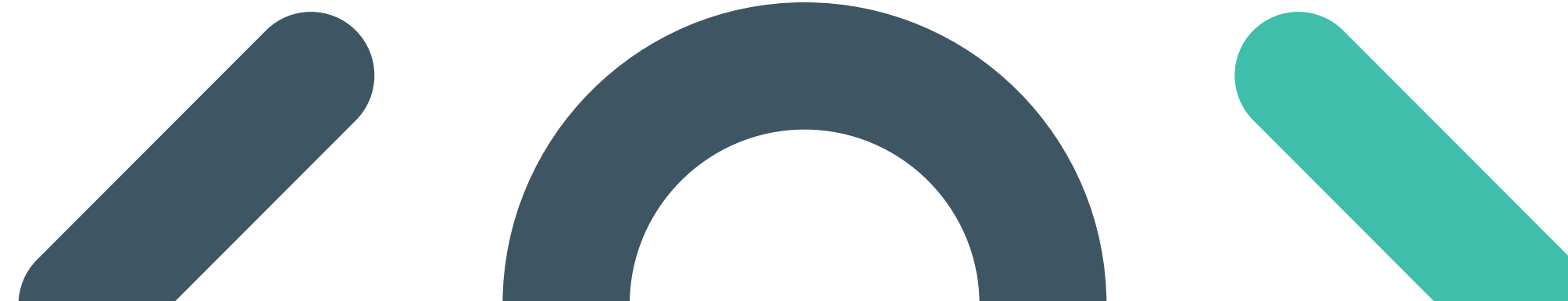


Proposed Kilgarvan Repowering
Community Consultation

PHOTOMONTAGE BOOKLET



View Point A

N22 National Road

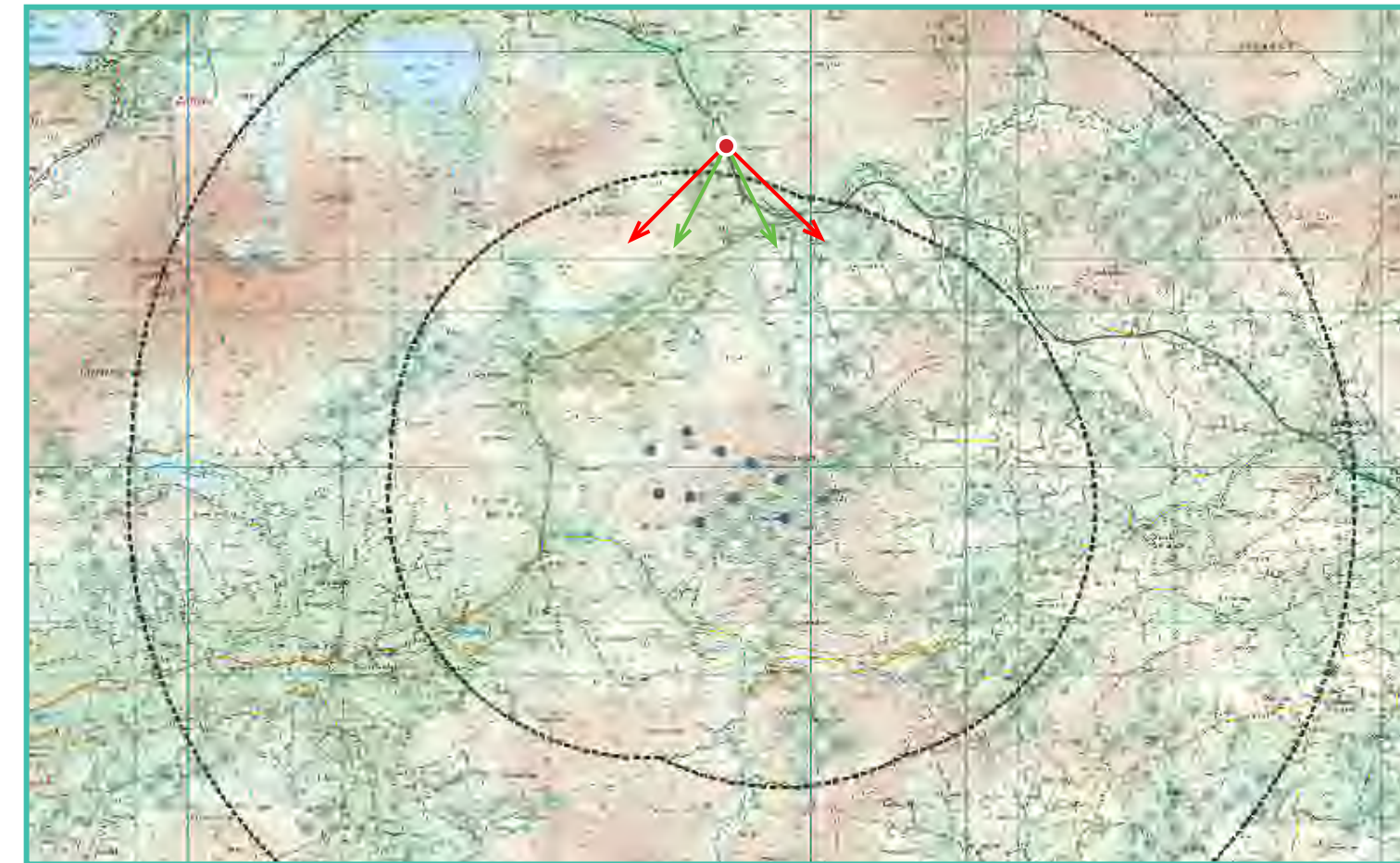
Photomontage A

View Point: View from the N22 National Road approximately 5.6 kilometres north of the nearest turbine.

View point grid reference	508437(E); 582919(N)
Date of image taken	31.03.2022
Time of image taken	09:22
View point elevation	70m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	180°
Horizontal extent of proposed turbines	31°
Distance to nearest proposed turbine	5.6km (T6)
Number of proposed turbines visible	8/11
Turbine Hub Height	118.5m
Turbine Tip Height	200m
Turbine Rotor Diameter	163m
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

Wireline Legend

- Proposed Kilgarvan Wind Farm Repowering
- Existing Wind Farm
- Other Proposed Wind Farm

