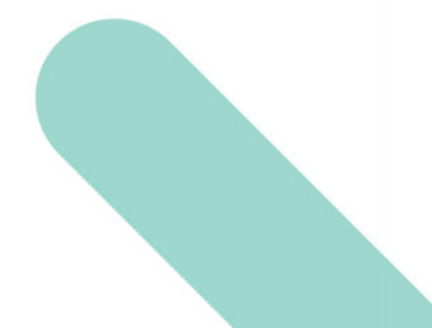
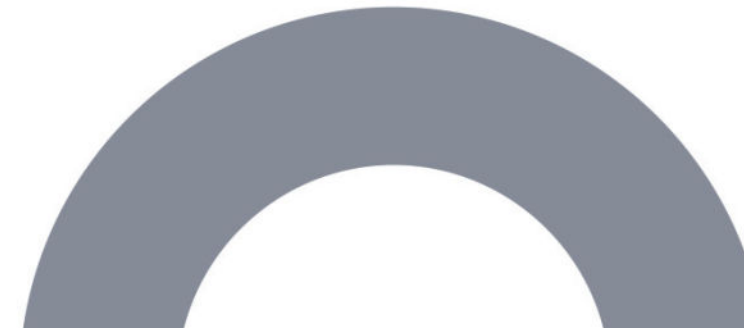
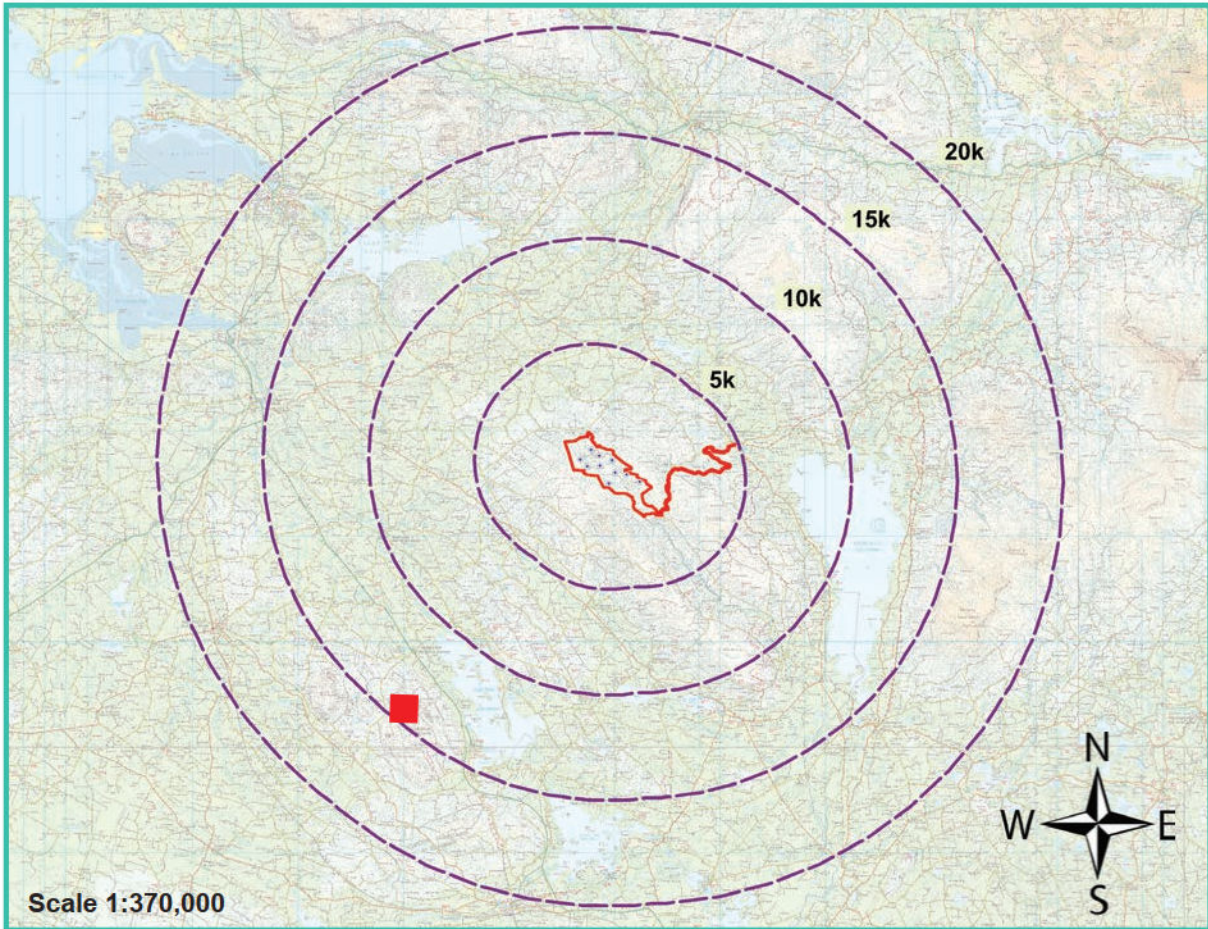


**Proposed Croagh Wind Farm,
Co. Leitrim and Co. Sligo**
Environmental Impact Assessment Report
Volume 2
Photomontage Booklet

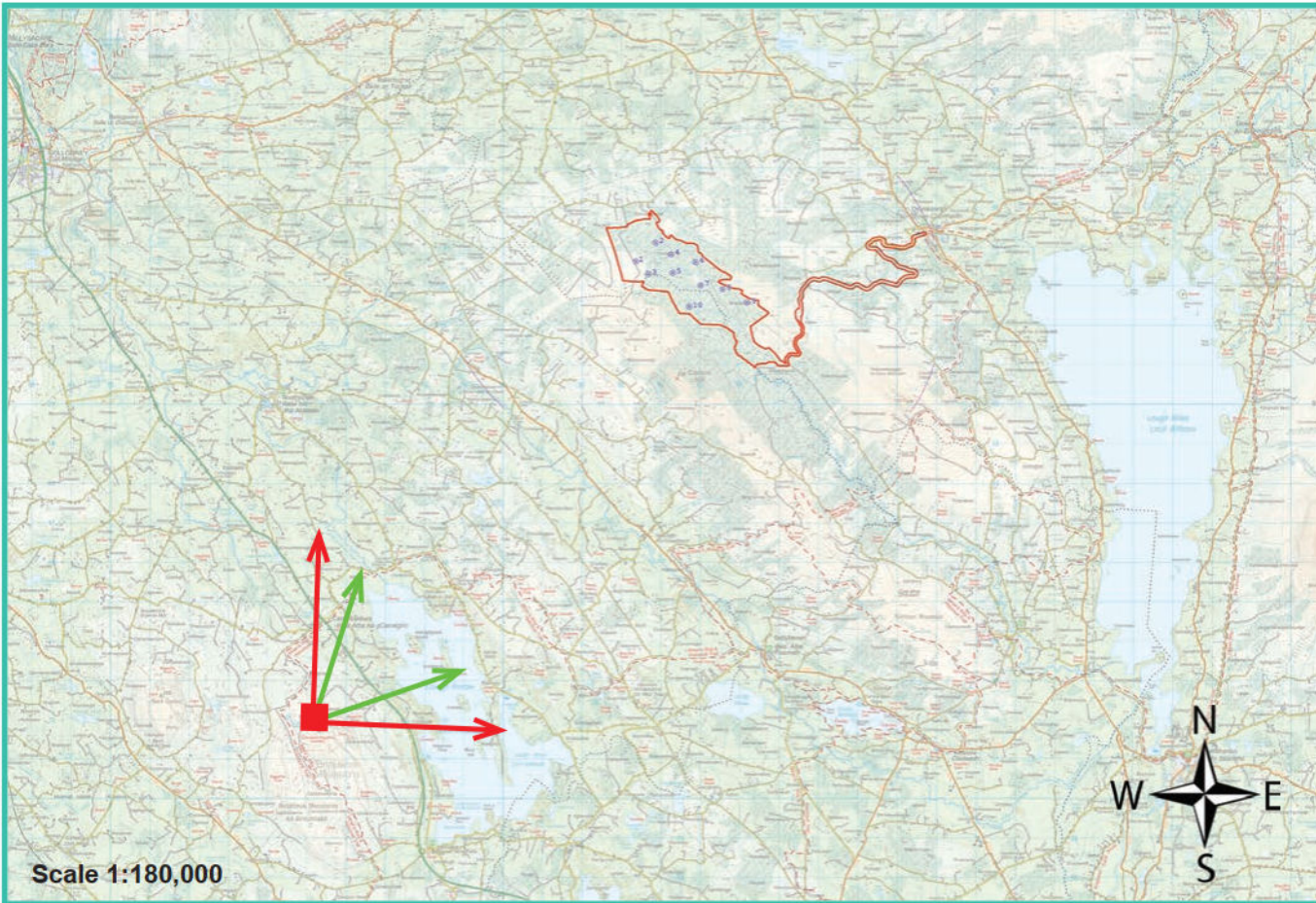


Photomontage 1
View Point: View taken from the summit of Bricklieve Mountain in Carrowkeel Megalithic Cemetery, Co. Sligo, situated in the townland of Carrowkeel, approximately 14.58 km south-west from the nearest turbine.

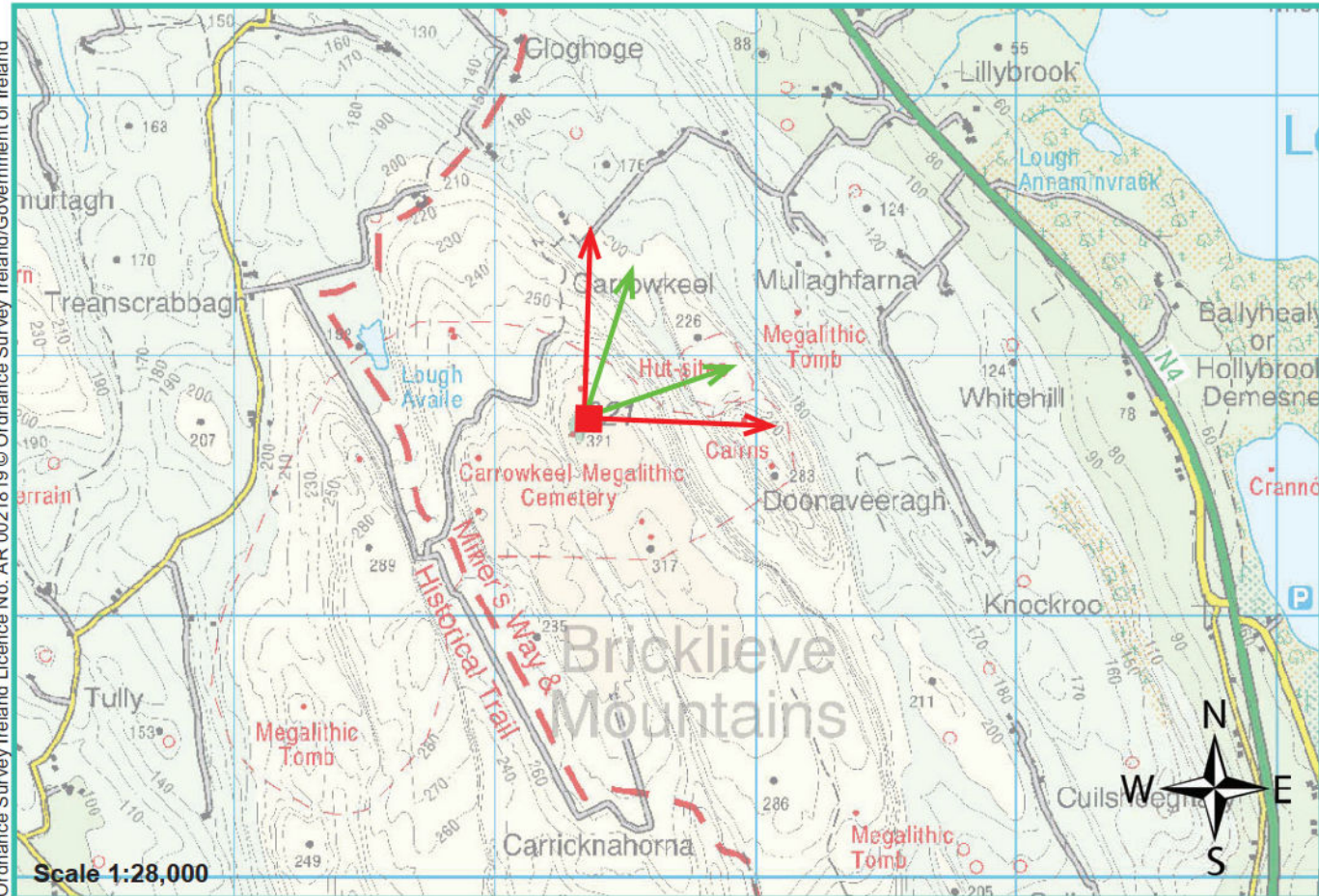
View point grid reference (Irish Grid)	175,337(E); 311,744(N)
Date of image taken	02.08.2019
Time of image taken	12:19PM
View point elevation	318m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	46°
Horizontal extent of proposed turbines	12°
Distance to nearest proposed turbine	14.58 km (T10)
Number of proposed turbines visible	9/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO

Planning & Environmental Consultants

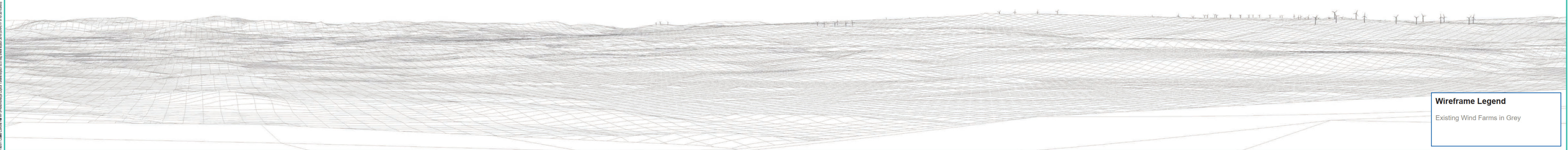
Tuam Road, Galway.

Tel: (091) 73 56 11

E-mail: info@mkoireland.ie

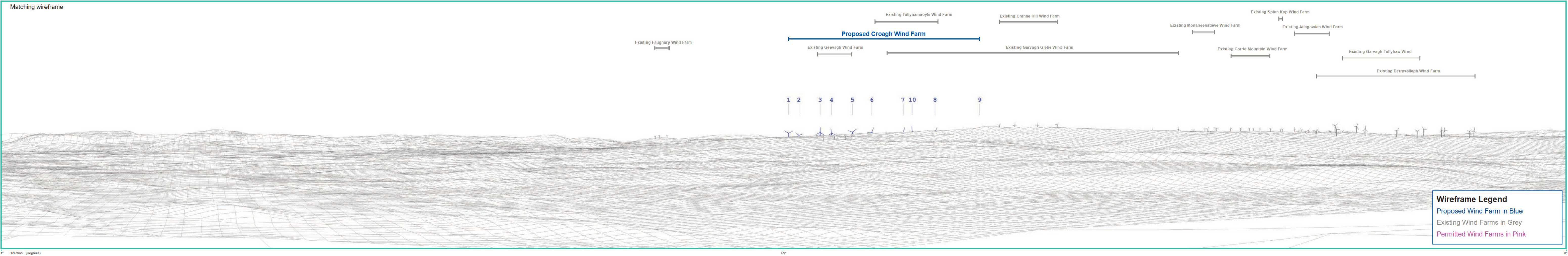
Website: www.mkoireland.ie





91

Existing Wind Farms in Grey



0° Included Angle (Degrees)

20.5°

53.4°

Proposed Photomontage at 53.5 degrees with Cumulative

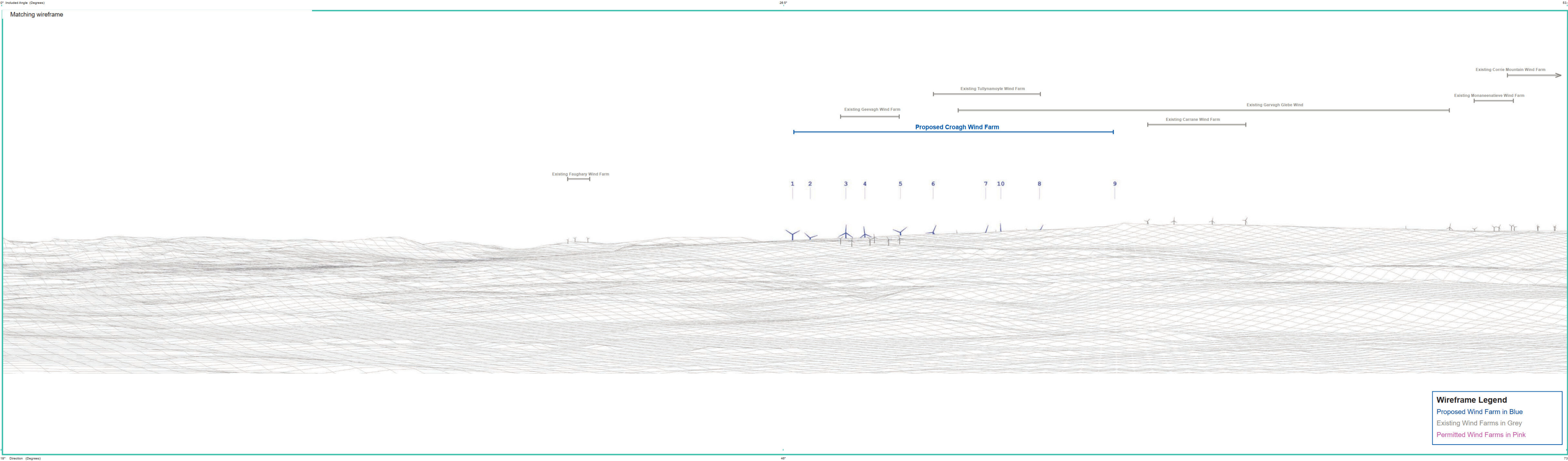
110811_Cable Corridor - W1 Photomontage Layout (Tubal Layout) 53.5deg aerial.jpg 2019 (0401) 19-10-2019 (4x6)

18° Direction (Degrees)

40°

73°

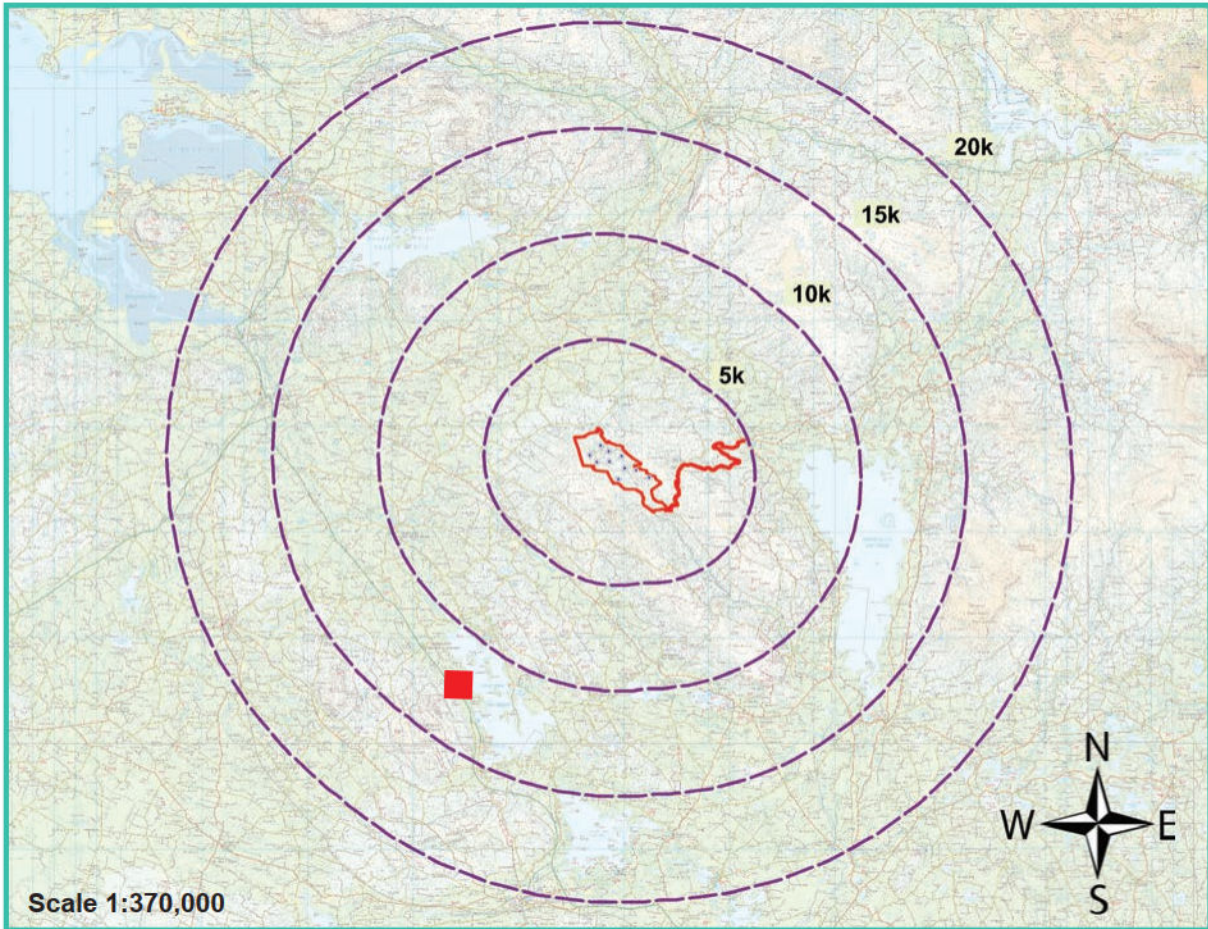




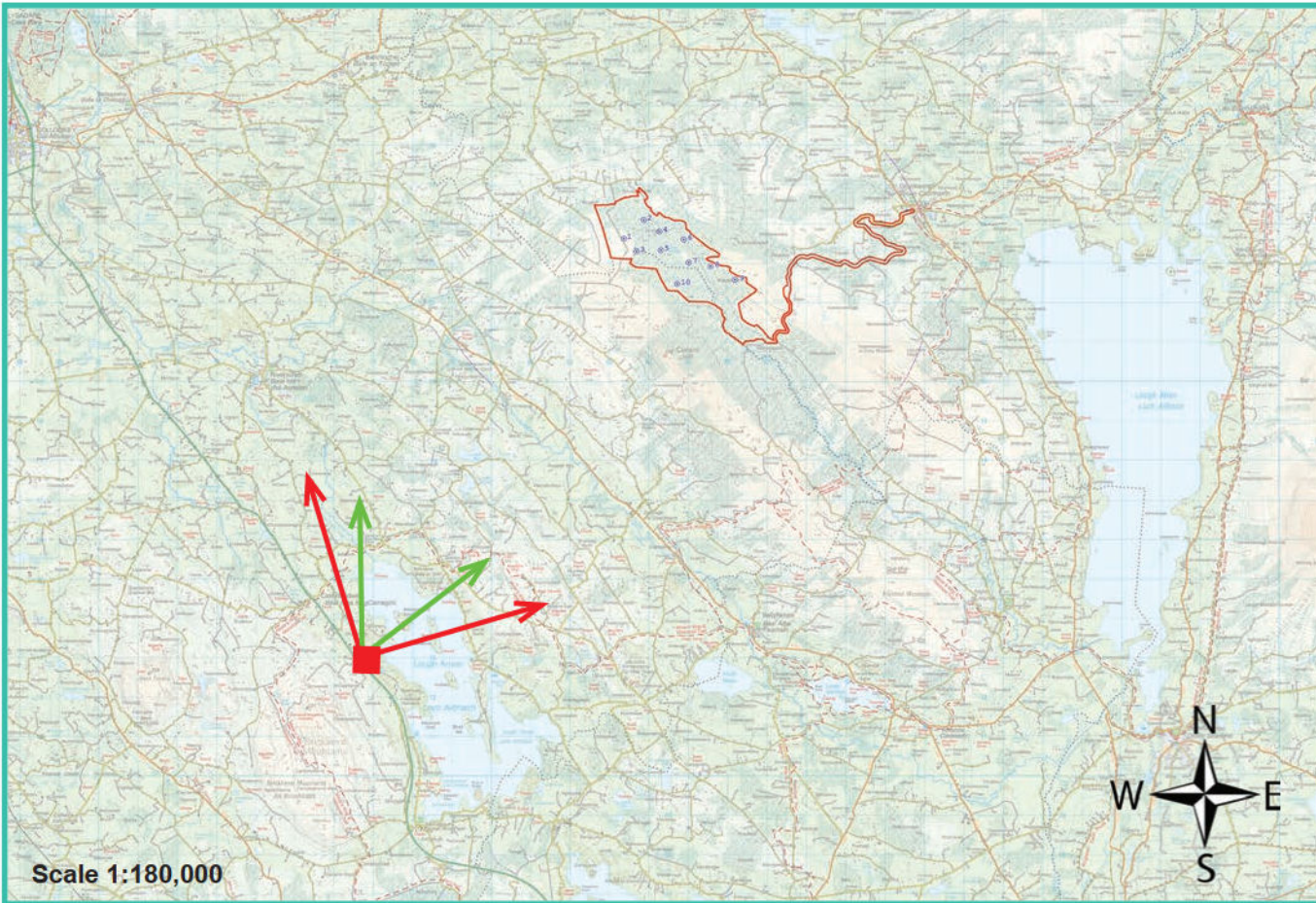
Photomontage 2

View Point: View taken from a section of the N4 national road designated as Scenic Route No. 3 in Sligo CDP directly east of Lough Arrow in the townland of Castlealdwin, approximately 12.28 kilometres south-east of the nearest turbine.

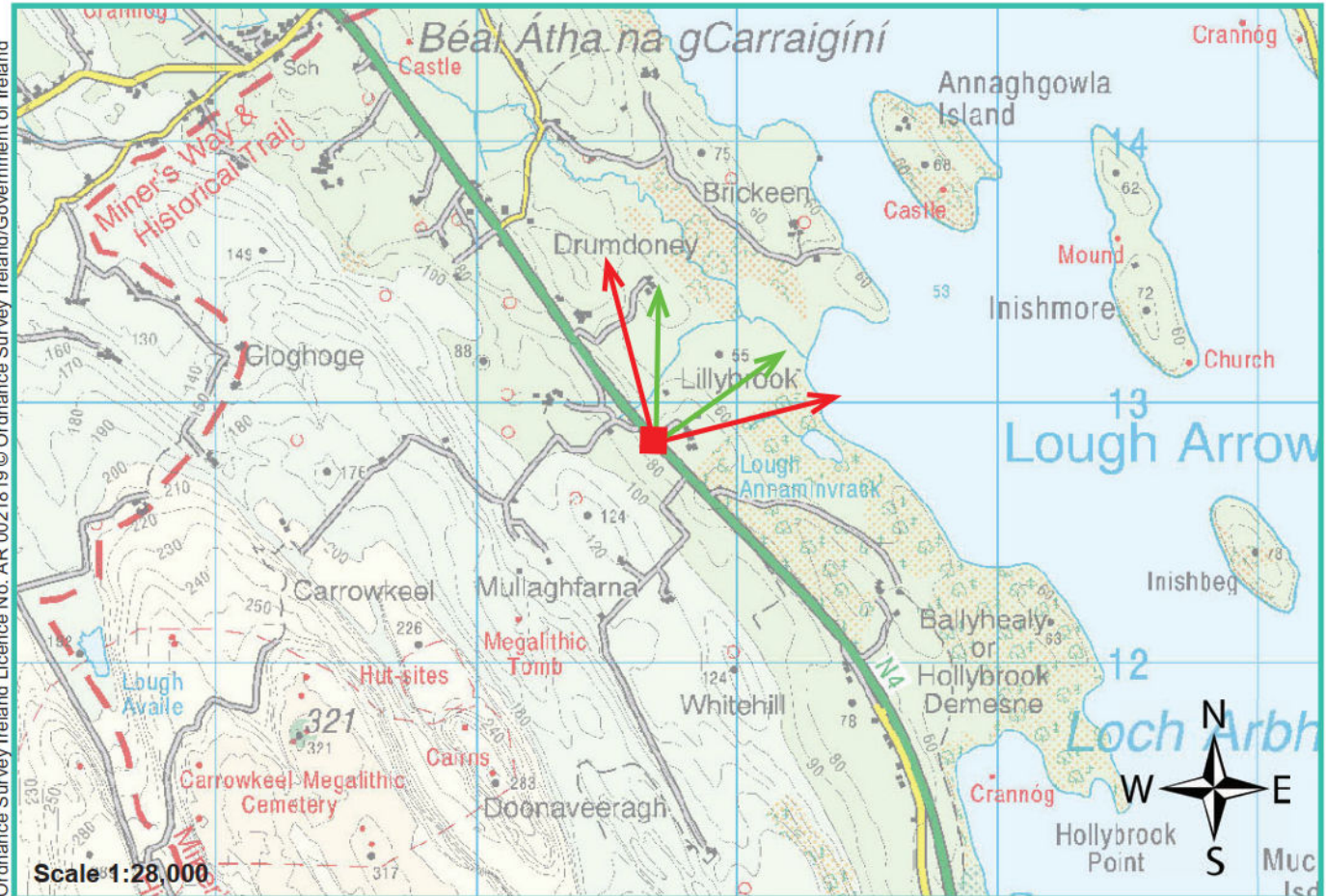
View point grid reference (Irish Grid)	176,687(E); 312,850(N)
Date of image taken	02.08.2019
Time of image taken	12:09PM
View point elevation	72m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	31°
Horizontal extent of proposed turbines	13°
Distance to nearest proposed turbine	12.28 km (T10)
Number of proposed turbines visible	09/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

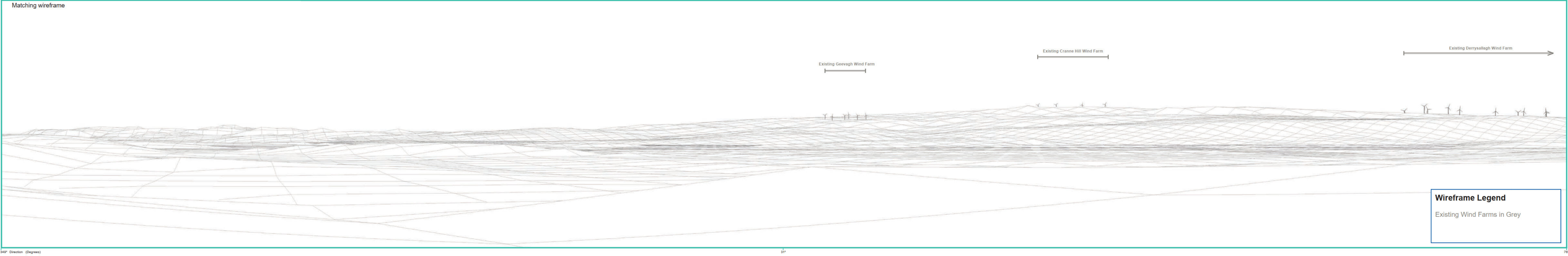
MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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

