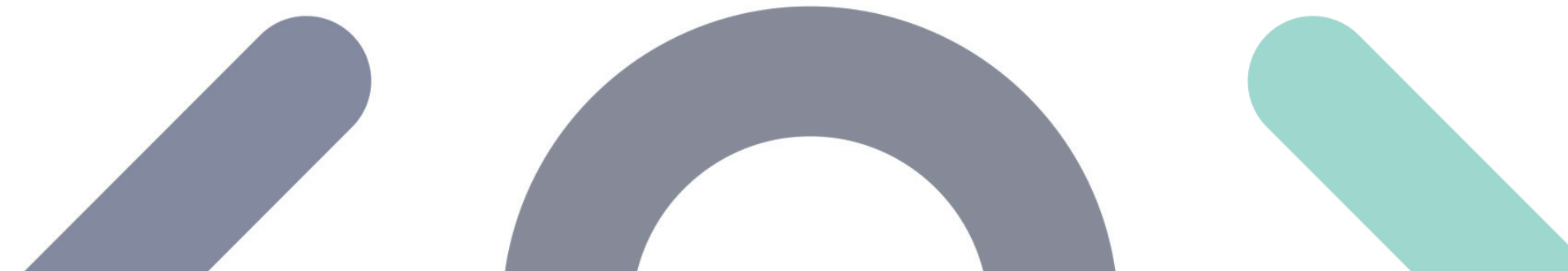


**Proposed Croagh Wind Farm,
Co. Leitrim and Co. Sligo**
Environmental Impact Assessment Report
Volume 2
Photomontage Booklet