Prepared by

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



90° View Extent

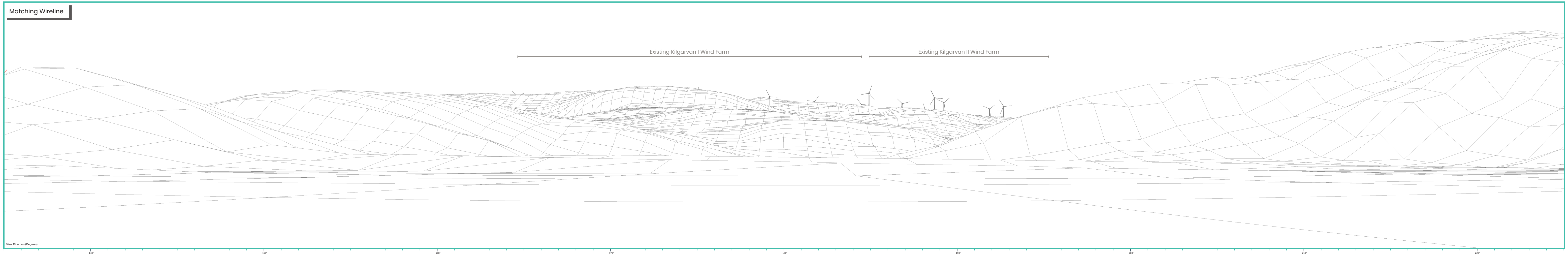


53.5° View Extent

Existing View at 90°



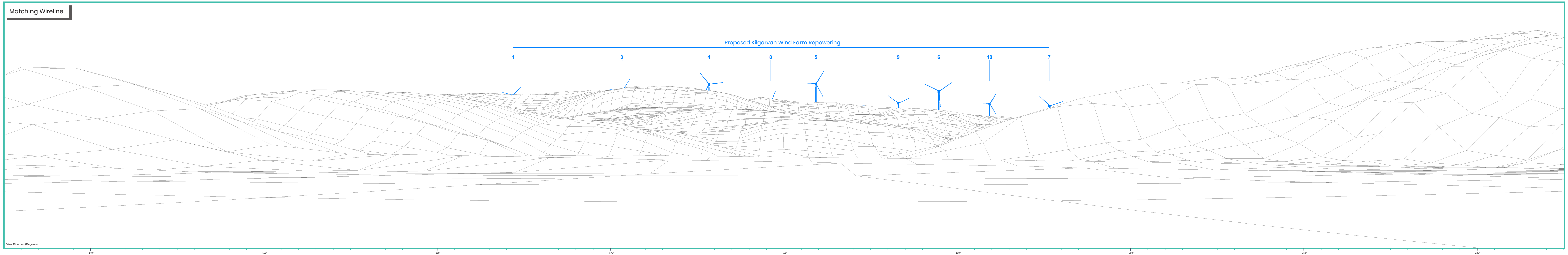
Matching Wireline



Proposed Photomontage with Cumulative at 90°



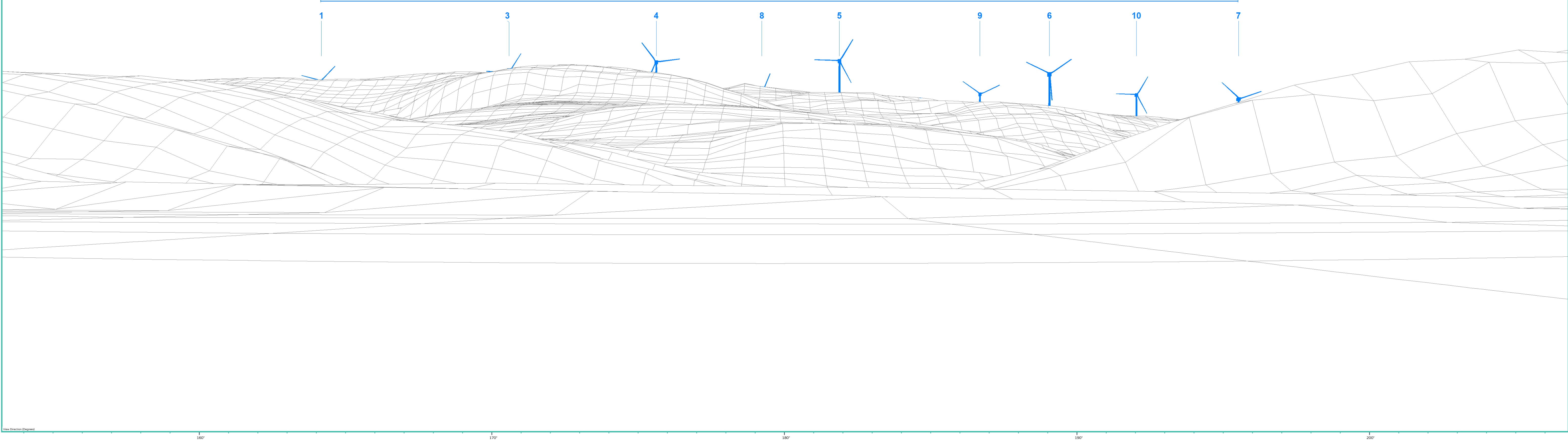
Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



Proposed Kilgarvan Wind Farm Repowering



View Point B

Milleeny

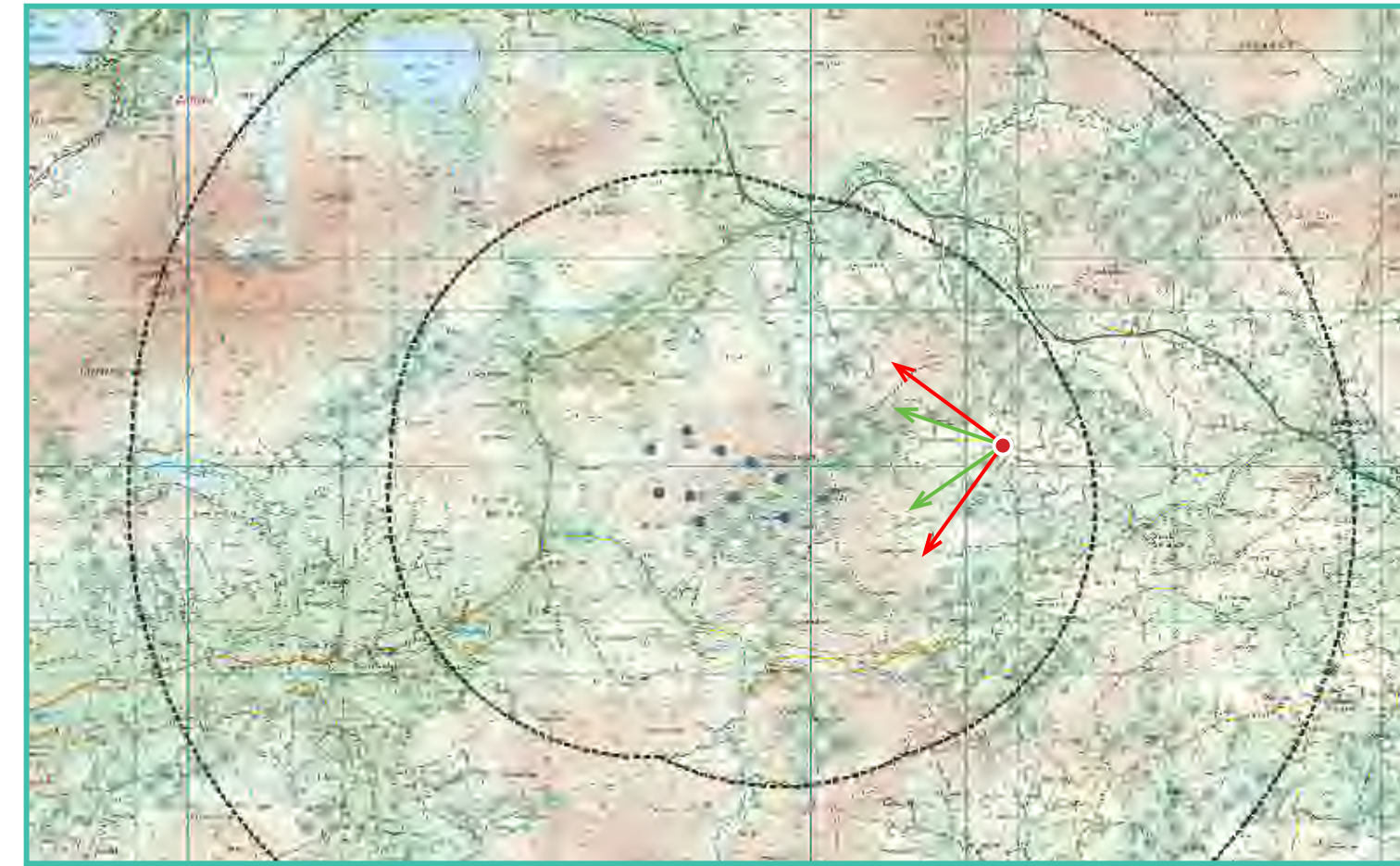
Photomontage B

View Point: View from a Milleeny approximately 3.6 kilometres east of the nearest turbine.