Key image at 120 degrees



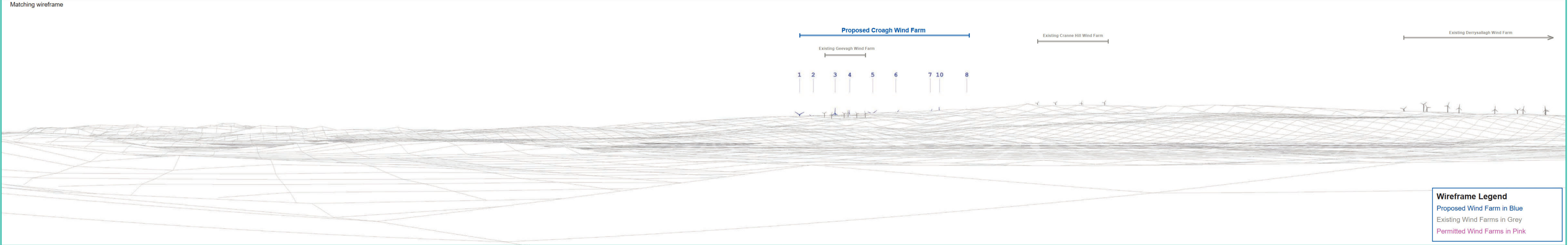
53.5-Degree View Extent



Cumulative photomontage 90 Degrees



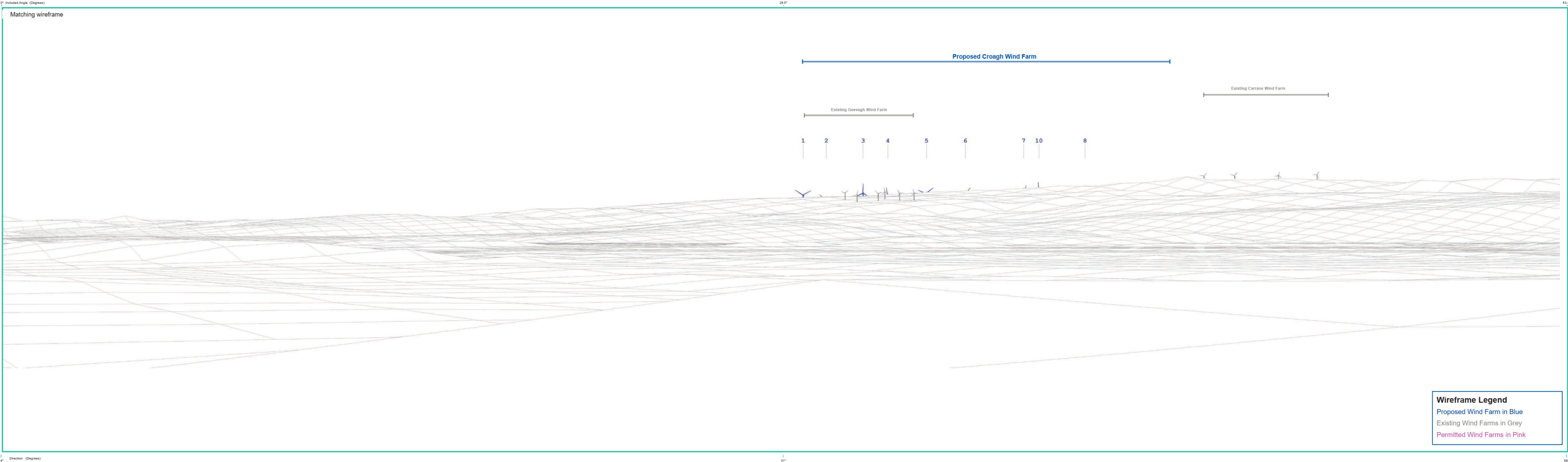
Matching wireframe



180511 Croagh Wind Farm (Photomontage Layout) Turbine Layout 01.05.2019 (ENW) V1 9-10-2019 (Rev)

Proposed Photomontage at 53.5 degrees with Cumulative

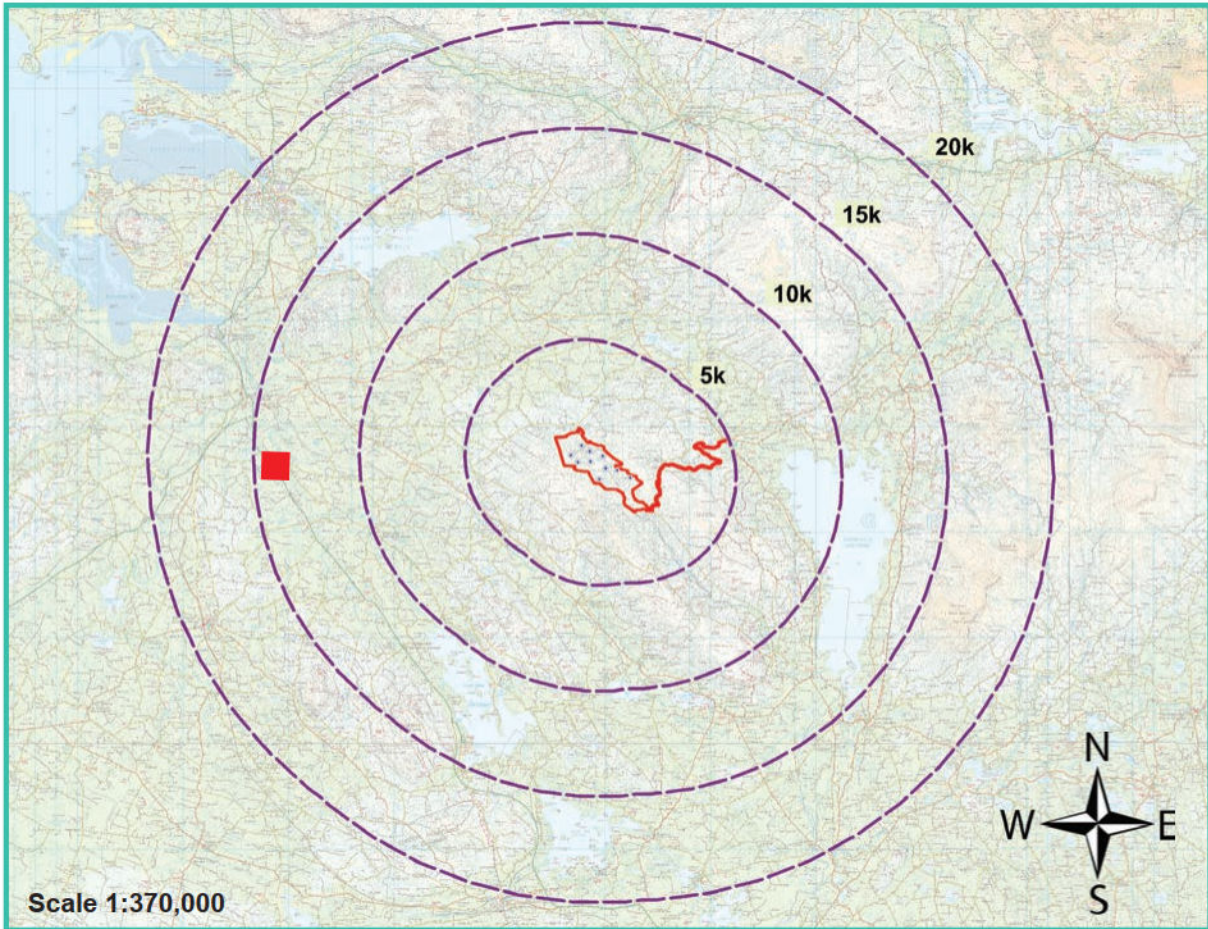




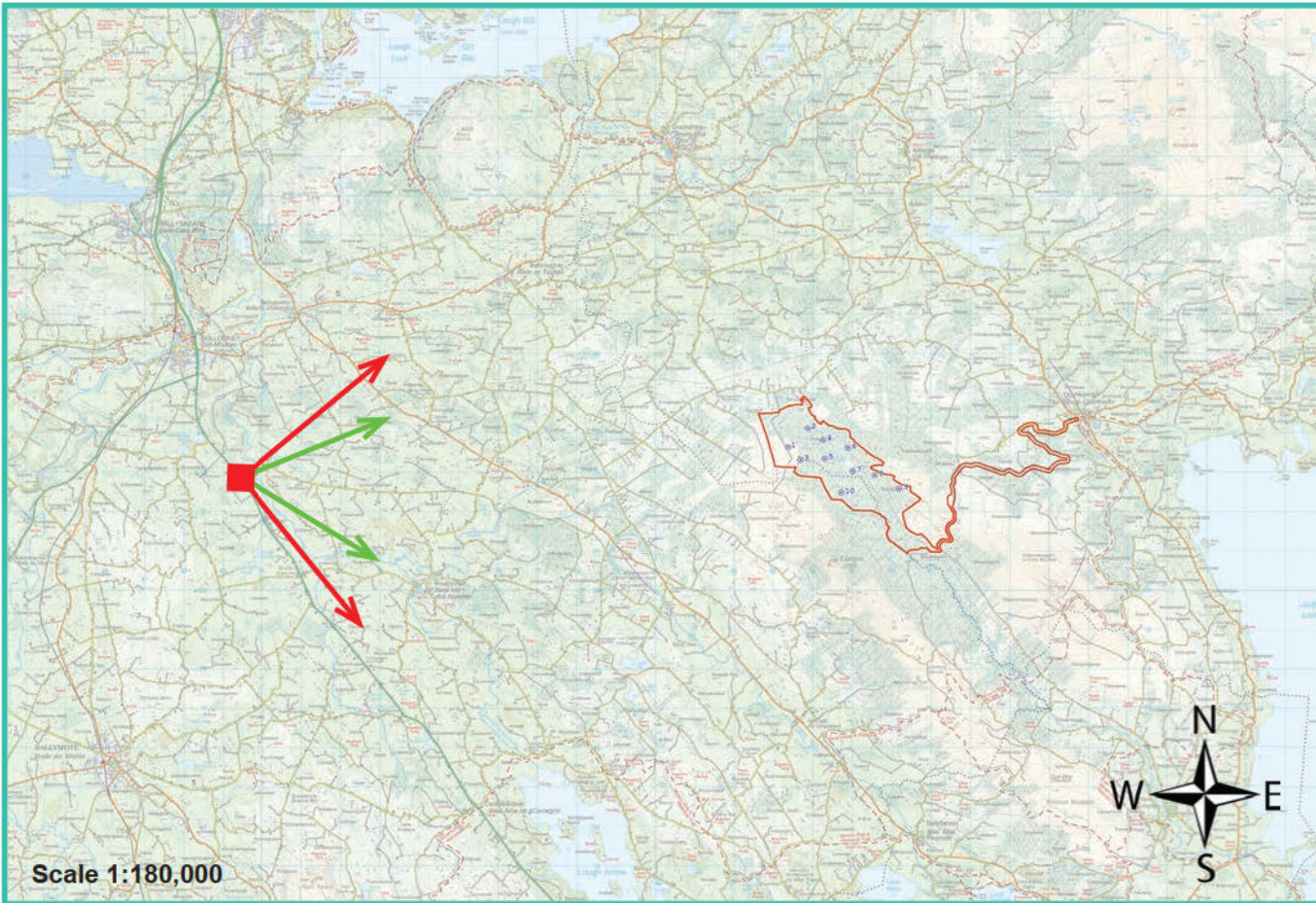
Photomontage 3

View Point: View taken from the N4 national road in the townland of Doorly, Co. Sligo , approximately 14.19 kilometres east of the nearest turbine.

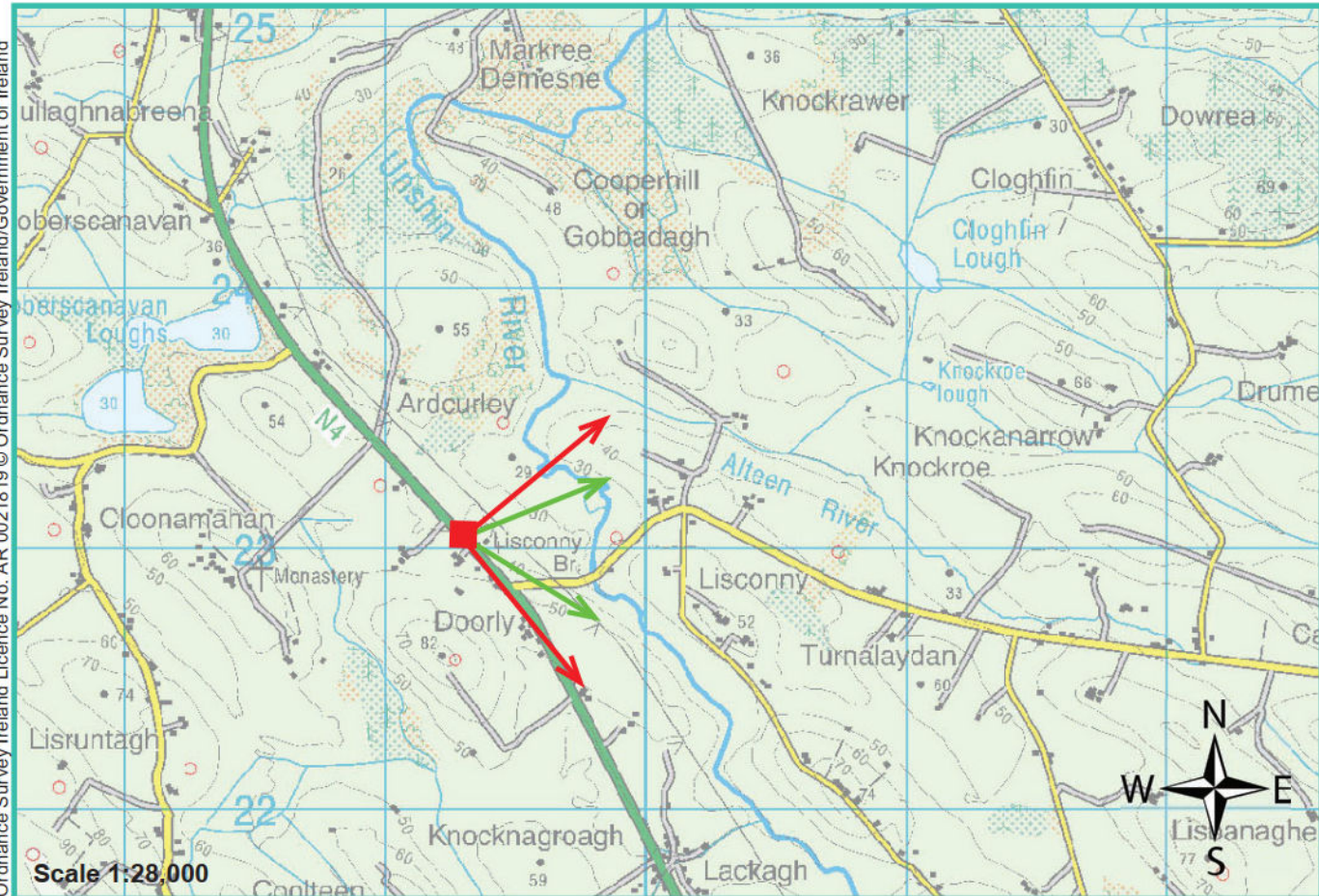
View point grid reference (Irish Grid)	169,257(E); 323,083(N)
Date of image taken	2.08.2019
Time of image taken	3:19PM
View point elevation	40m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	95°
Horizontal extent of proposed turbines	6°
Distance to nearest proposed turbine	14.19 km (T1)
Number of proposed turbines visible	10/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO

Planning & Environmental Consultants

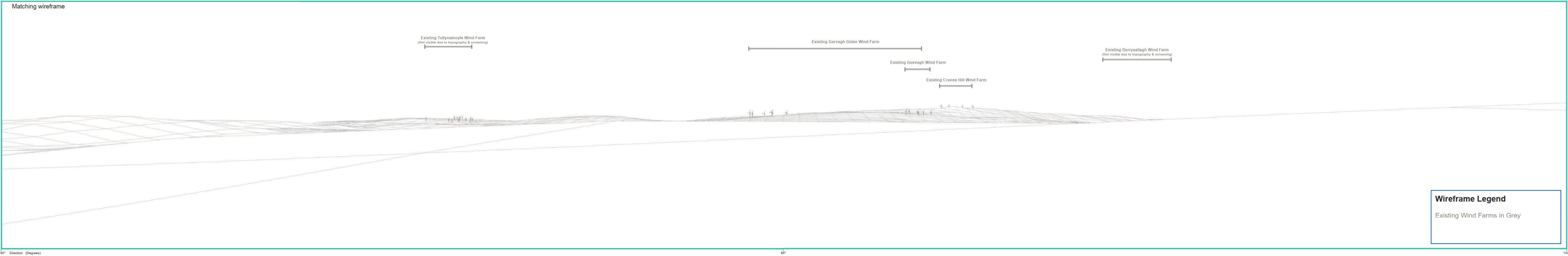
Tuam Road, Galway.

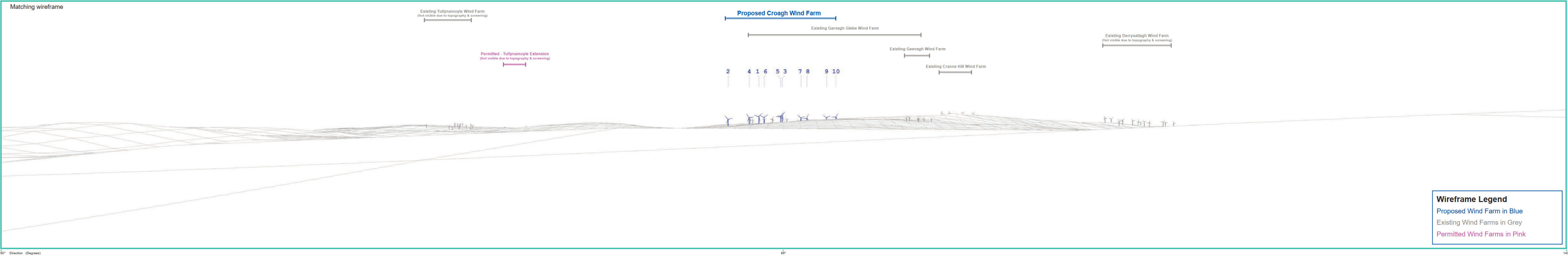
Tel: (091) 73 56 11

E-mail: info@mkoireland.ie

Website: www.mkoireland.ie







180211 Croagh Hill Wind Farm Photomontage Layout Tullamore Report 03.05.2019 (ENR) V1 9-10-2019 (Jad)



0° Included Angle (Degrees)

20.5°

53.4°

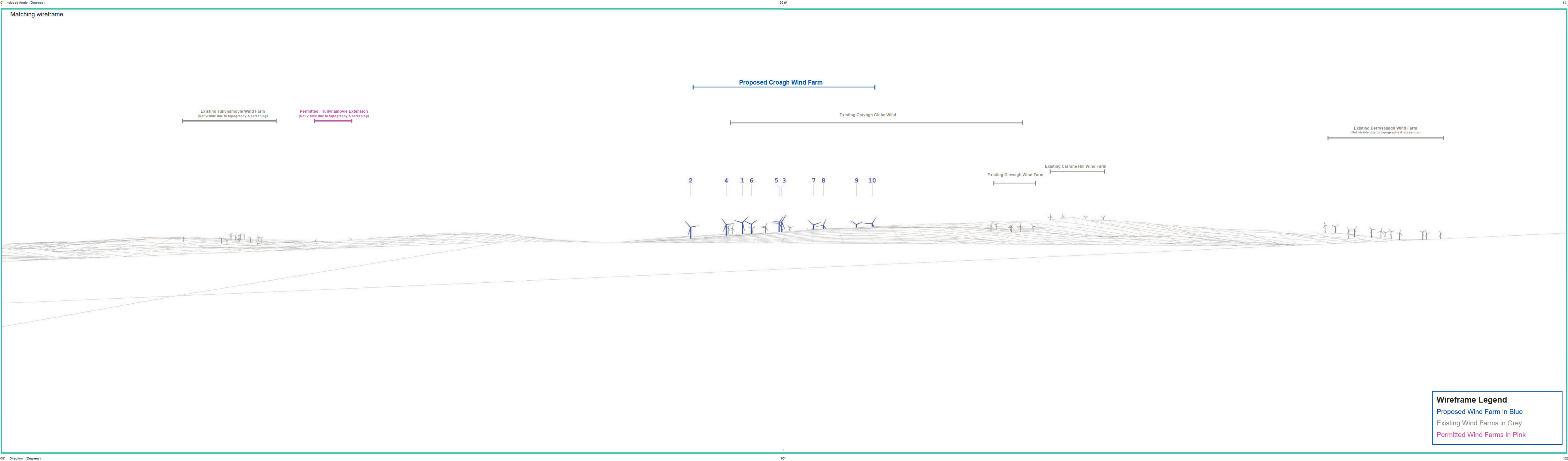
Proposed Photomontage at 53.5 degrees with Cumulative

100171_Collier_Cumulative_WF_Photomontage_Layer1_Turbine layout_53.5deg_angle.jpg (2019-09-10 10:29:39 AM)

08° Direction (Degrees)

95°

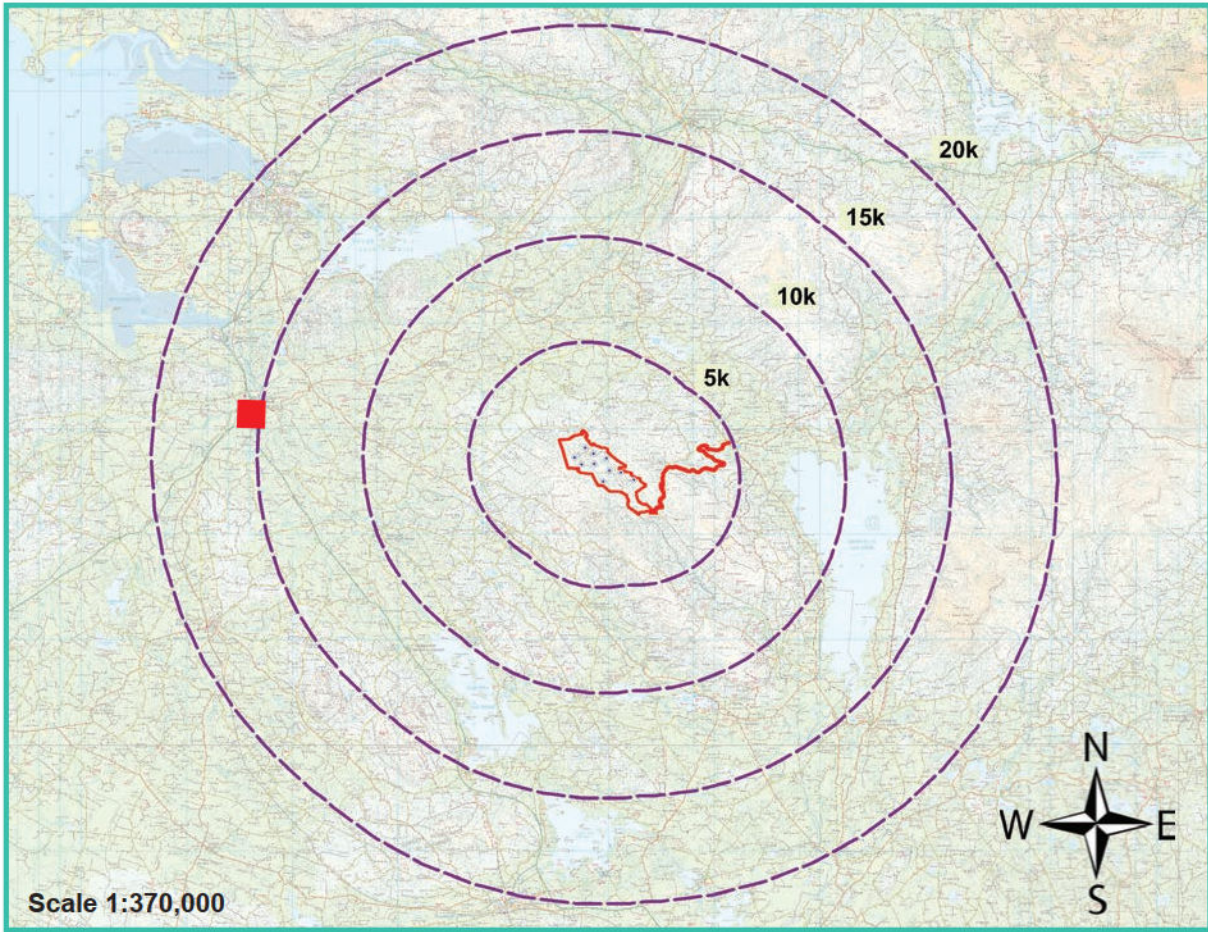
122°



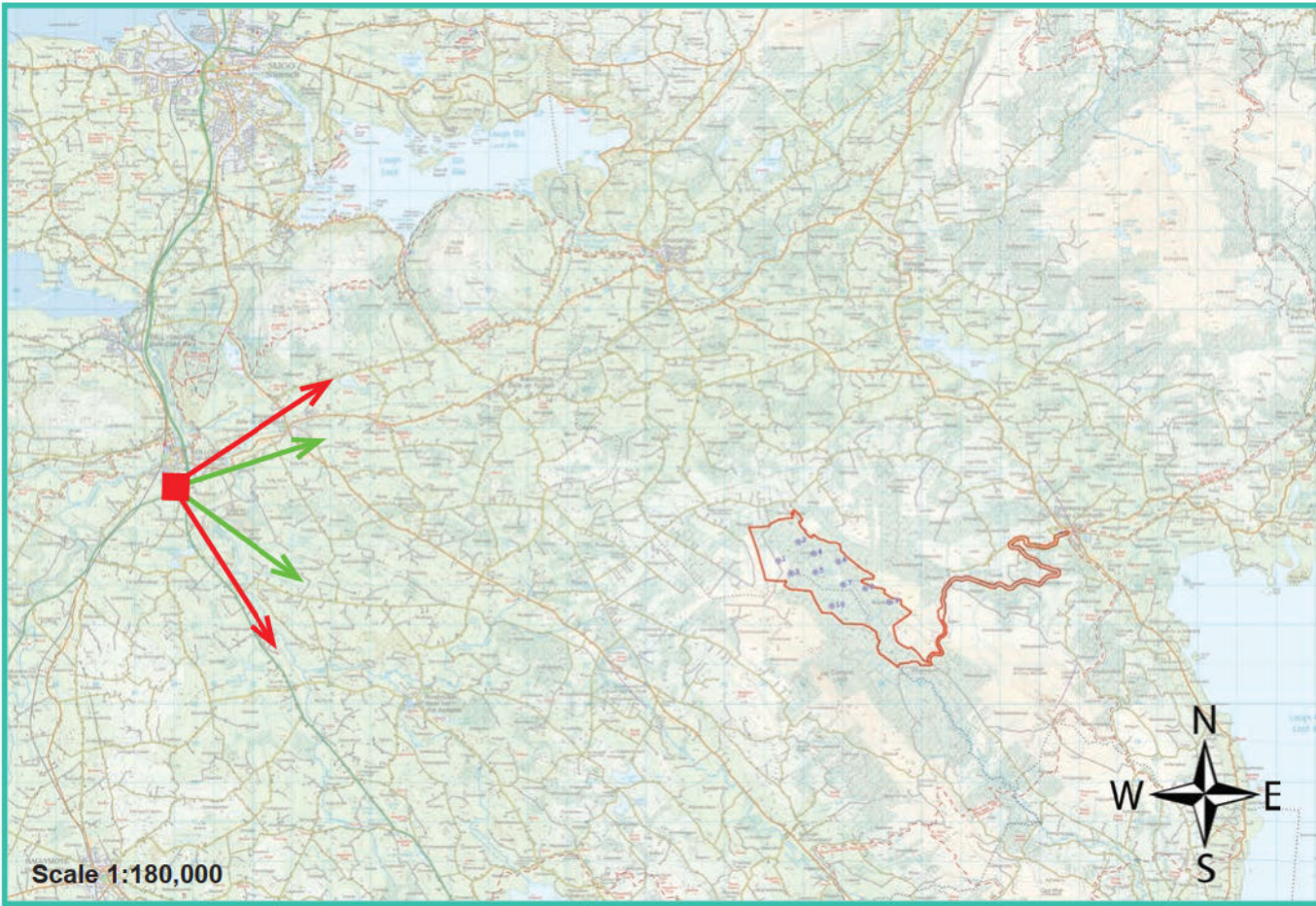
Photomontage 4

View Point: View from Radharc Na gCaisléan housing estate in the south of Collooney Town in the townland of Rathrippon, Co. Sligo, approximately 16.26 kilometres east of the nearest turbine.

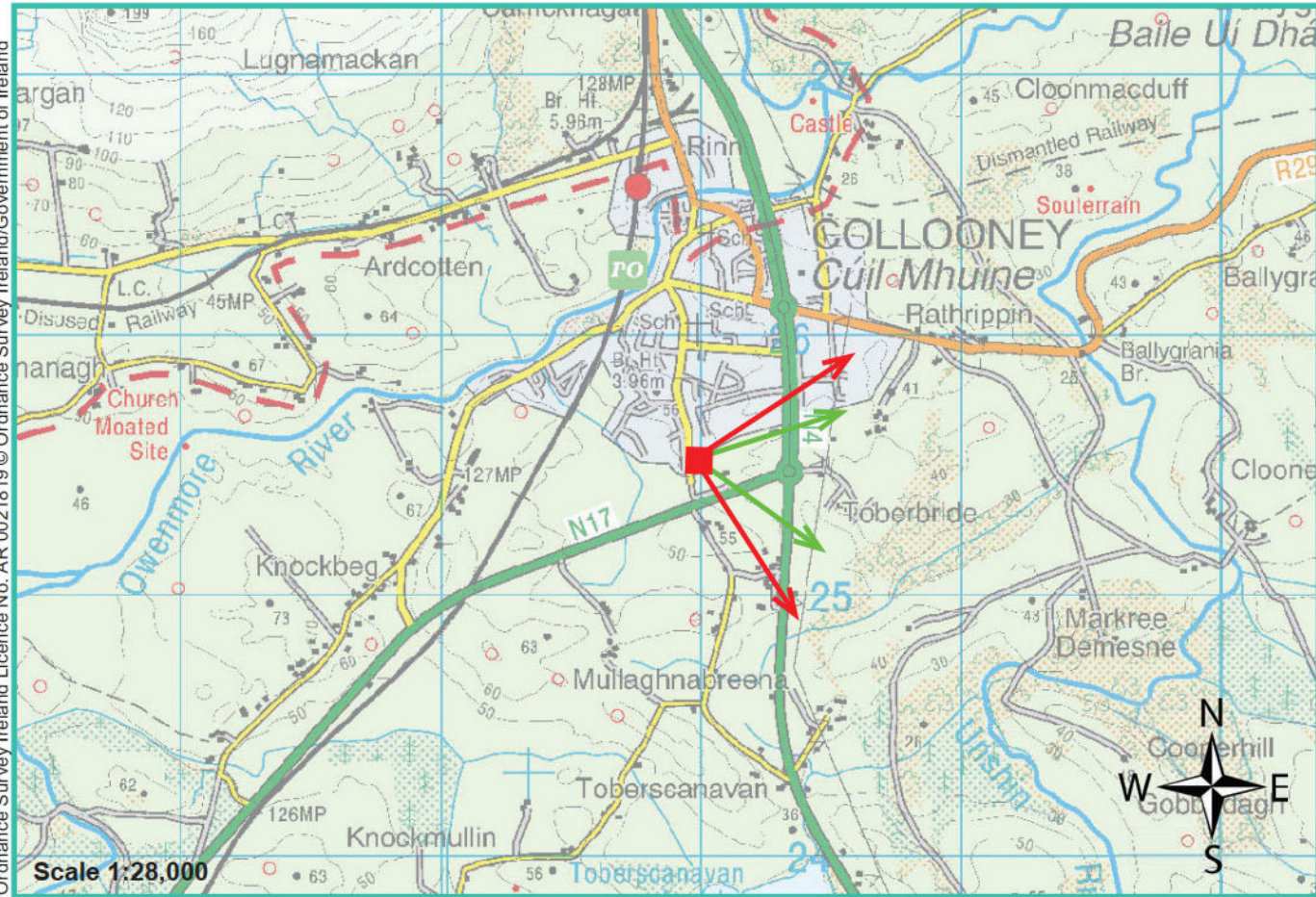
View point grid reference (Irish Grid)	167,949(E); 325,527(N)
Date of image taken	01.08.2019
Time of image taken	4:42PM
View point elevation	50m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	104°
Horizontal extent of proposed turbines	7°
Distance to nearest proposed turbine	16.26 km (T1)
Number of proposed turbines visible	10/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
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 (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

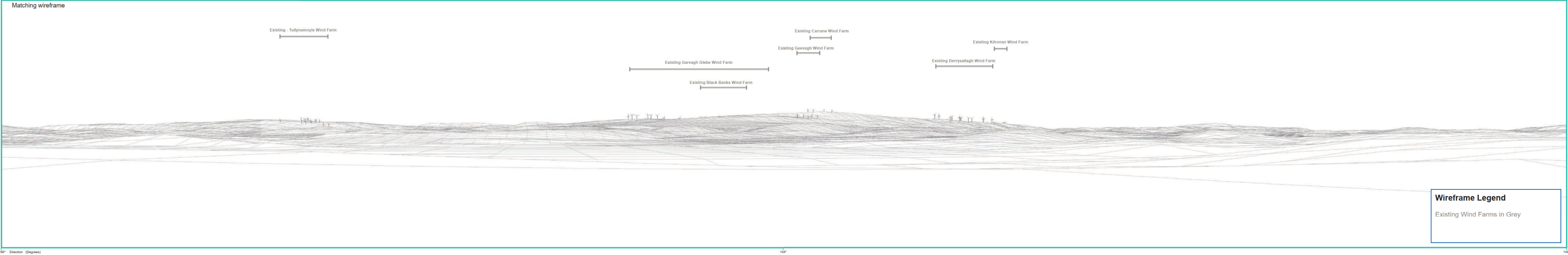
MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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

Key image at 120 degrees



53.5-Degree View Extent

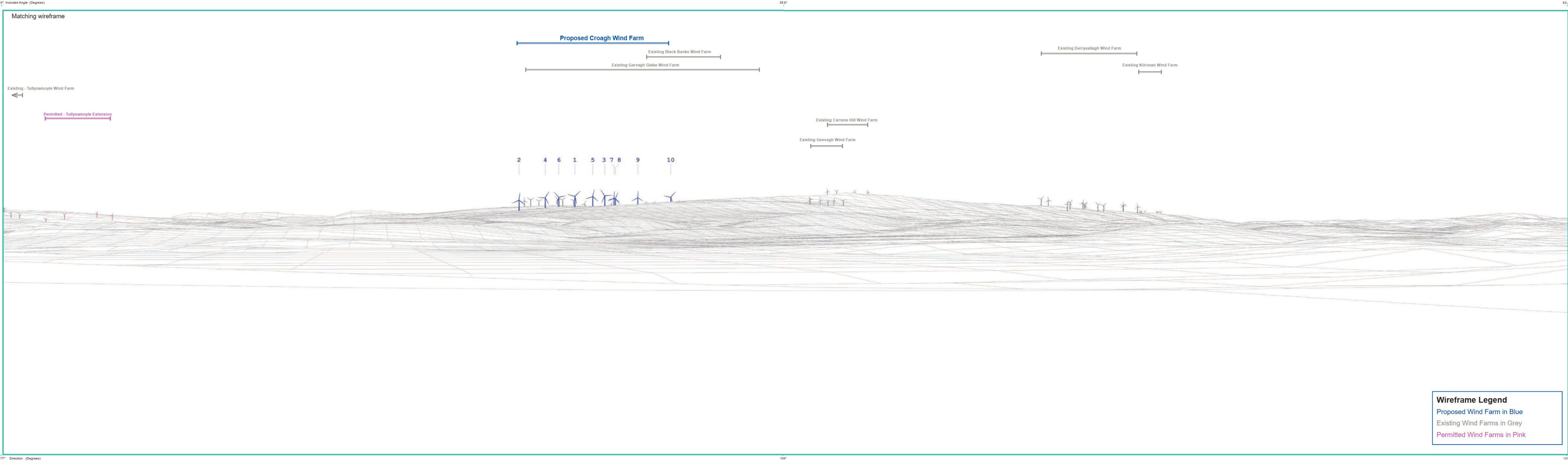




Proposed Photomontage at 53.5 degrees with Cumulative



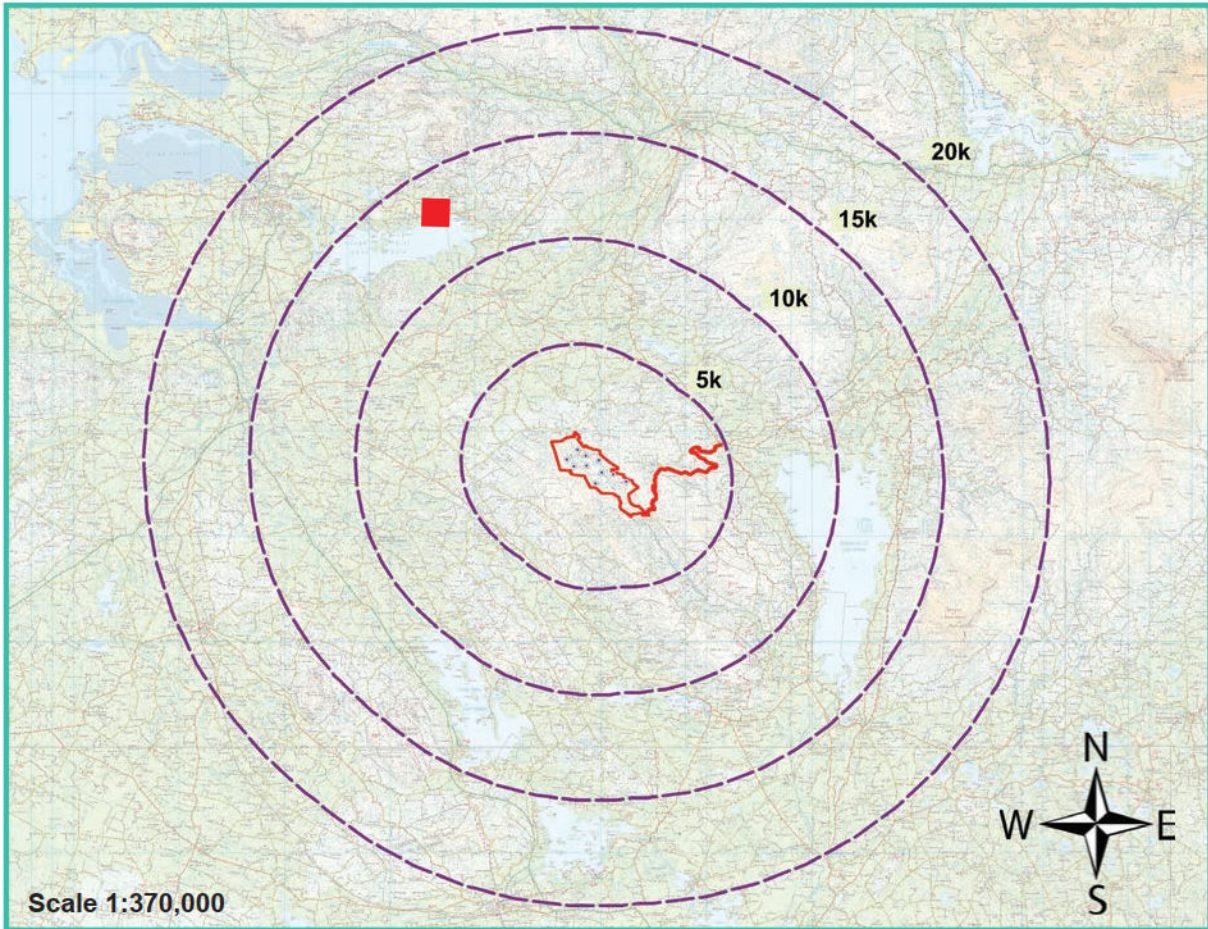
110811_College Campus - WVF Photomontage Layout (Tubane layout 53.5deg aerial layout 2019 (2019) (1) 9-10-2019 (9-10-2019))



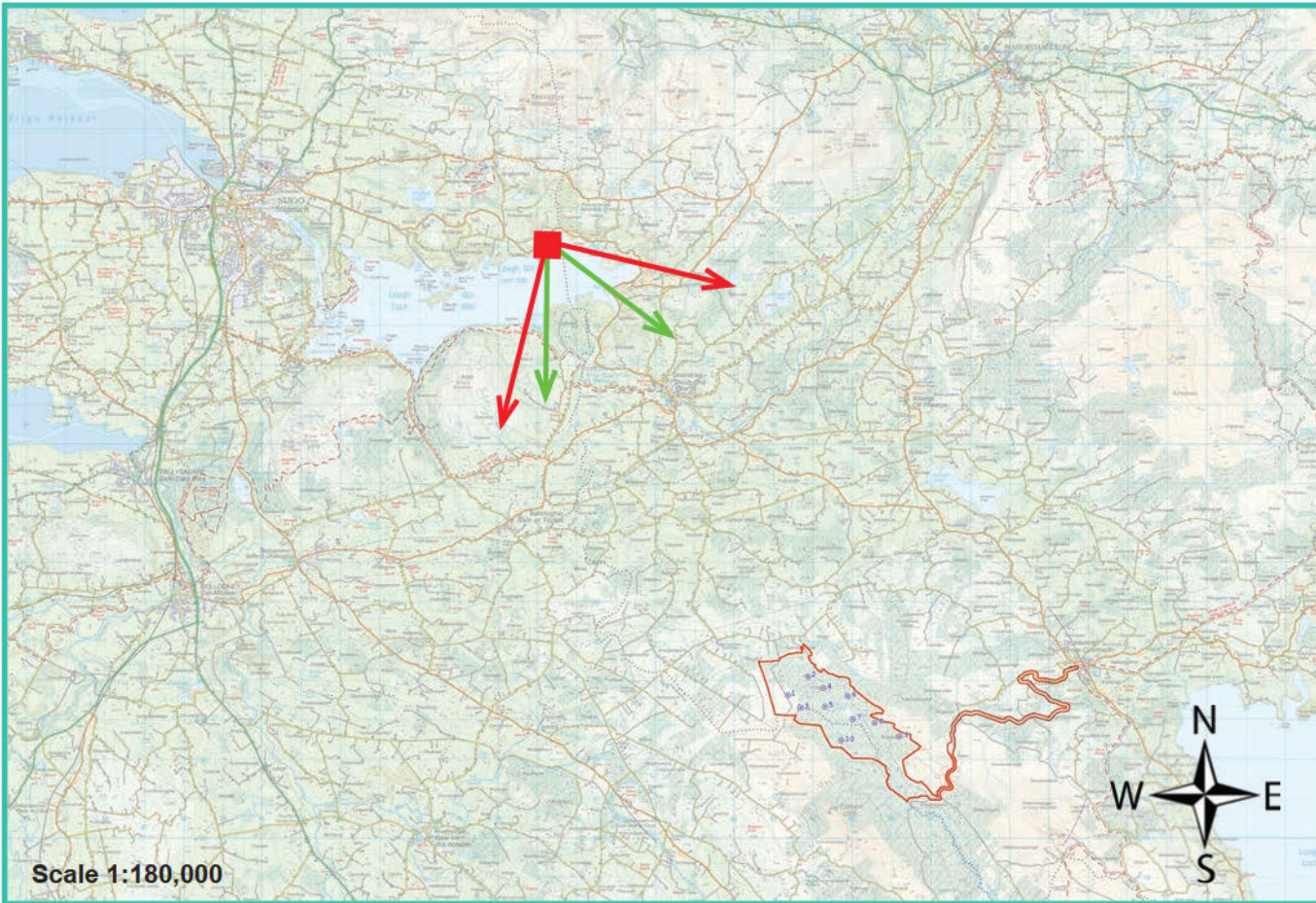
Photomontage 5

View Point: View from car park off R286 on Lough Gill Drive marked as a Viewing Point over Lough Gill on OS map in the townland of Corwillick, Co. Sligo, approximately 12.8 kilometres north-west of the nearest turbine.

