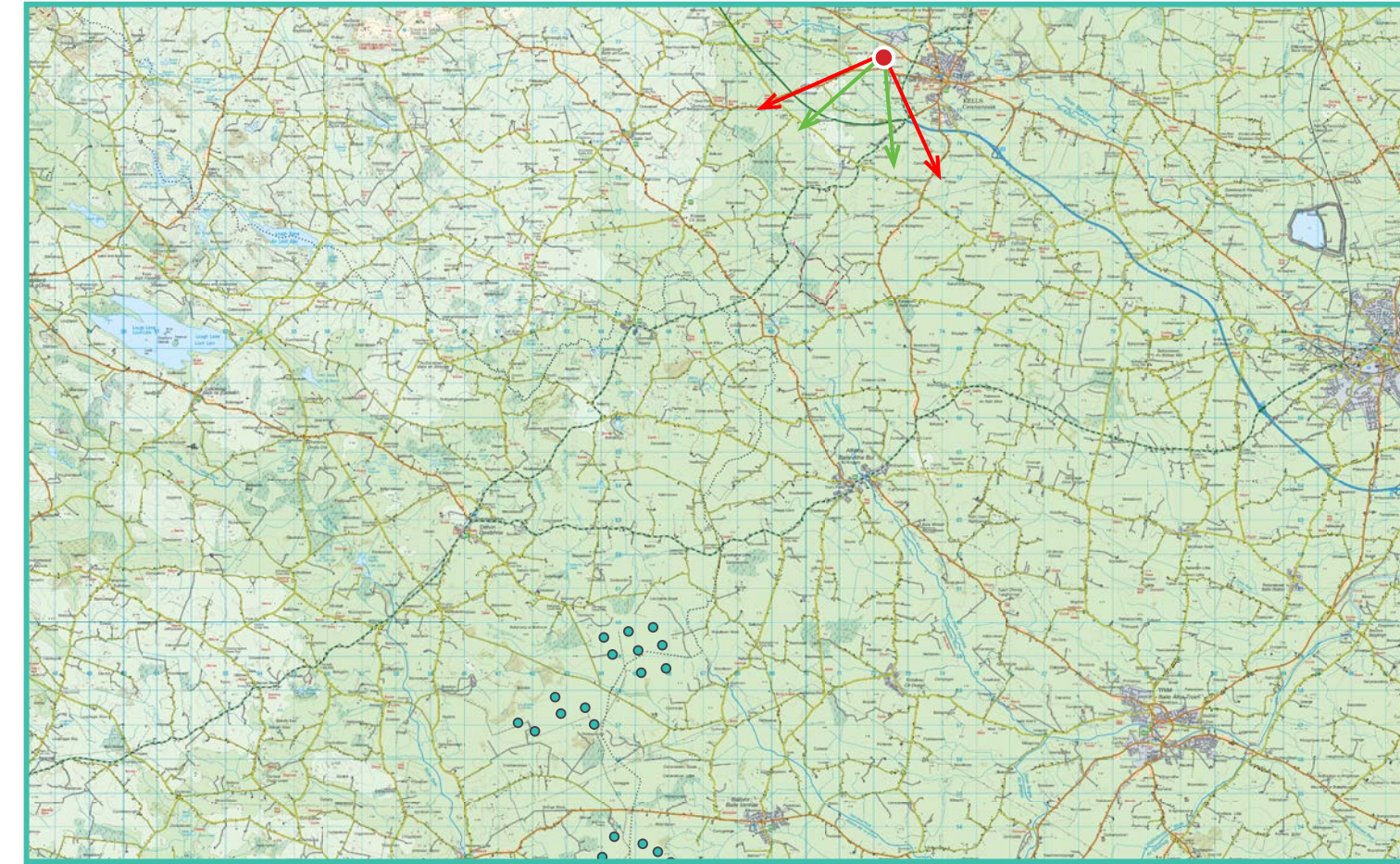
Photomontage 14

View from the Commons of Lloyd, designated as County Meath Scenic View V13, in the townland of the Commons of Lloyd, approximately 17.9 km north-east of the nearest turbine.

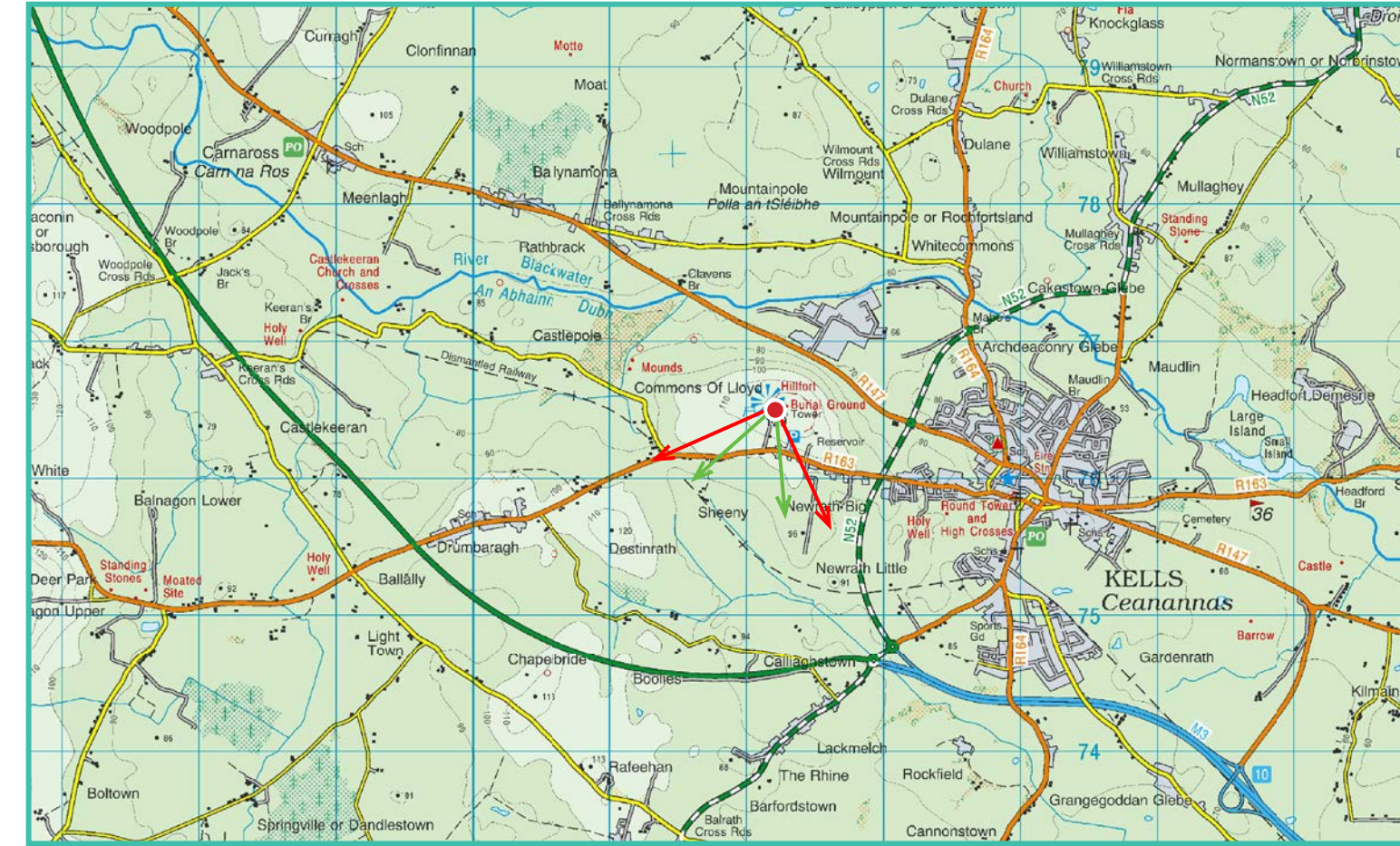
View point grid reference	E 672214 N 776482
Date of image taken	06/08/2020
Time of image taken	11:14am
View point elevation	121m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	201°
Horizontal extent of proposed turbines	14°
Distance to nearest proposed turbine	17.9km (t24)
Number of proposed turbines visible	26/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
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90° View Extent