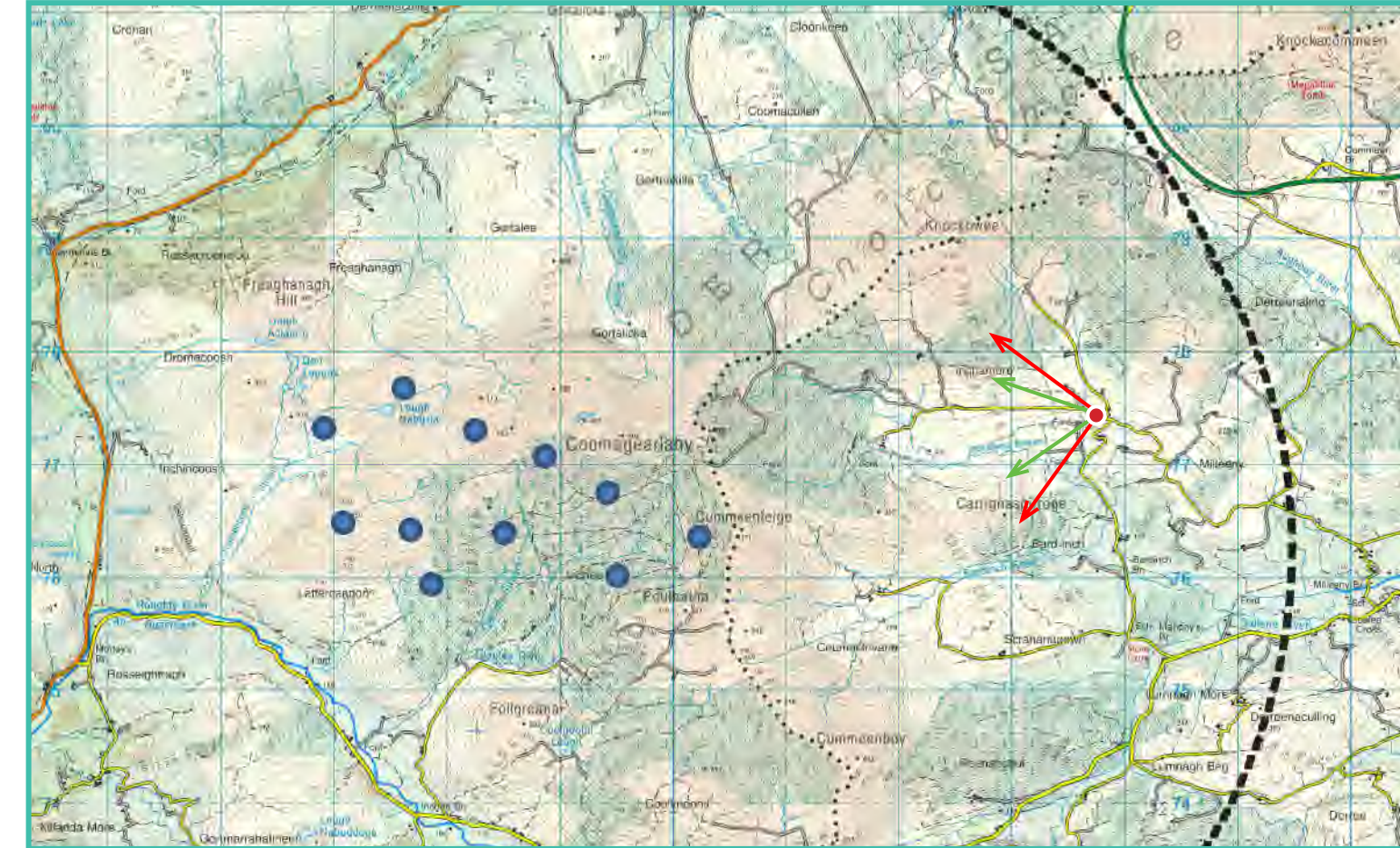
View point grid reference	513682(E); 577485(N)
Date of image taken	31.03.2022
Time of image taken	10:02
View point elevation	240m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	262°
Horizontal extent of proposed turbines	21°
Distance to nearest proposed turbine	3.6km (T1)
Number of proposed turbines visible	4/11
Turbine Hub Height	118.5m
Turbine Tip Height	200m
Turbine Rotor Diameter	163m
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