View point grid reference (Irish Grid)	177,241(E); 335,006(N)
Date of image taken	11.9.2019
Time of image taken	1:17pm
View point elevation	8m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	148°
Horizontal extent of proposed turbines	7°
Distance to nearest proposed turbine	12.8 km (T2)
Number of proposed turbines visible	10/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

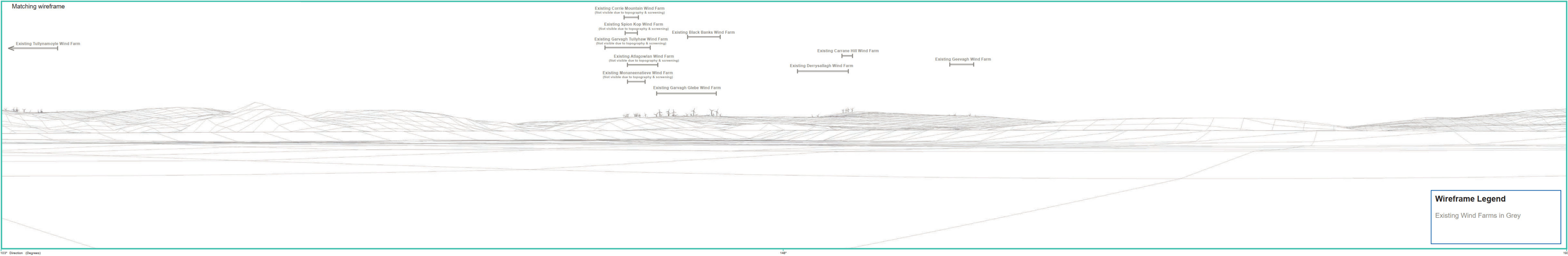
Permitted Wind Farms in Pink

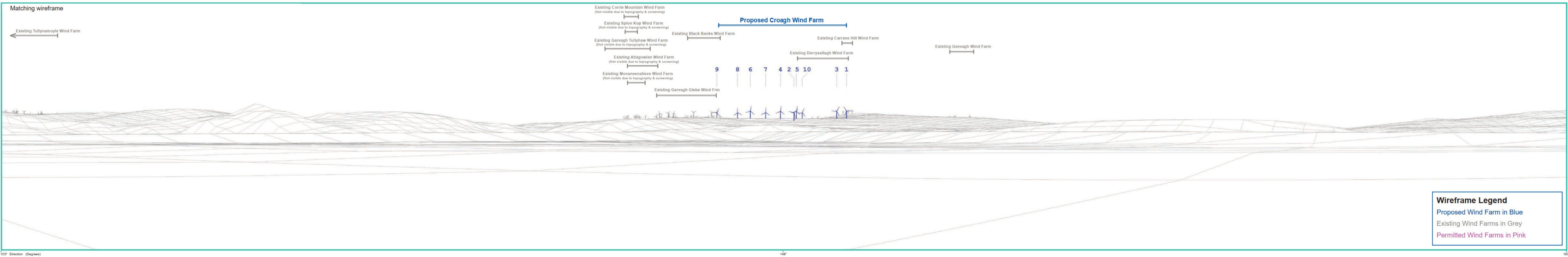
Prepared by

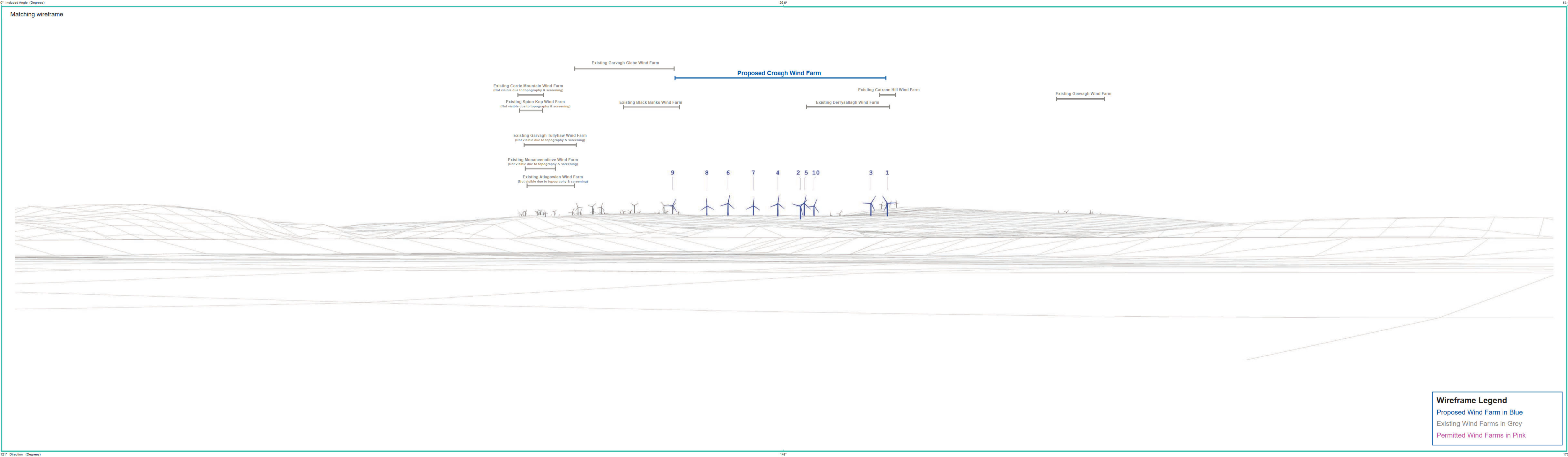
MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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





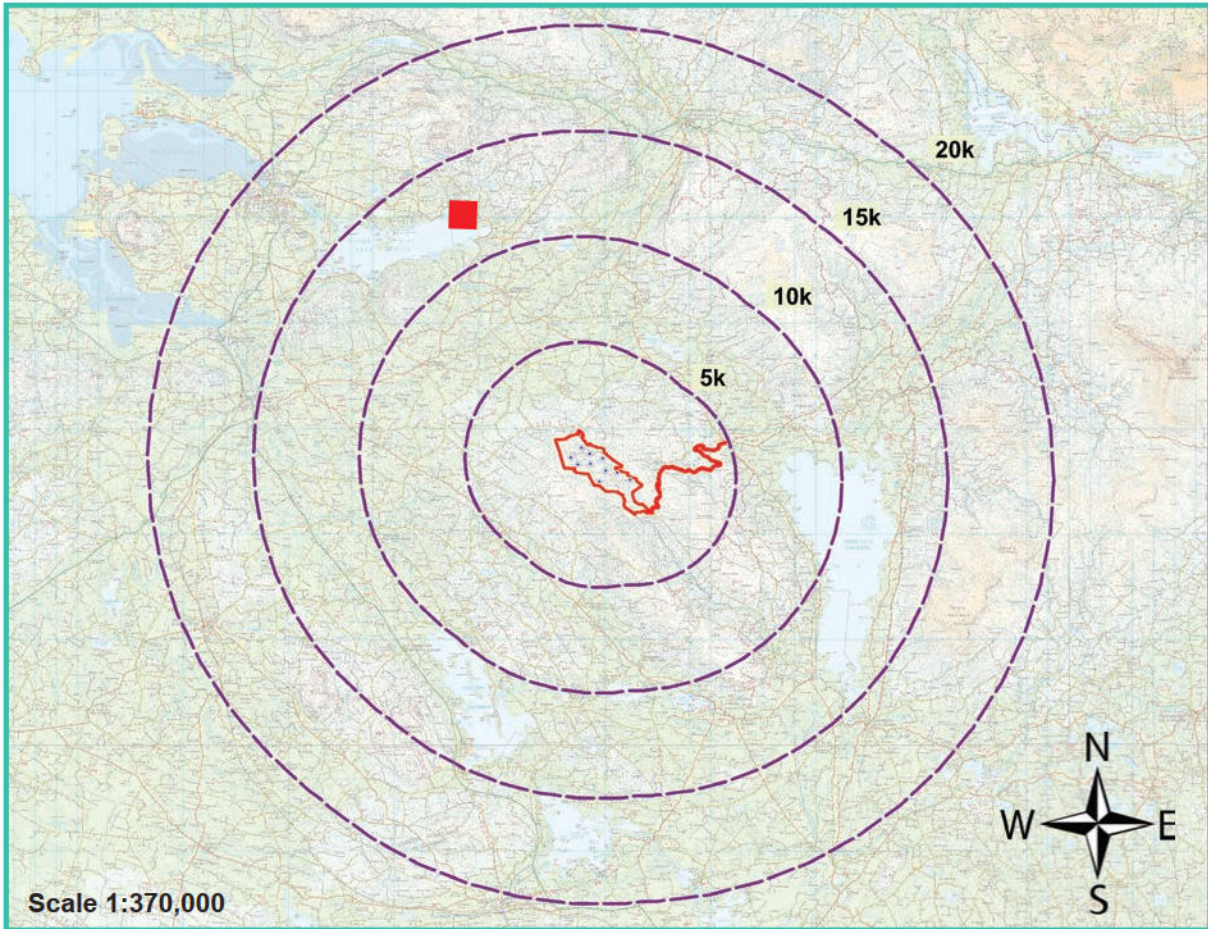




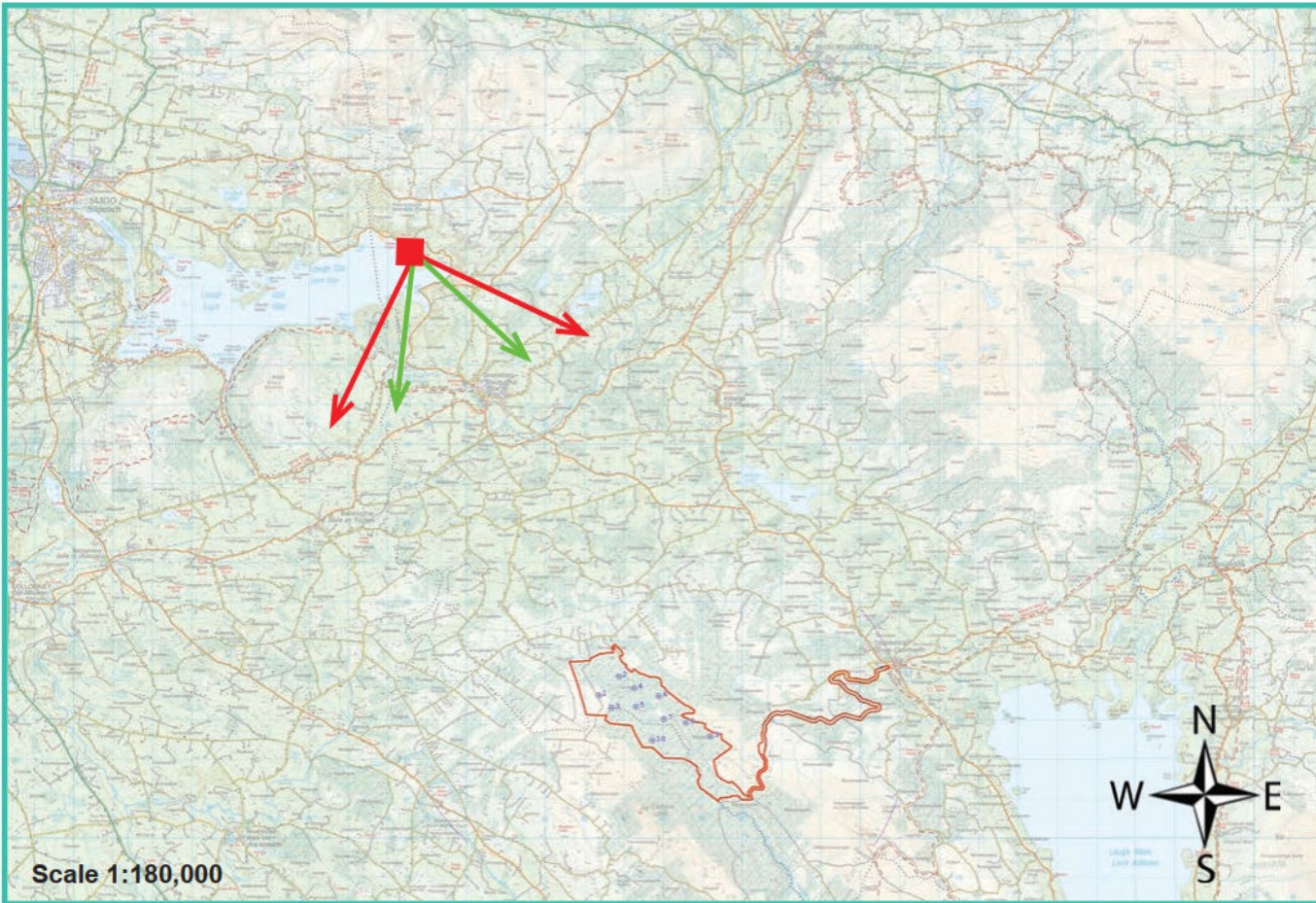
Photomontage 6

View Point: View taken from Parke's Castle between the R286 regional road and Lough Gill, Co. Leitrim. This location is within the townland of Kilmore, approximately 12.89 kilometres north-west of the nearest turbine.

View point grid reference (Irish Grid)	178,285(E); 335,075(N)
Date of image taken	01.08.2019
Time of image taken	6:12PM
View point elevation	12m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	164°
Horizontal extent of proposed turbines	9°
Distance to nearest proposed turbine	12.89 km (T2)
Number of proposed turbines visible	8/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
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 (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

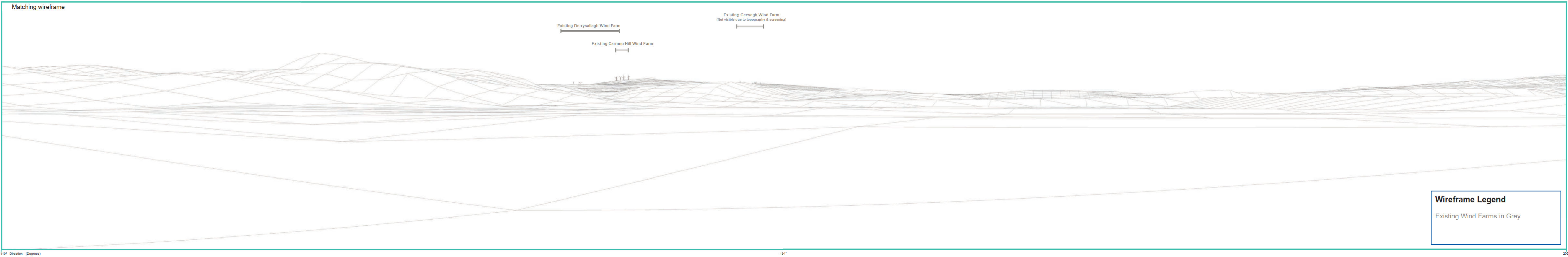
Prepared by

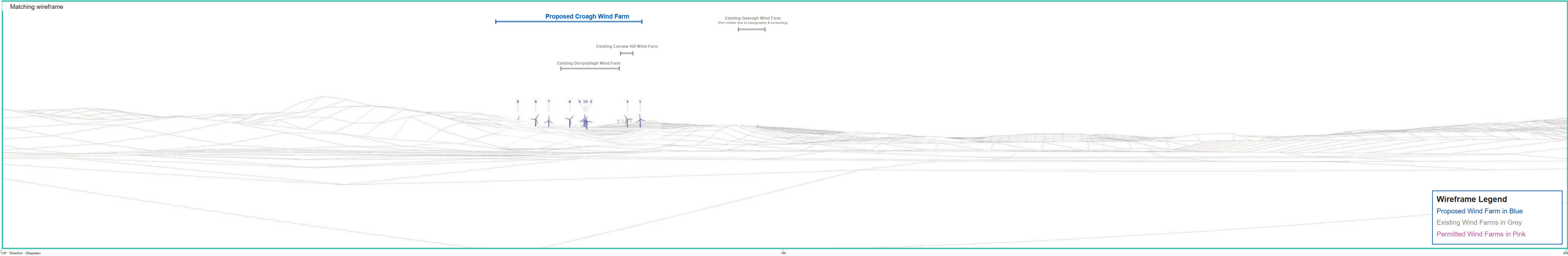
MKO
Planning & Environmental Consultants
Tuam Road, Galway.

MKO

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

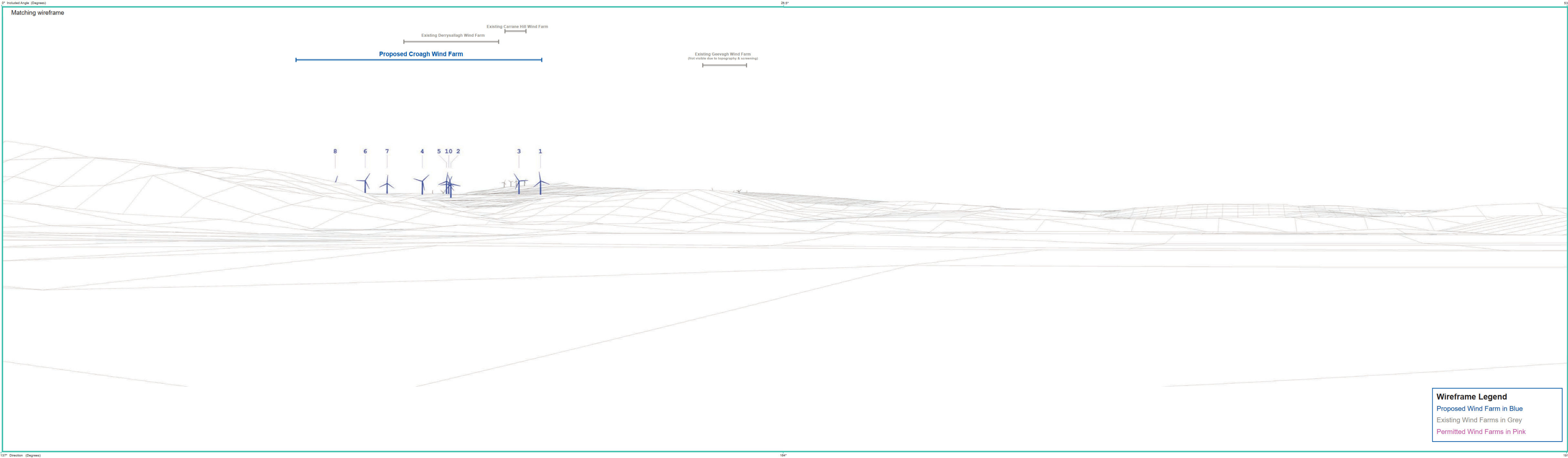






Proposed Photomontage at 53.5 degrees with Cumulative

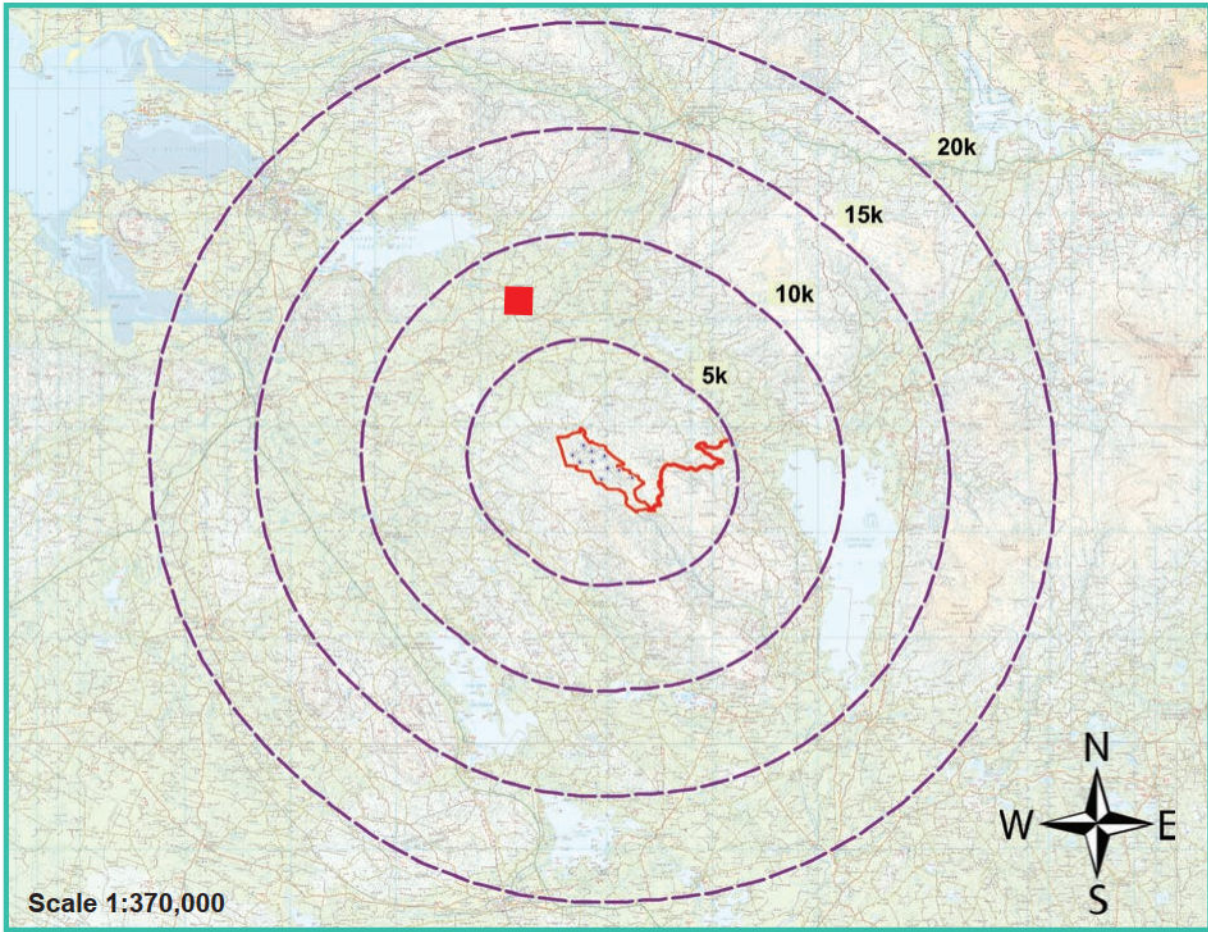




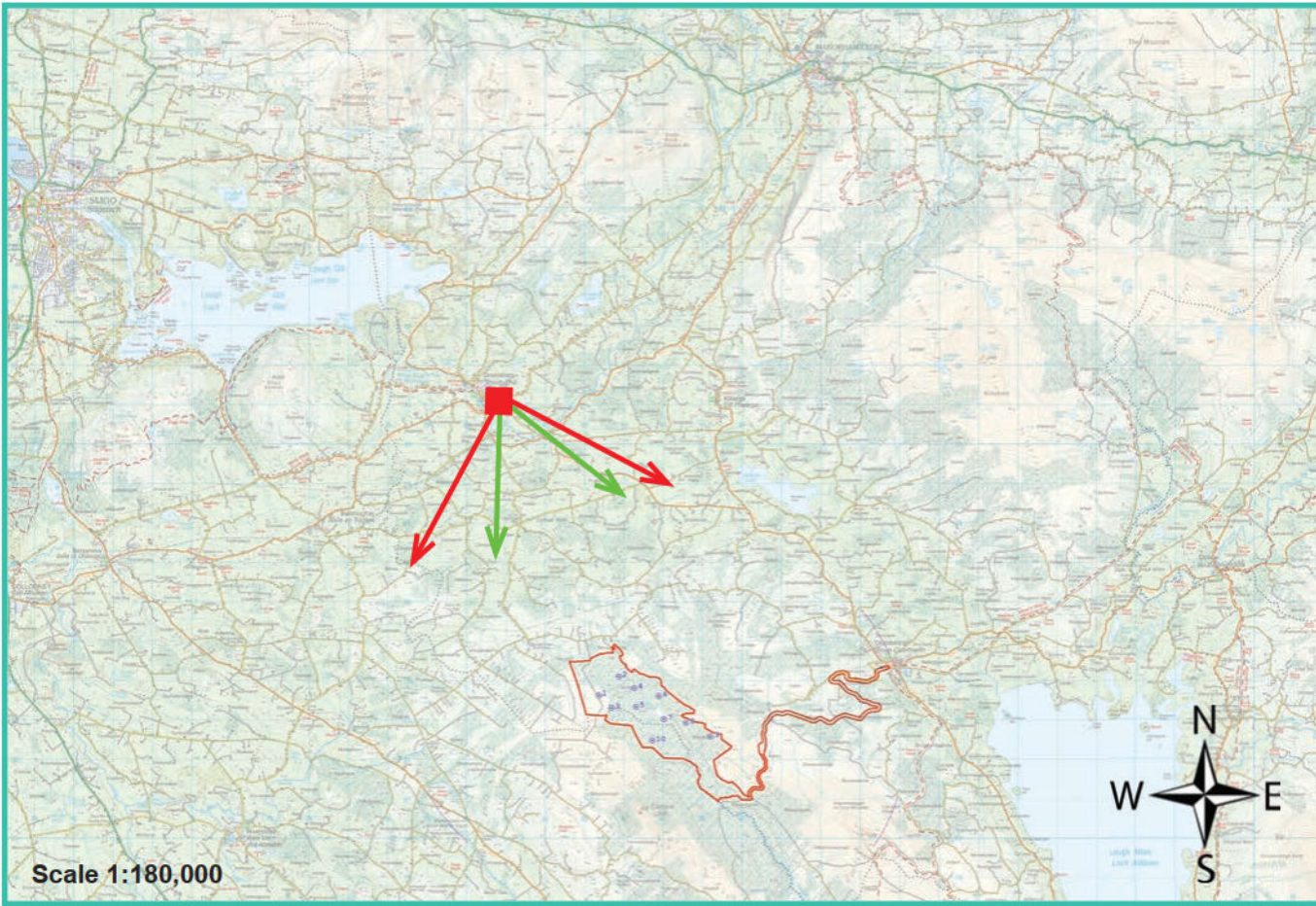
Photomontage 7

View Point: View from the townland of Dromahair, Co. Leitrim, taken on the R288, approximately 8.25 km north-west of the nearest turbine.

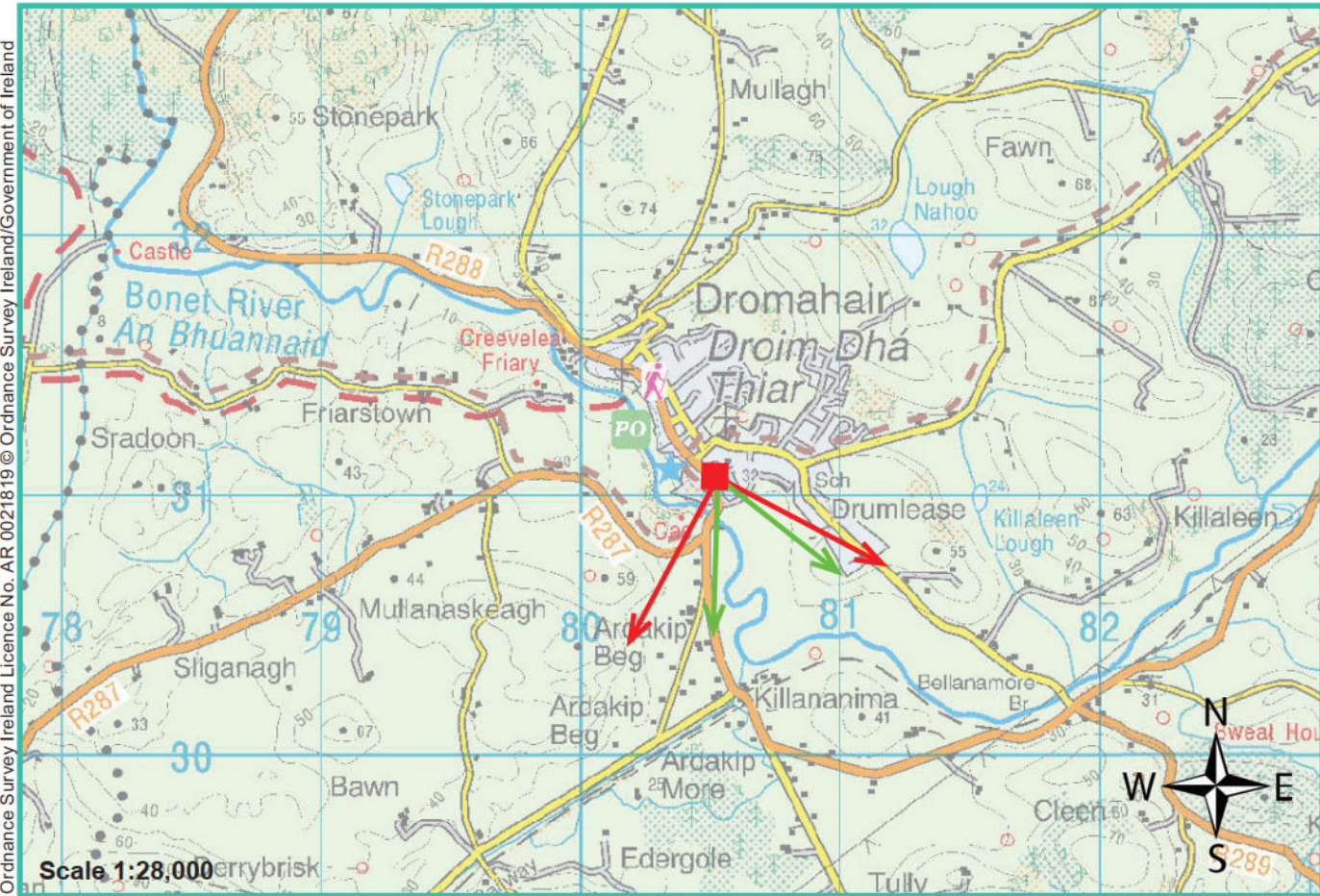
View point grid reference (Irish Grid)	180,495(E); 331,092(N)
Date of image taken	01.08.2019
Time of image taken	4:11pm
View point elevation	31m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	162°
Horizontal extent of proposed turbines	13°
Distance to nearest proposed turbine	8.25 km (T2)
Number of proposed turbines visible	10/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
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 (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO

Planning & Environmental Consultants

Tuam Road, Galway.