Key Image at 120°

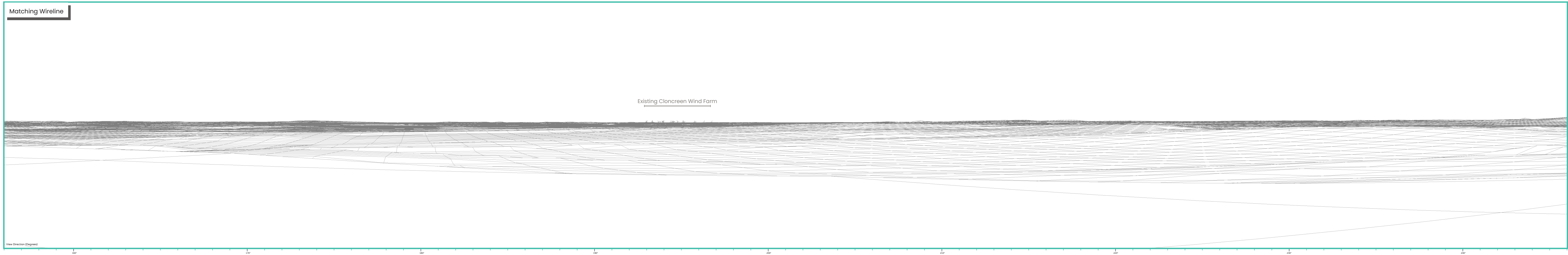


53.5° View Extent

Existing View at 90°



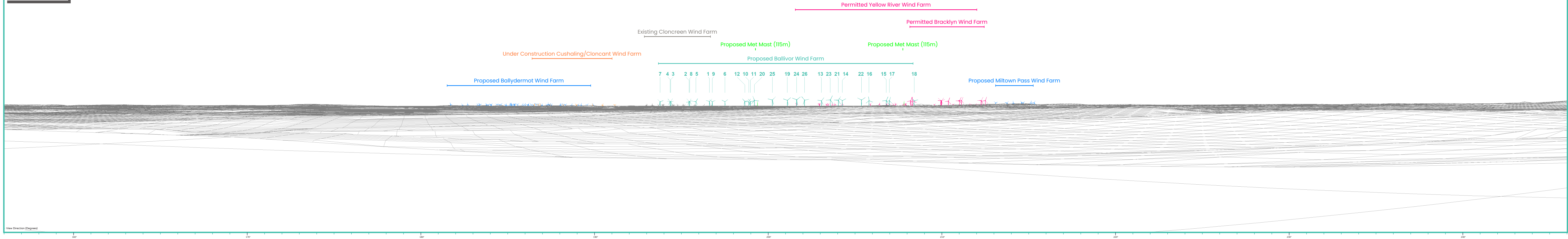
Matching Wireline



Proposed Photomontage with Cumulative at 90°

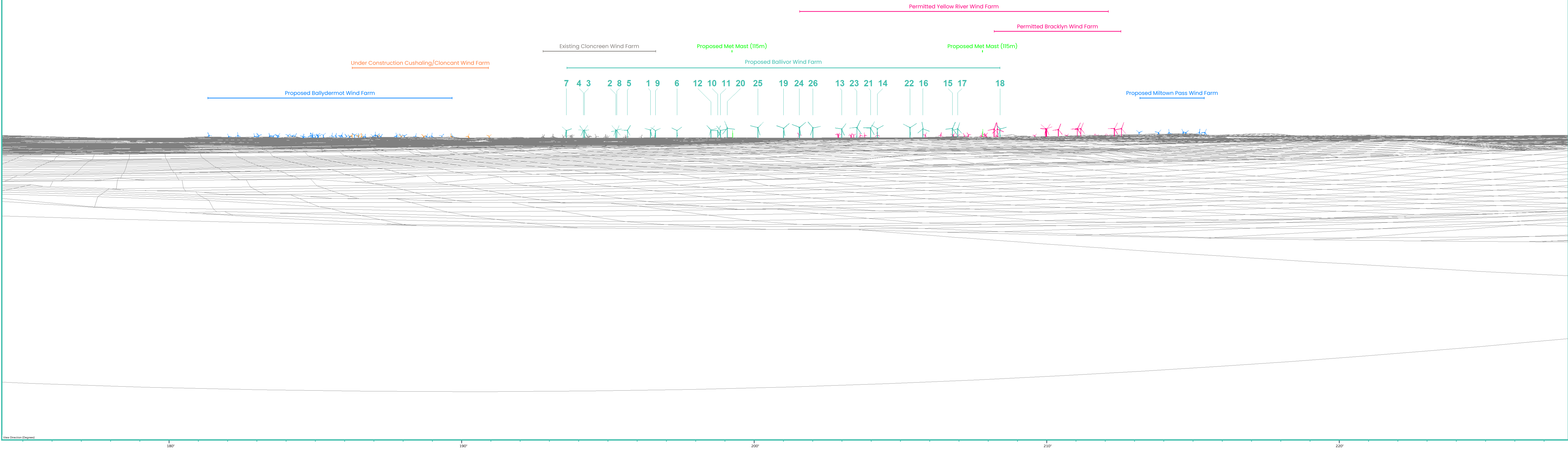


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





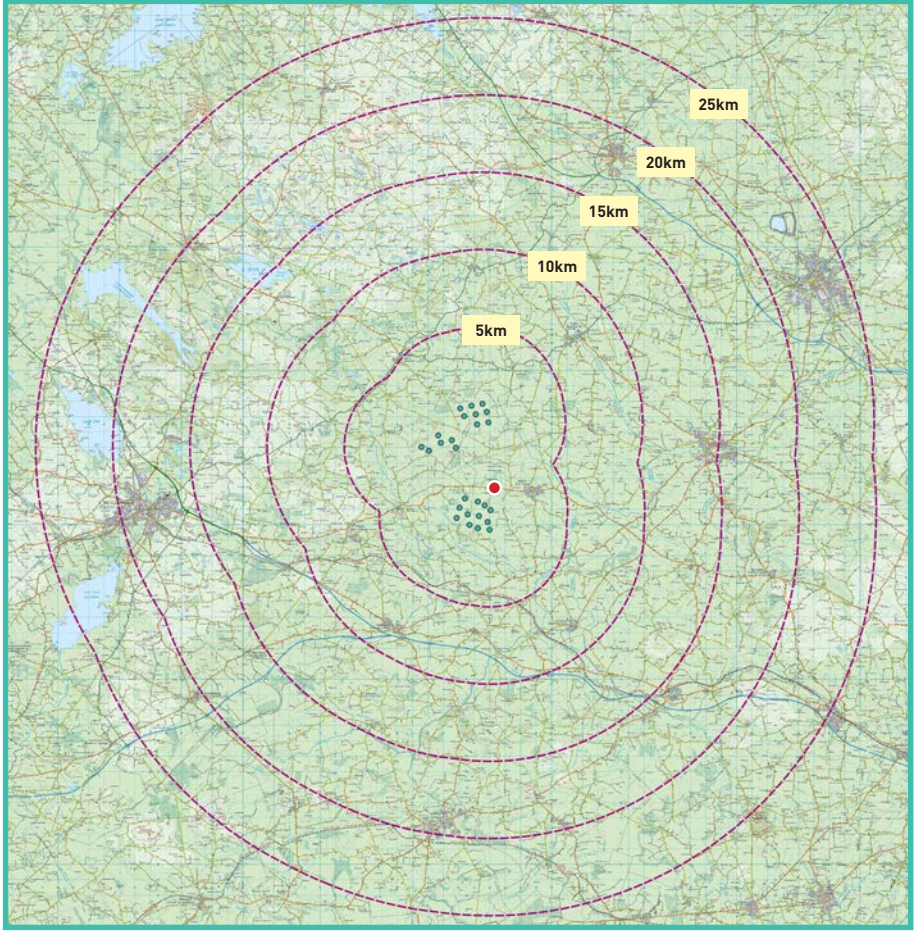
Robinstown

View Point 15

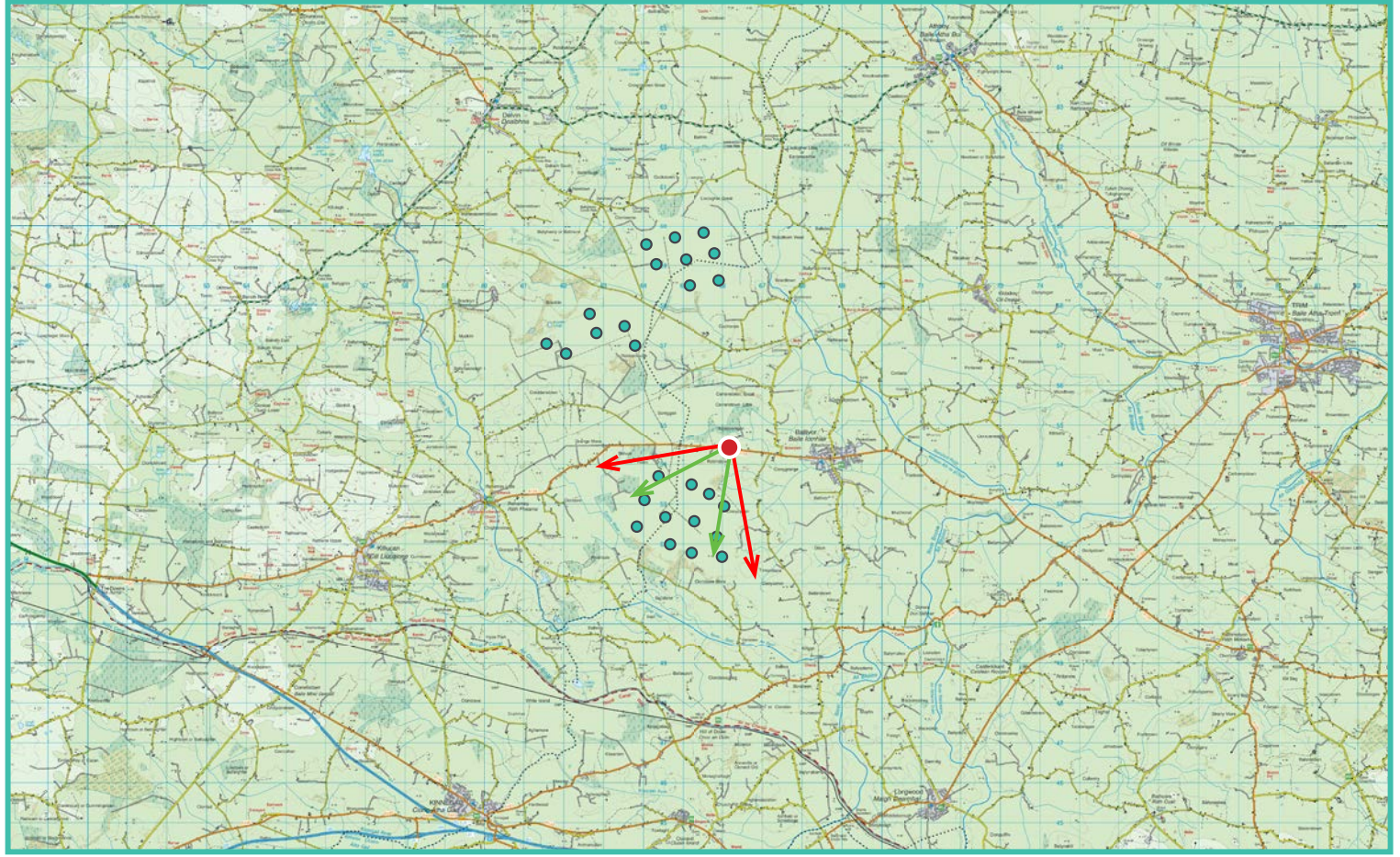
Photomontage 15

View from the R156 in the townland of Robinstown, approximately 1.34 km north-east of the nearest turbine.