Wireline Legend

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90° View Extent

Key Image at 120°

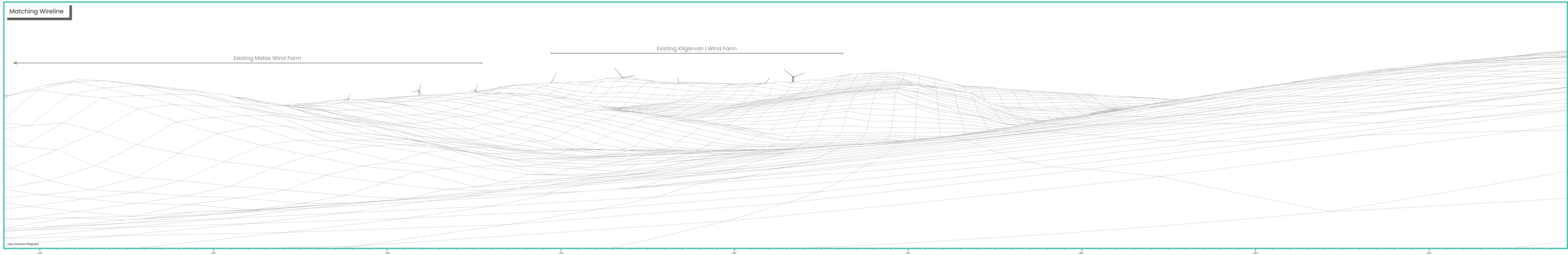


53.5° View Extent

Existing View at 90°



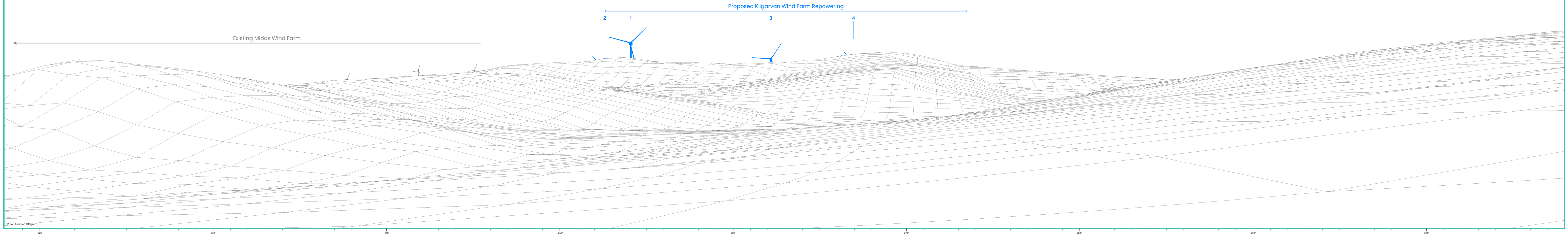
Matching Wireline



Proposed Photomontage with Cumulative at 90°

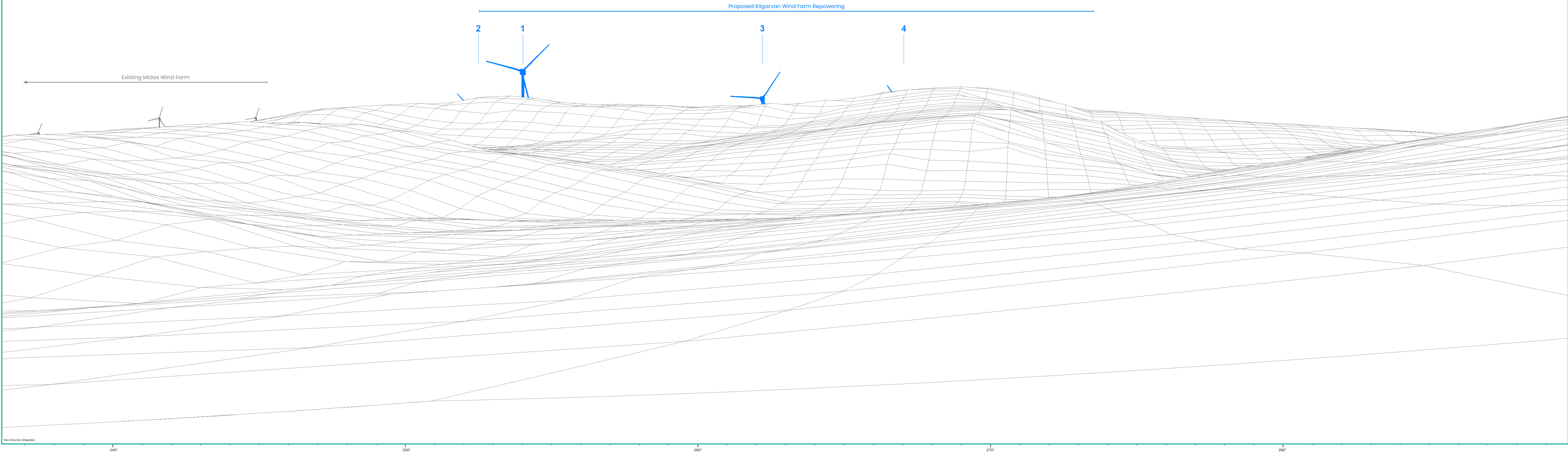


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





Proposed Kilgarvan Wind Farm Repowering

Existing Midas Wind Farm

2

1

3

4

View Point C

Cooleda

Photomontage C

View Point: View from Cooleda, approximately 5.8 kilometres southeast of the nearest turbine.

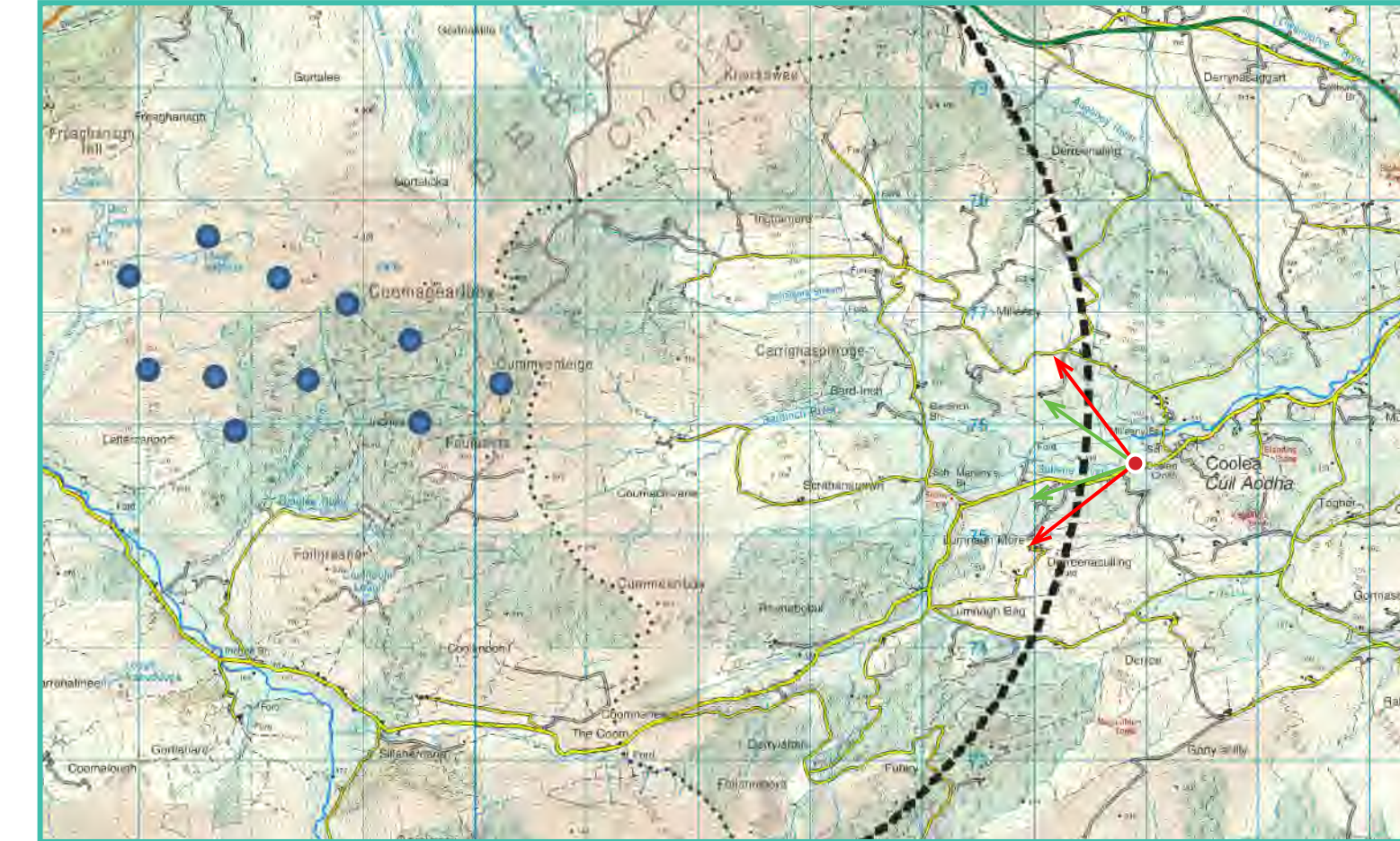
View point grid reference	515884(E); 575728(N)
Date of image taken	20.09.2022
Time of image taken	10:03
View point elevation	150m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	277°
Horizontal extent of proposed turbines	12°
Distance to nearest proposed turbine	5.8km (T1)
Number of proposed turbines visible	5/11
Turbine Hub Height	118.5m
Turbine Tip Height	200m
Turbine Rotor Diameter	163m
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

Wireline Legend

- Proposed Kilgarvan Wind Farm Repowering
- Existing Wind Farm
- Other Proposed Wind Farm

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 Website: www.mkofireland.ie