Tel: (091) 73 56 11

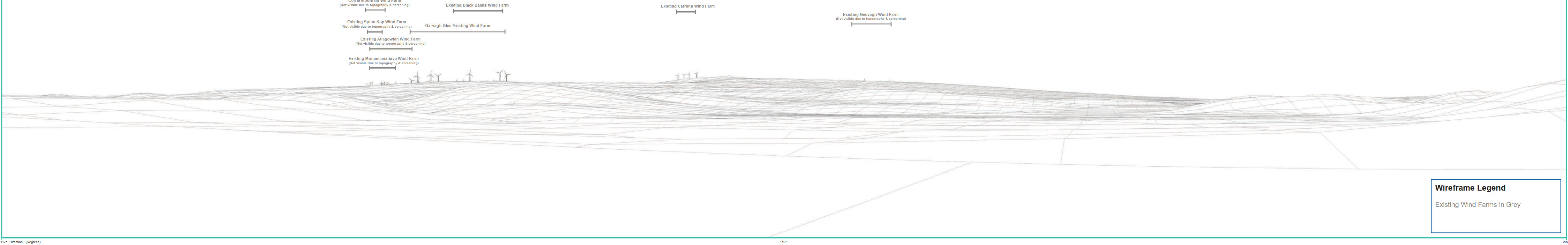
E-mail: info@mkofireland.ie

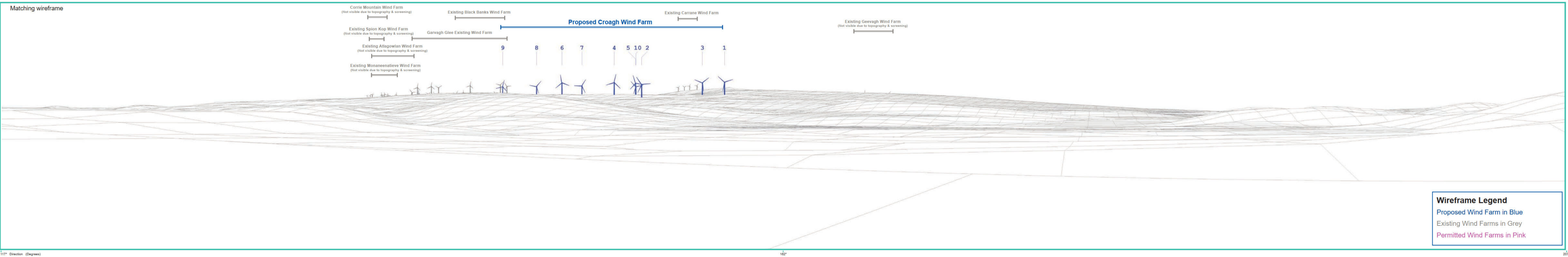
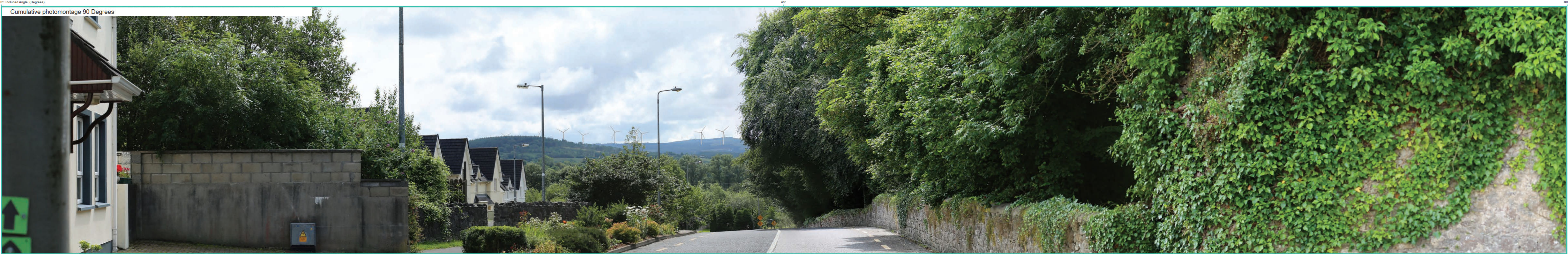
Website: www.mkofireland.ie



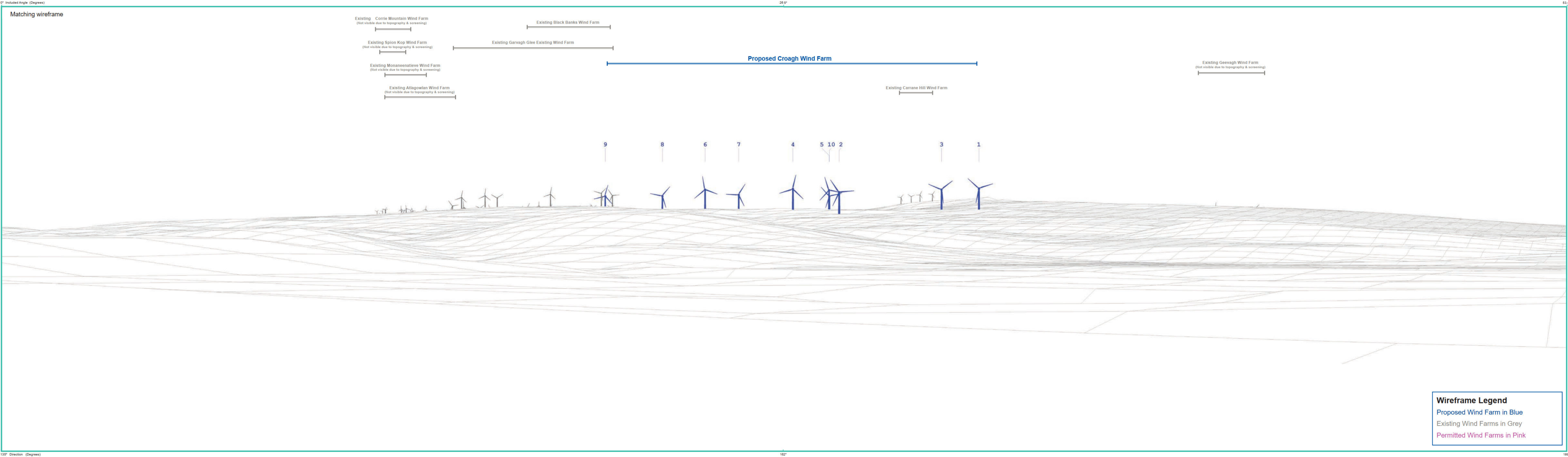


Matching wireframe





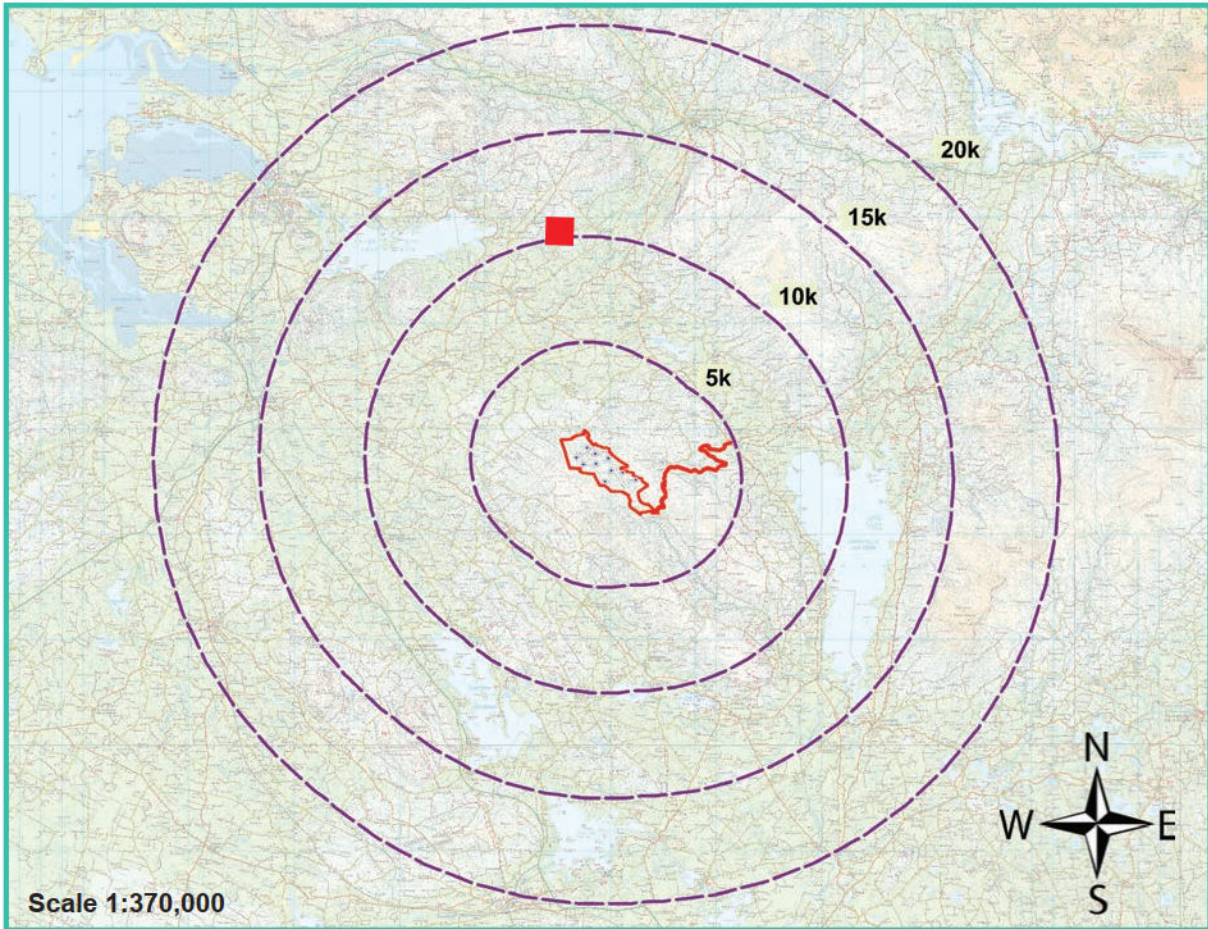




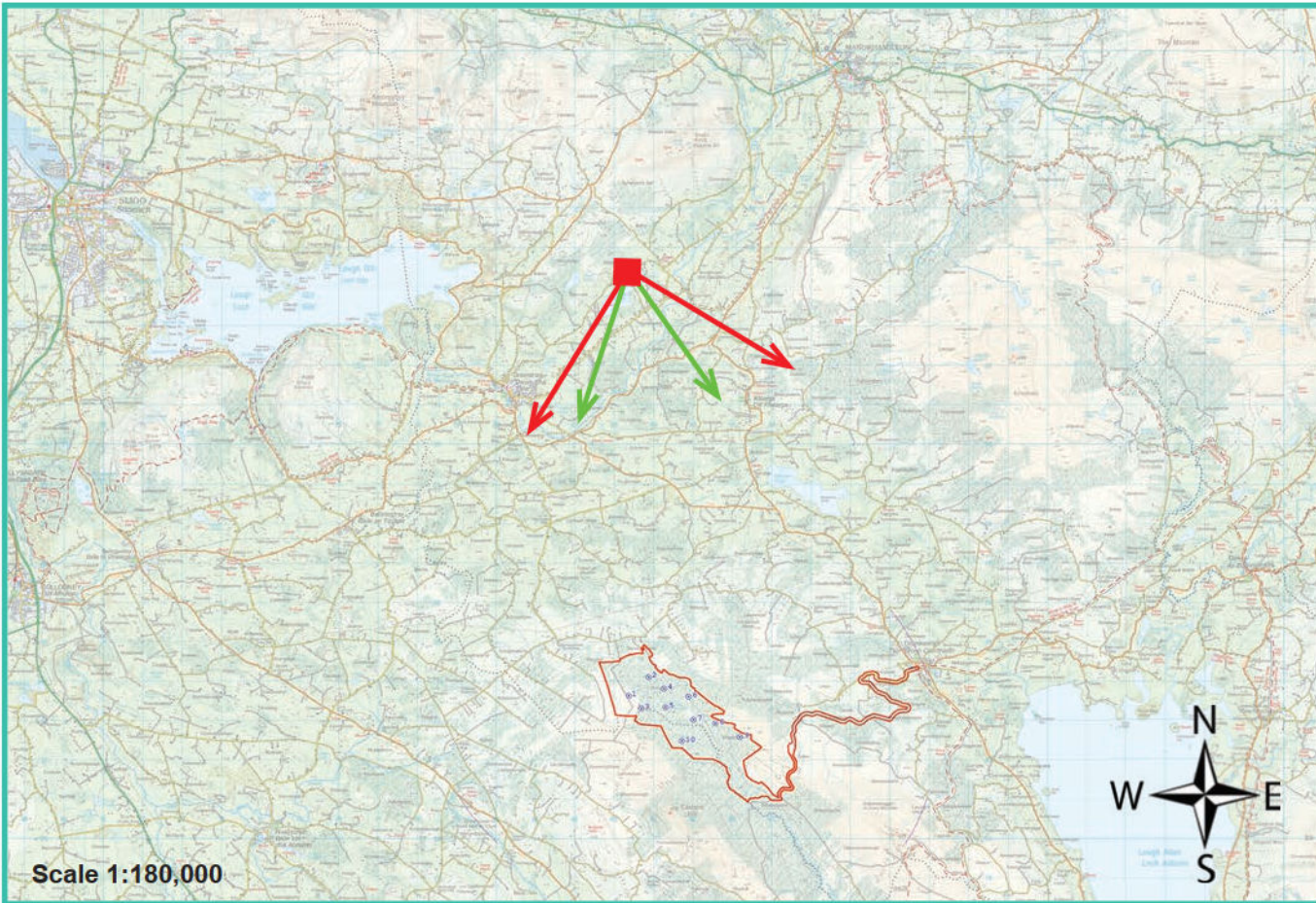
Photomontage 8

View Point: View from Co. Leitrim designated Scenic View No. 15 on the local road in the townland of Carrigeencor, Co. Leitrim, to the north of Carrigeencor Lough, approximately 10.66 km north of the nearest turbine.

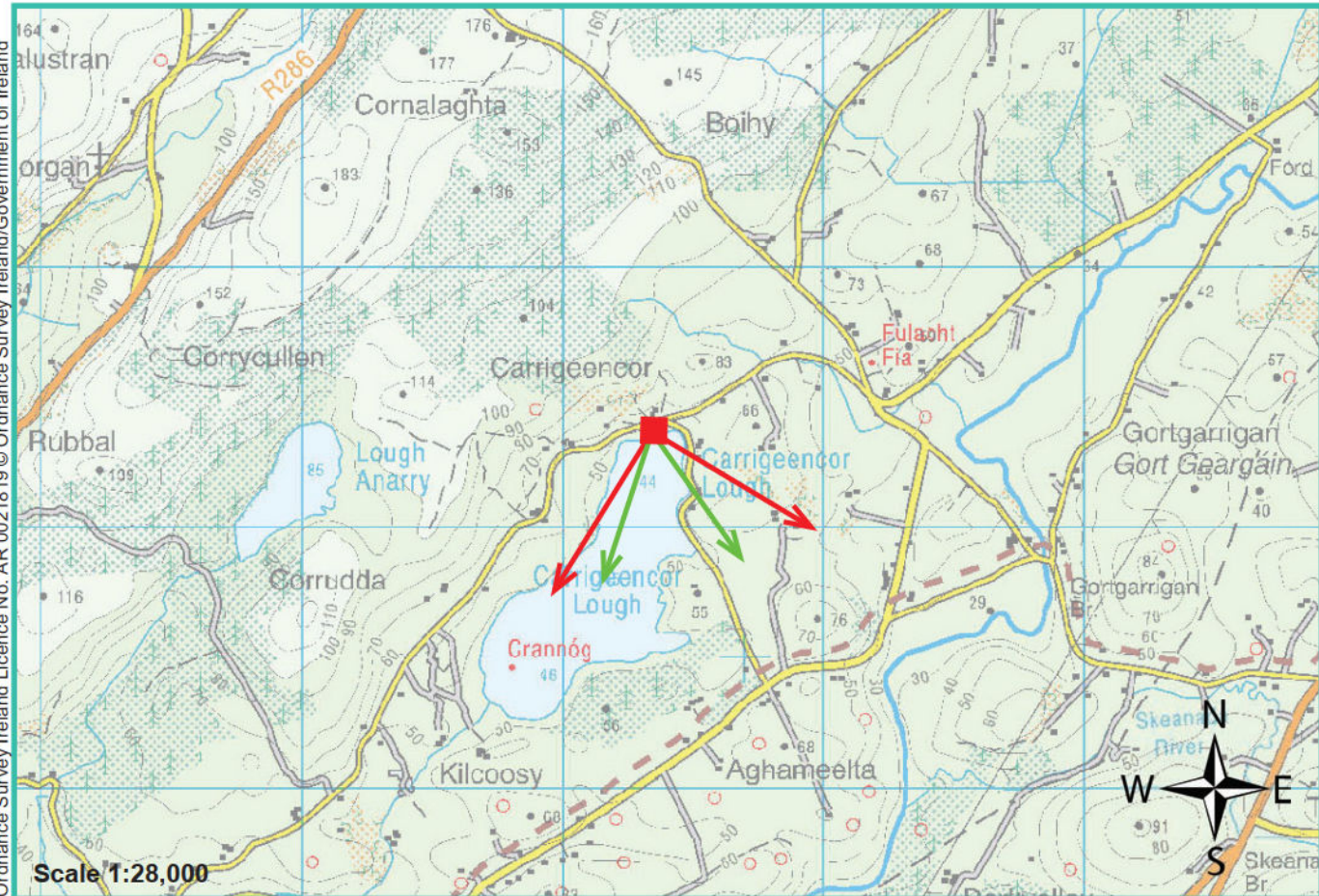
View point grid reference (Irish Grid)	183,367(E); 334,416(N)
Date of image taken	27.10.2017
Time of image taken	2:52AM
View point elevation	52m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	174°
Horizontal extent of proposed turbines	14°
Distance to nearest proposed turbine	10.66 km (T2)
Number of proposed turbines visible	10/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
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 (core boundary outlined in red).



Detail of view point location.

Map Legend
Area shown in 90-degree view

Area shown in 53.5-degree view

View point

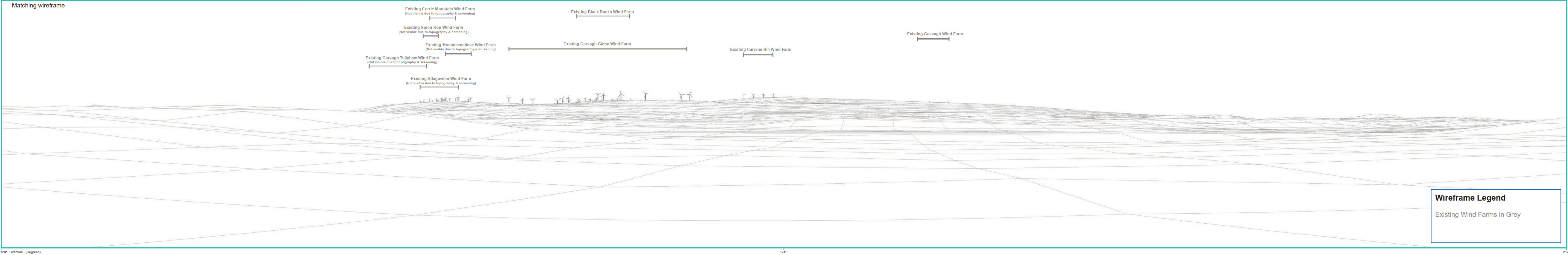
EIAR Site Boundary

Wireframe Legend
Proposed Wind Farm in Blue
Existing Wind Farms in Grey
Permitted Wind Farms in Pink

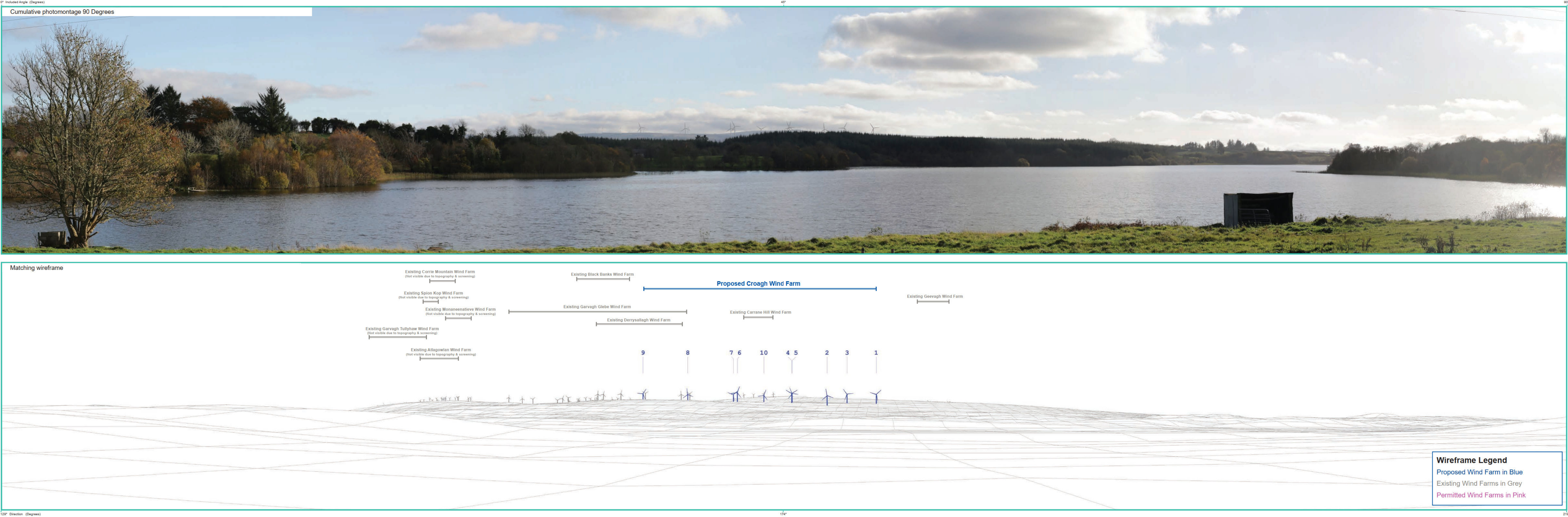
Prepared by
MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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



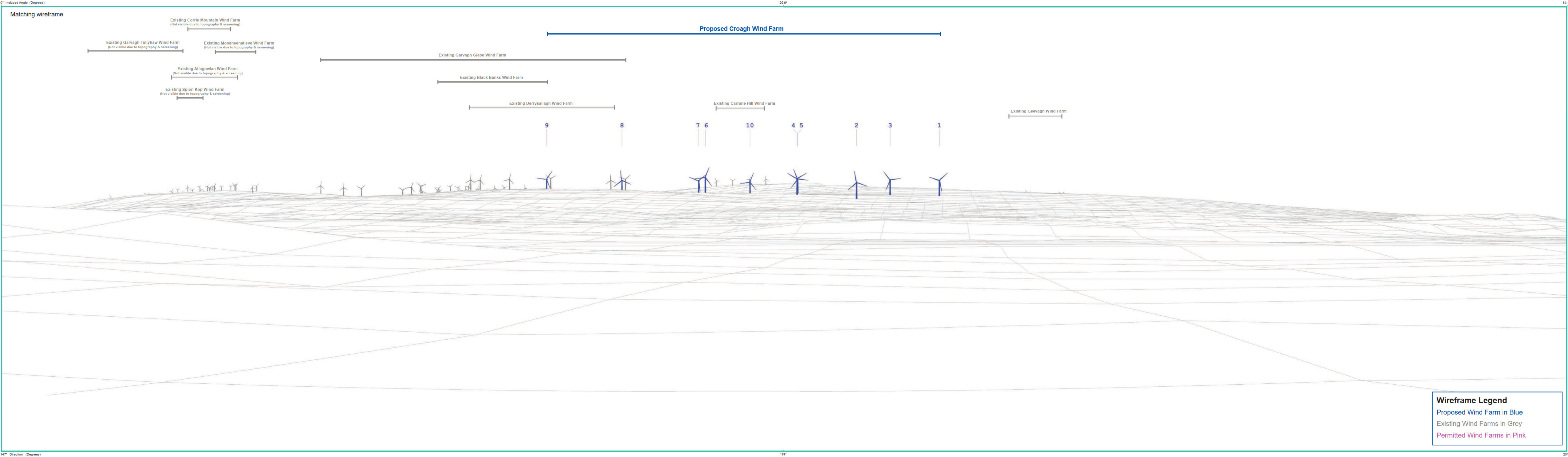


150511 Collie Carrane Hill WF (Photomontage Layout) Tinted layout 03.5 deg (near layout 2019) (Shaded) (15.0-2019.14.09)



Proposed Photomontage at 53.5 degrees with Cumulative



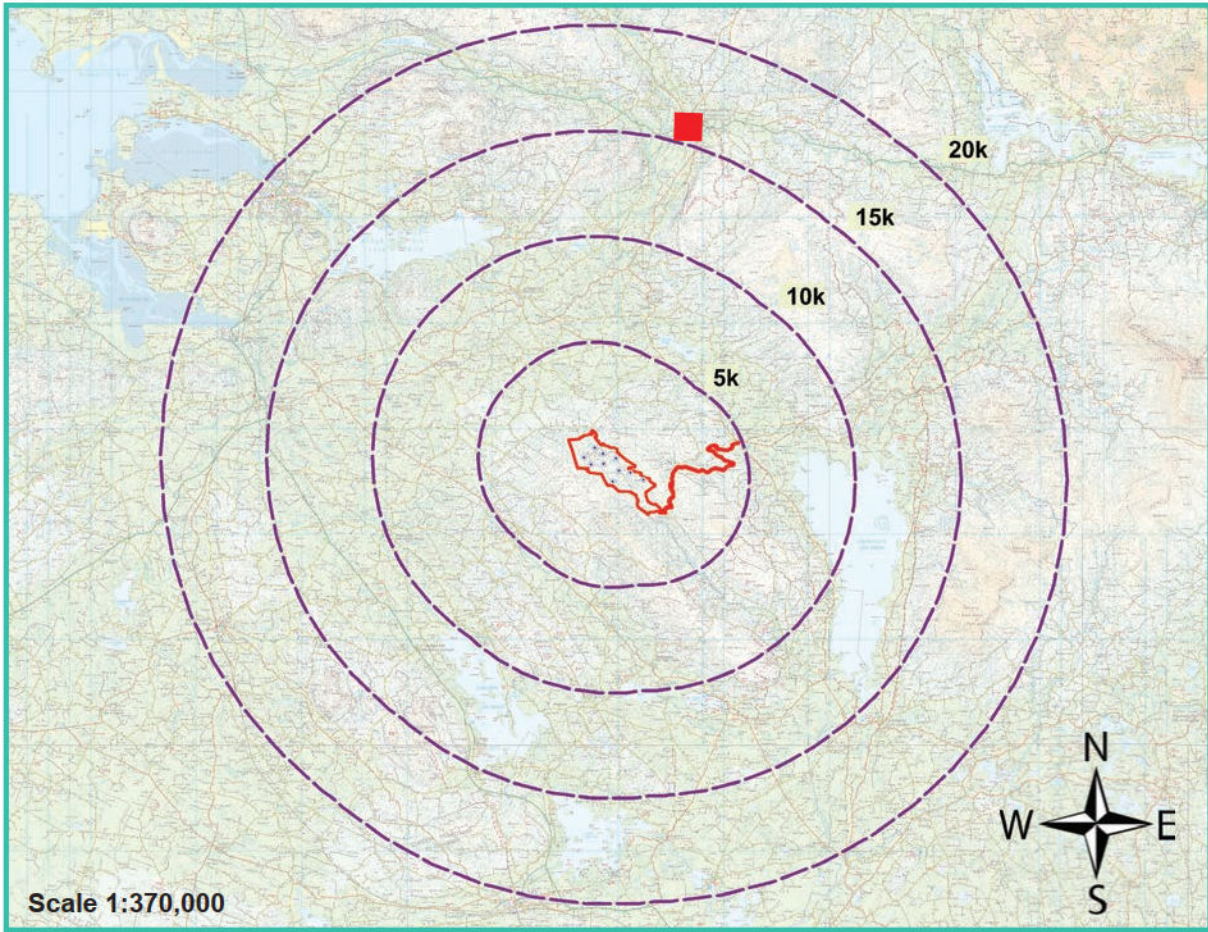


180° Corrie Mountain Hill WT (Photomontage Layout) 03.5.jpg (24x11) 14.9.2013 (4x4)

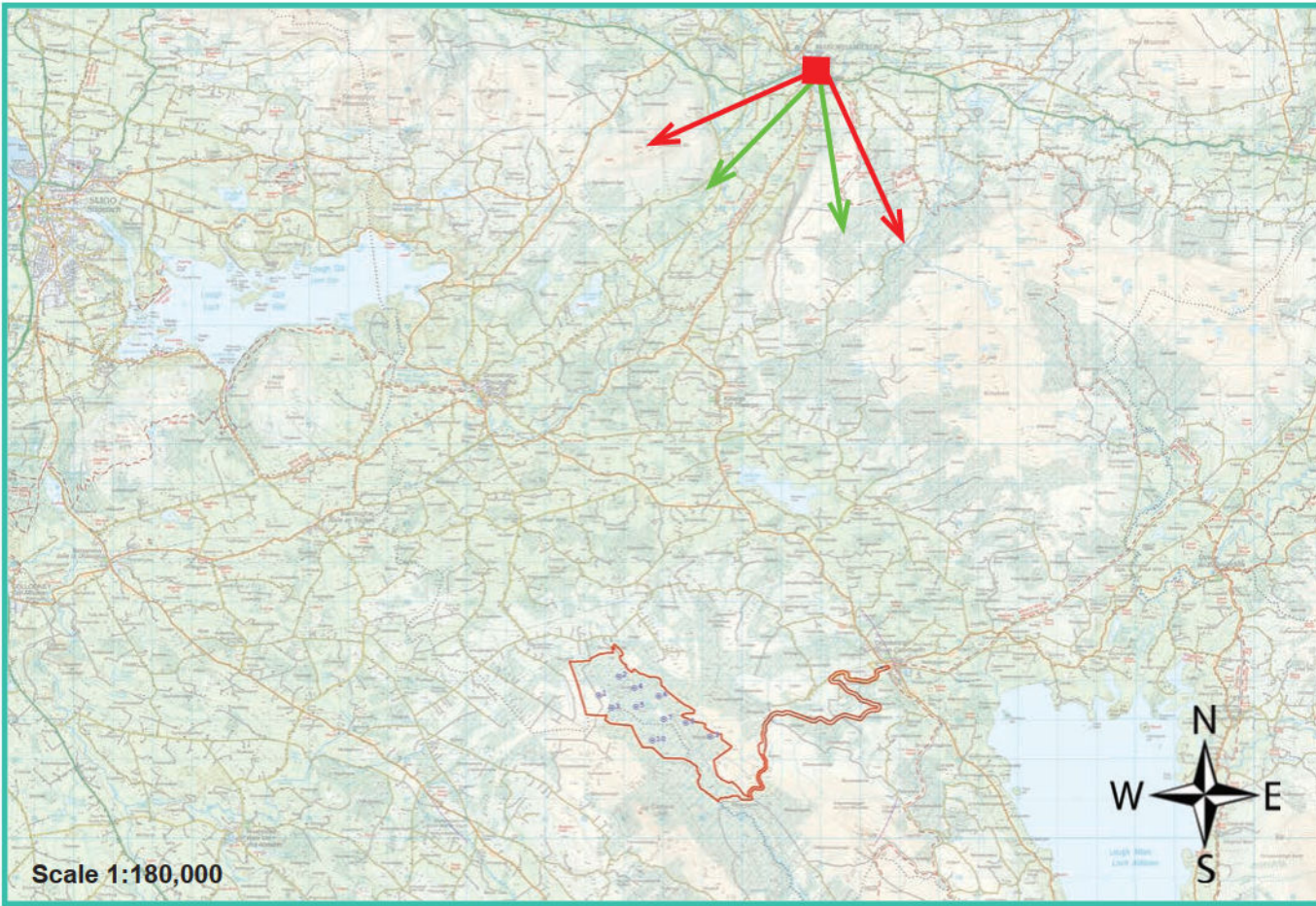
Photomontage 9

View Point: View taken from McDermott Terrace housing estate in the townland of Manorhamilton, approximately 16.03 km north--west of the of the nearest turbine.

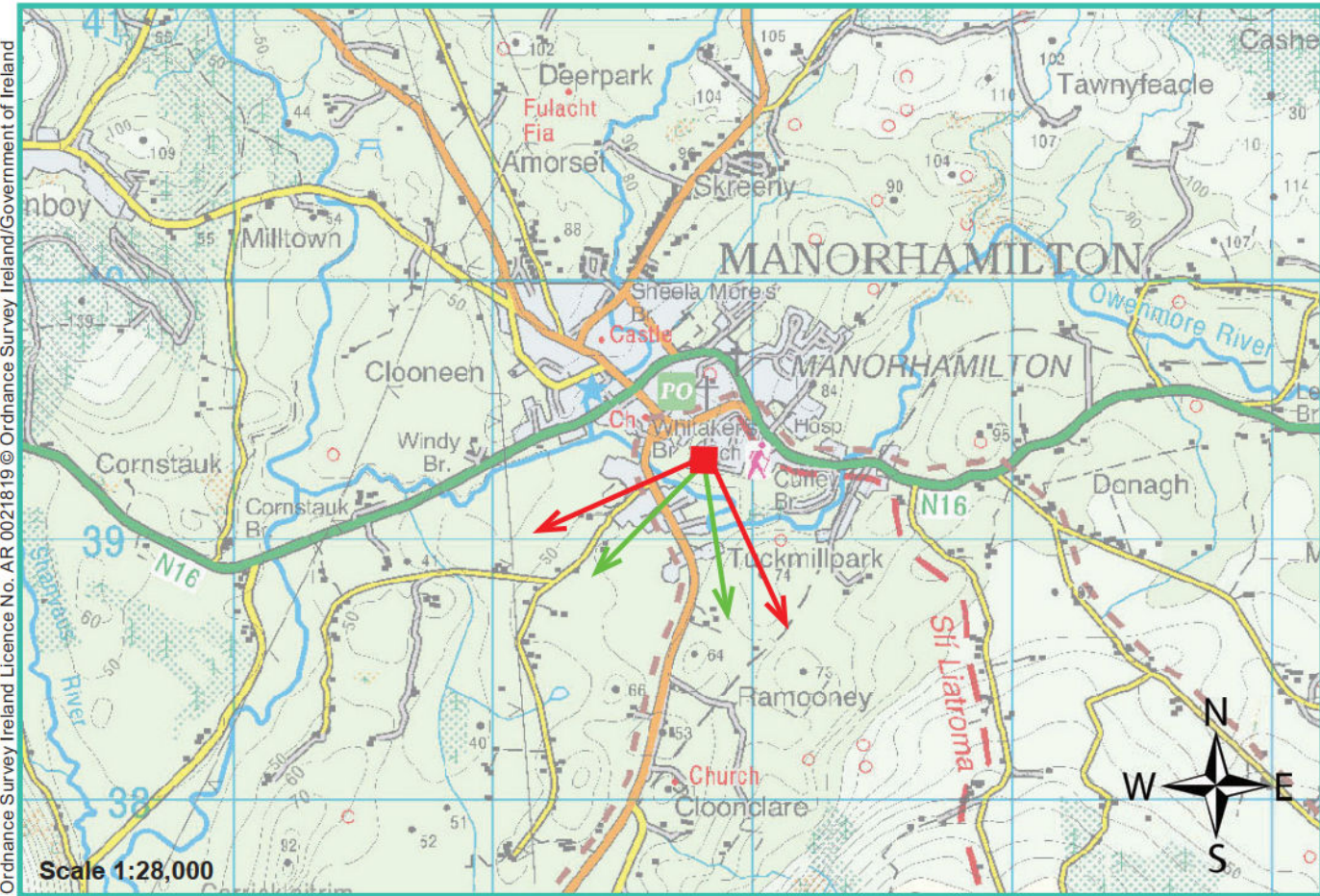
View point grid reference (Irish Grid)	188,867(E); 339,320(N)
Date of image taken	01.08.2019
Time of image taken	10:35AM
View point elevation	66m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	201°
Horizontal extent of proposed turbines	11°
Distance to nearest proposed turbine	16.03 km (T2)
Number of proposed turbines visible	05/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO

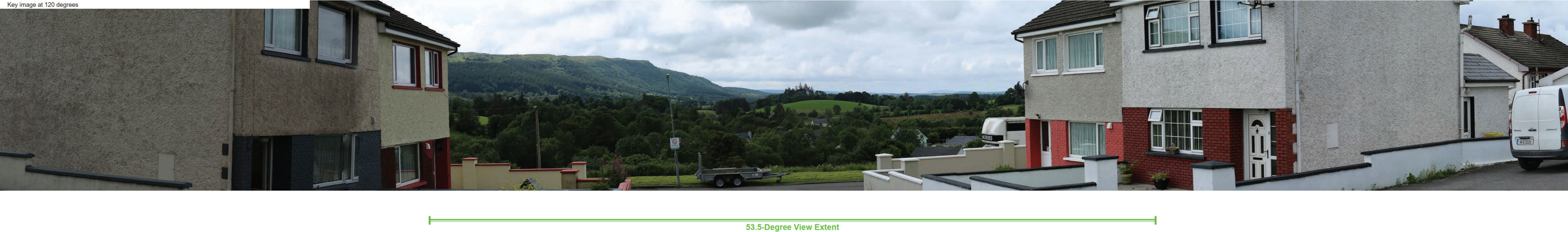
Planning & Environmental Consultants

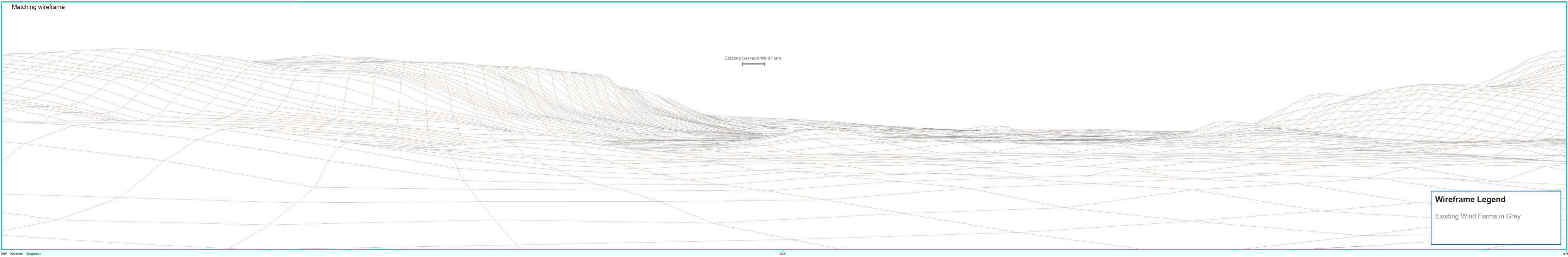
Tuam Road, Galway.