View point grid reference	E 666181 N 754386
Date of image taken	28/07/2020
Time of image taken	10:22am
View point elevation	72m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	215°
Horizontal extent of proposed turbines	169°
Distance to nearest proposed turbine	1.34km (T2)
Number of proposed turbines visible	12/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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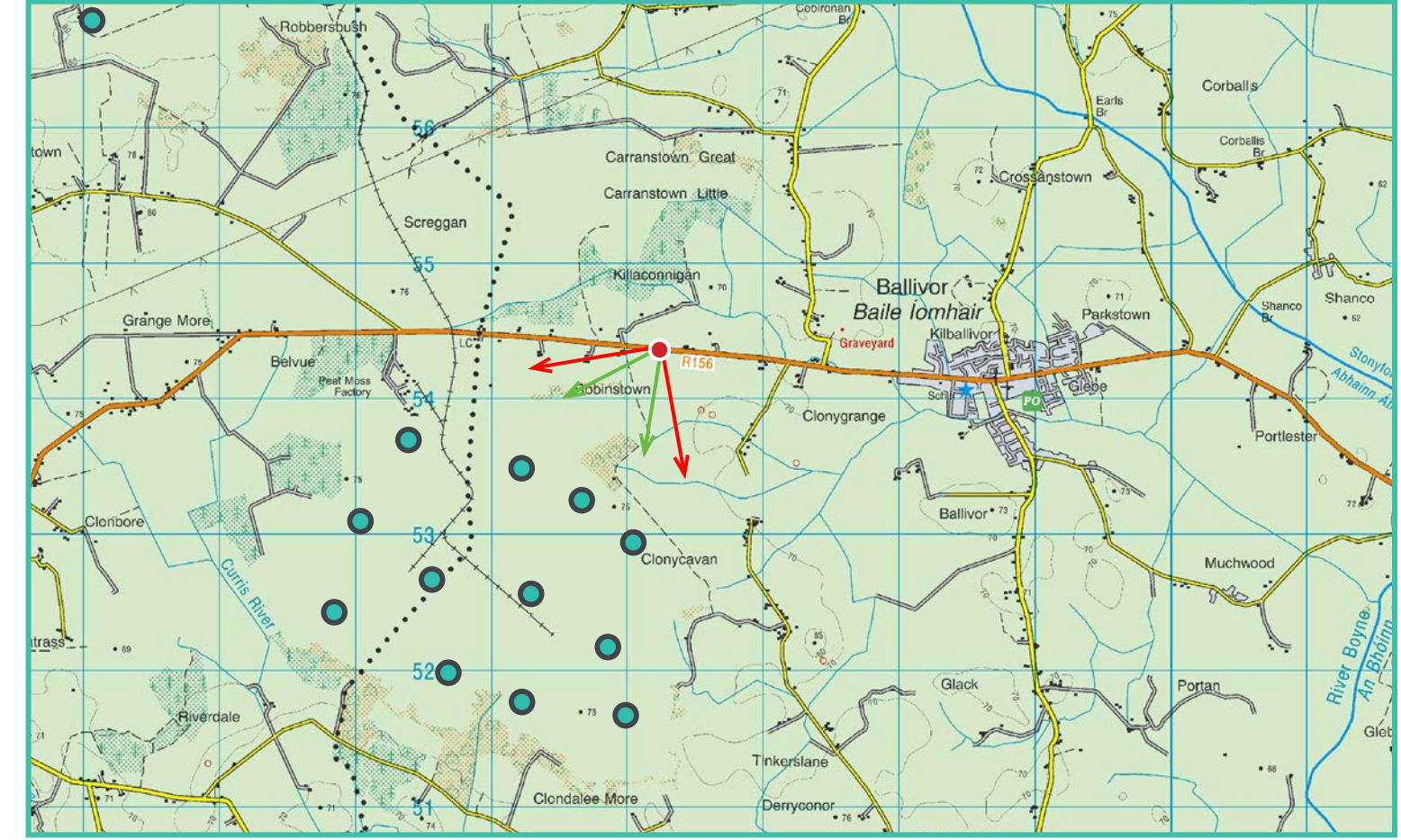


View point relative to 25km radius.



View point relative to wind farm site.

90° View Extent



Detail of view point location.

Map Legend

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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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Key Image at 120°

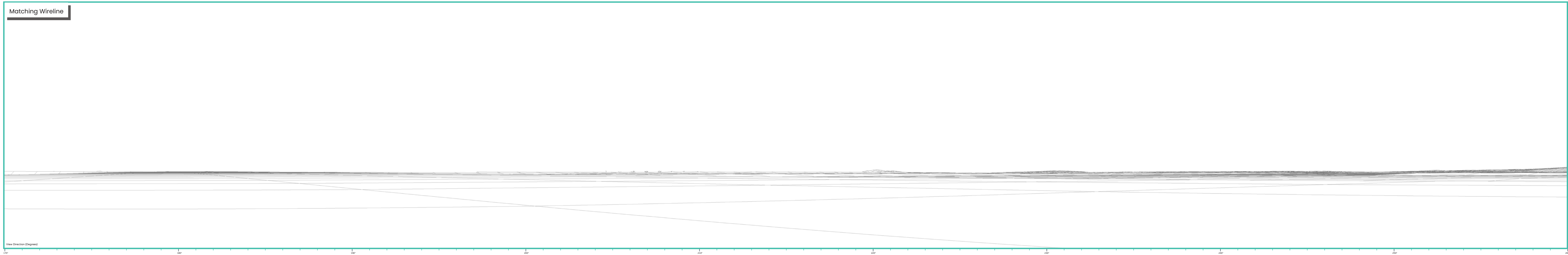


53.5° View Extent

Existing View at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



Matching Wireline

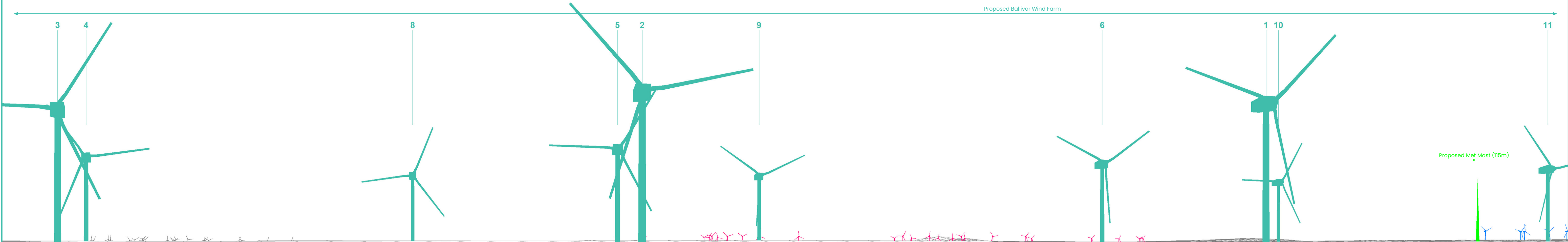
Existing Cloncreen Wind Farm

Permitted Yellow River Wind Farm

Proposed Miltown Pass Wind Farm

Proposed Ballivor Wind Farm

Proposed Met Mast (115m)