90° View Extent

Key Image at 120°

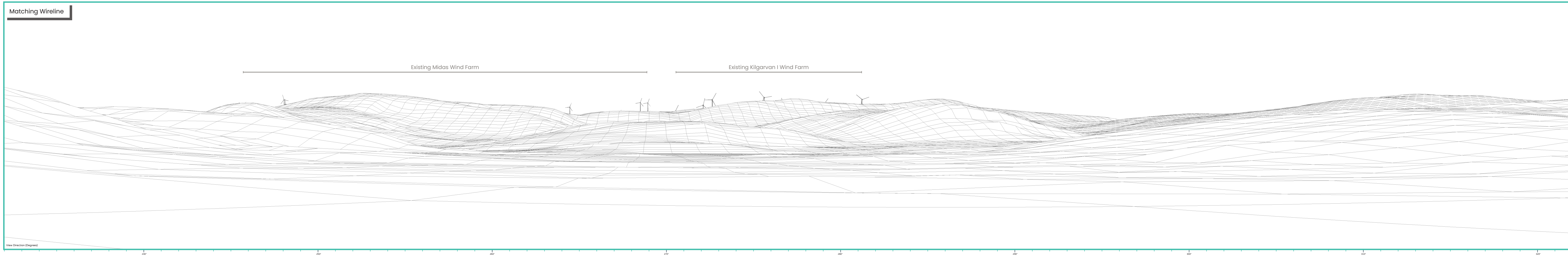


53.5° View Extent

Existing View at 90°



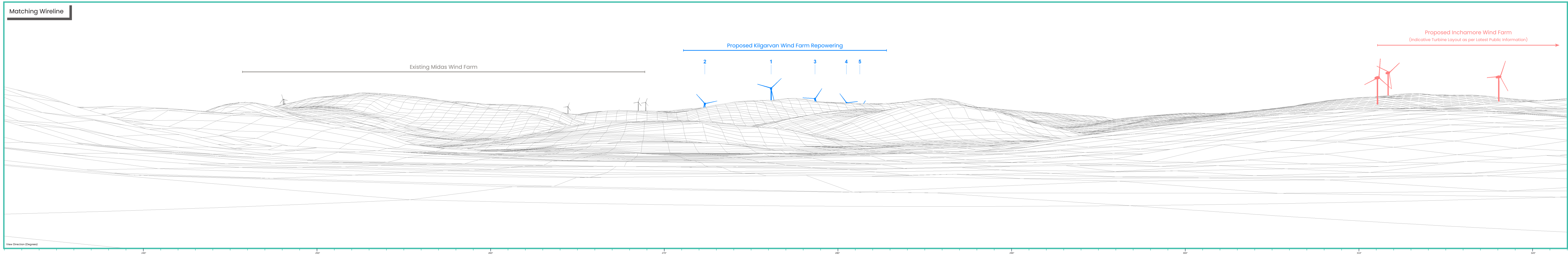
Matching Wireline



Proposed Photomontage with Cumulative at 90°

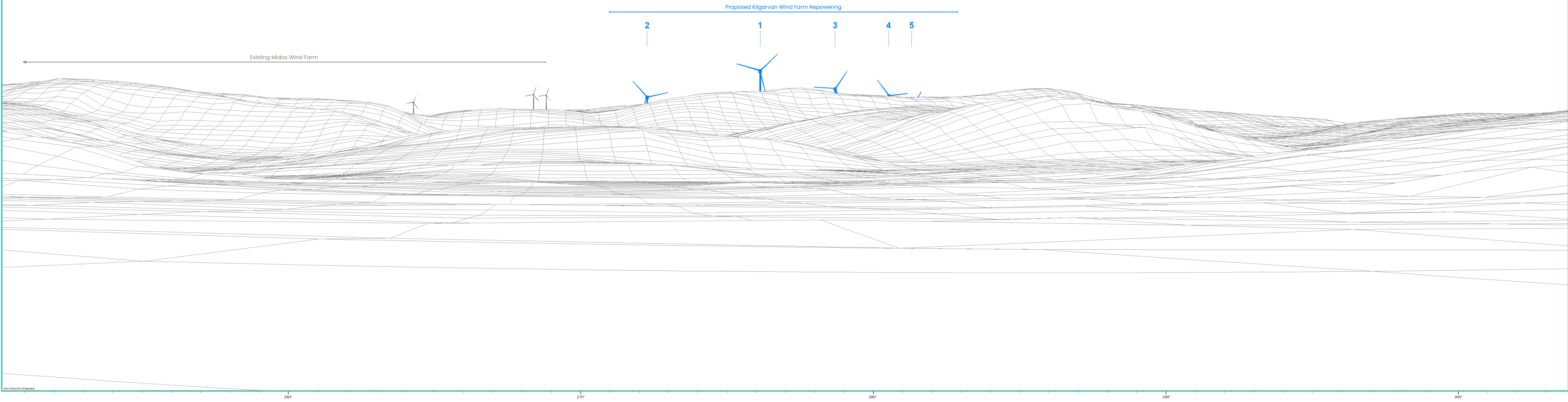


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





Existing Midas Wind Farm

Proposed Kilgarvan Wind Farm Repowering

2

1

3

4

5

260

270

280

290

300

View Direction (Degrees)

0' Inland Vertical Angle (18.2°)

9.1'