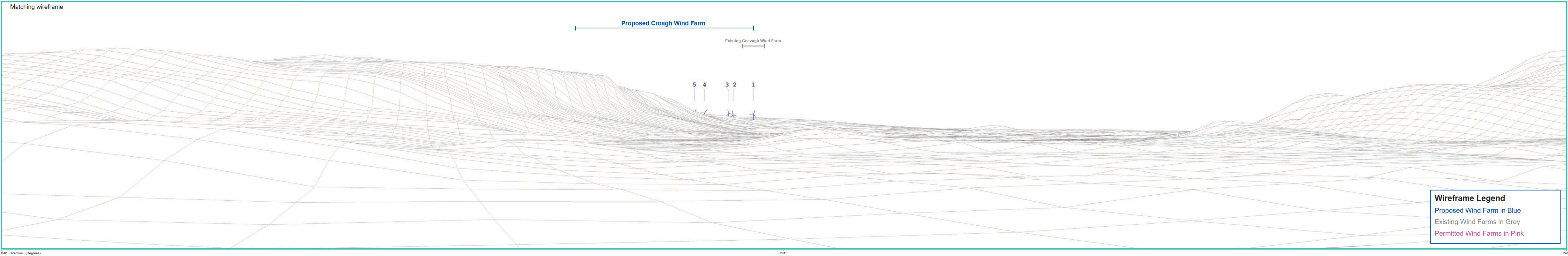
Tel: (091) 73 56 11

E-mail: info@mkofireland.ie

Website: www.mkofireland.ie

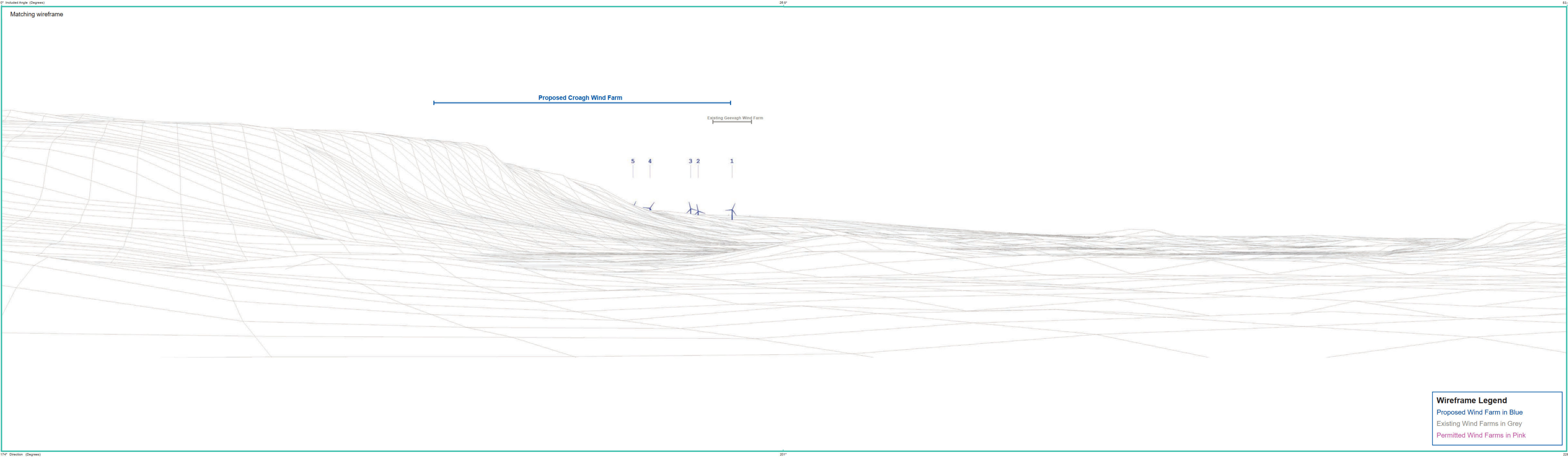








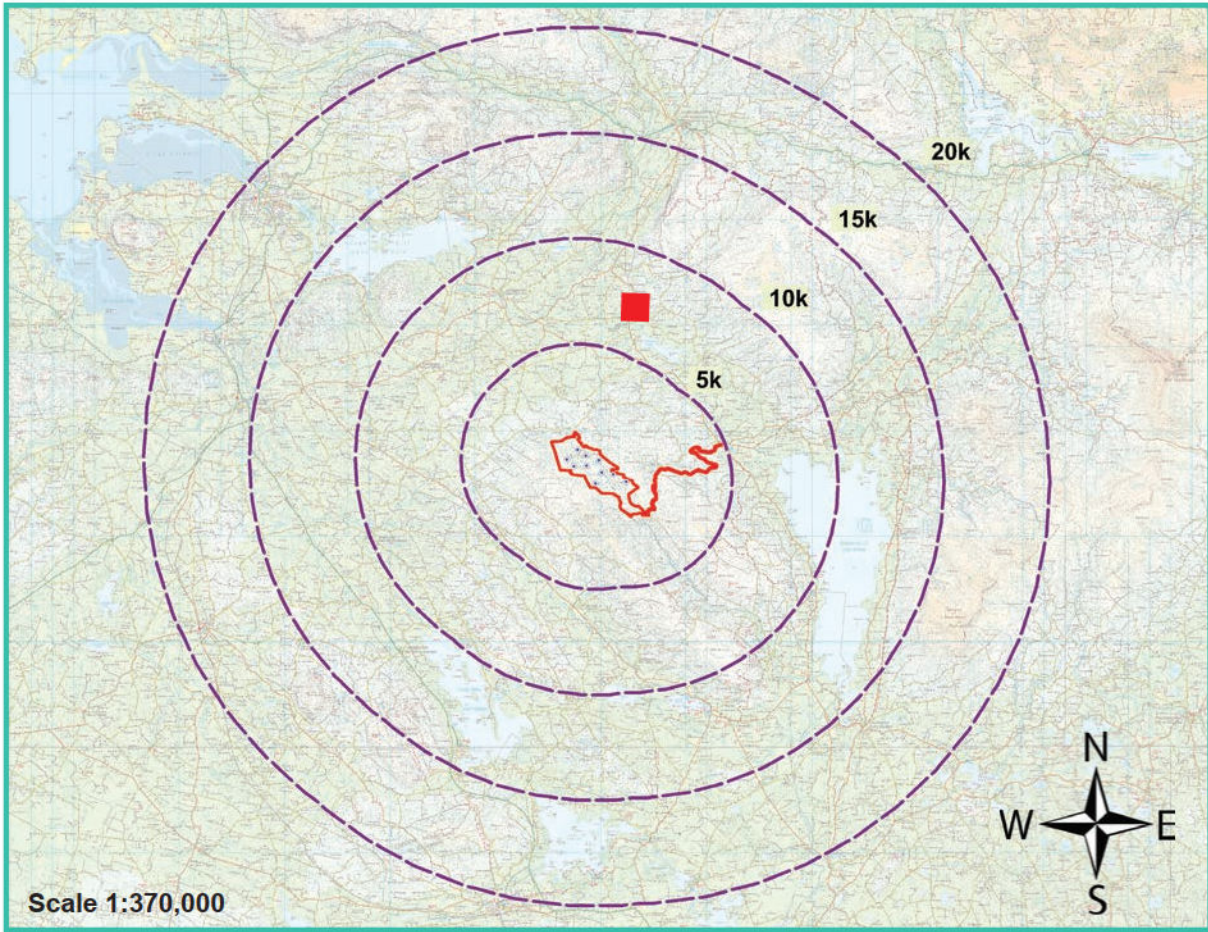
138511 Collin Camera 180° WF Photomontage Layout 1 Tube layout 53.5deg aerial layout 2019 (2019) 11 9 10 2019 (2019)



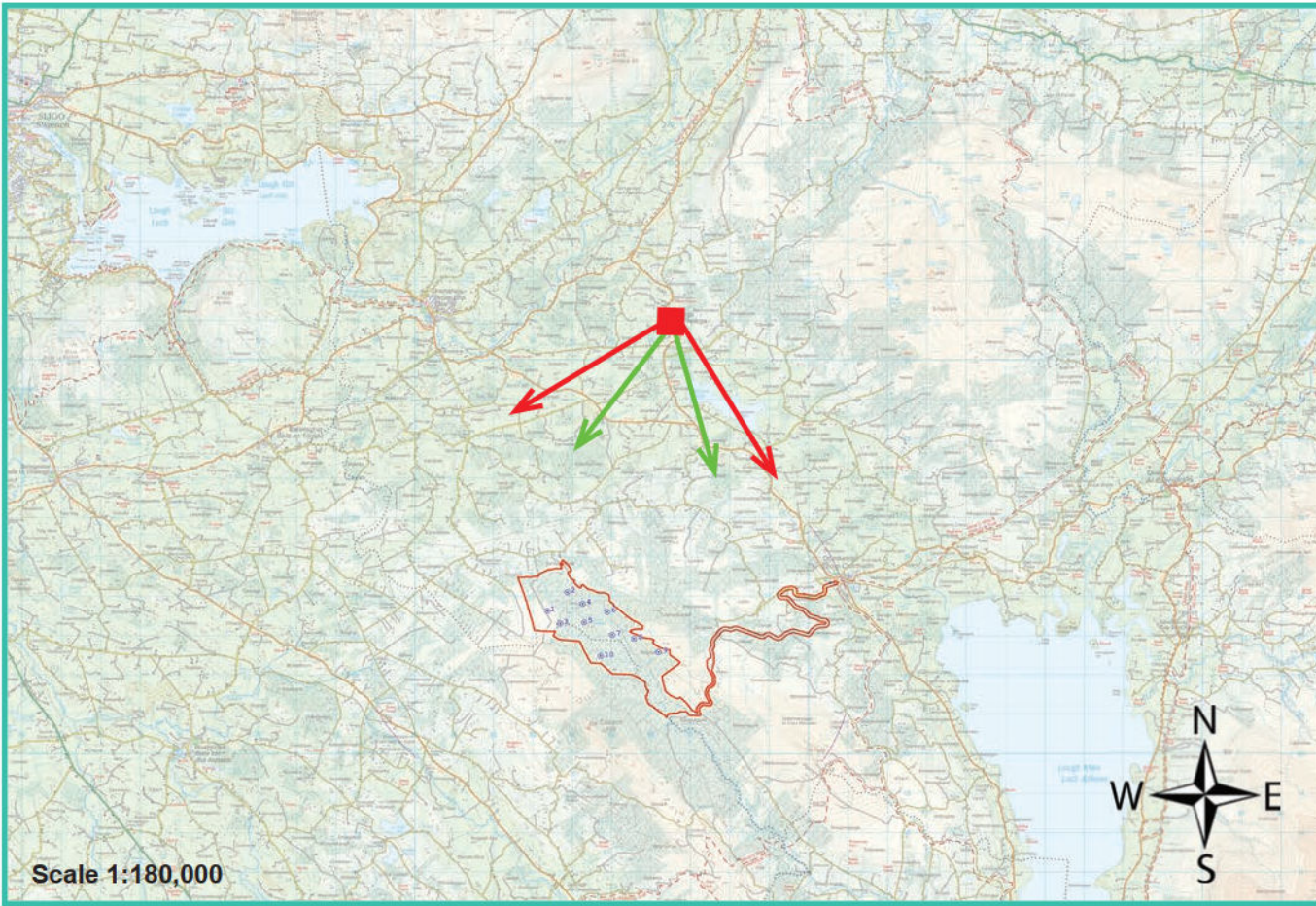
Photomontage 10

View Point: View taken from the R280 opposite the Church in the townland of Killarga, Co. Leitrim, approximately 7.56 kilometres north-east of the nearest turbine.

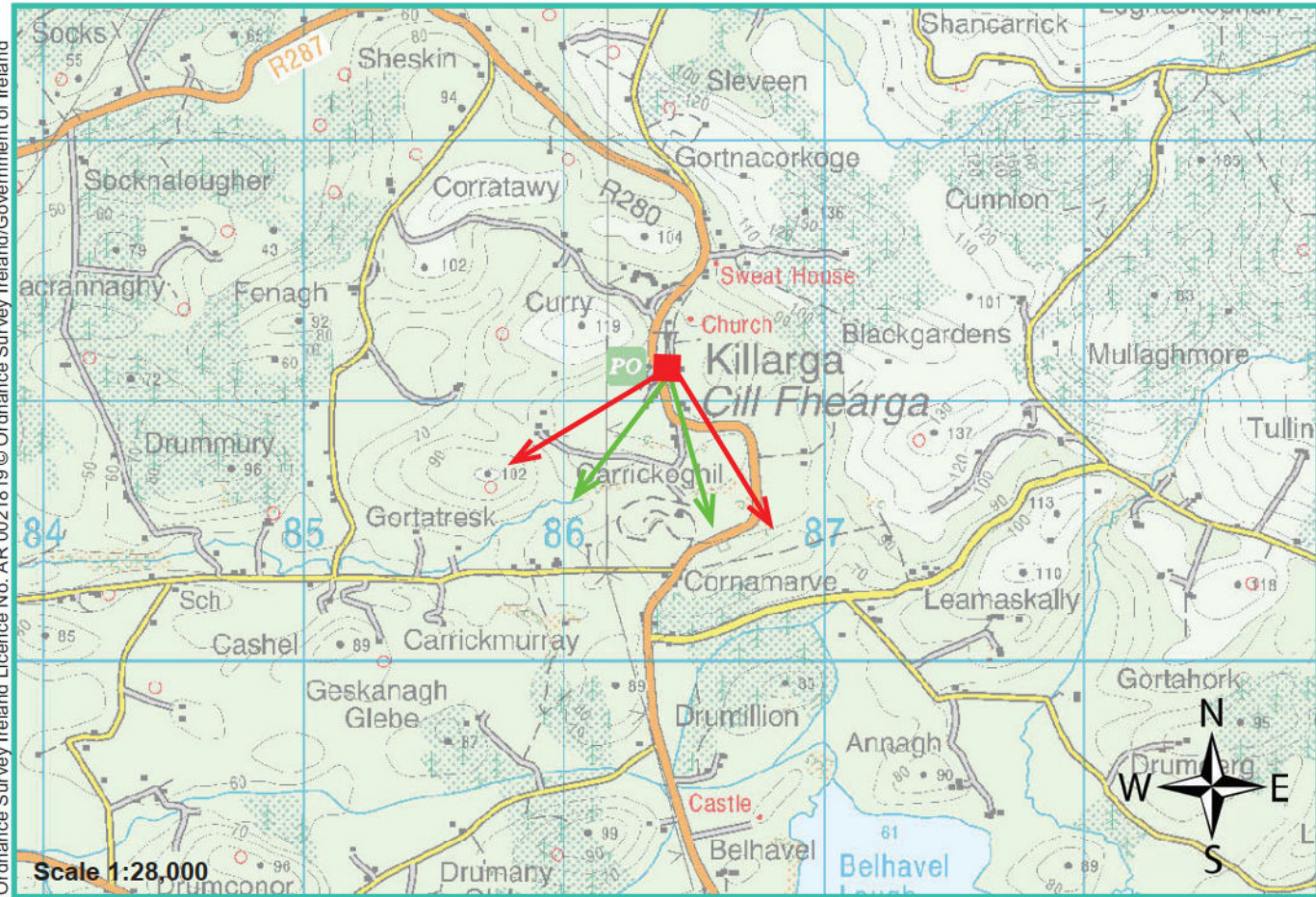
View point grid reference (Irish Grid)	186,354(E); 331,126(N)
Date of image taken	12.6.2019
Time of image taken	6:59PM
View point elevation	80m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	185 °
Horizontal extent of proposed turbines	18°
Distance to nearest proposed turbine	7.56 km (T2)
Number of proposed turbines visible	8/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

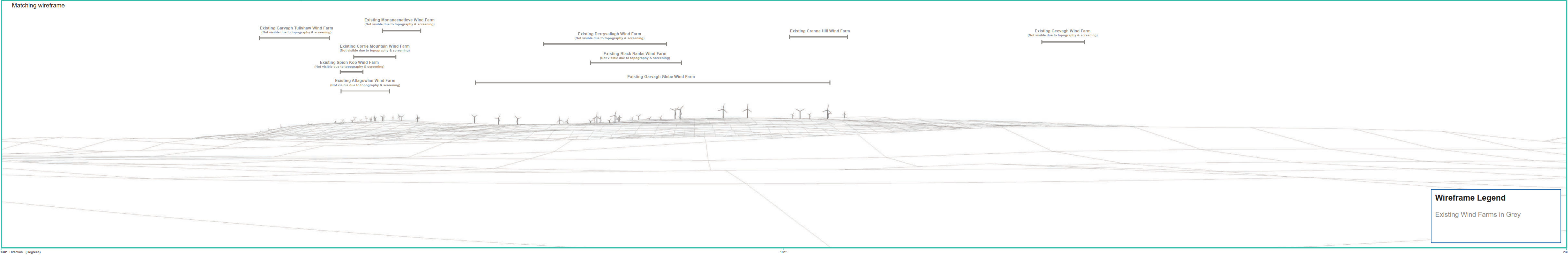
MKO

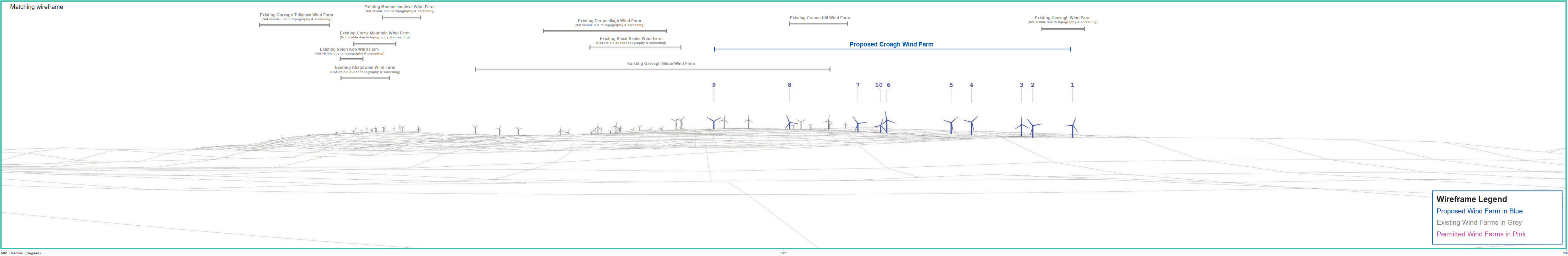
Tel: (091) 73 56 11
E-mail: info@mkofireland.ie
Website: www.mkofireland.ie

Key image at 120 degrees

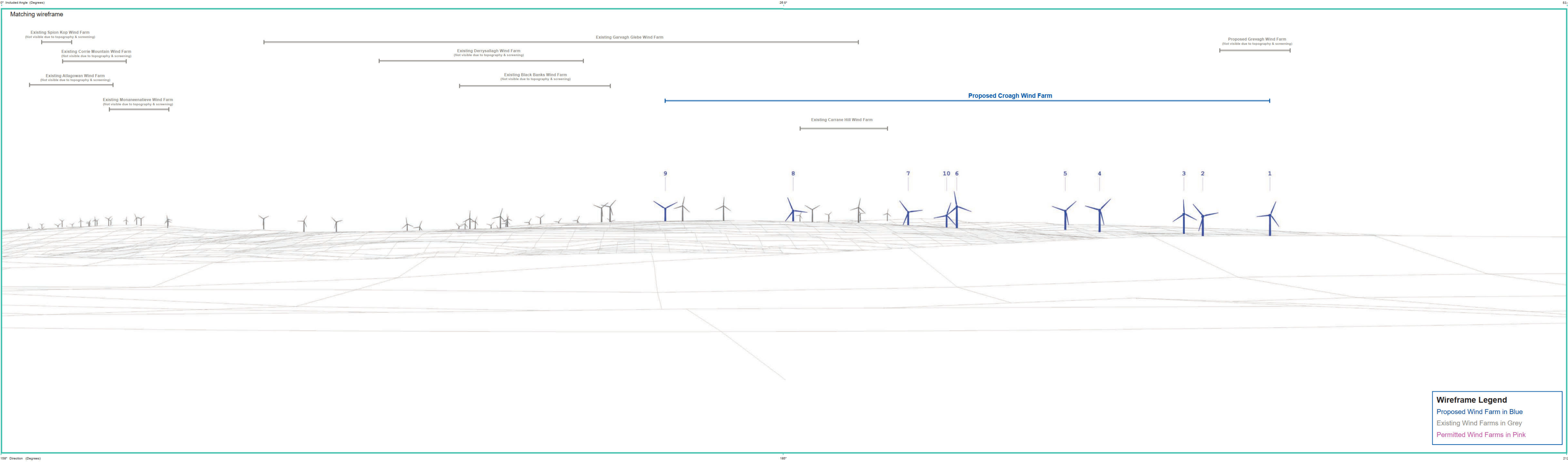


53.5-Degree View Extent





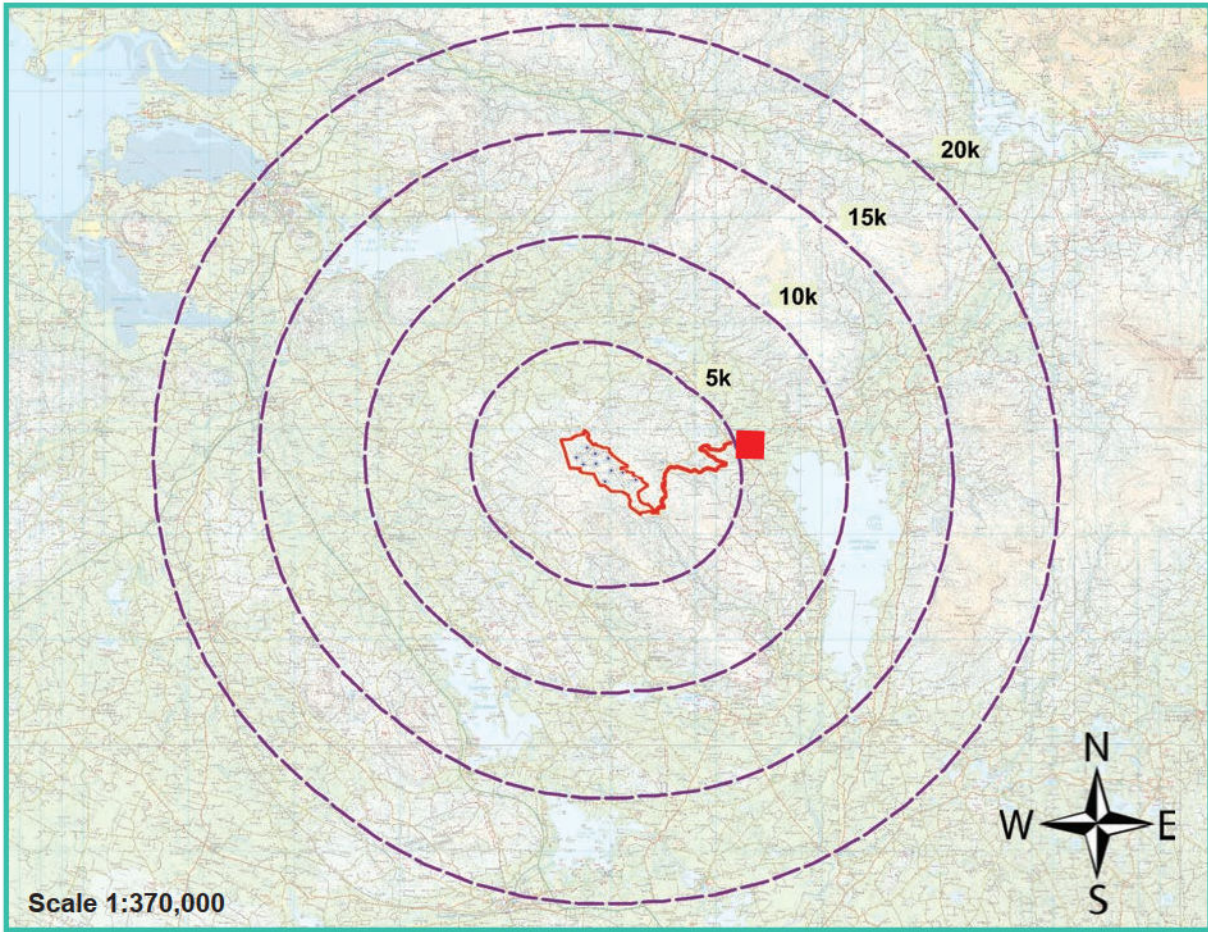
185



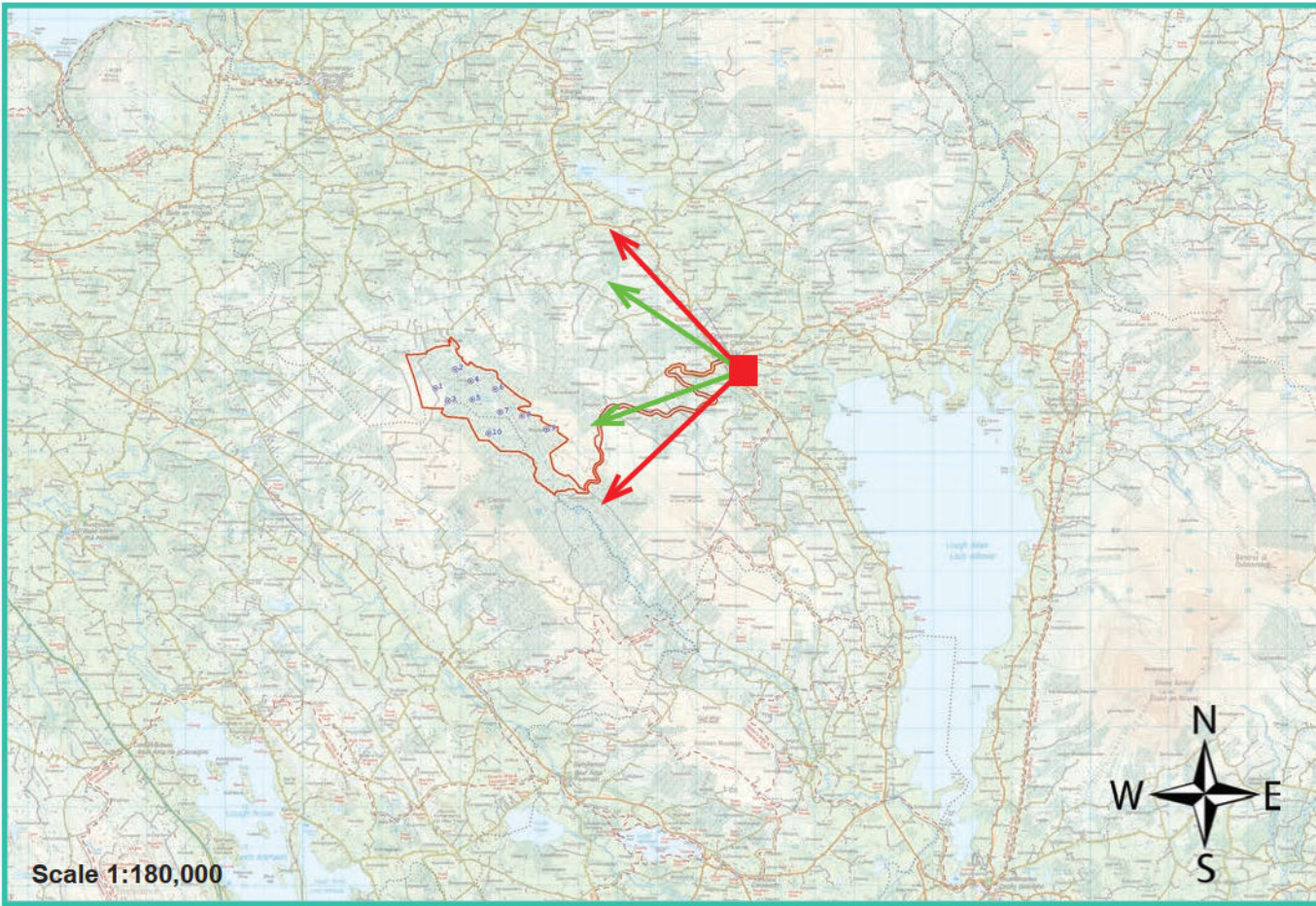
Photomontage 11

View Point: View from the townland of Drumkeeran, Co. Leitrim, taken on the R280 road, approximately 4.52 km north-east of the nearest turbine.

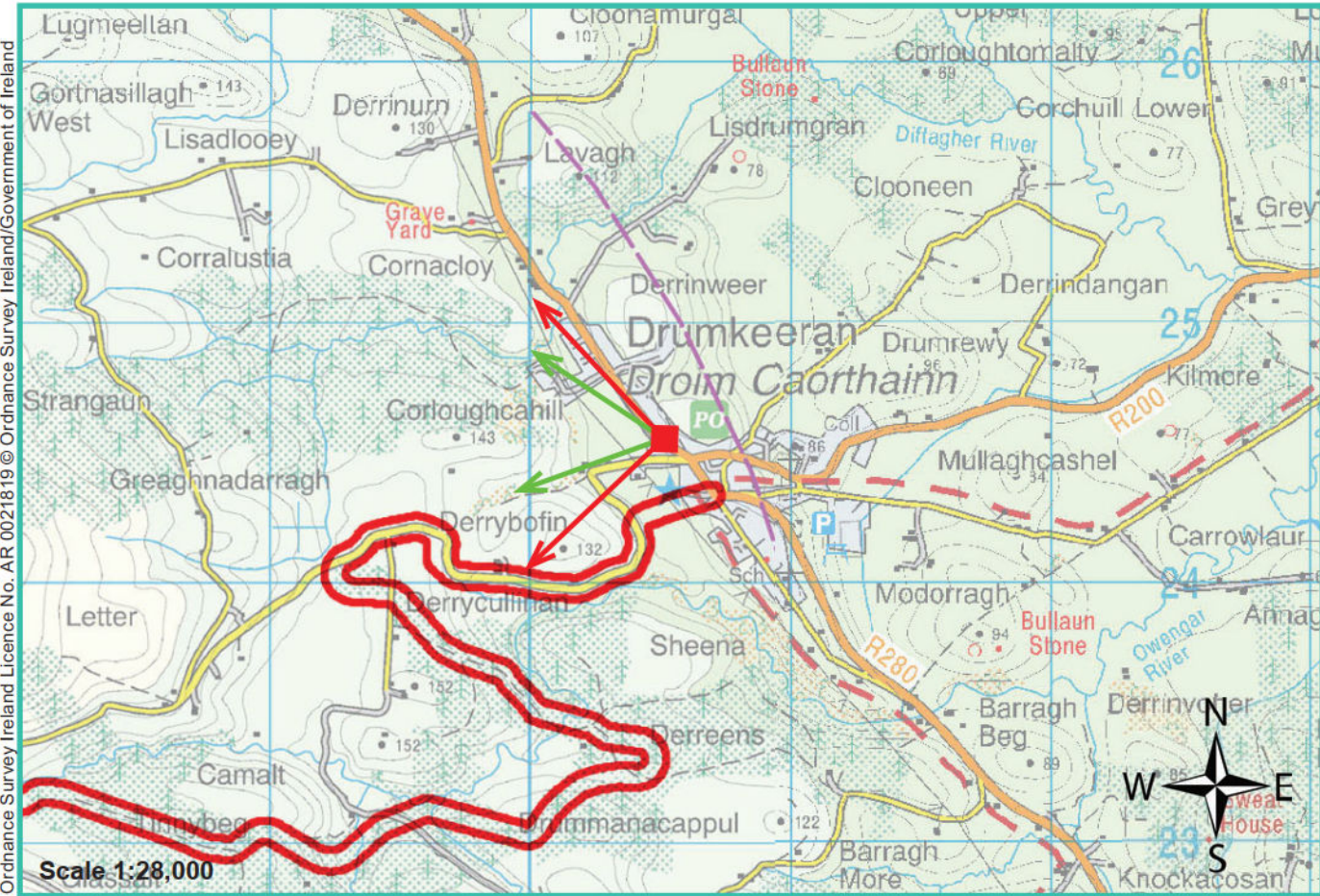
View point grid reference (Irish Grid)	190,530(E); 324,520(N)
Date of image taken	27.10.2017
Time of image taken	11:30AM
View point elevation	92m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	272°
Horizontal extent of proposed turbines	22°
Distance to nearest proposed turbine	4.5 km (T9)
Number of proposed turbines visible	4/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
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 (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO

Planning & Environmental Consultants

Tuam Road, Galway.