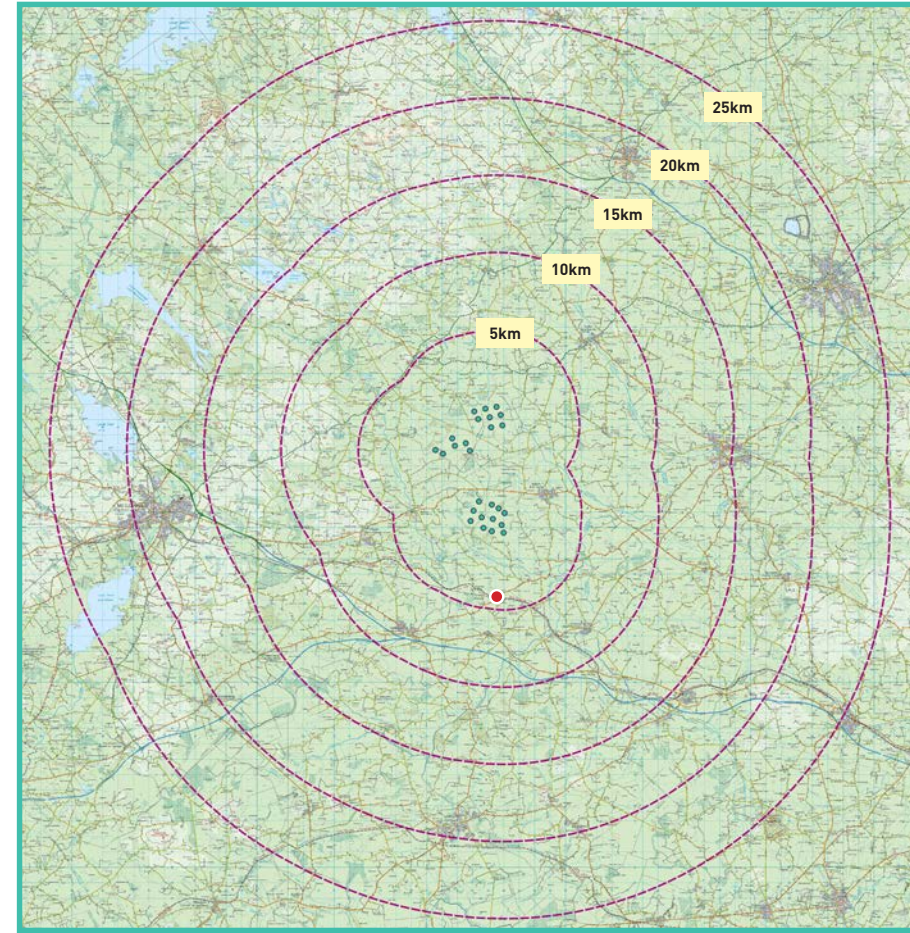
View Point 16

Molerick

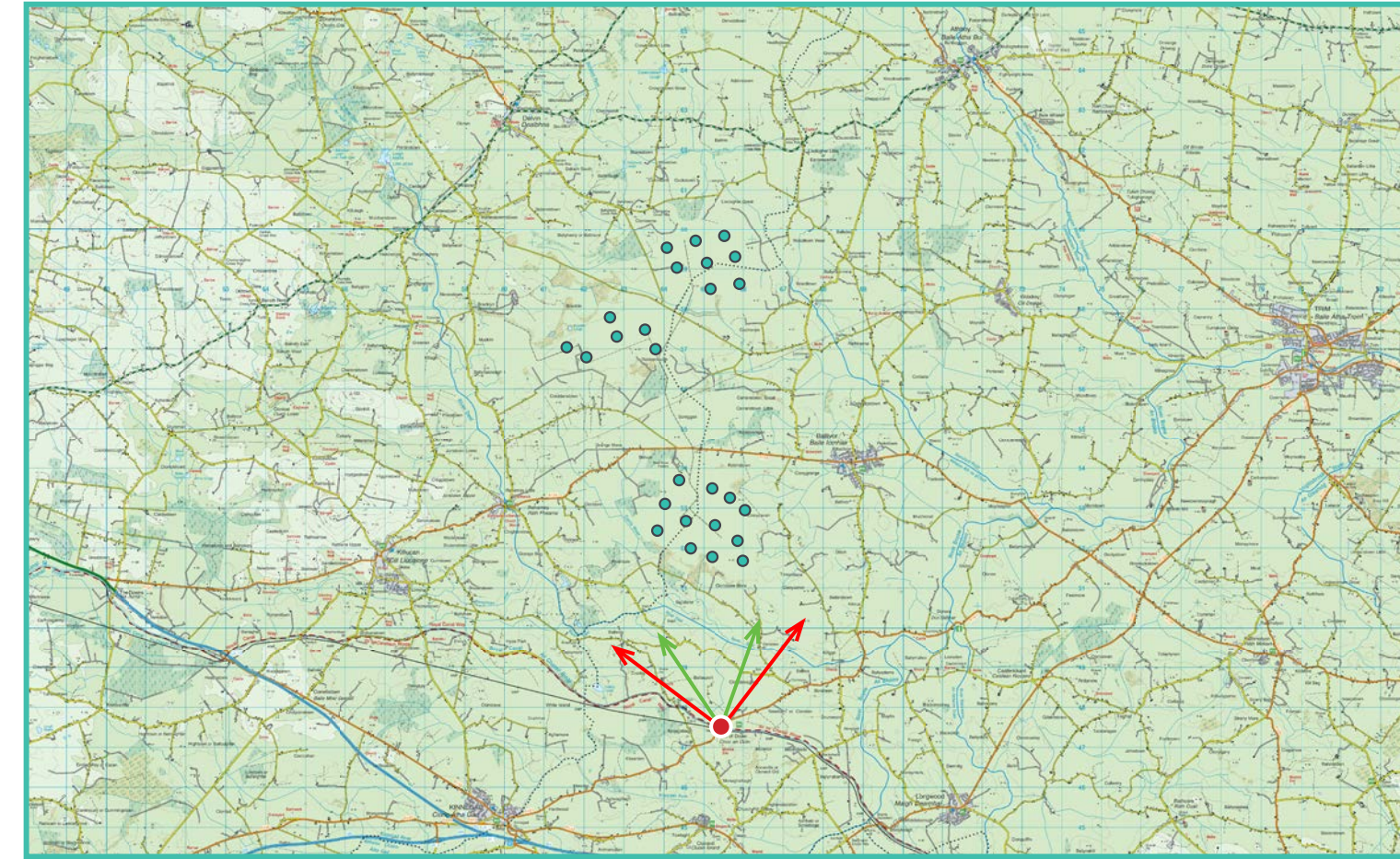
Photomontage 16

View from the R161 in the townland of Molerick, designated as County Meath scenic view V54, approximately 4.2 km south of the nearest turbine.

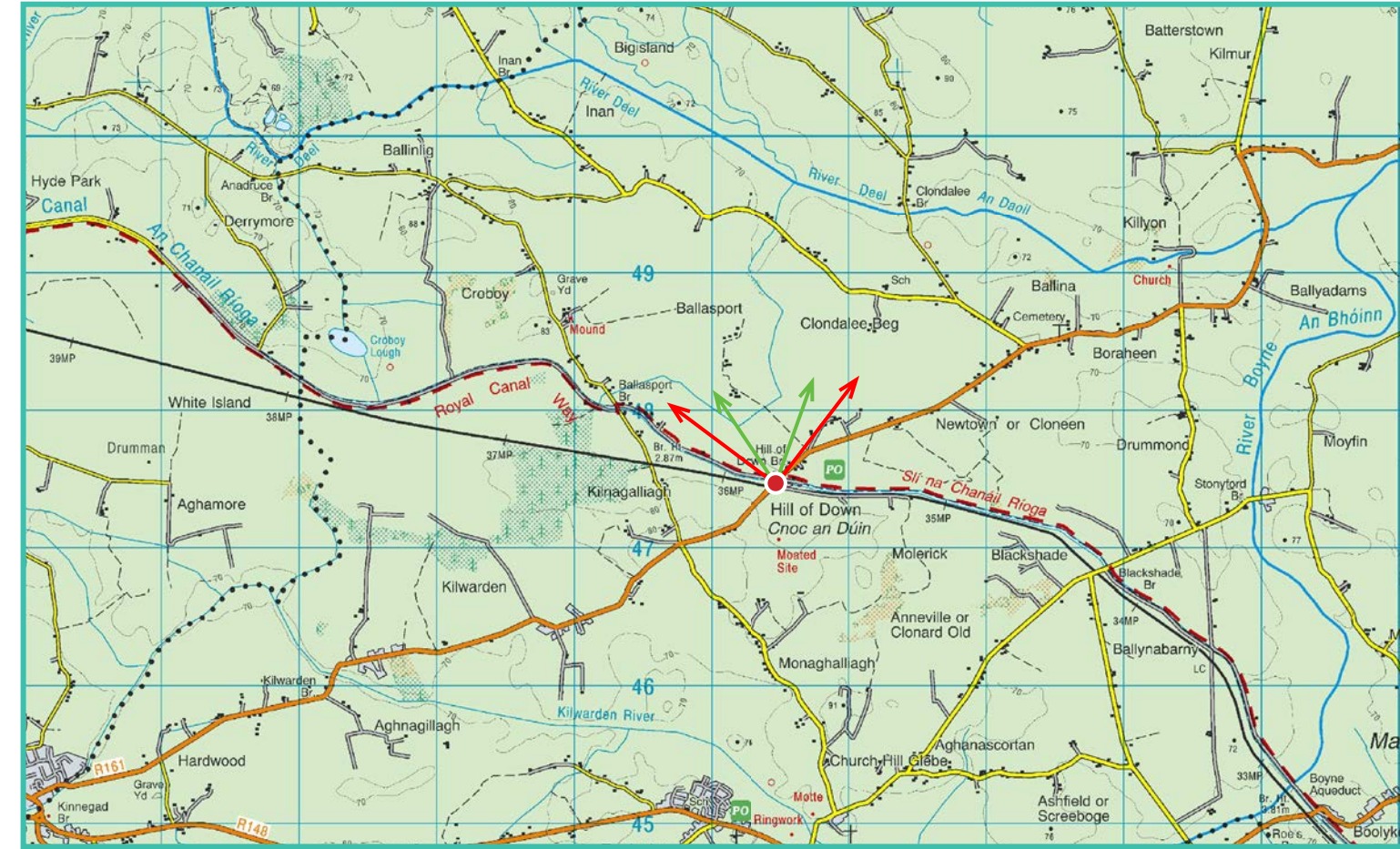
View point grid reference	E 665397 N 747501
Date of image taken	28/07/2020
Time of image taken	11:14am
View point elevation	78m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	352°
Horizontal extent of proposed turbines	29°
Distance to nearest proposed turbine	4.2km (17)
Number of proposed turbines visible	22/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