18.2°

View Point D

Gortmarrahafineen

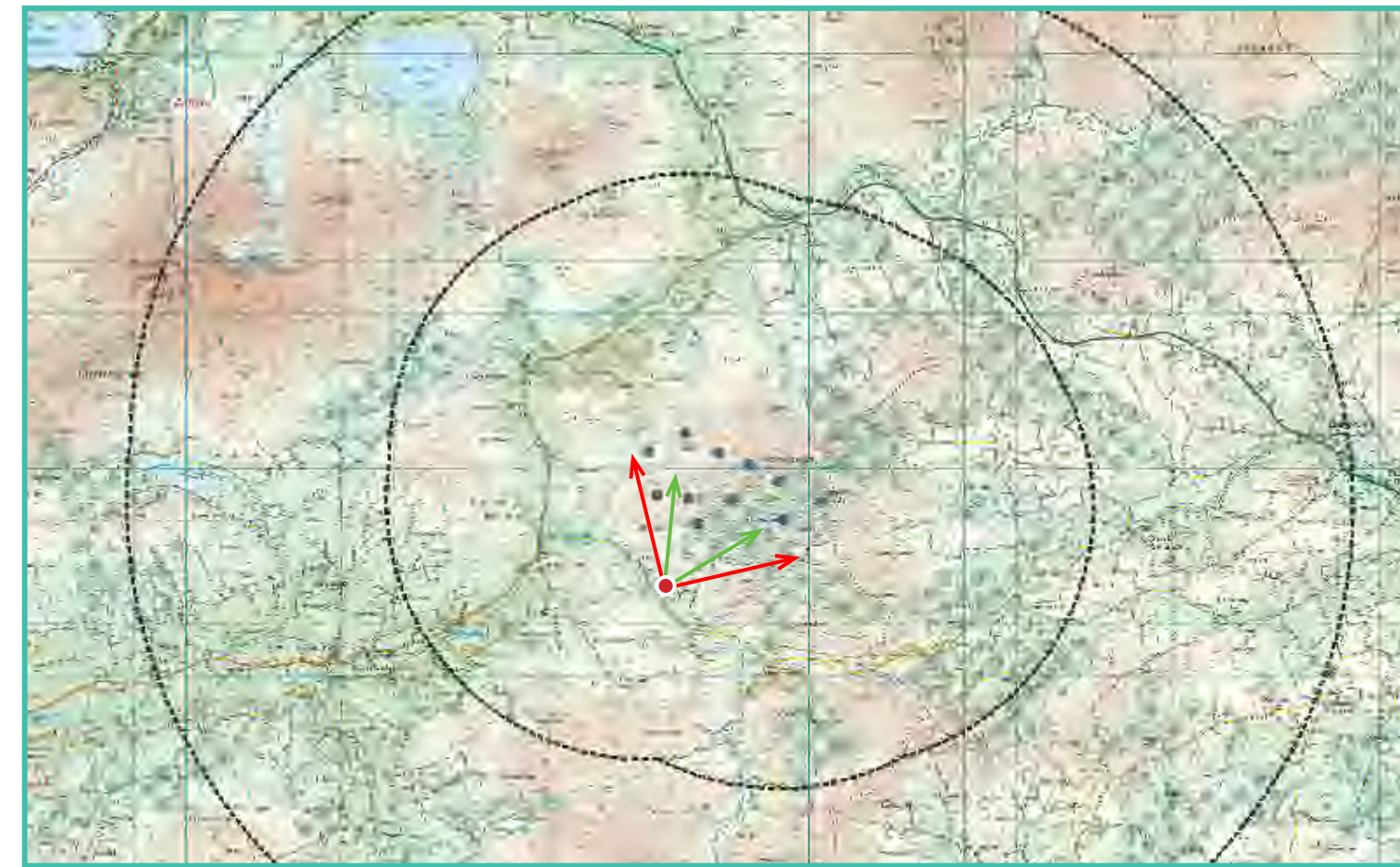
Photomontage D

View Point: View from Gortmarrahafineen, approximately 1.5 kilometres south of the nearest turbine.

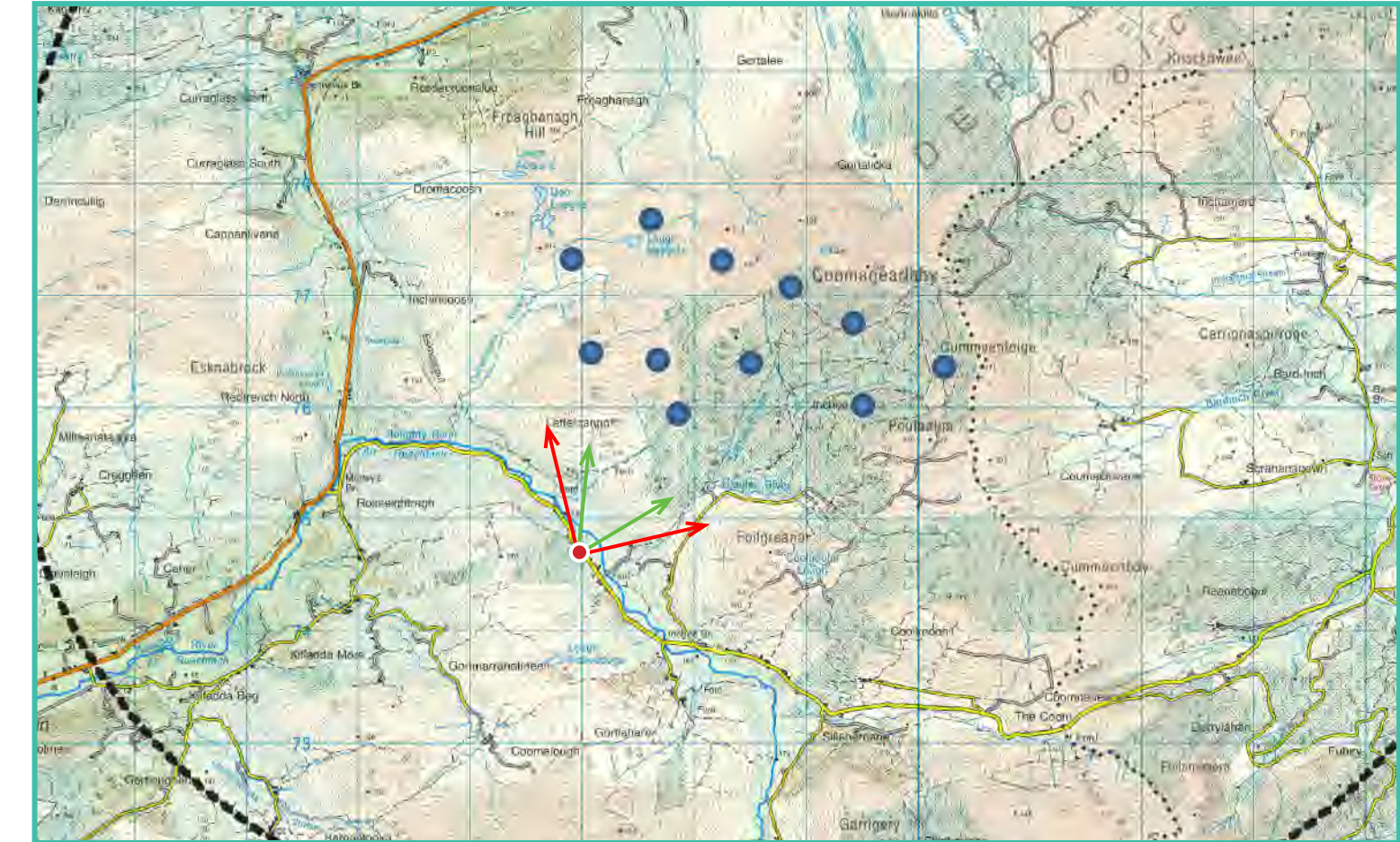
View point grid reference	506936(E); 574792(N)
Date of image taken	31.03.2022
Time of image taken	11:24
View point elevation	159m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	31°
Horizontal extent of proposed turbines	64°
Distance to nearest proposed turbine	1.5km (T11)
Number of proposed turbines visible	6/11
Turbine Hub Height	118.5m
Turbine Tip Height	200m
Turbine Rotor Diameter	163m
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

Wireline Legend

- Proposed Kilgarvan Wind Farm Repowering
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Website: www.mkofireland.ie