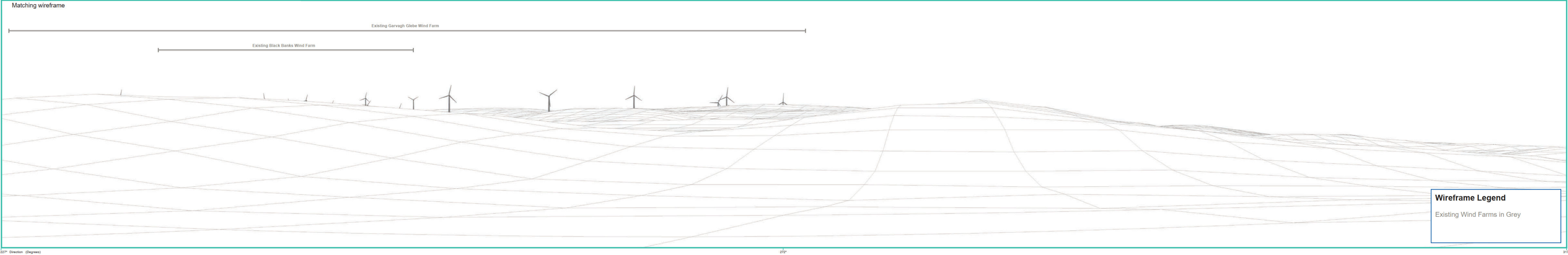
Tel: (091) 73 56 11

E-mail: info@mkoireland.ie

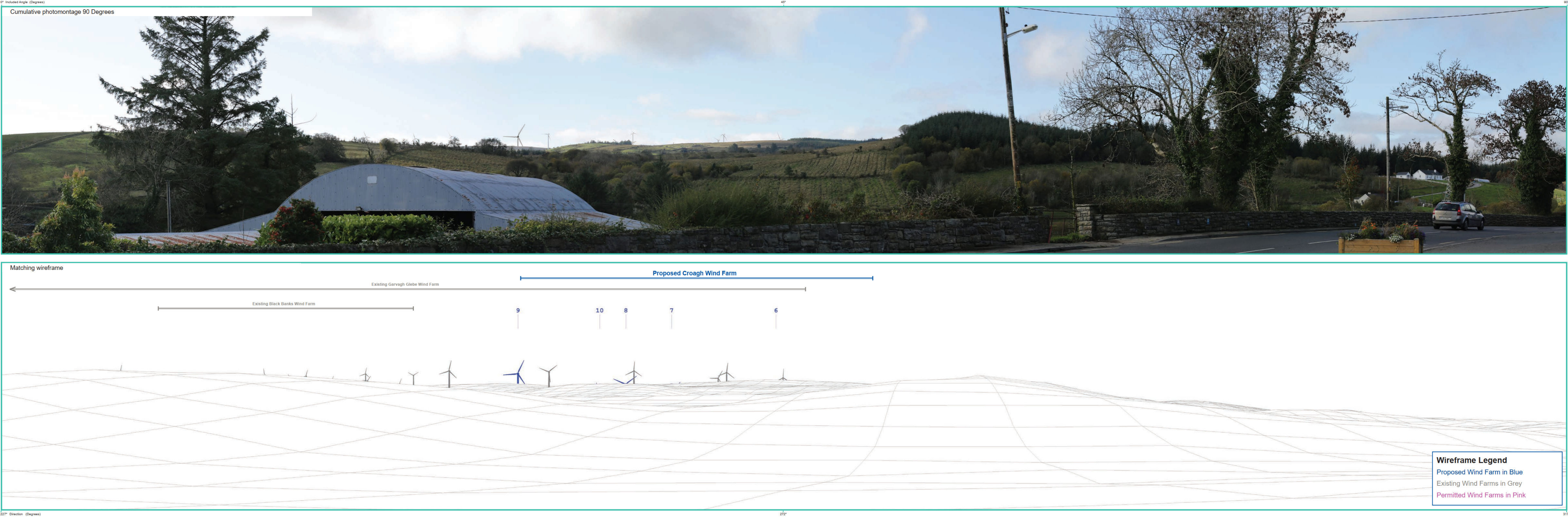
Website: www.mkoireland.ie



180011 Collie Camera 180 WY Photomontage Layout Turbine layout 03.3.dwg saved layout 2019 (091) W 16-2019-04-09



15011 Collie Corran 14011 Photomontage Layout Turbine layout 03.5.dwg (sheet layout 2018) (DWG) (V1 15-03-2018.kwg)



190211 C:\Data\Current\Wind\Photomontage\Layout\Turbine\Proposed\31.5 deg\sheet layout 2019 (B&W) V1 16-02-2019.dwg



Proposed Photomontage at 53.5 degrees with Cumulative

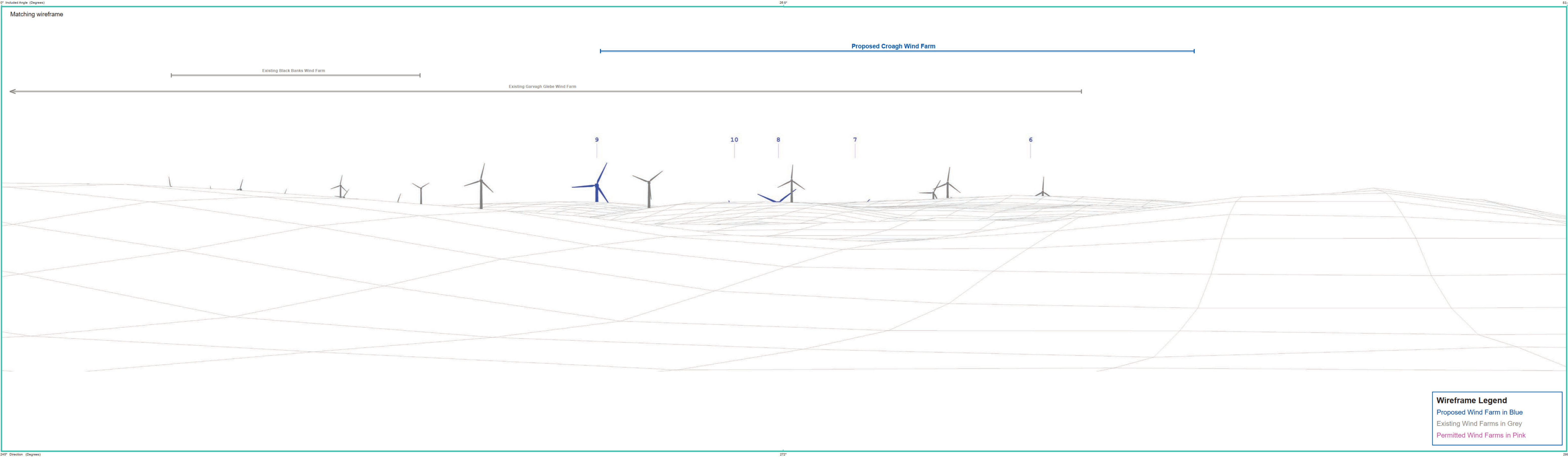
20.5°

110811 Cable Corridor - WVF Photomontage Layout Tube layout 53.5deg aerial.jpg 2019 (245) v1 (16-2-2019 9:40)

245° Direction (Degrees)

272°

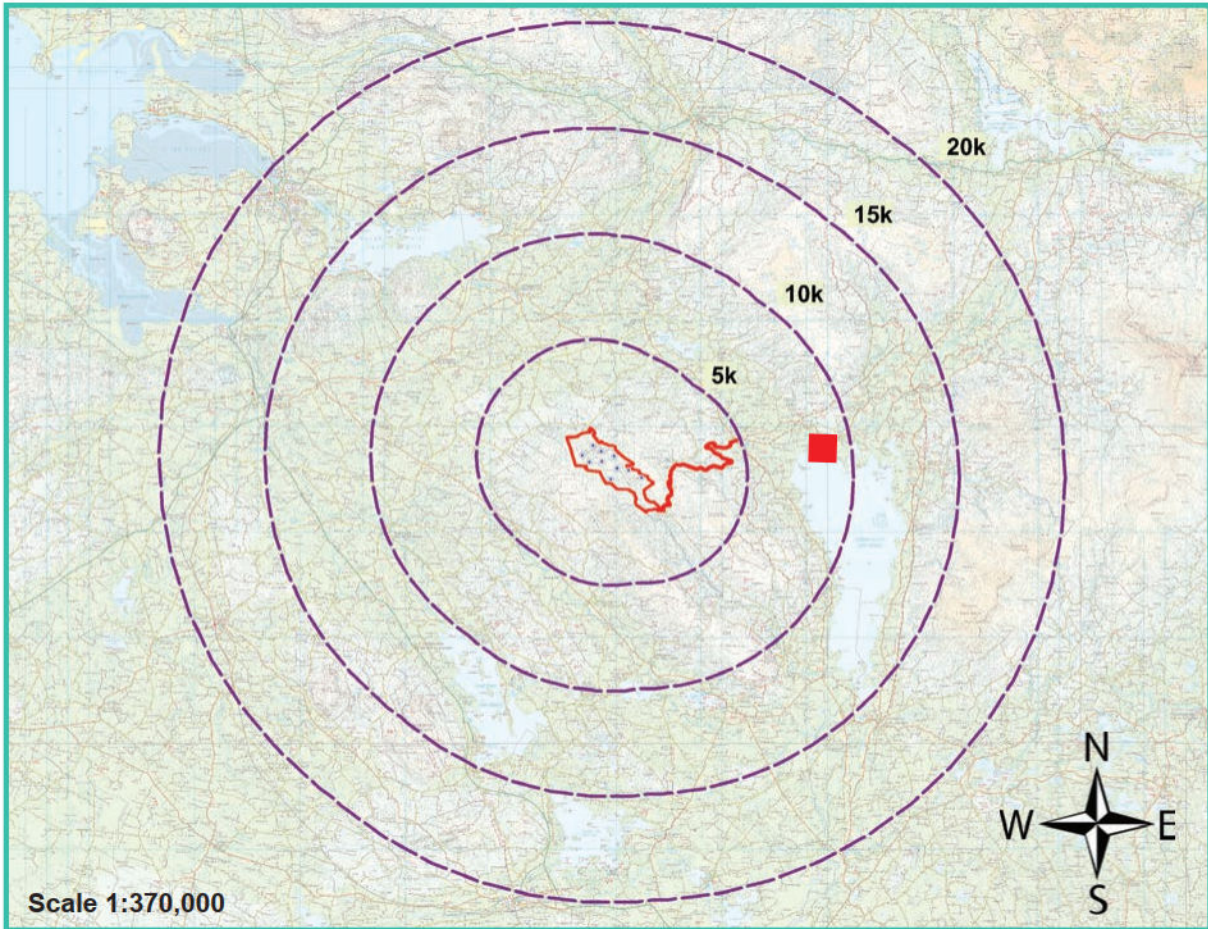
290°



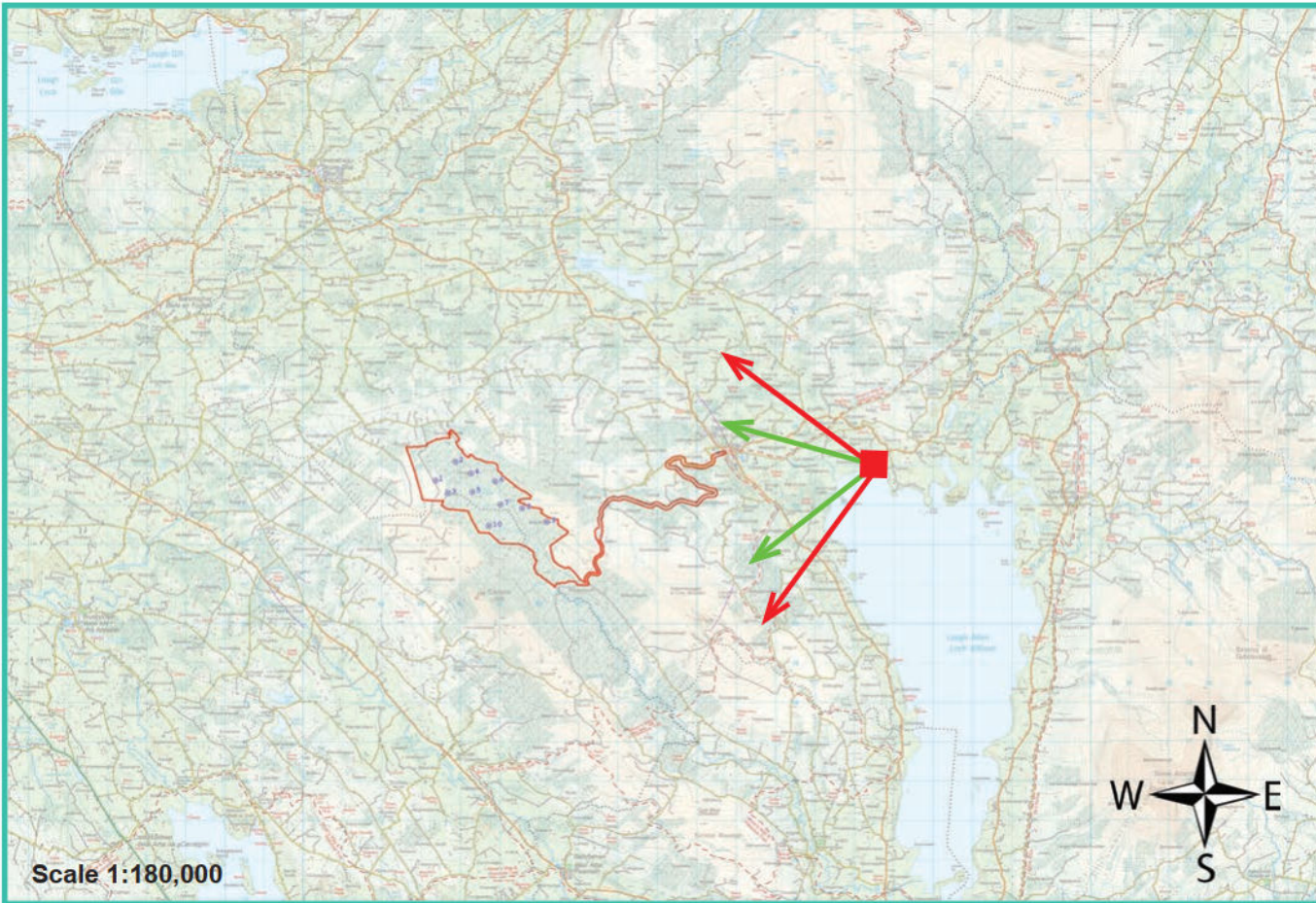
Photomontage 12

View Point: View taken Corry Strand on the shore of Lough Allen. This location is situated within the townland of Cavan, Co. Leitrim, approximately 8.77 kilometres east of the nearest turbine.

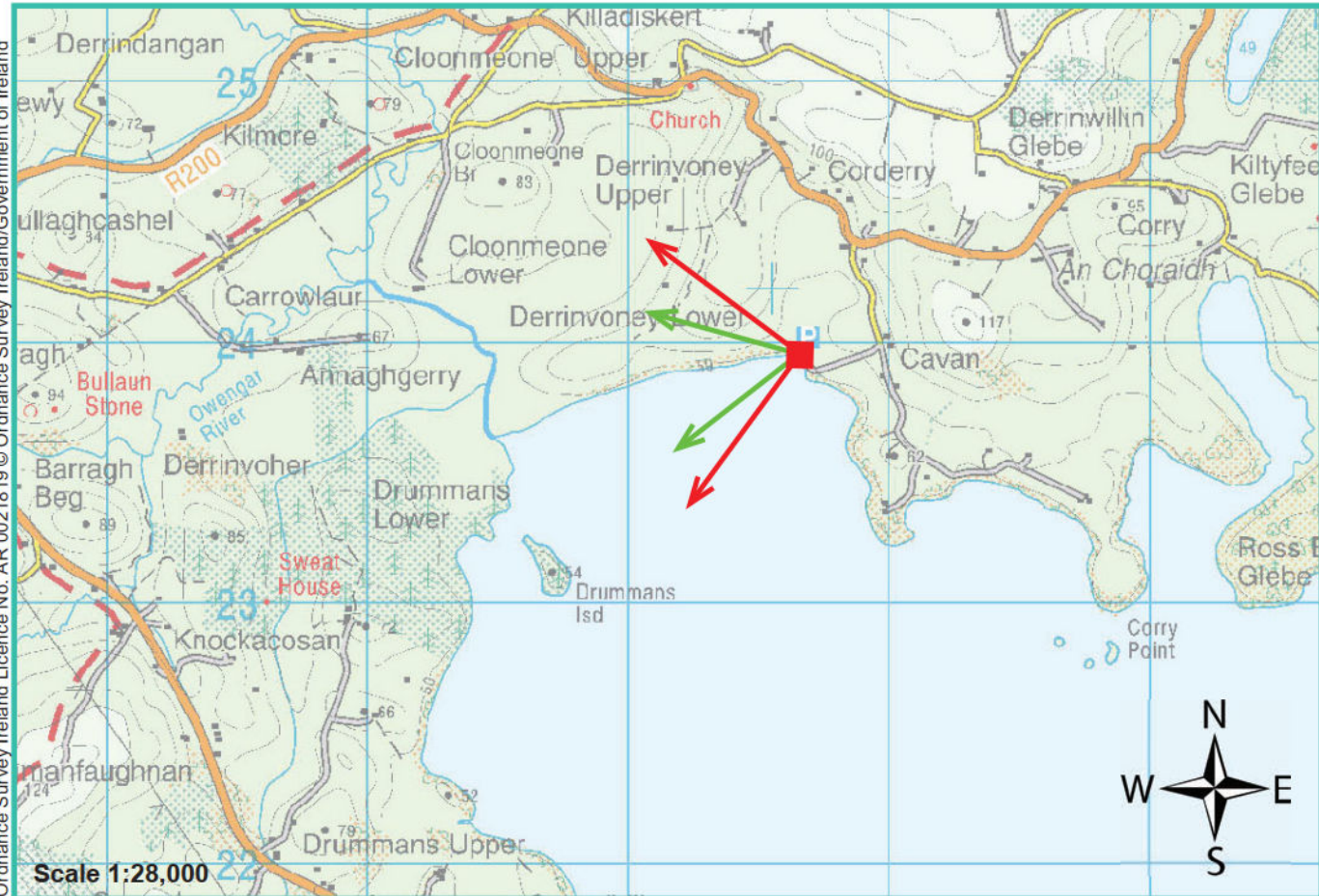
View point grid reference (Irish Grid)	194,675(E); 323,911(N)
Date of image taken	01.08.2019
Time of image taken	9:27PM
View point elevation	49m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	261°
Horizontal extent of proposed turbines	11°
Distance to nearest proposed turbine	8.77 km (T9)
Number of proposed turbines visible	8/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

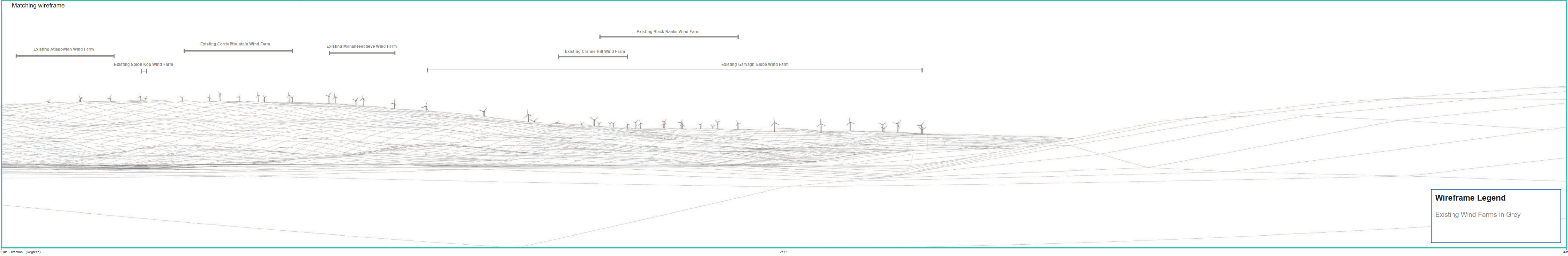
MKO
Planning & Environmental Consultants
Tuam Road, Galway.

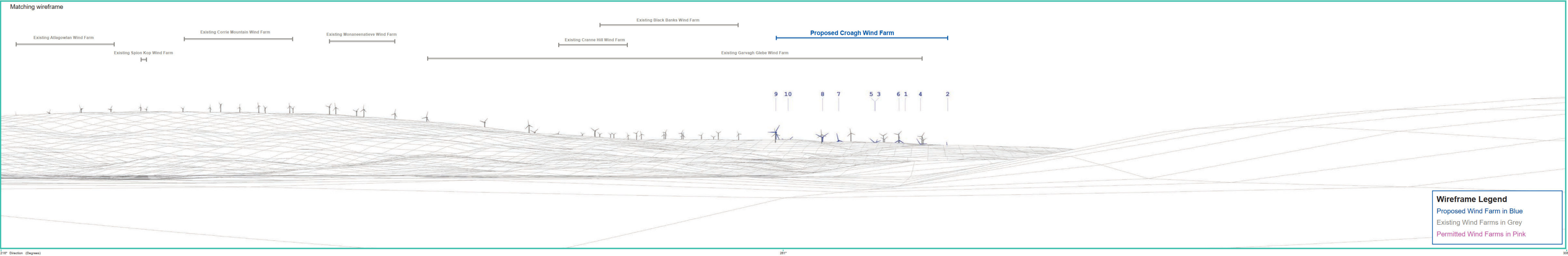
Tel: (091) 73 56 11
E-mail: info@mkofireland.ie
Website: www.mkofireland.ie

Key image at 120 degrees



53.5-Degree View Extent





180211 Croagh Hill Wind Farm Photomontage Layout Template Project 2019 (B&W) V1 9-10-2019 (Rev)



0° Included Angle (Degrees)

20.5°

53.4°

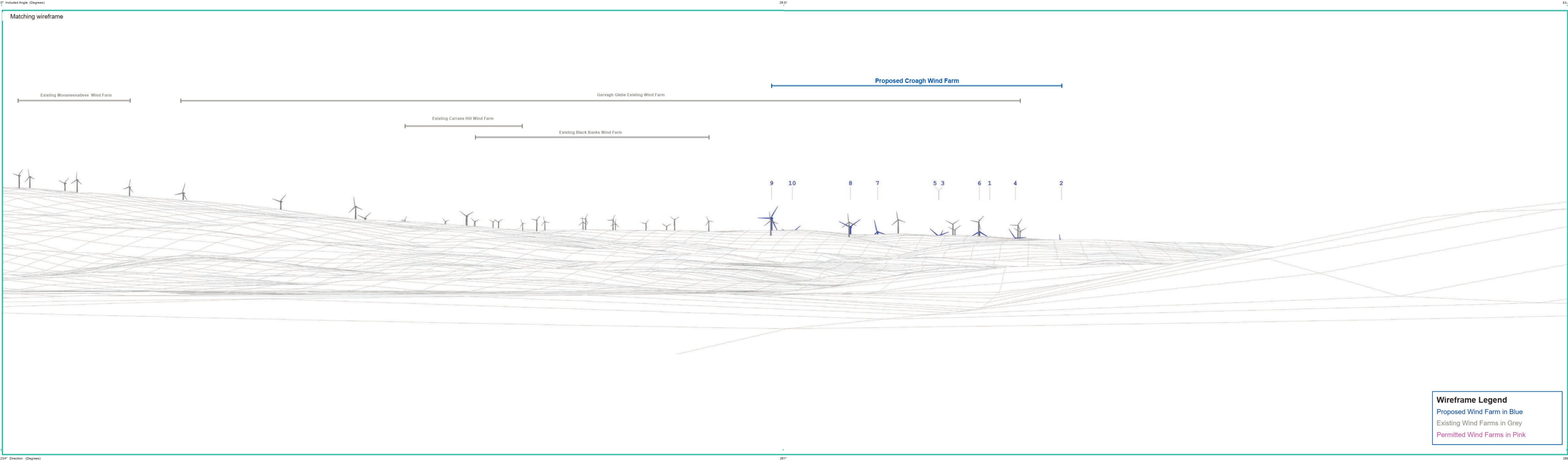
Proposed Photomontage at 53.5 degrees with Cumulative

10011 Cable Corridor - W1 Photomontage Layout (Tubal layout 53.5deg aerial) (v1 9-10-2019) (v1)

234° Direction (Degrees)

261°

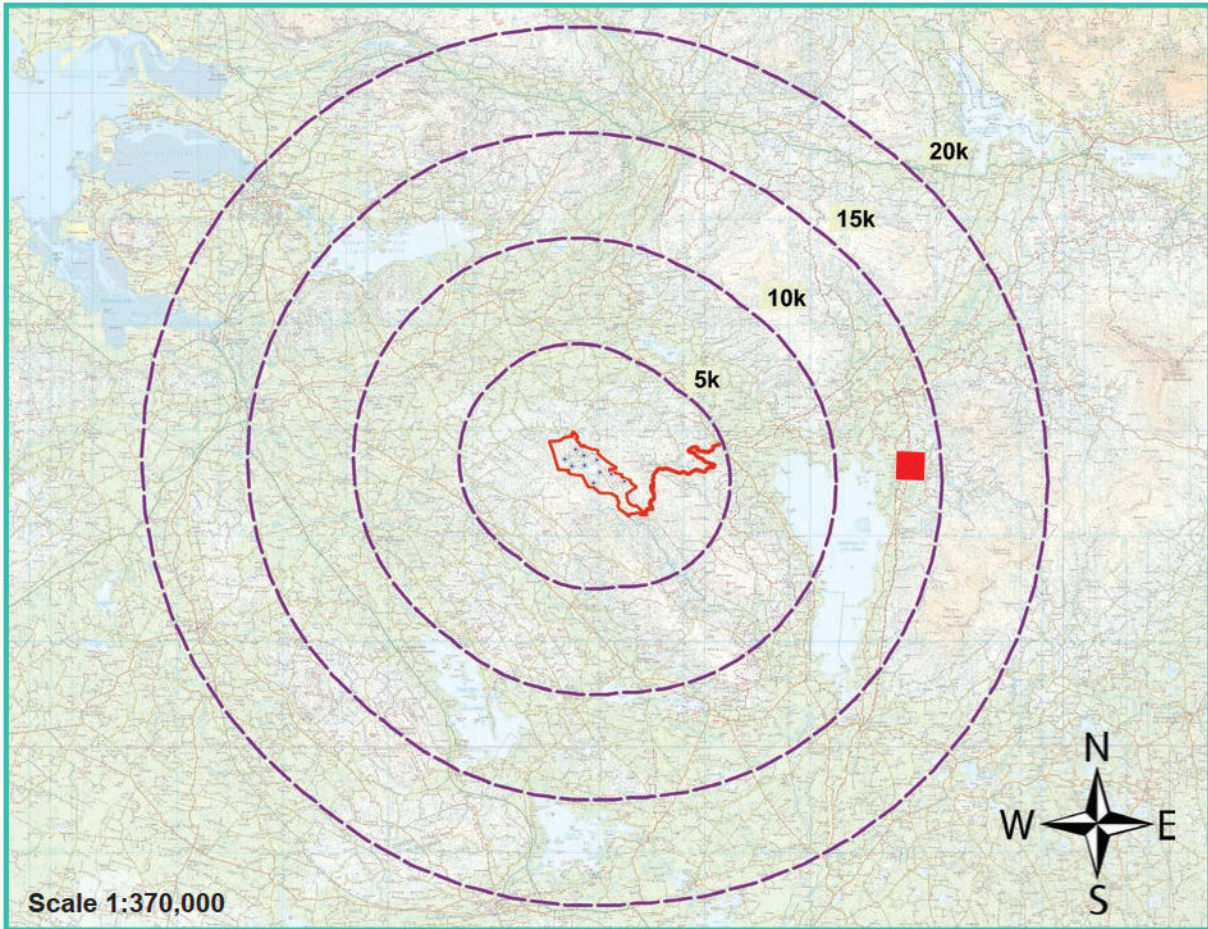
288°



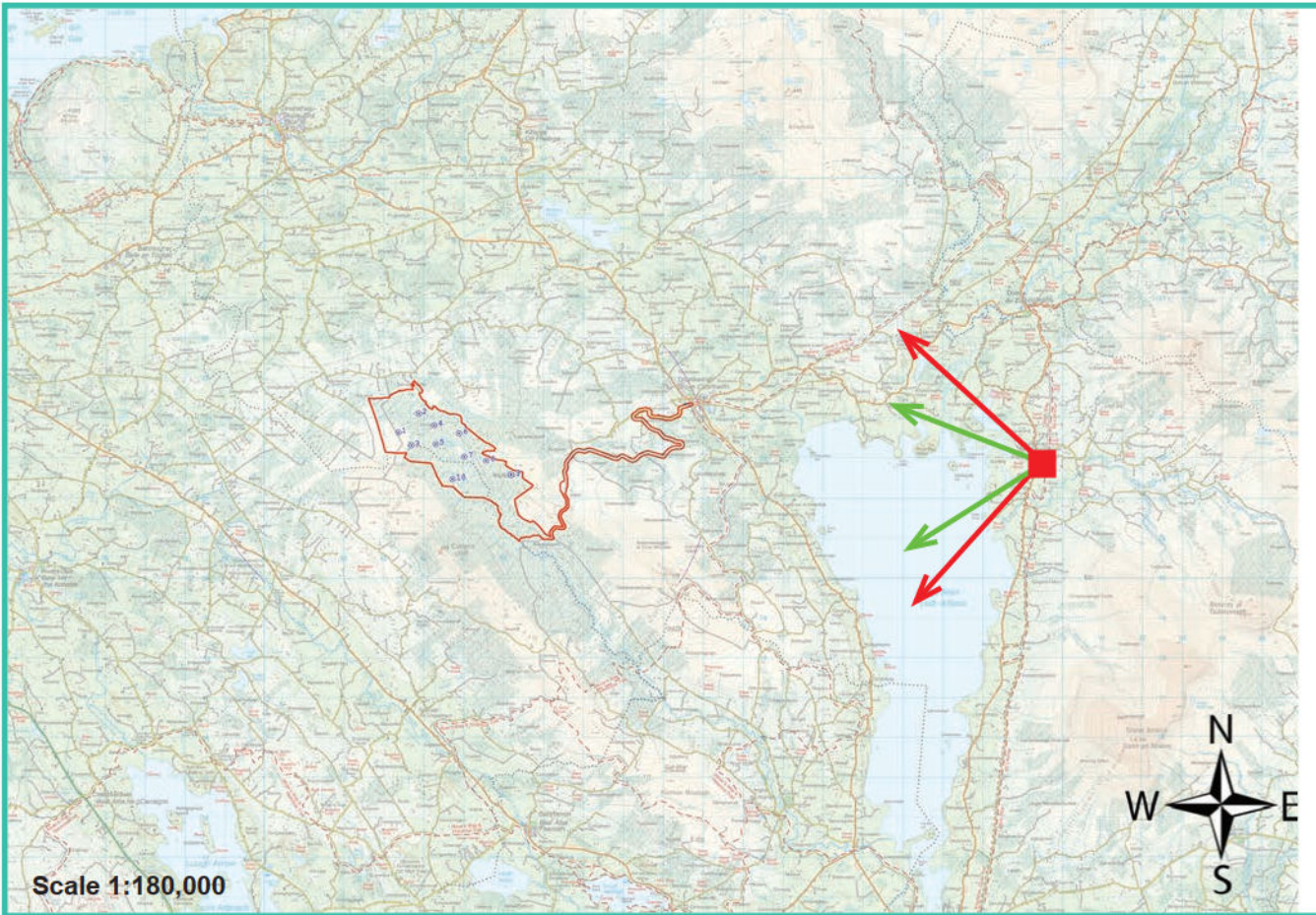
Photomontage 13

View Point: View from a local road off the R207 road in the village of Ballinagleragh in the townland of Drumreilly, approximately 14.94 km east of the nearest turbine.