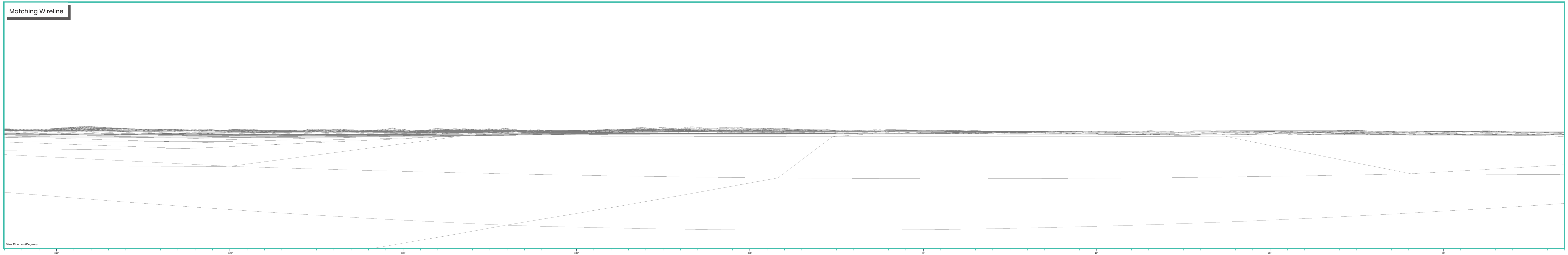


53.5° View Extent

Existing View at 90°



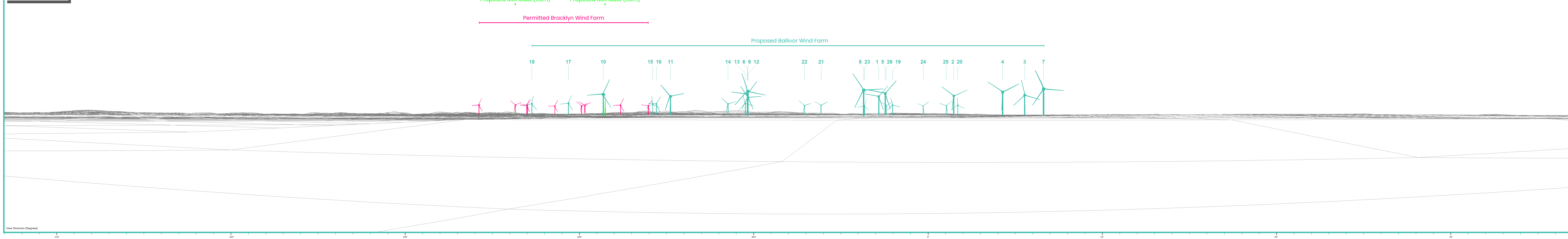
Matching Wireline



Proposed Photomontage with Cumulative at 90°

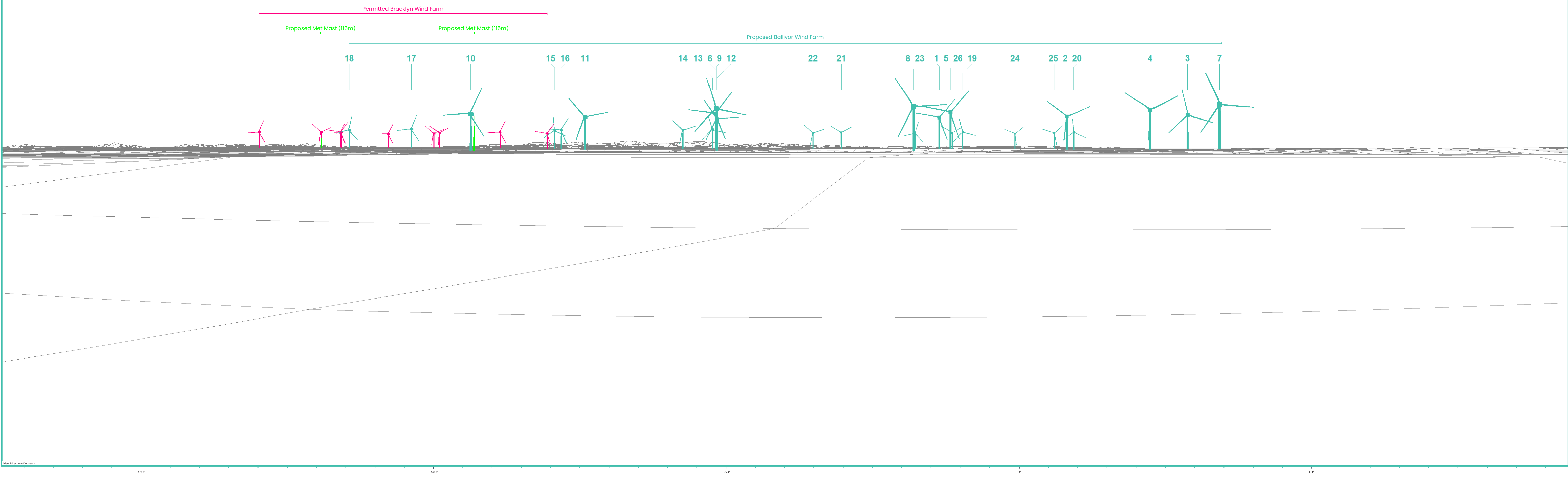


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



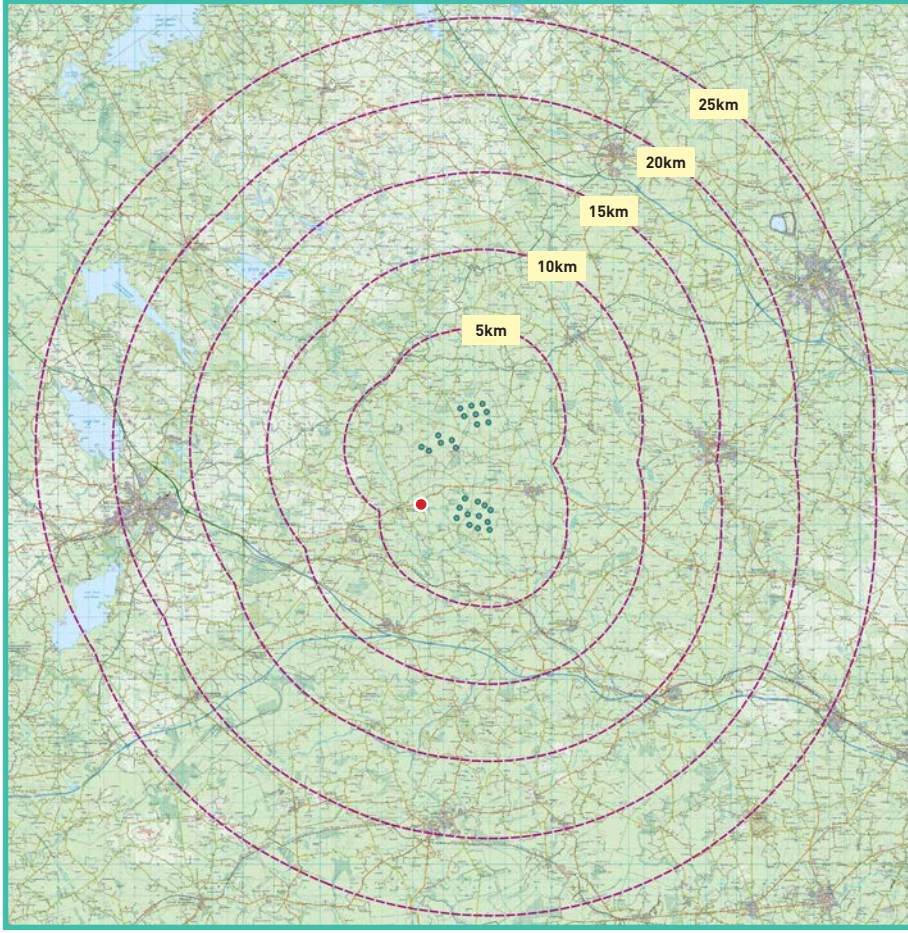


View Point 17 Grange More

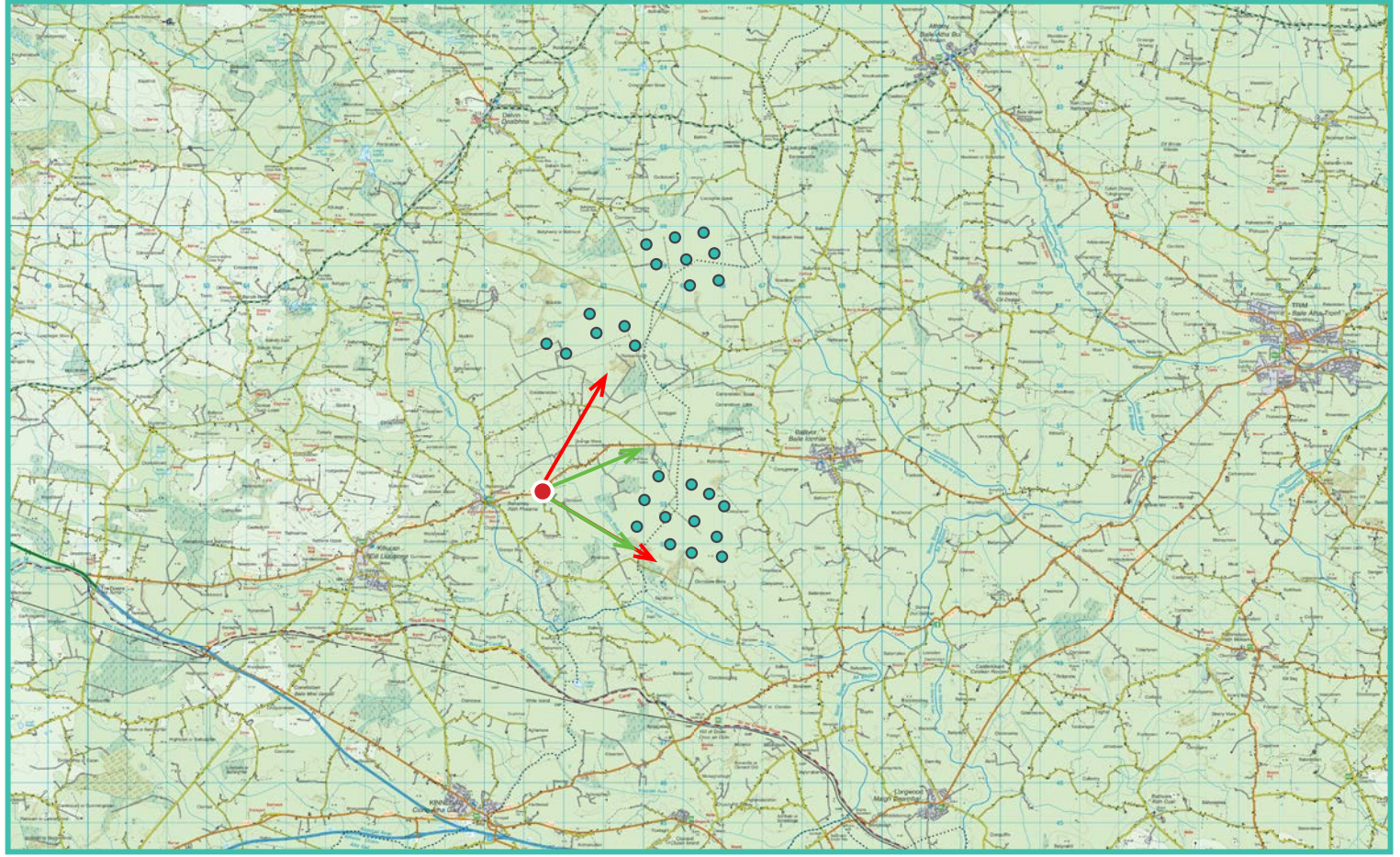
Photomontage 17

View from R156 in the townland of Grange More, approximately 2.4 km west of the nearest turbine.

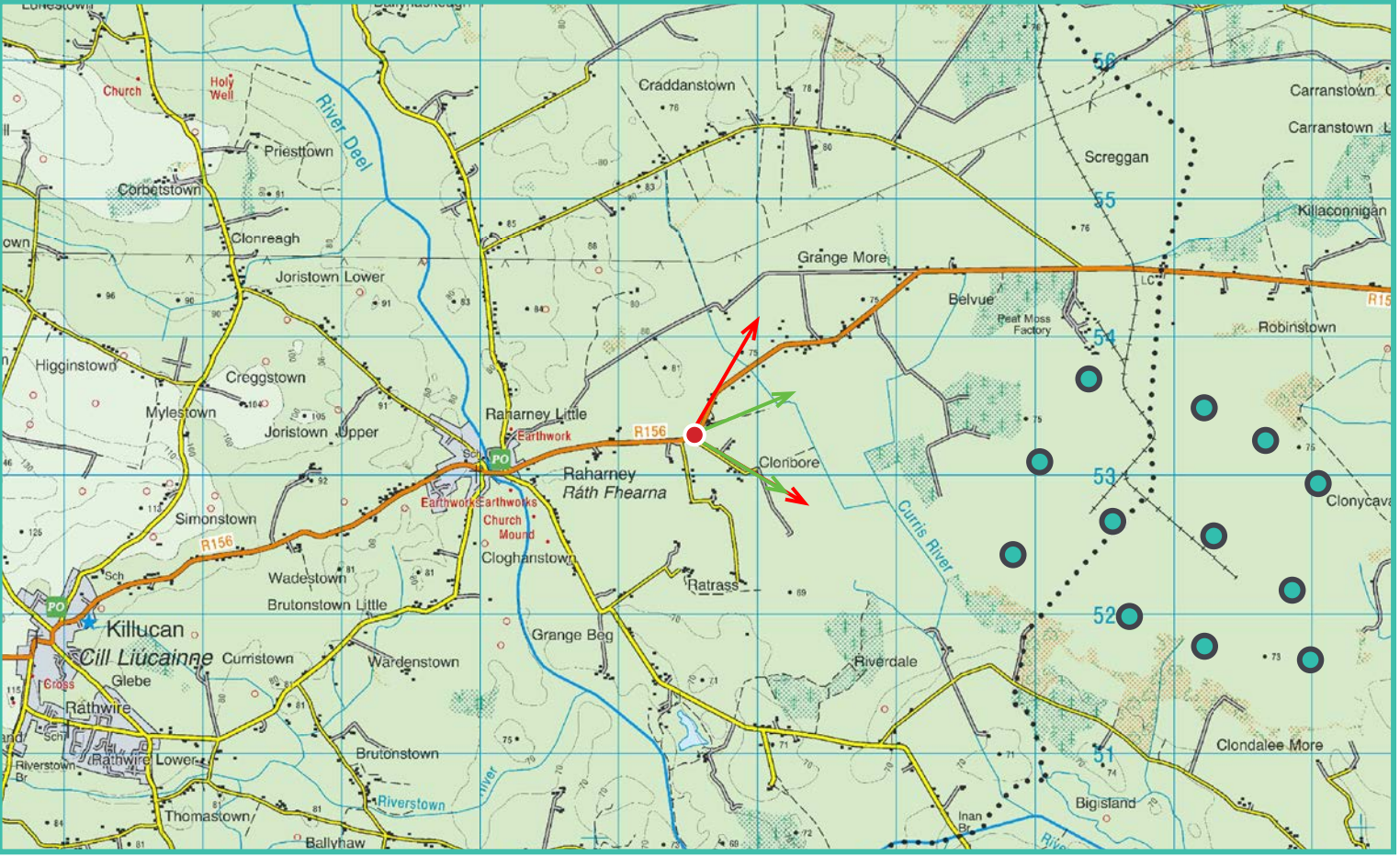
View point grid reference	E 661478 N 753319
Date of image taken	28/07/2020
Time of image taken	11:45am
View point elevation	75m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	75° / 95°
Horizontal extent of proposed turbines	111°
Distance to nearest proposed turbine	2.4km (T10)
Number of proposed turbines visible	12/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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View point relative to 25km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