90° View Extent

Key Image at 120°

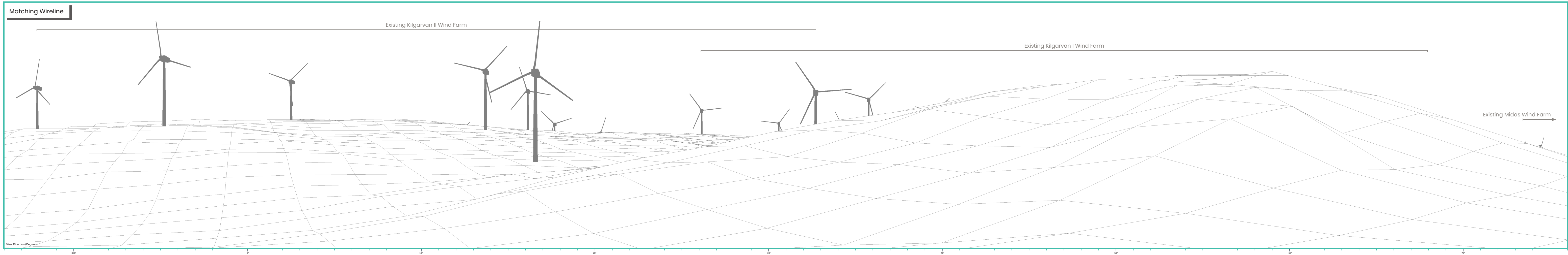


53.5° View Extent

Existing View at 90°



Matching Wireline

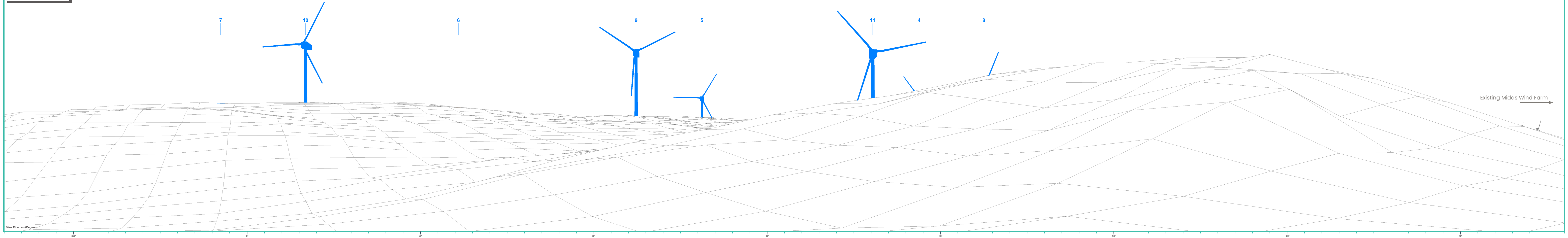


Proposed Photomontage with Cumulative at 90°



Matching Wireline

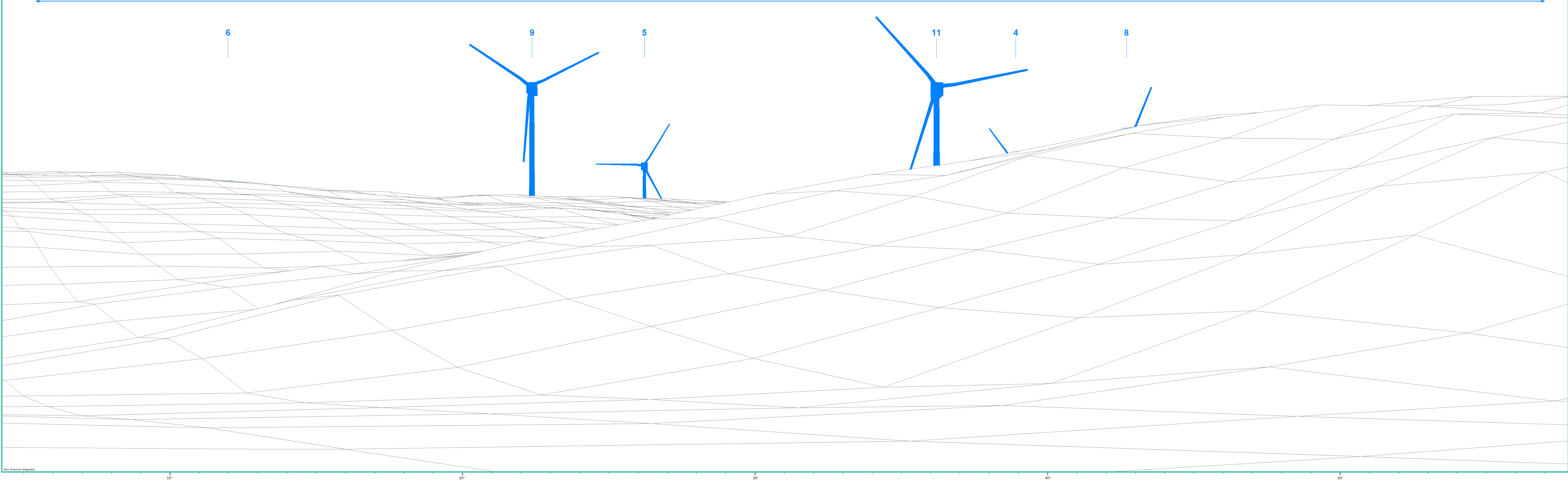
Proposed Kilgarvan Wind Farm Repowering



Proposed Photomontage with Cumulative at 53.5°



Proposed Kilgarvan Wind Farm Repowering



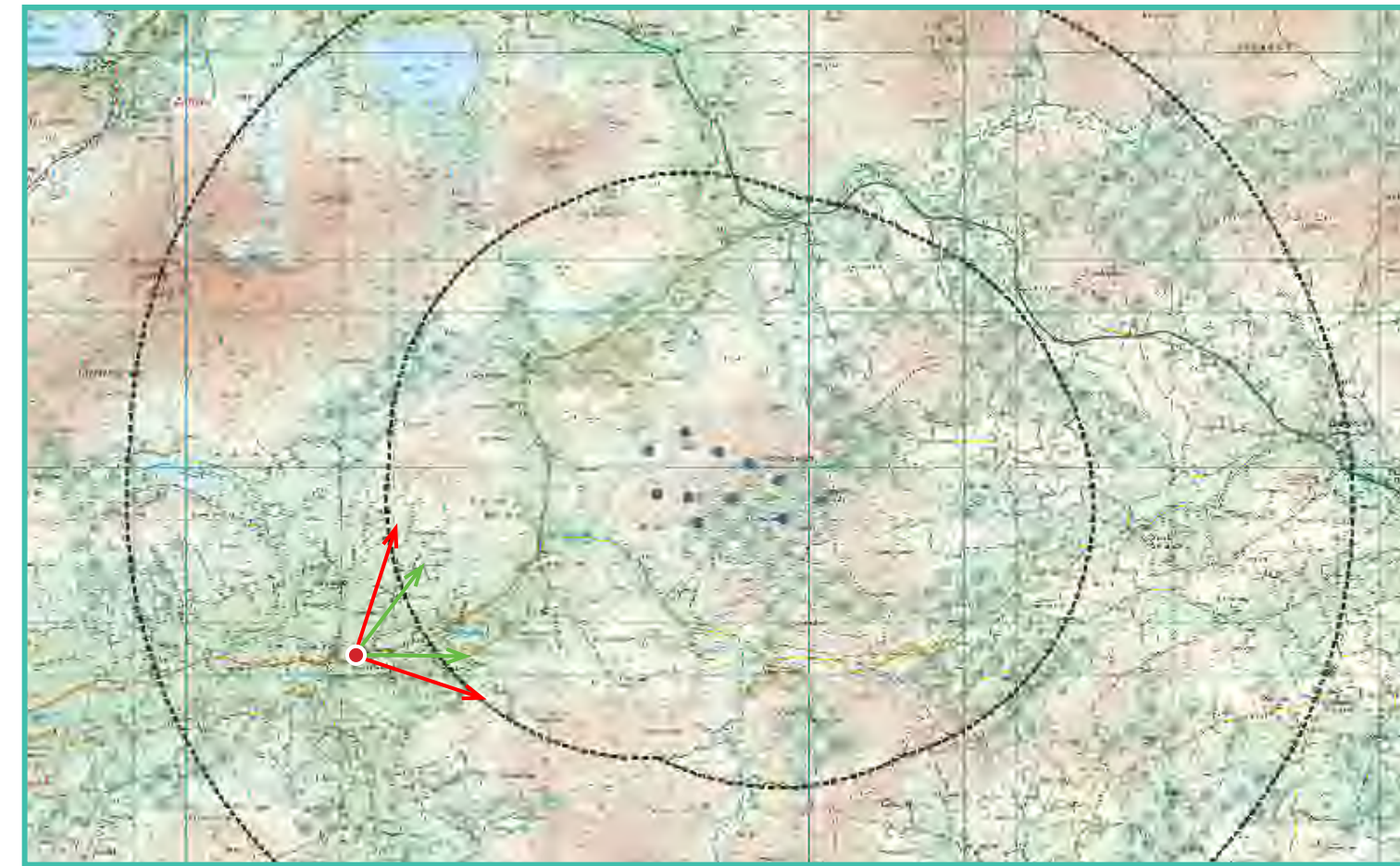
Photomontage E

View Point: View from Kilgarvan along the R569 Regional Road, approximately 6.6 kilometres southwest of the nearest turbine.