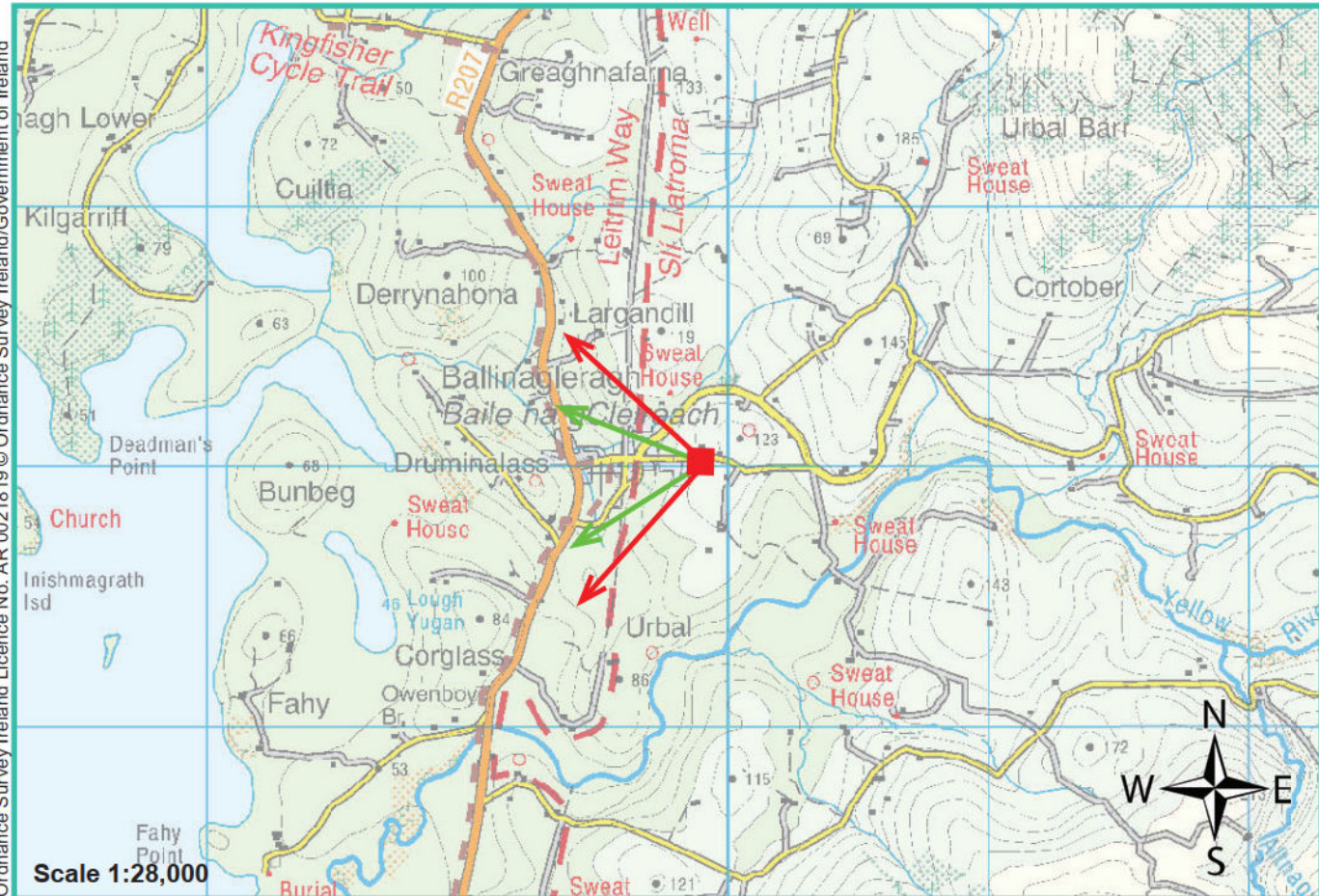
View point grid reference (Irish Grid)	199,891(E); 323,043(N)
Date of image taken	02.08.2019
Time of image taken	8:09AM
View point elevation	122m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	266°
Horizontal extent of proposed turbines	7°
Distance to nearest proposed turbine	14.94 km (T9)
Number of proposed turbines visible	10/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

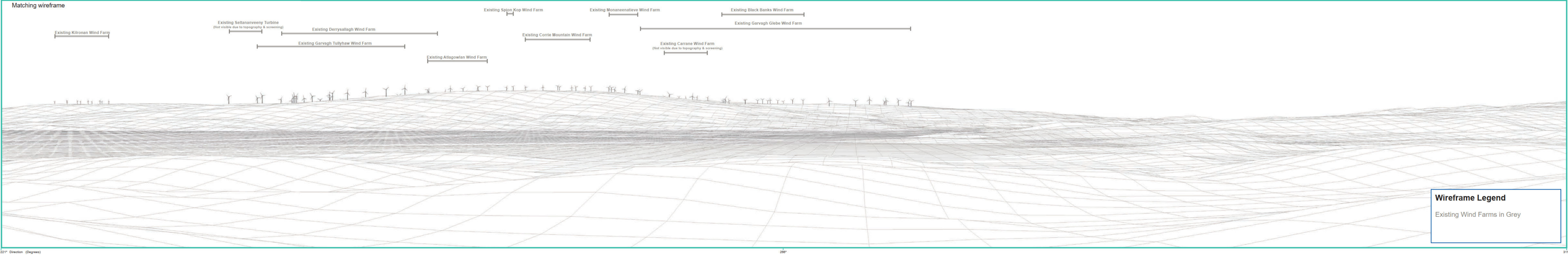
MKO

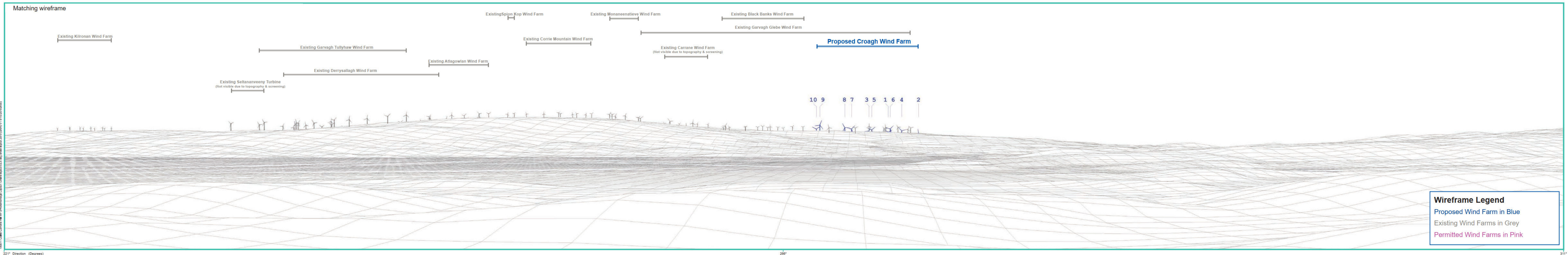
Tel: (091) 73 56 11
E-mail: info@mkofireland.ie
Website: www.mkofireland.ie

Key image at 120 degrees



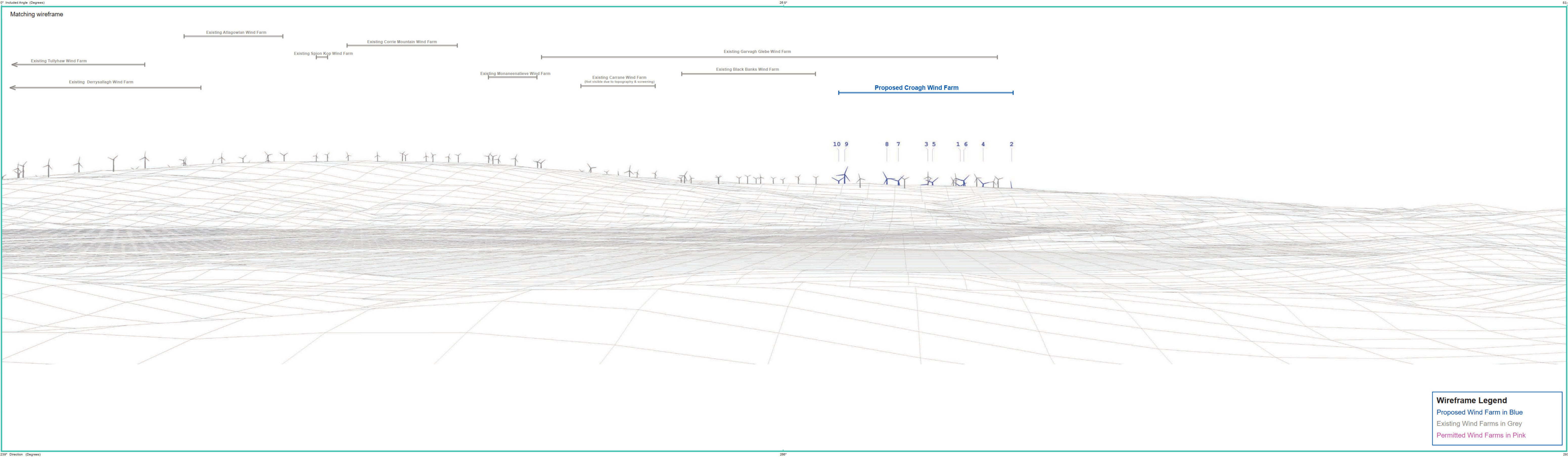
53.5-Degree View Extent





Proposed Photomontage at 53.5 degrees with Cumulative

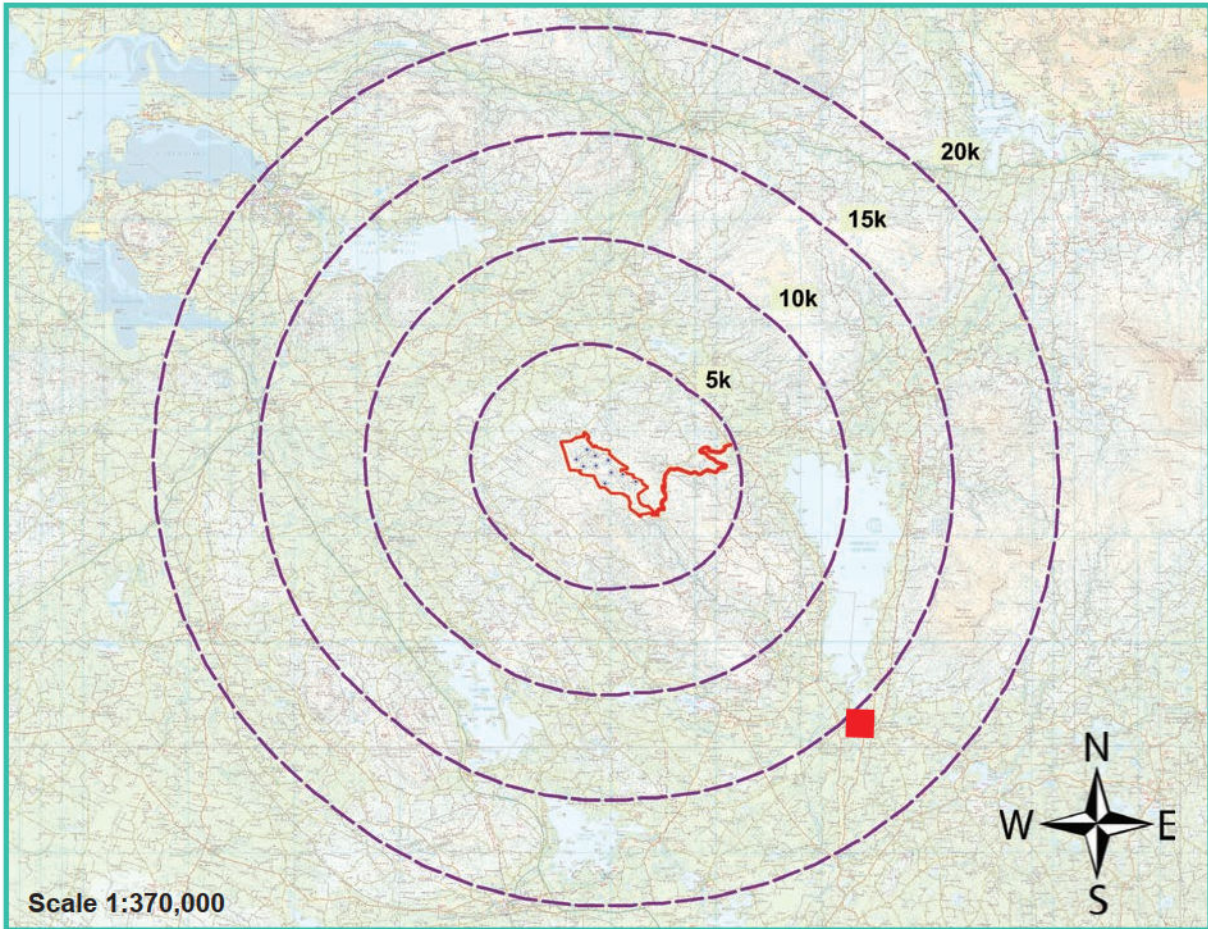




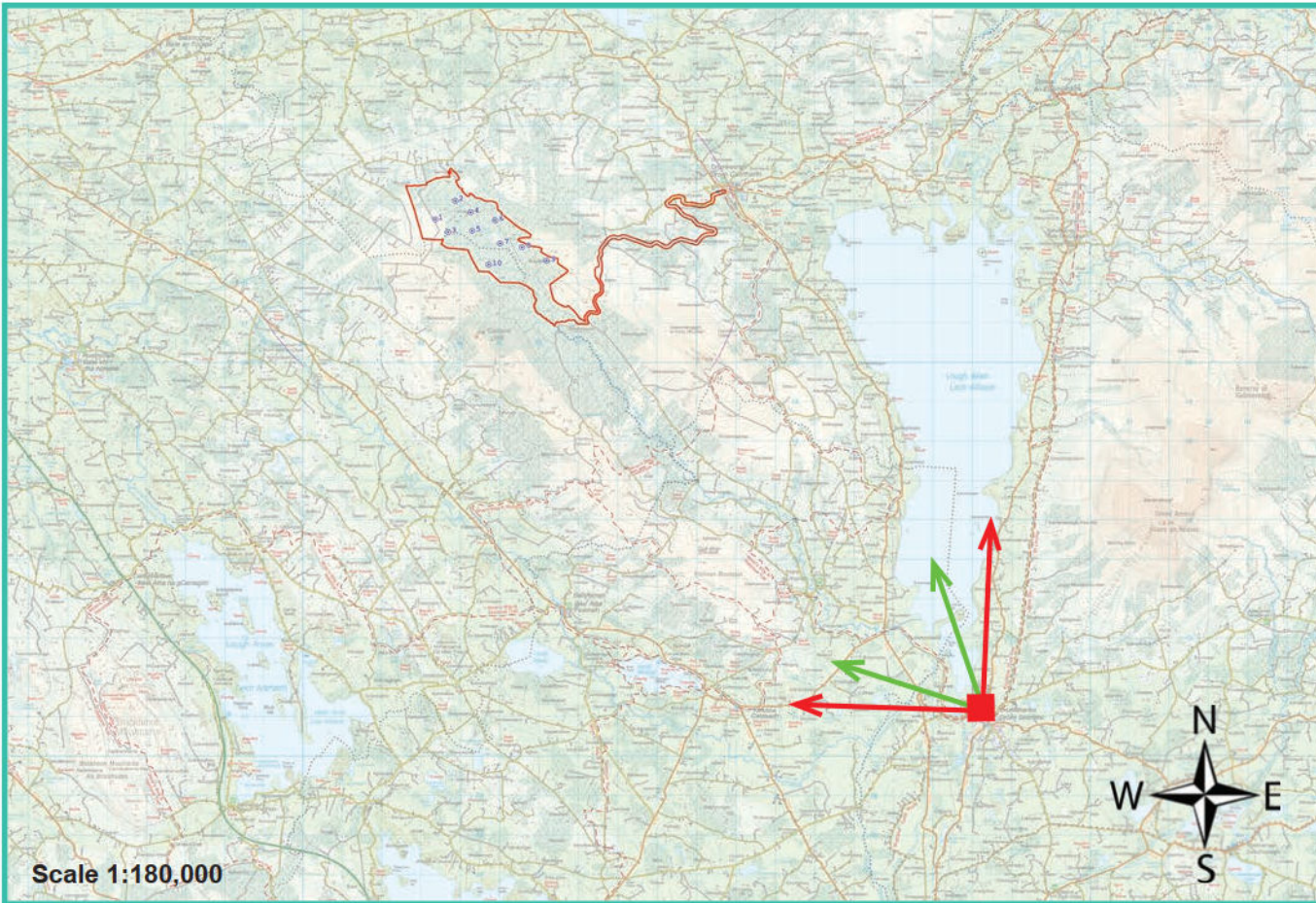
Photomontage 14

View Point: View taken off the R208 regional road in north of the town of Drumshanbo in the townland of Carriknabrack, Co. Leitrim, approximately 16.05 km south-east of the nearest turbine.

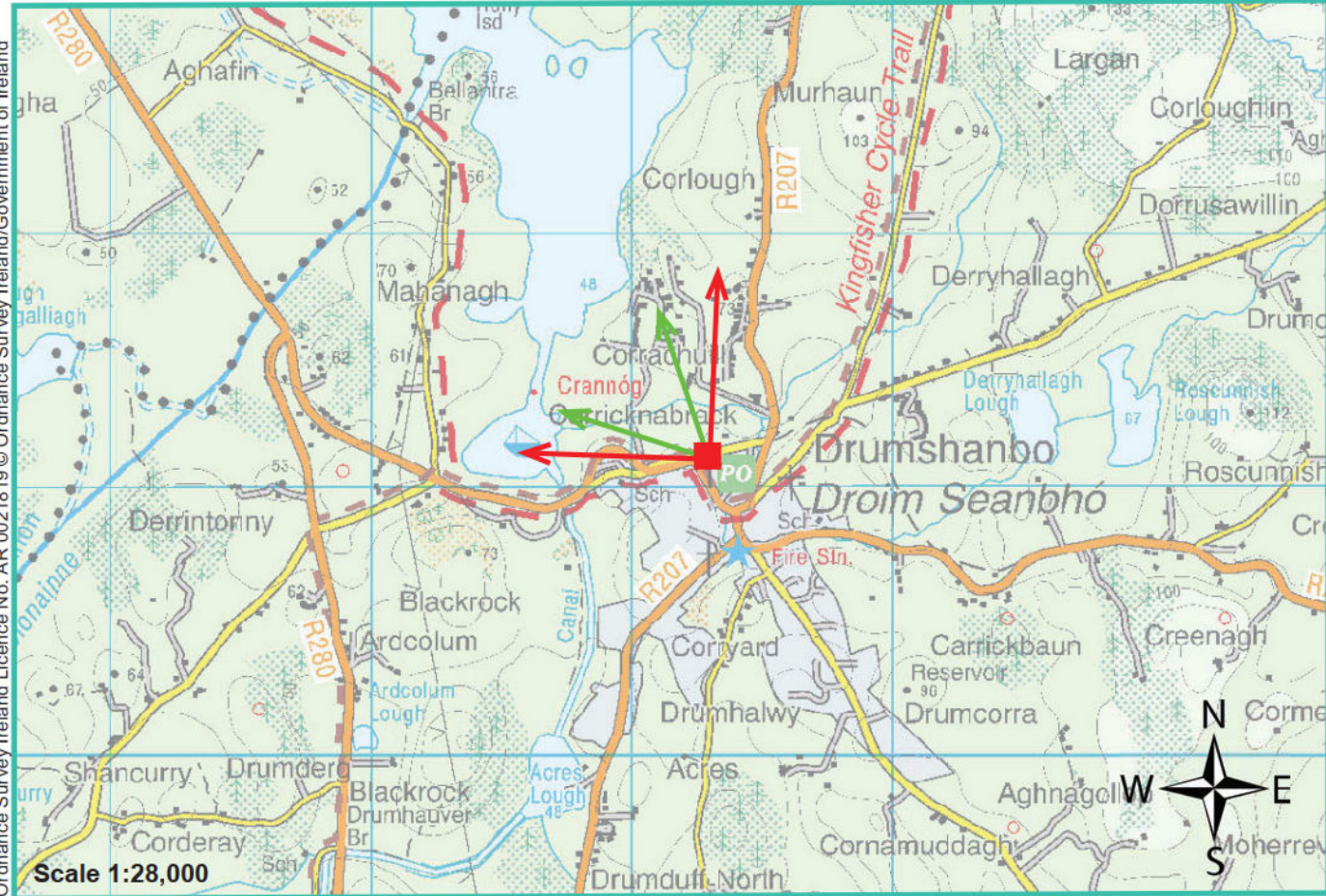
View point grid reference (Irish Grid)	197,346(E); 311,167(N)
Date of image taken	02.08.2019
Time of image taken	9:30am
View point elevation	63m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	314°
Horizontal extent of proposed turbines	5°
Distance to nearest proposed turbine	16.05 km (T2)
Number of proposed turbines visible	08/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
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 (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

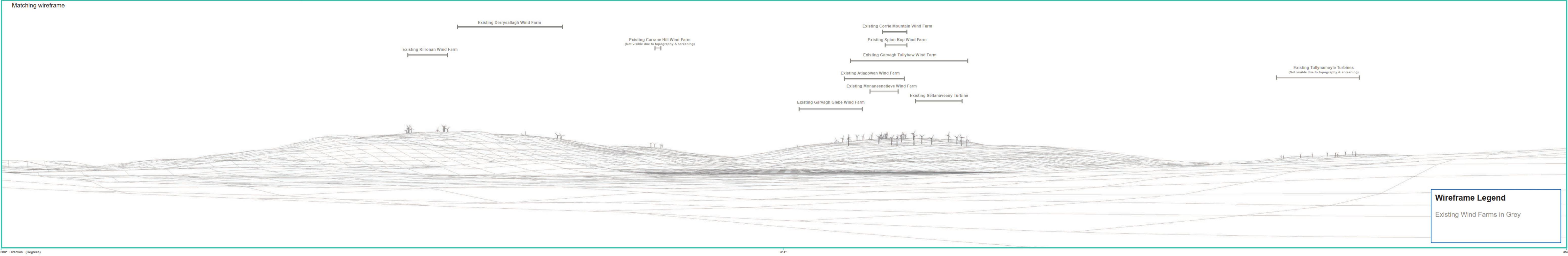
MKO
Planning & Environmental Consultants
Tuam Road, Galway.

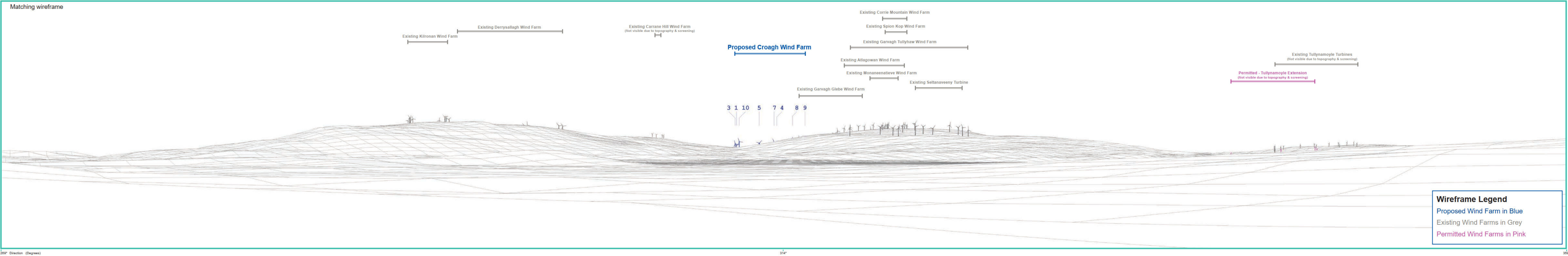
Tel: (091) 73 56 11
E-mail: info@mkofireland.ie
Website: www.mkofireland.ie

Key image at 120 degrees



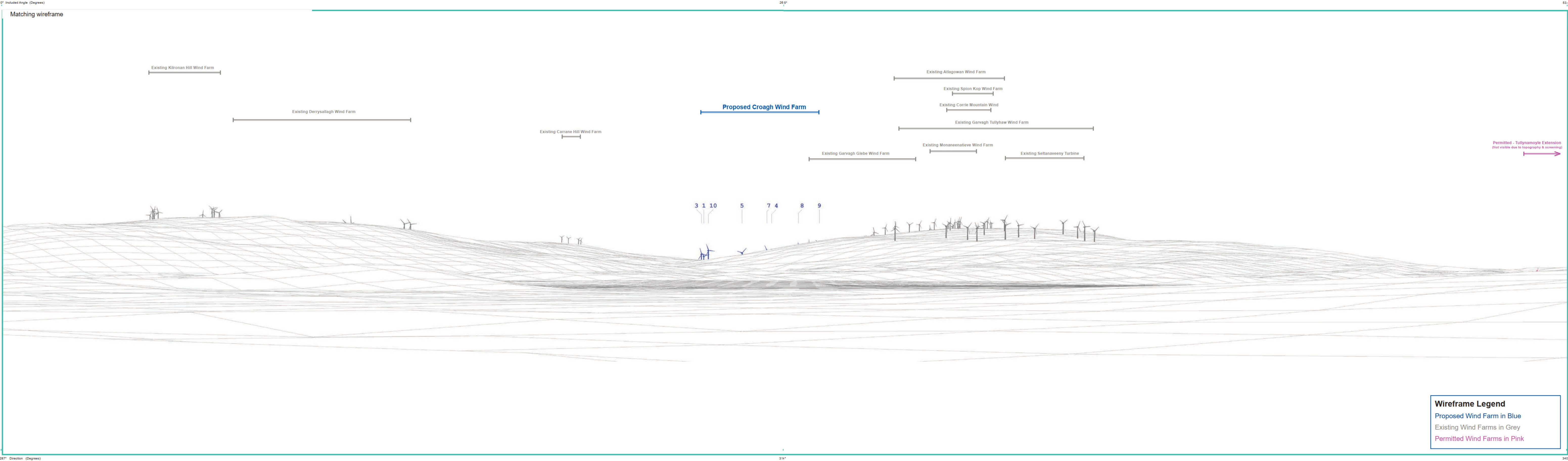
53.5-Degree View Extent





Proposed Photomontage at 53.5 degrees with Cumulative

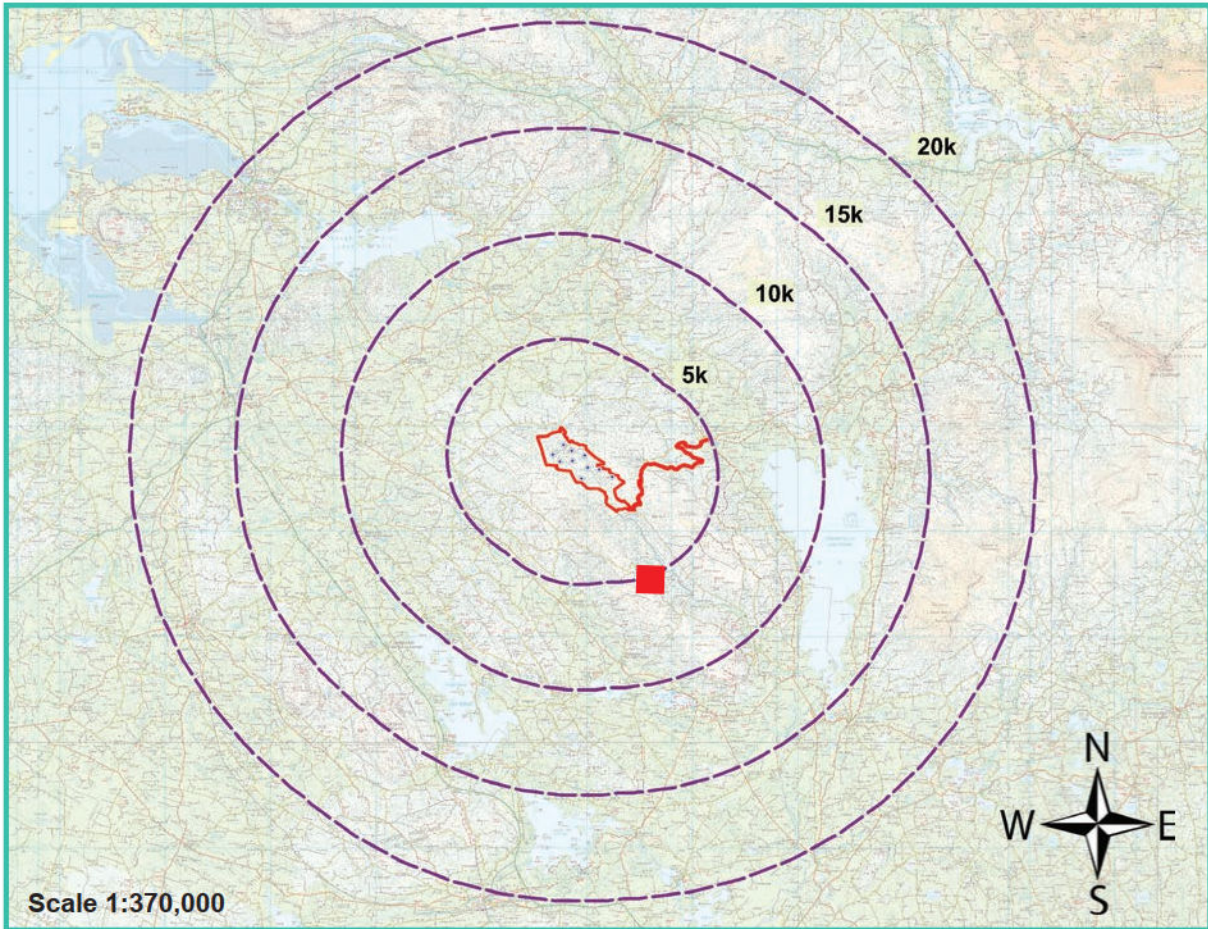




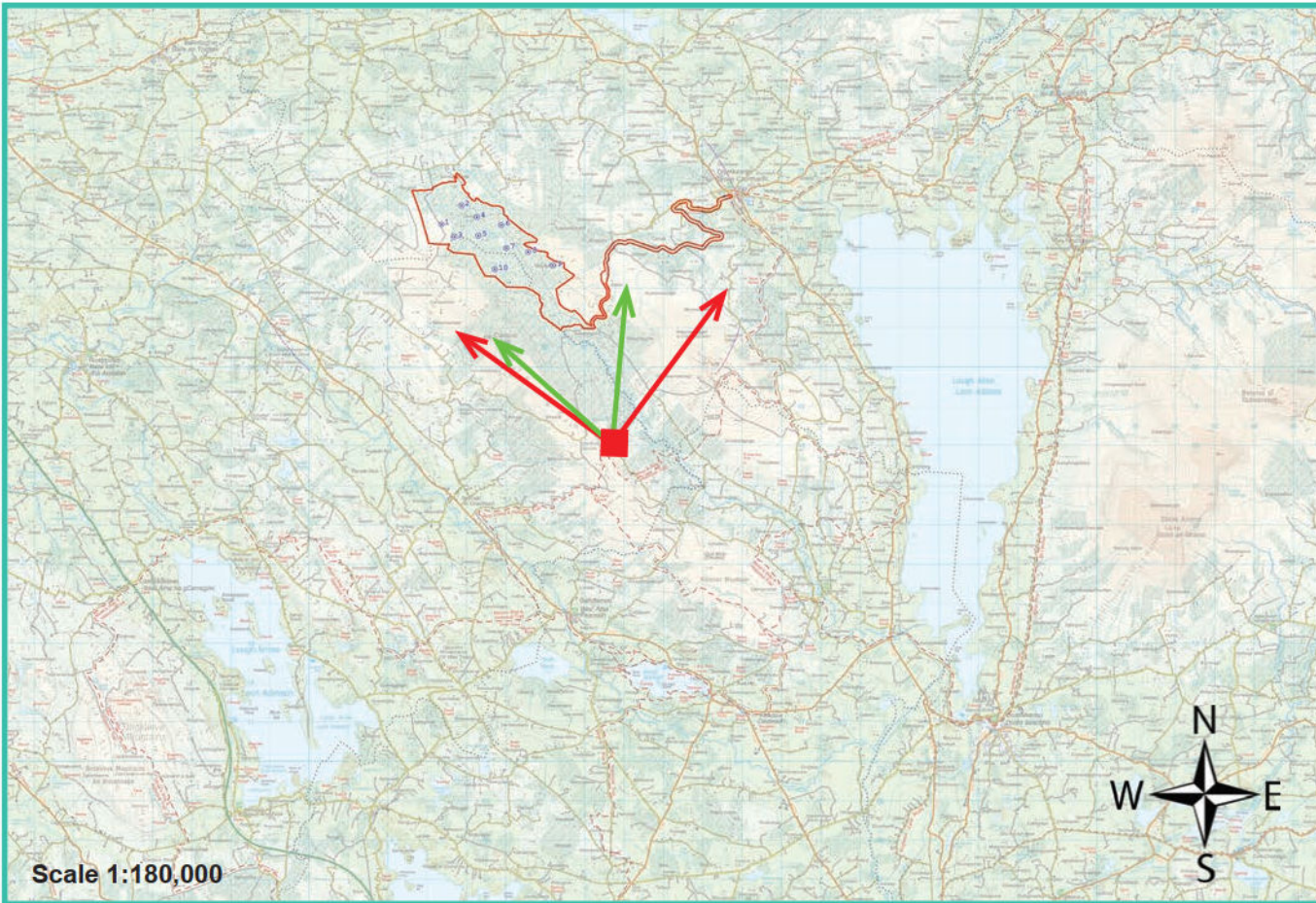
Photomontage 15

View Point: View from local road designated as Scenic Route No. 66 in the Sligo County Development Plan in the townland of Ballynashee, Co. Sligo, approximately 5.0 kilometres south-south-east of the nearest turbine.

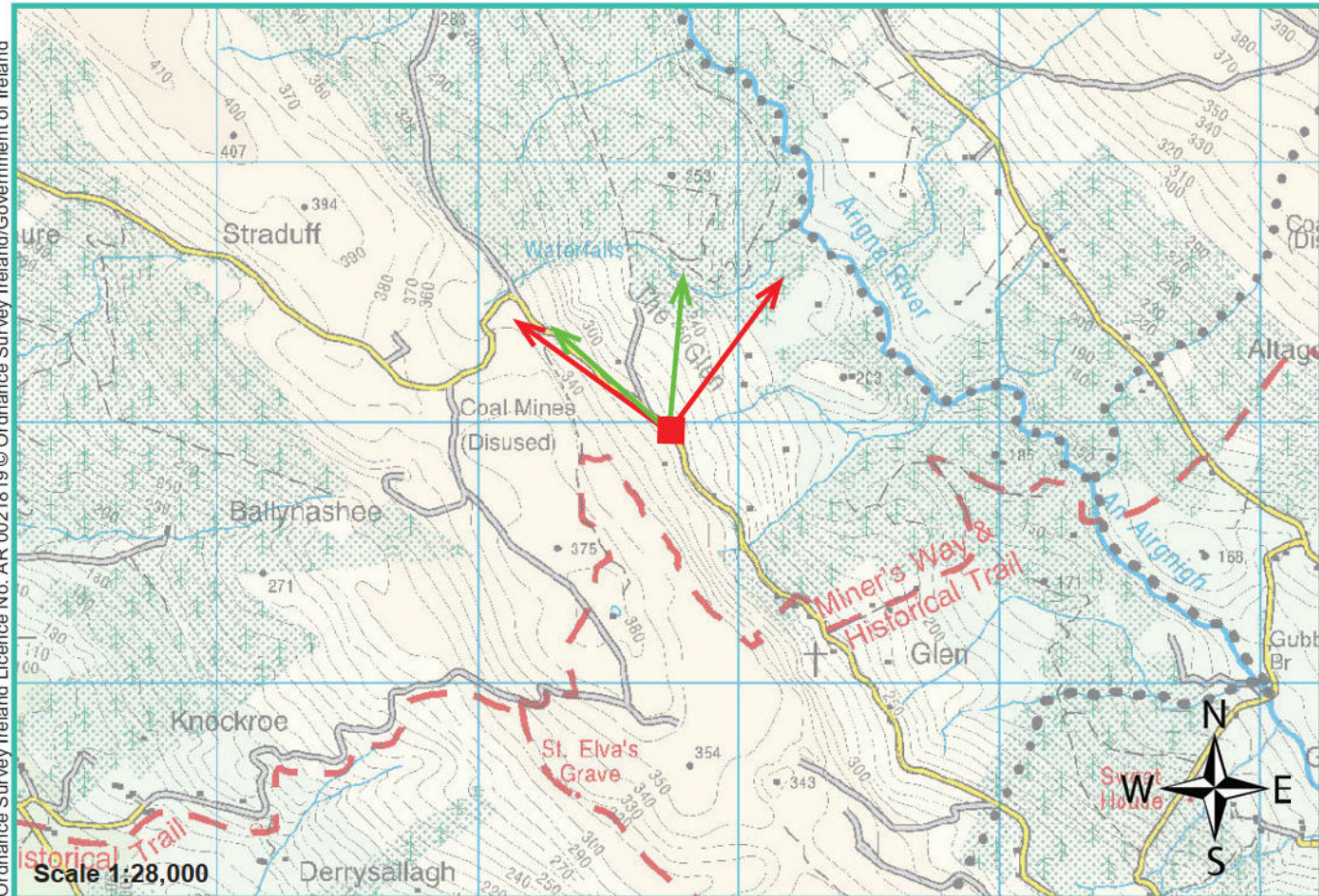
View point grid reference (Irish Grid)	187,753(E); 317,957(N)
Date of image taken	11.9.2019
Time of image taken	10:30am
View point elevation	296m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	349°
Horizontal extent of proposed turbines	19°
Distance to nearest proposed turbine	5 km (T9)
Number of proposed turbines visible	4/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
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 (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO

Planning & Environmental Consultants

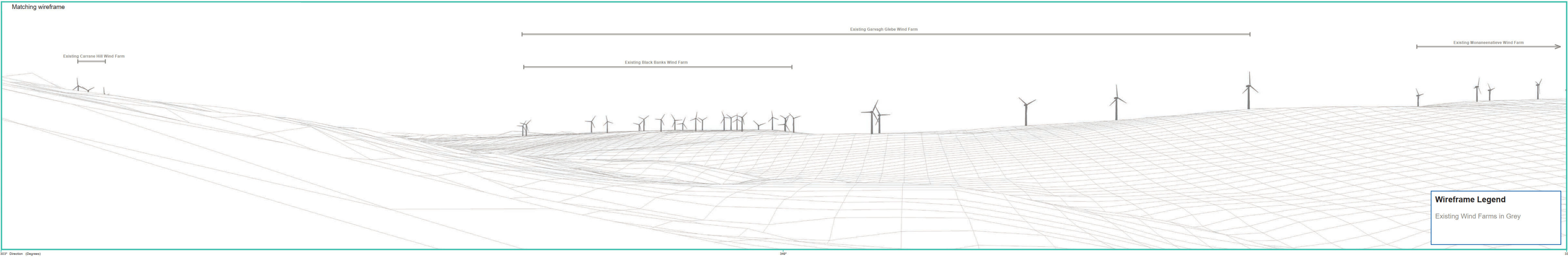
Tuam Road, Galway.