- Area shown in 90° view (Red arrow)
- Area shown in 53.5° view (Green arrow)
- View Point (Red dot)

Wireline Legend

- Proposed Ballivor Wind Farm (Red line)
- Proposed Met Mast (115m) (Green line)
- Existing Wind Farms (Blue line)
- Permitted Wind Farms (Pink line)
- Other Proposed Wind Farms (Blue line)
- Under Construction Wind Farms (Orange line)

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 Website: www.mkofireland.ie



90° View Extent



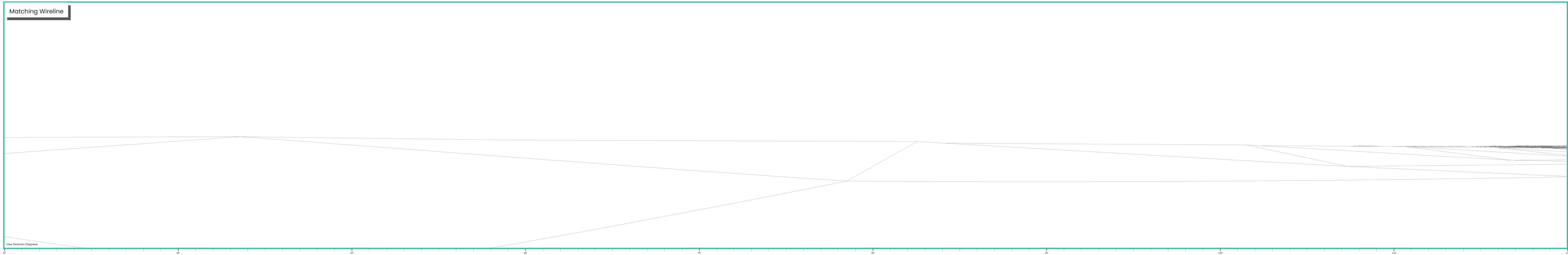
Key Image at 120°

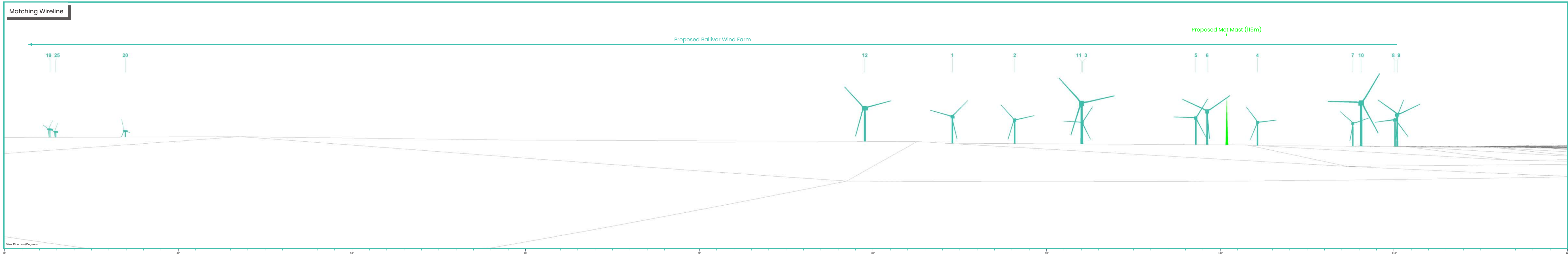
53.5° View Extent

Existing View at 90°



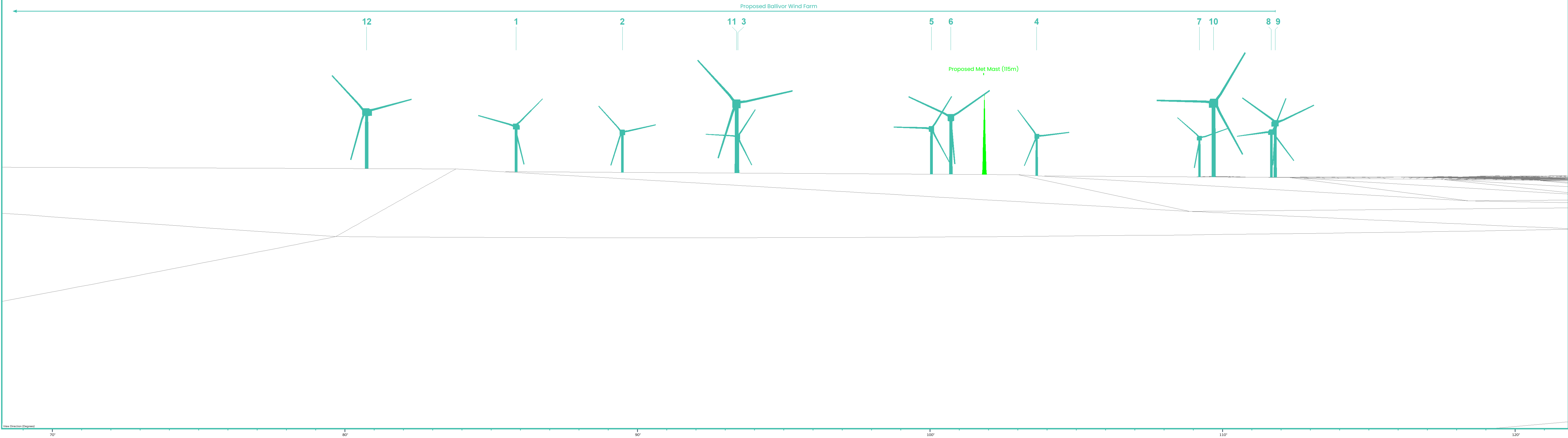
Matching Wireline





Proposed Photomontage with Cumulative at 53.5°





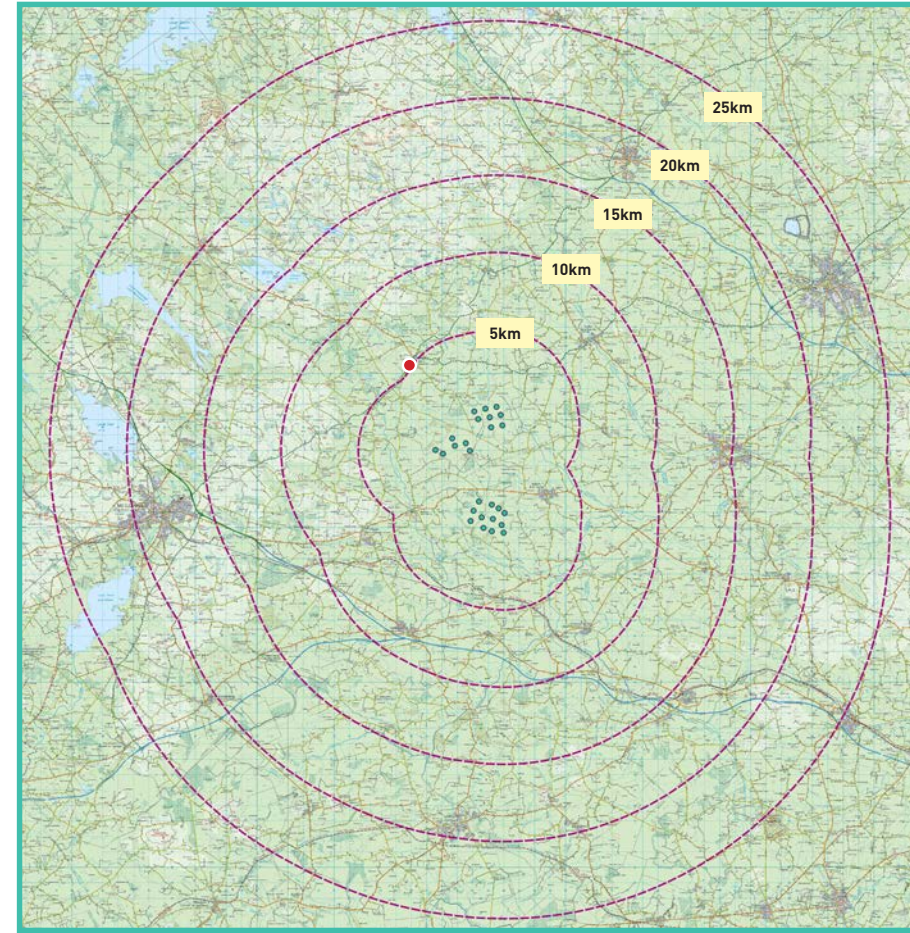
View Point 18

Clonyn

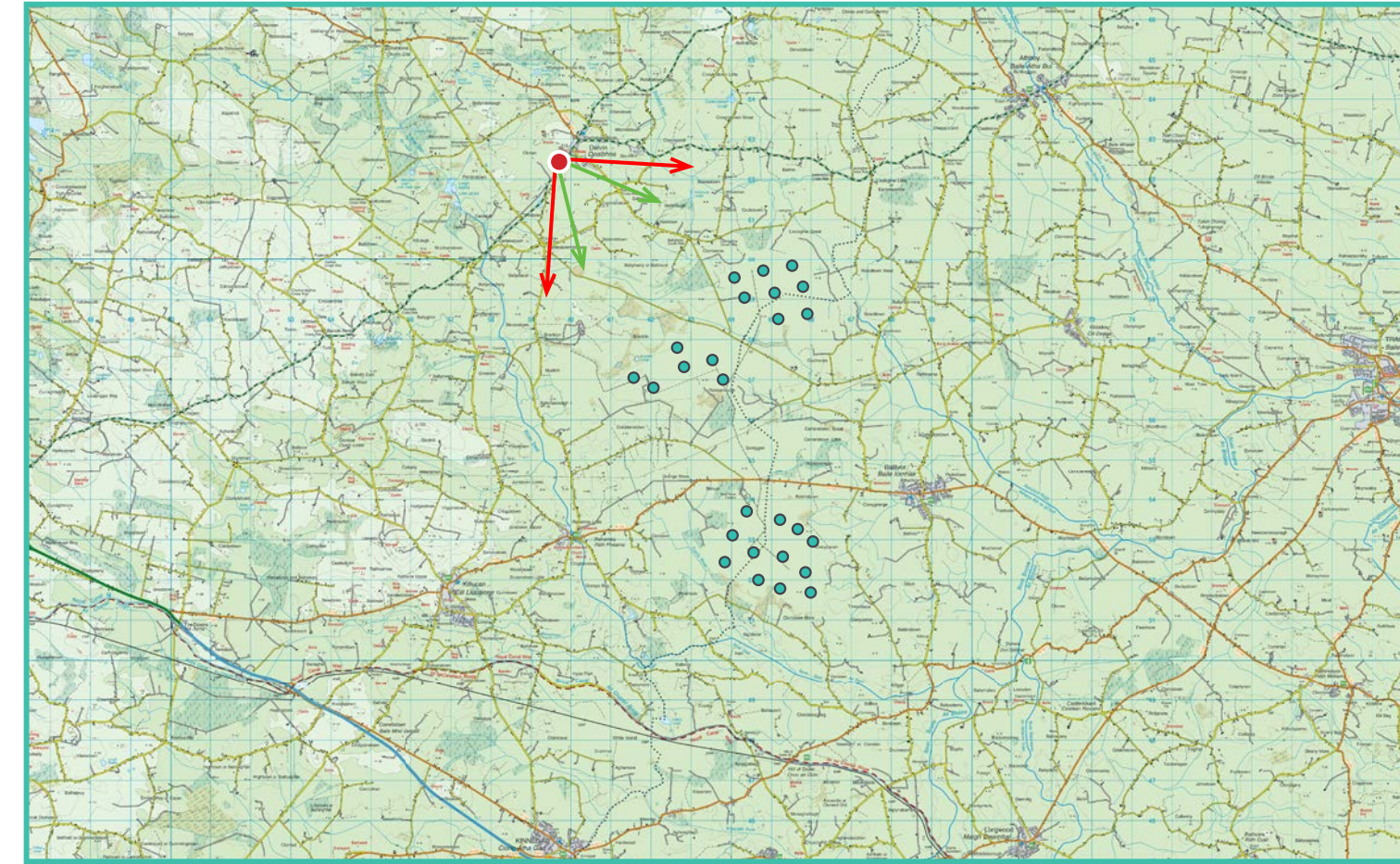
Photomontage 18

View from the N52 in the townland of Clonyn, approximately 5.4 km north-west of the nearest turbine.

View point grid reference	E 659731 N 762458
Date of image taken	28/07/2020
Time of image taken	1:18pm
View point elevation	95m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	138°
Horizontal extent of proposed turbines	48°
Distance to nearest proposed turbine	5.4km (T22)
Number of proposed turbines visible	14/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