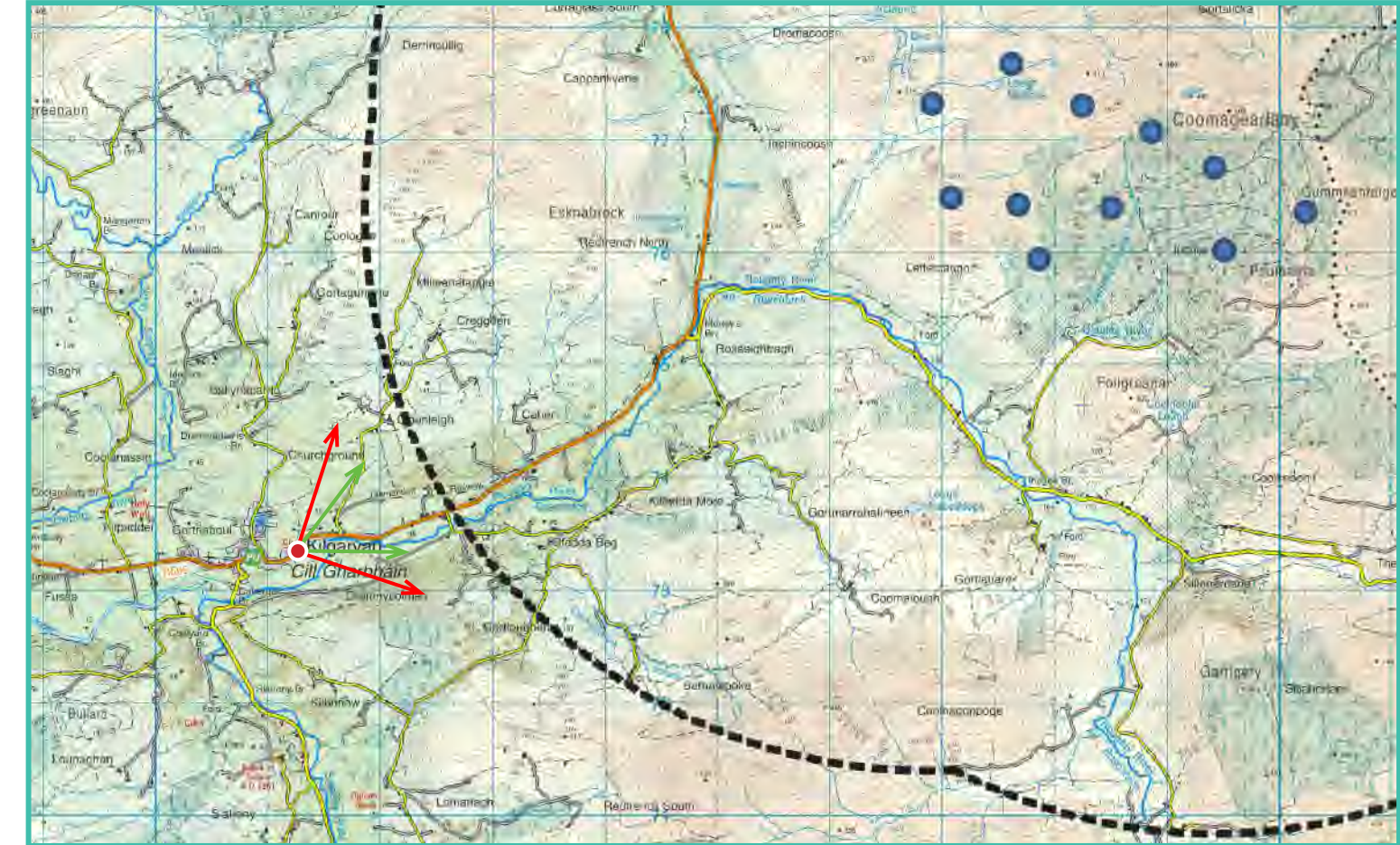
View point grid reference	501229(E); 573398(N)
Date of image taken	31.03.2022
Time of image taken	12:23
View point elevation	42m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	63°
Horizontal extent of proposed turbines	16°
Distance to nearest proposed turbine	6.6km (T10)
Number of proposed turbines visible	11/11
Turbine Hub Height	118.5m
Turbine Tip Height	200m
Turbine Rotor Diameter	163m
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

Wireline Legend

- Proposed Kilgarvan Wind Farm Repowering
- Existing Wind Farm
- Other Proposed Wind Farm

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Website: www.mkofireland.ie



90° View Extent

Key Image at 120°

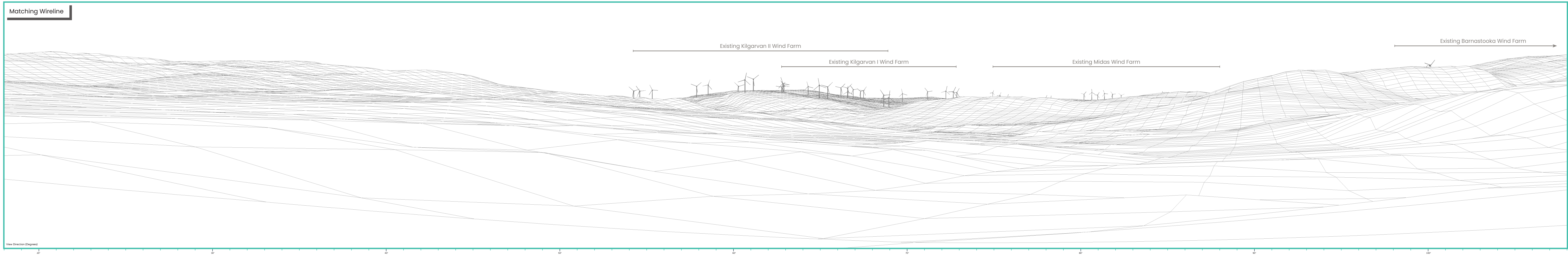


53.5° View Extent

Existing View at 90°



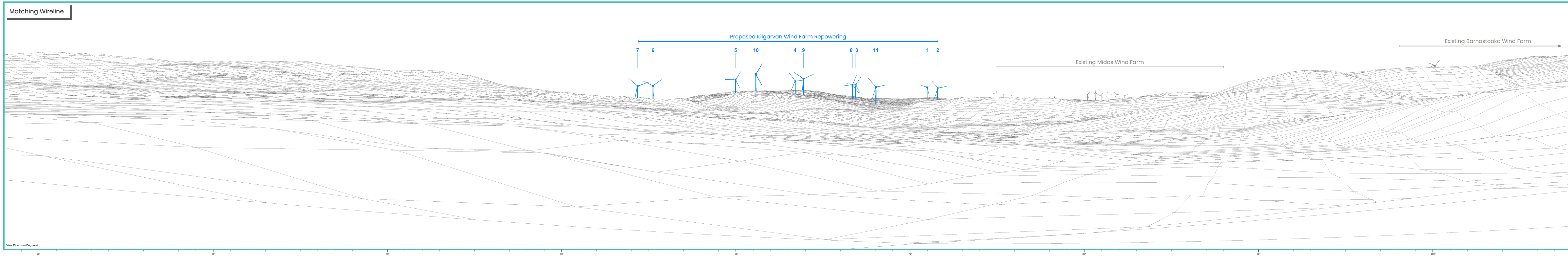
Matching Wireline



Proposed Photomontage with Cumulative at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