Tel: (091) 73 56 11

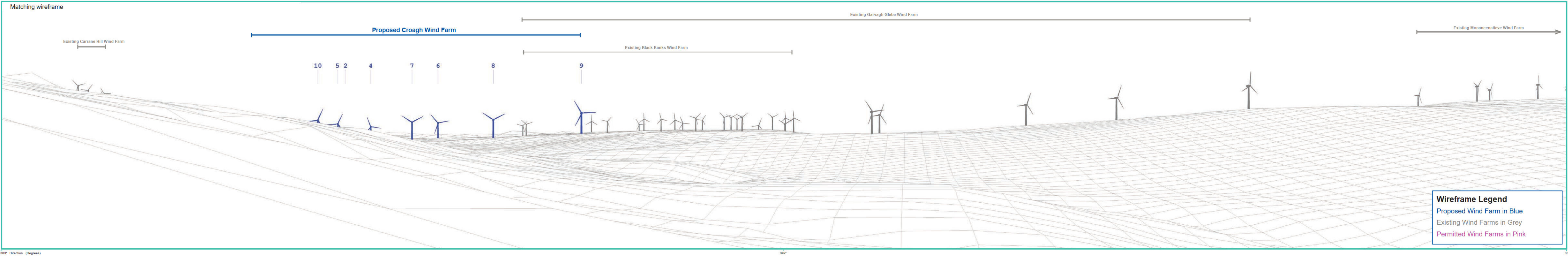
E-mail: info@mkoireland.ie

Website: www.mkoireland.ie





180311 Collie Carrane Hill WF (Photomontage Layout) Turbine layout 03.2.dwg (sheet layout 2019) (DWG) V1 18-03-2019 (kg)



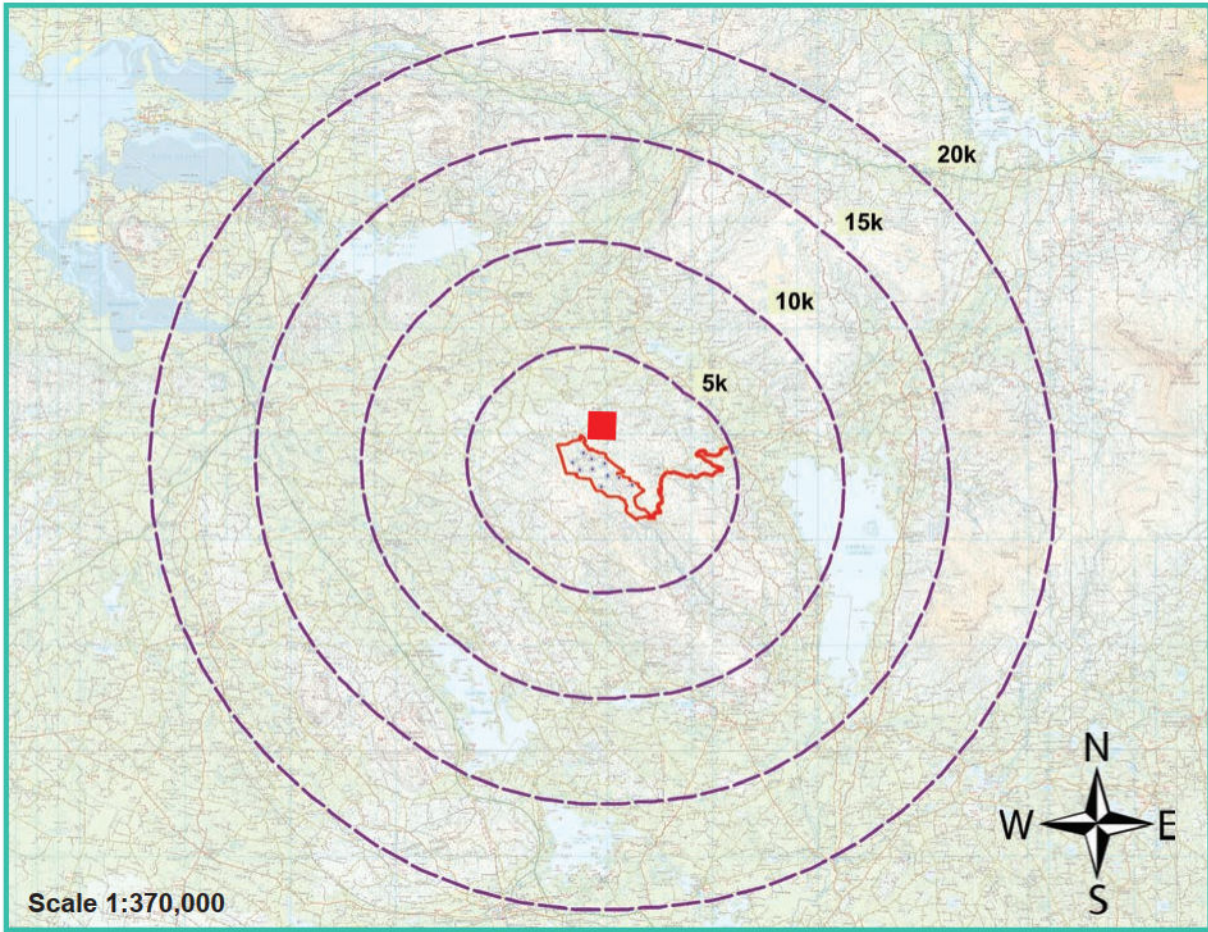
Proposed Photomontage at 53.5 degrees with Cumulative



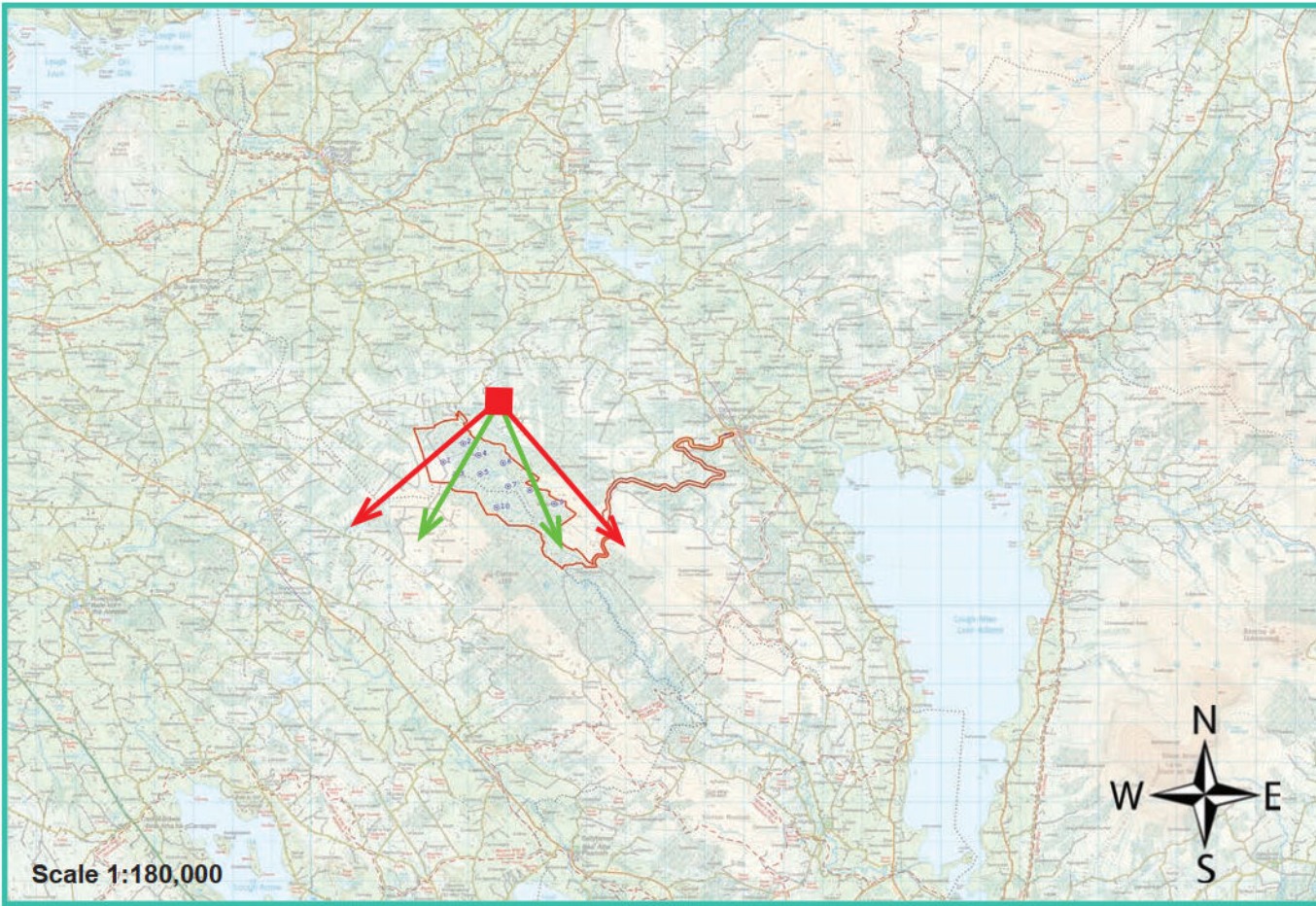
Photomontage 16

View Point: View taken from an unnamed road in the townland of Beagh, Co. Sligo , approximately 1.37 kilometres north-west of the nearest turbine.

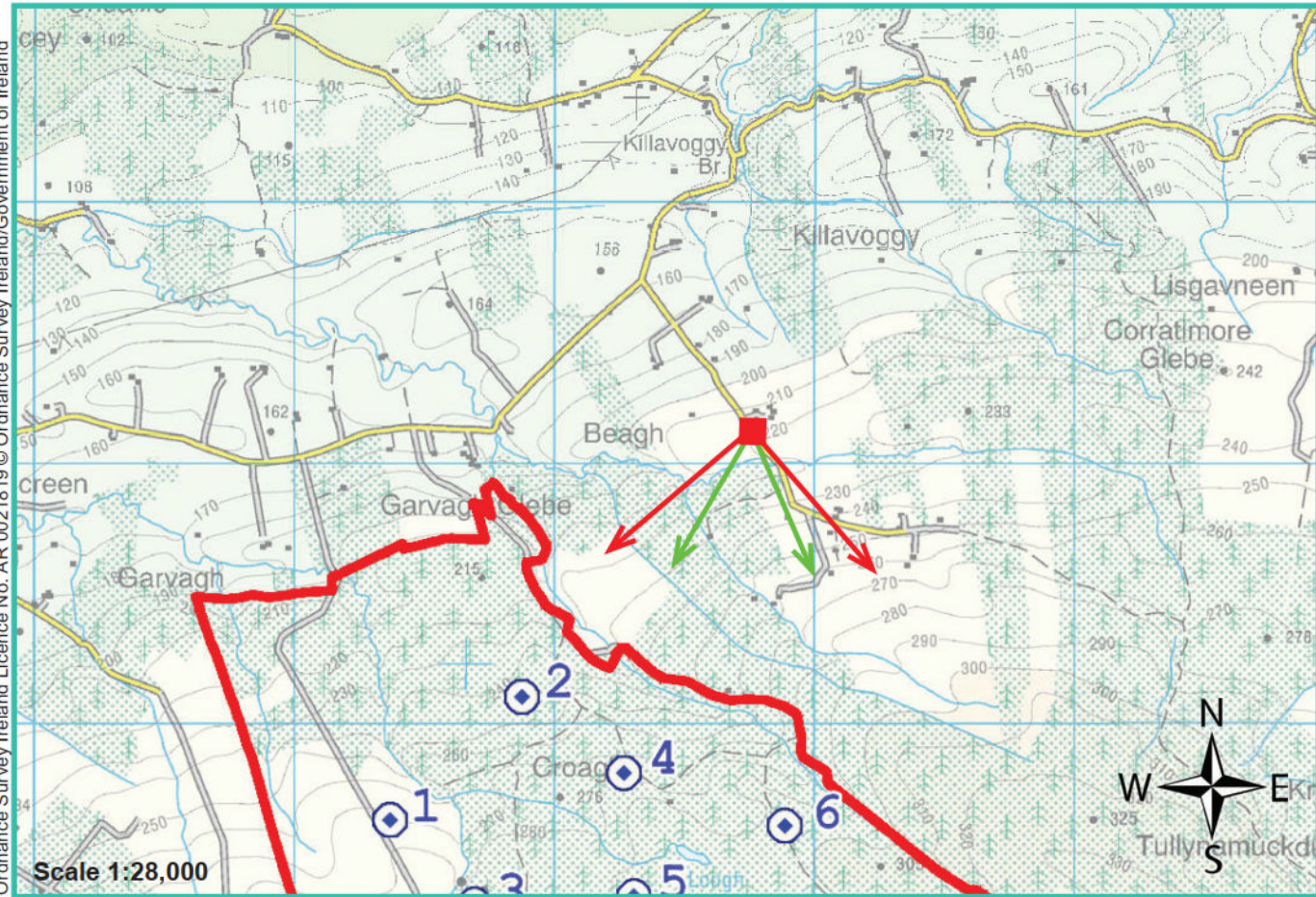
View point grid reference (Irish Grid)	184,766(E); 325,113(N)
Date of image taken	01.08.2019
Time of image taken	6:19pm
View point elevation	218m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	183°
Horizontal extent of proposed turbines	72°
Distance to nearest proposed turbine	1.37 km (T2)
Number of proposed turbines visible	10/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO

Planning & Environmental Consultants

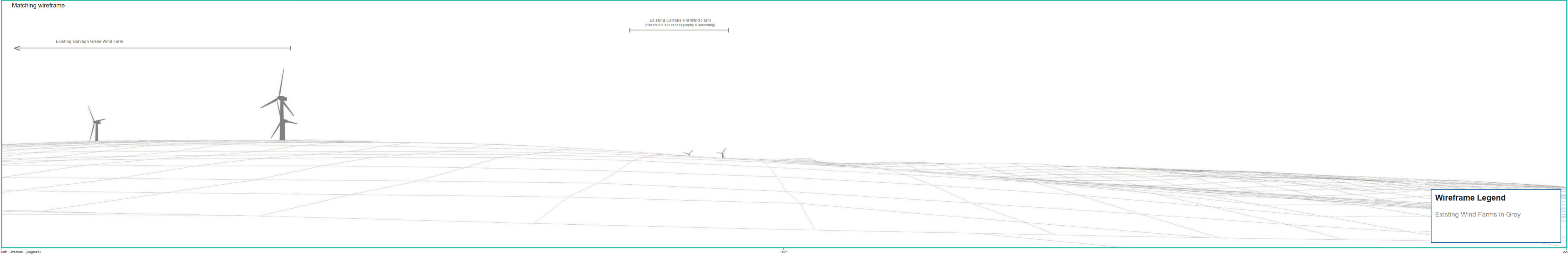
Tuam Road, Galway.

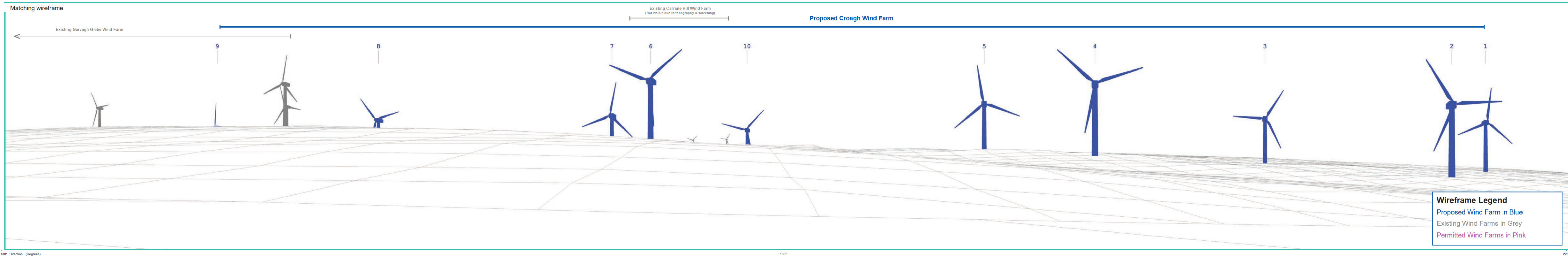
Tel: (091) 73 56 11

E-mail: info@mkofireland.ie

Website: www.mkofireland.ie







0° Included Angle (Degrees)

20.5°

53.4°

Proposed Photomontage at 53.5 degrees with Cumulative

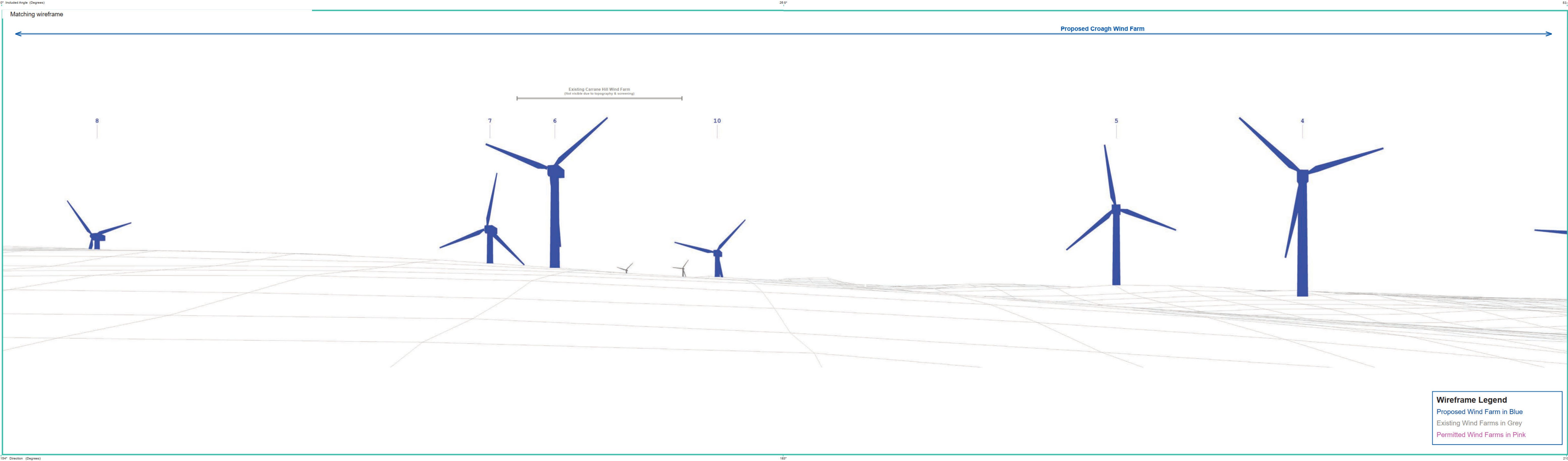


110817_Collier_Cumulative_WF_Photomontage_Layer1_Turbine layout_53.5deg_west layout_2019 (2449) (1) 9-10-2019 (x60)

154° Direction (Degrees)

183°

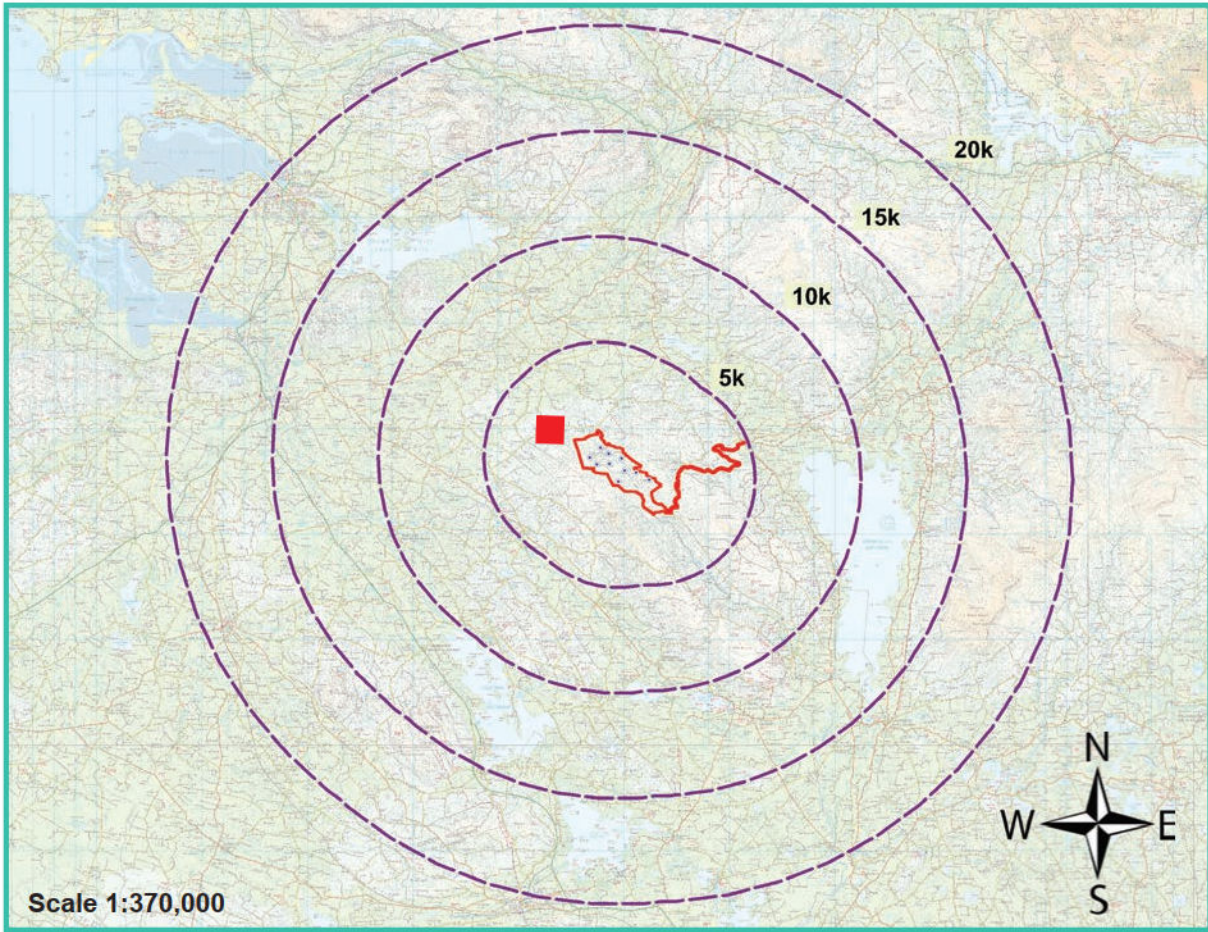
210°



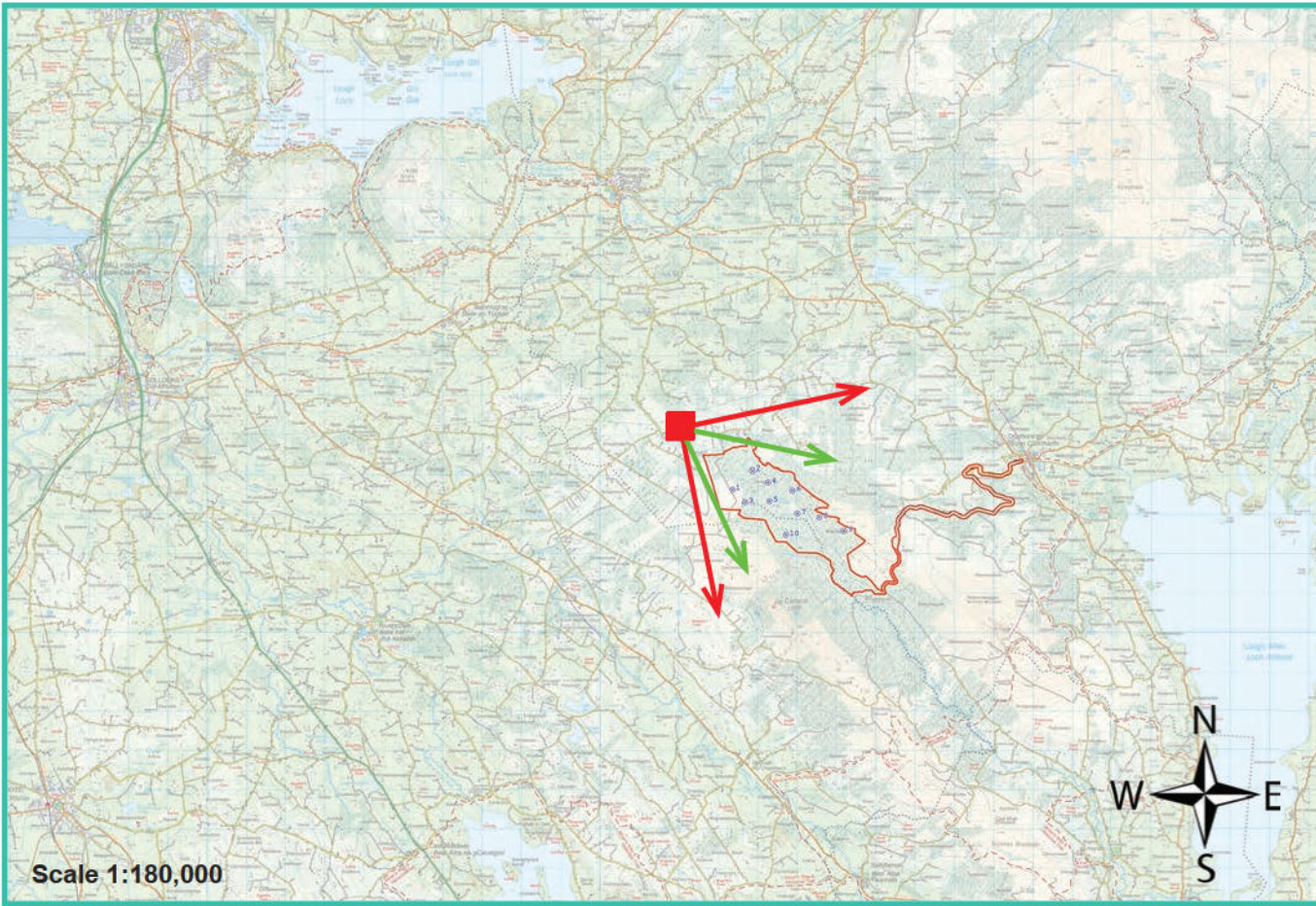
Photomontage 17

View Point: View from an unnamed local road in the townland of Tullynascreen, Co. Leitrim, approximately 1.67 kilometres north-west of the nearest turbine.

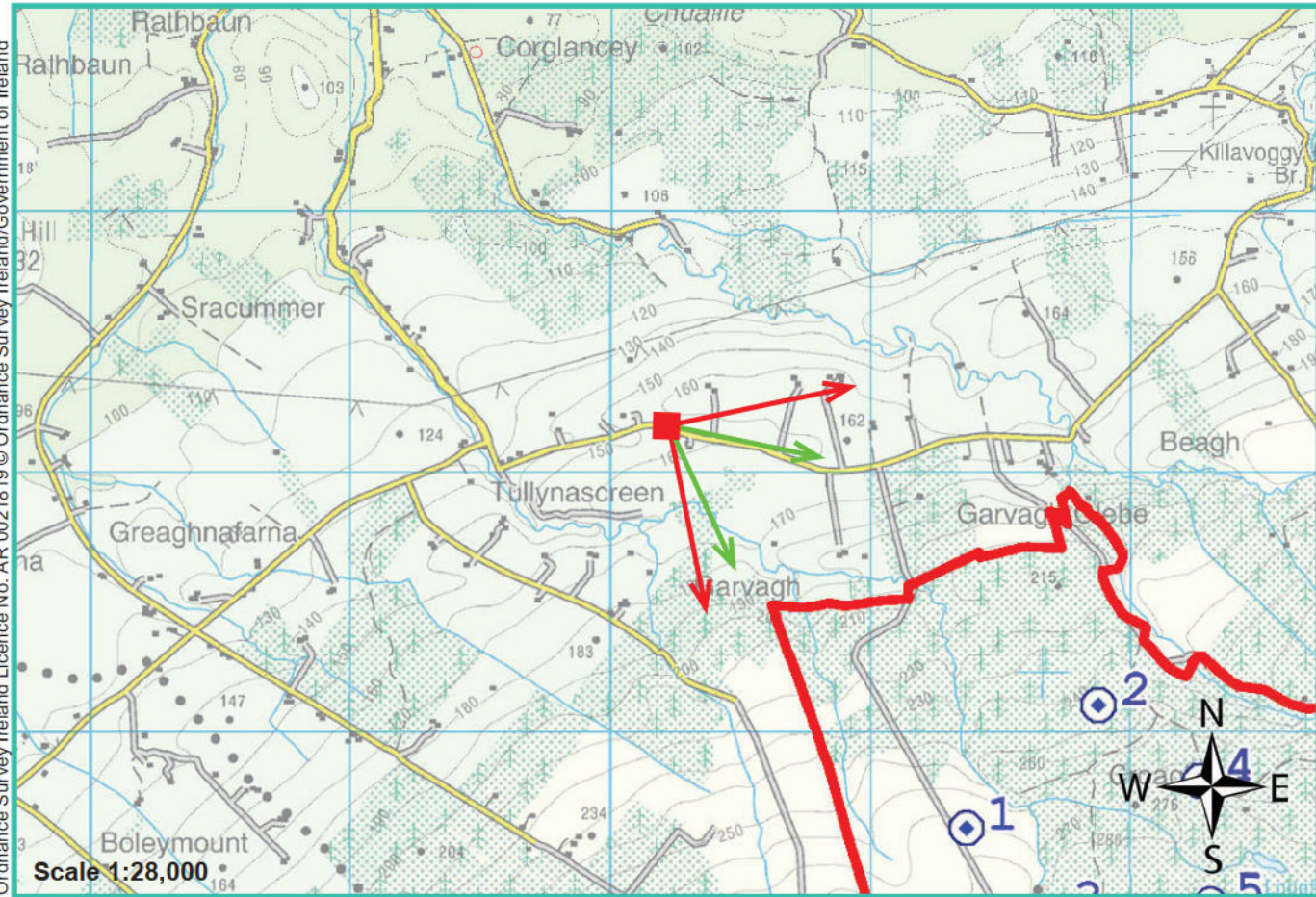
View point grid reference (Irish Grid)	182,162(E); 325,179(N)
Date of image taken	11.9.2019
Time of image taken	4:30pm
View point elevation	155m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	123°
Horizontal extent of proposed turbines	22°
Distance to nearest proposed turbine	1.9 km (T2)
Number of proposed turbines visible	6/10
Turbine Hub Height	105m
Turbine Tip Height	170m
Turbine Rotor Diameter	130m
Camera	Canon EOS 600D with 1.5x sensor
Lens	35mm prime. Equivalent zoom range 52.5mm
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	©Copyright of Ordnance Survey Ireland. All Rights Reserved; License No: AR0021819



View point relative to 20km radius.



View point relative to wind farm site (core boundary outlined in red).



Detail of view point location.

Map Legend

Area shown in 90-degree view

Area shown in 53.5-degree view

View point

EIAR Site Boundary

Wireframe Legend

Proposed Wind Farm in Blue

Existing Wind Farms in Grey

Permitted Wind Farms in Pink

Prepared by

MKO

Planning & Environmental Consultants

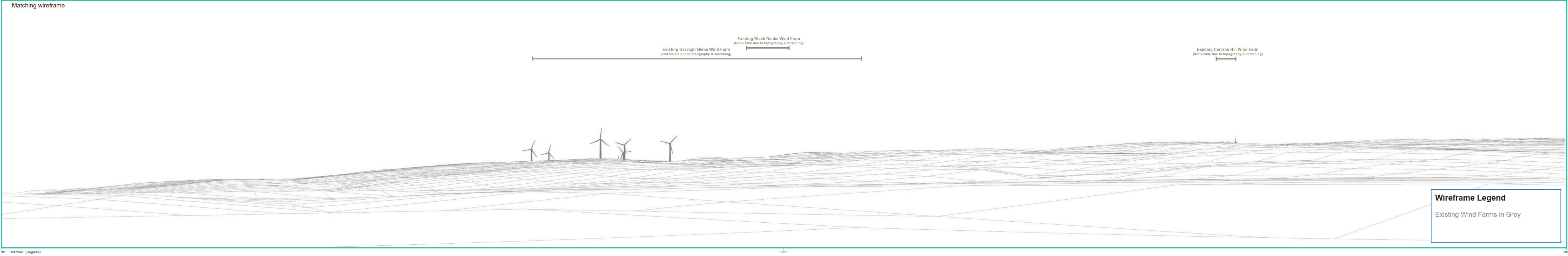
Tuam Road, Galway.

Tel: (091) 73 56 11

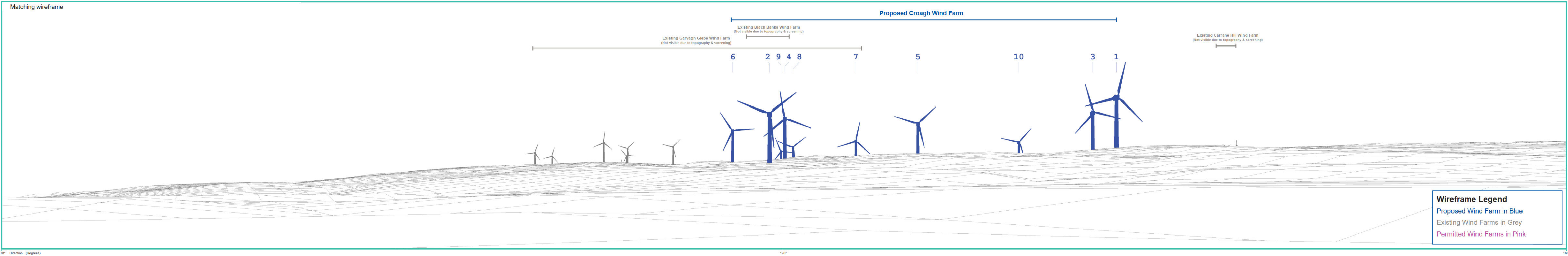
E-mail: info@mkofireland.ie

Website: www.mkofireland.ie





15011 Carrane Hill Wind Farm Photomontage Layout, Turbine layout 03.5 deg (view layout 2019) (DWG) V1 15-02-2019 (mkg)





0° Included Angle (Degrees)

20.5°

53.4°

Proposed Photomontage at 53.5 degrees with Cumulative

110811_Collier_Cumulative_WF_Photomontage_Layer1_Tube.jpg.53.5deg_west.jpg.2019 (2400) v1 (16-2-2019.indd)

95° Direction (Degrees)

123°

150°