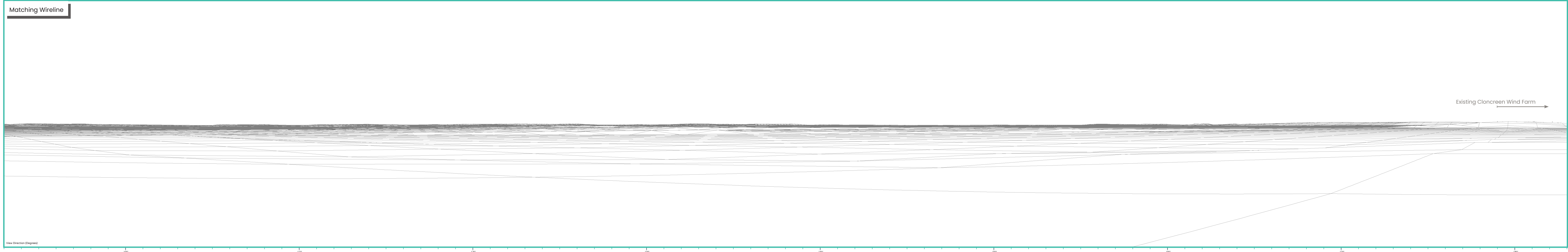


53.5° View Extent

Existing View at 90°



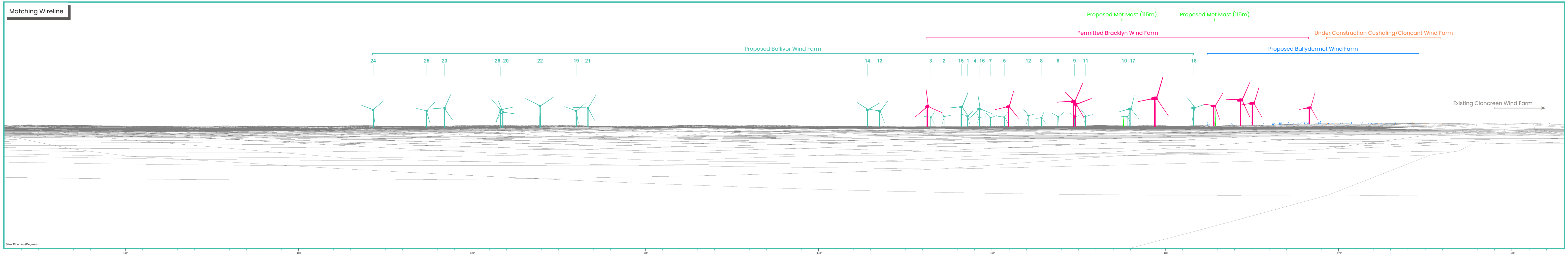
Matching Wireline



Proposed Photomontage with Cumulative at 90°

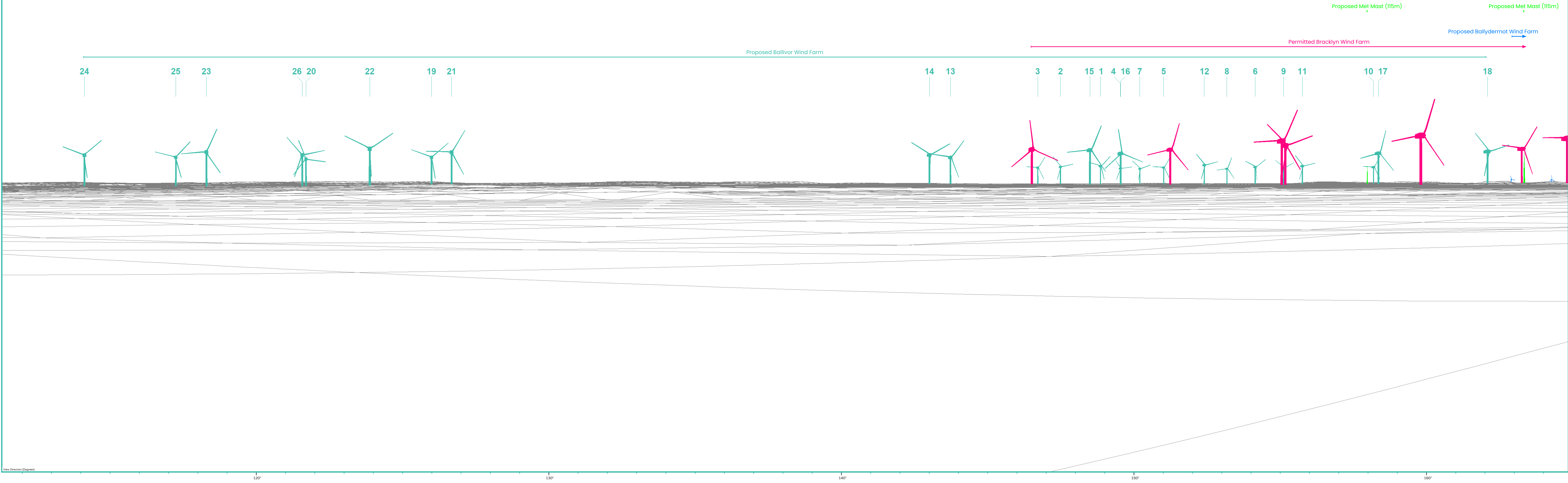


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°

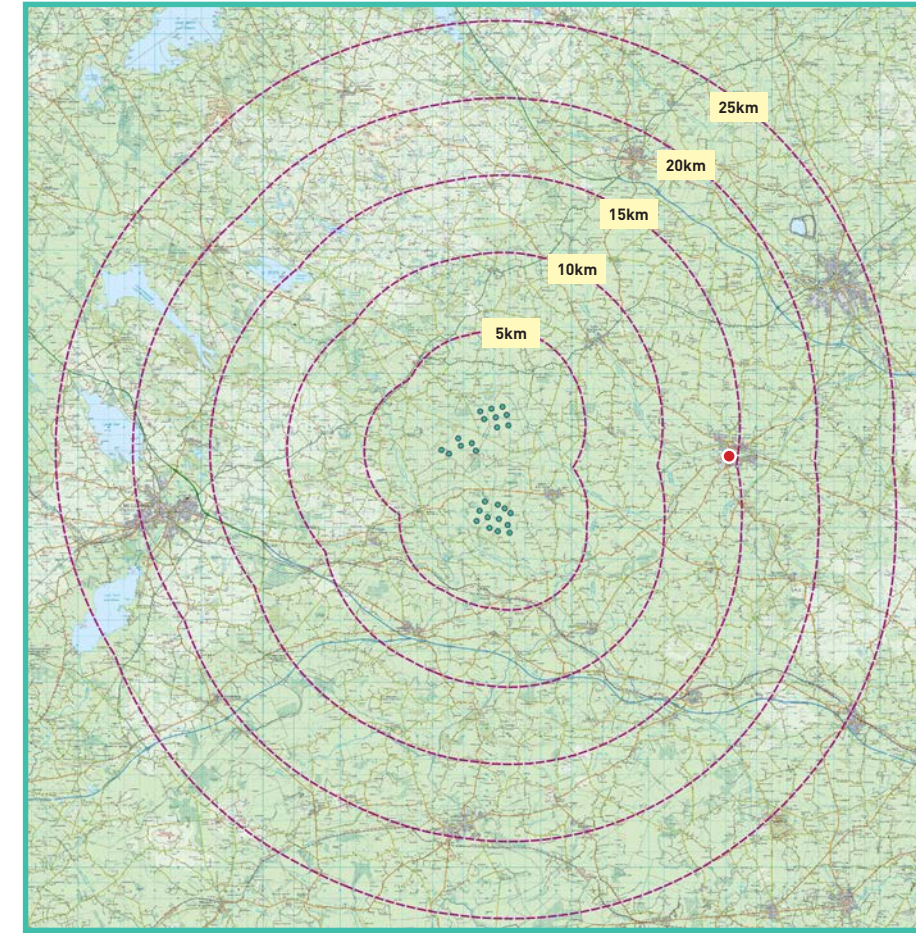




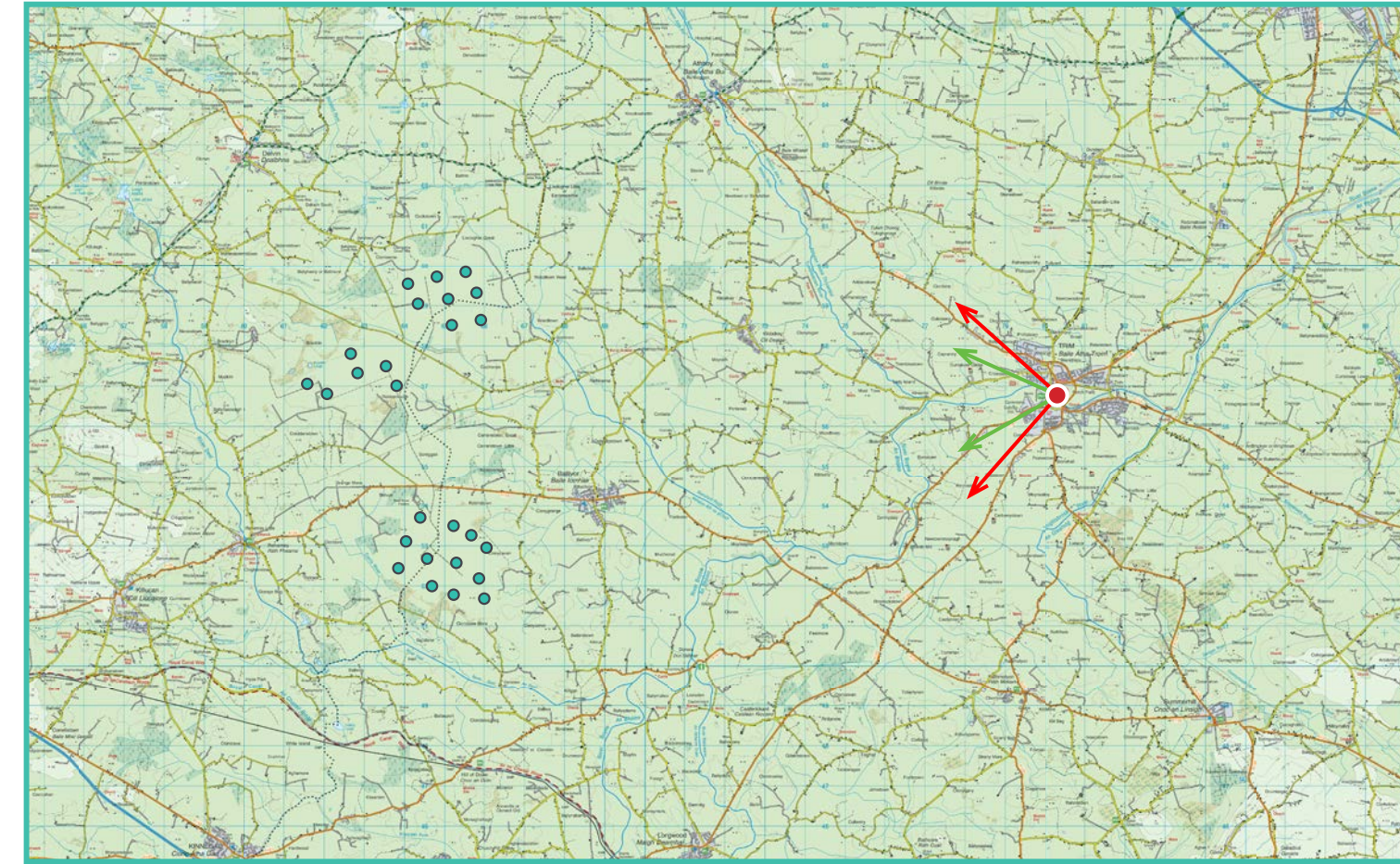
Photomontage 19

View from the local road in the townland of xxxxxxxx, approximately xx.x kilometres xxx of the nearest turbine.

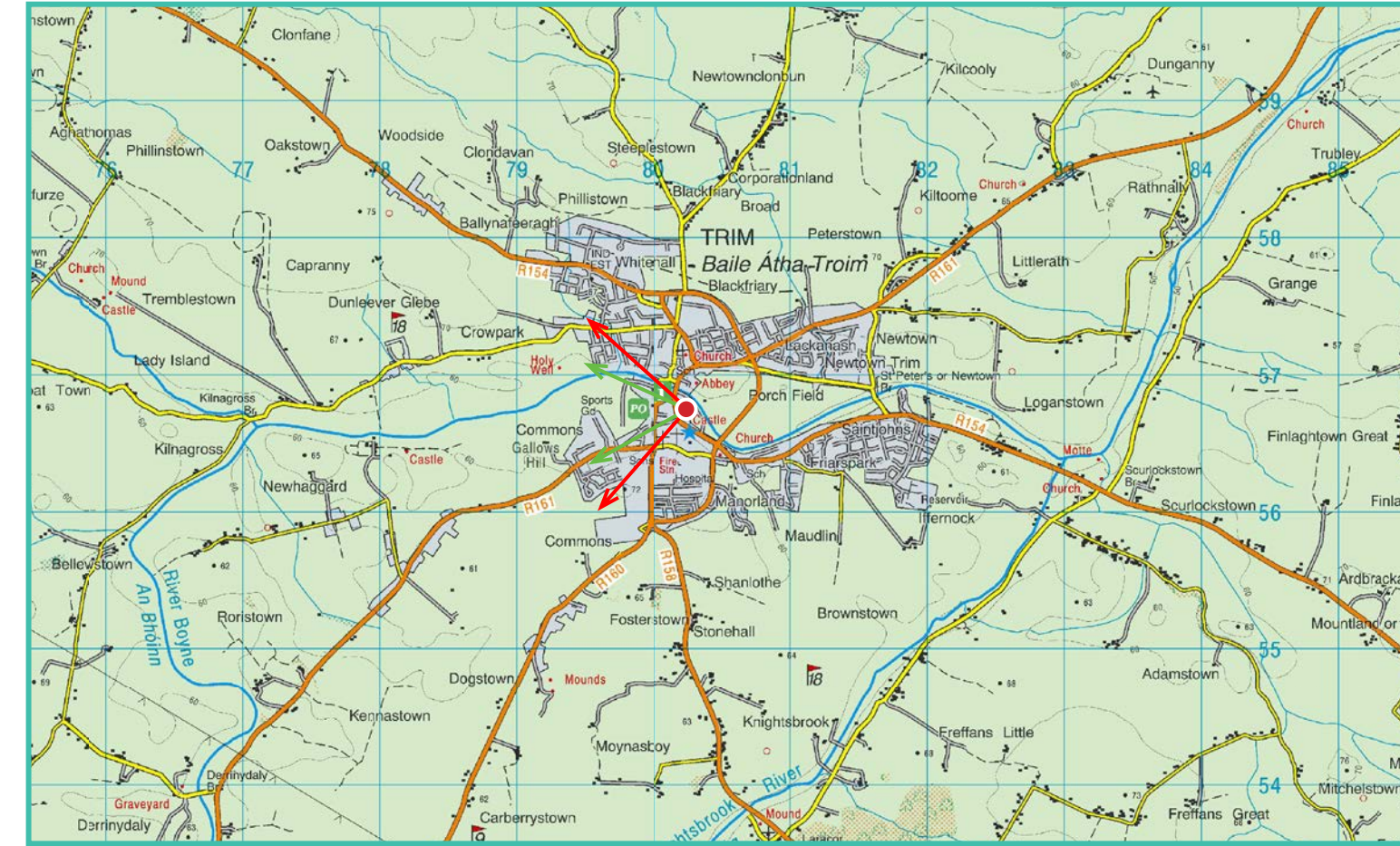
View point grid reference	E 680187 N 756721
Date of image taken	23.02.2023
Time of image taken	11.42
View point elevation	57m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	266°
Horizontal extent of proposed turbines	31°
Distance to nearest proposed turbine	5.4km (T22)
Number of proposed turbines visible	26/26
Turbine Hub Height	115m
Turbine Tip Height	200m
Turbine Rotor Diameter	170m
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.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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View point relative to 25km 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

Wireline Legend

- Proposed Ballivor Wind Farm
- Proposed Met Mast (115m)
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Under Construction Wind Farms

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90° View Extent

Key Image at 120°

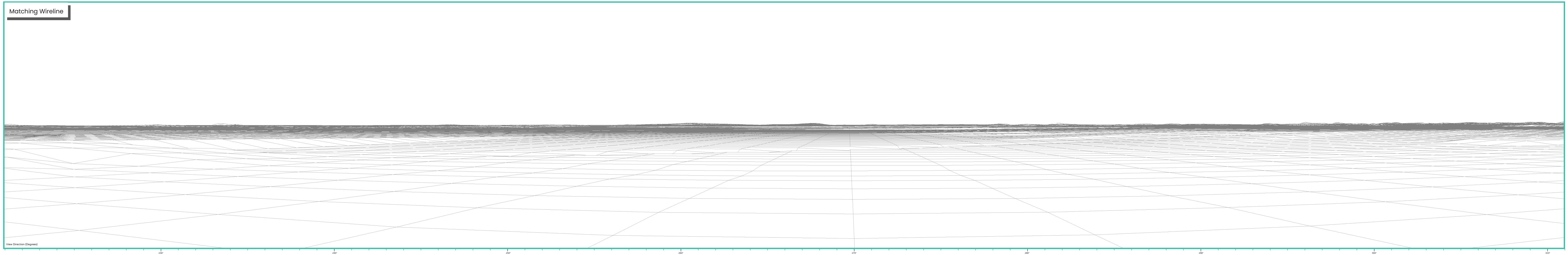


53.5° View Extent

Existing View at 90°



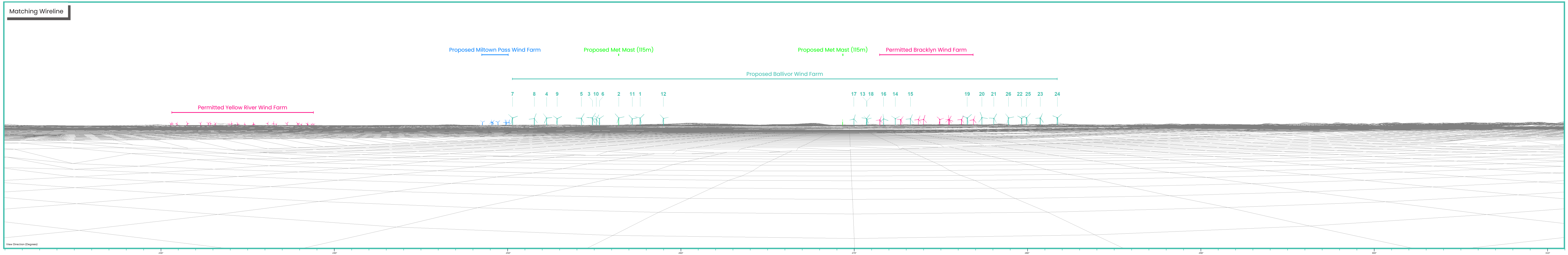
Matching Wireline



Proposed Photomontage with Cumulative at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