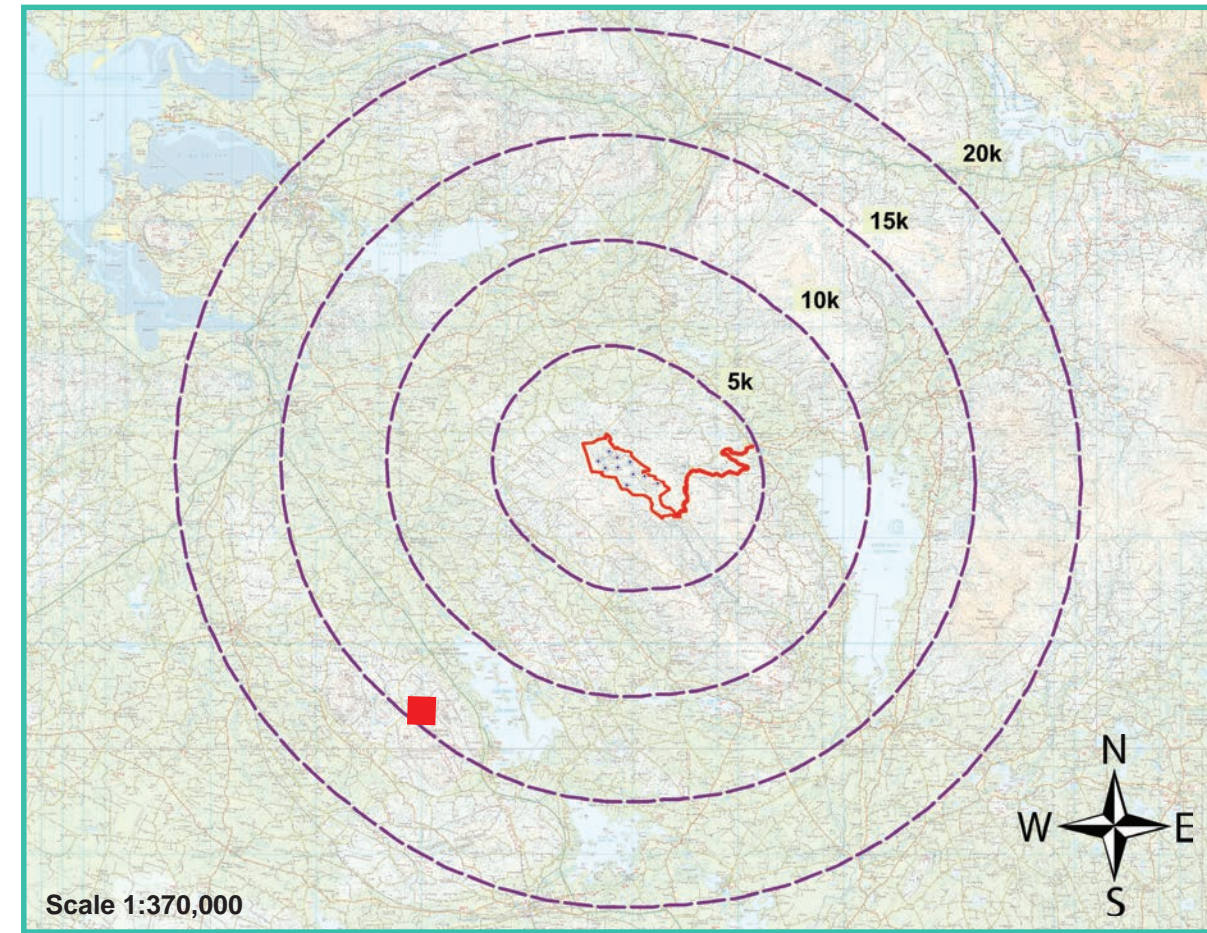
View Point
↑

Carrowkeel
County Sligo

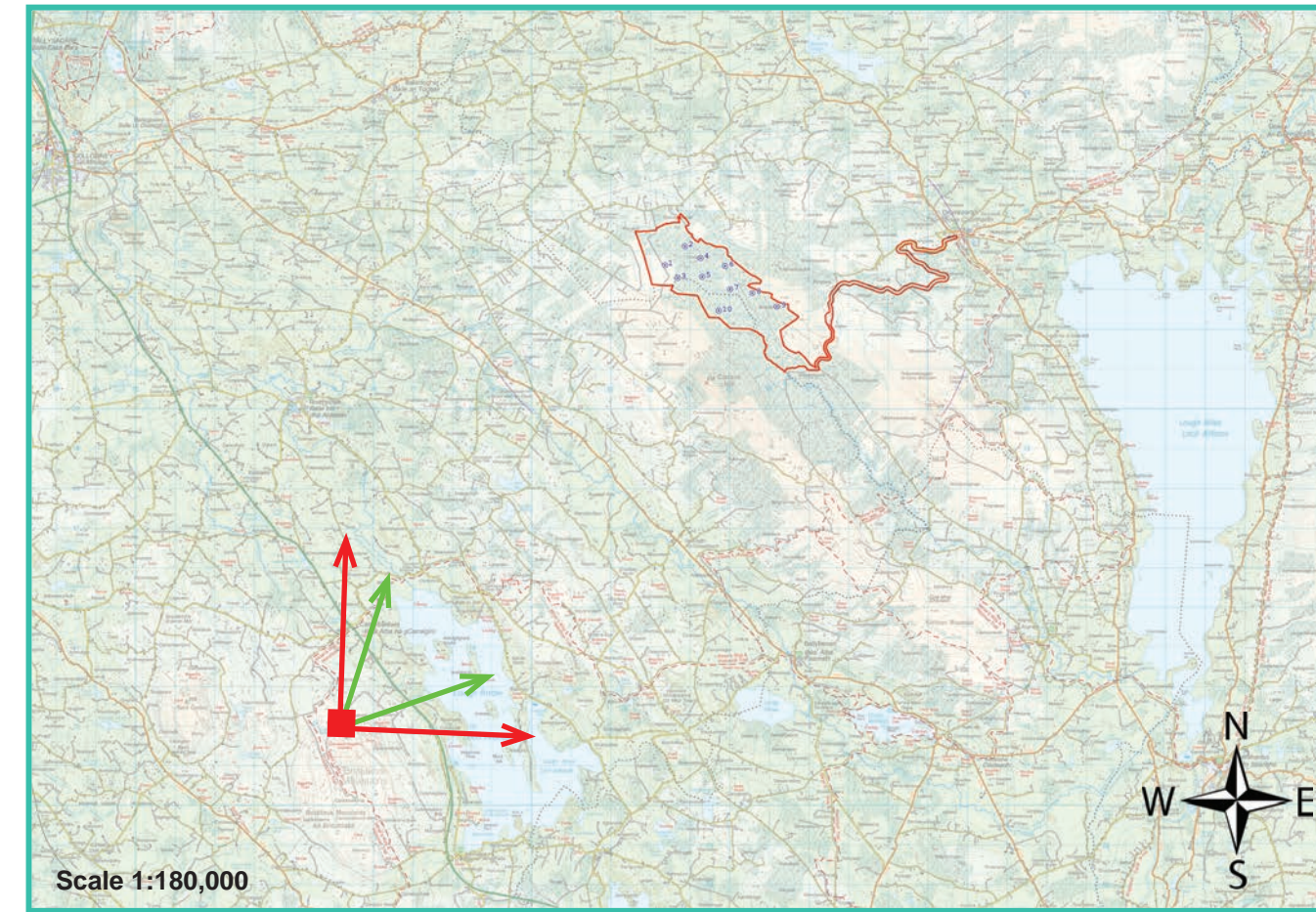
Photomontage 1

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.

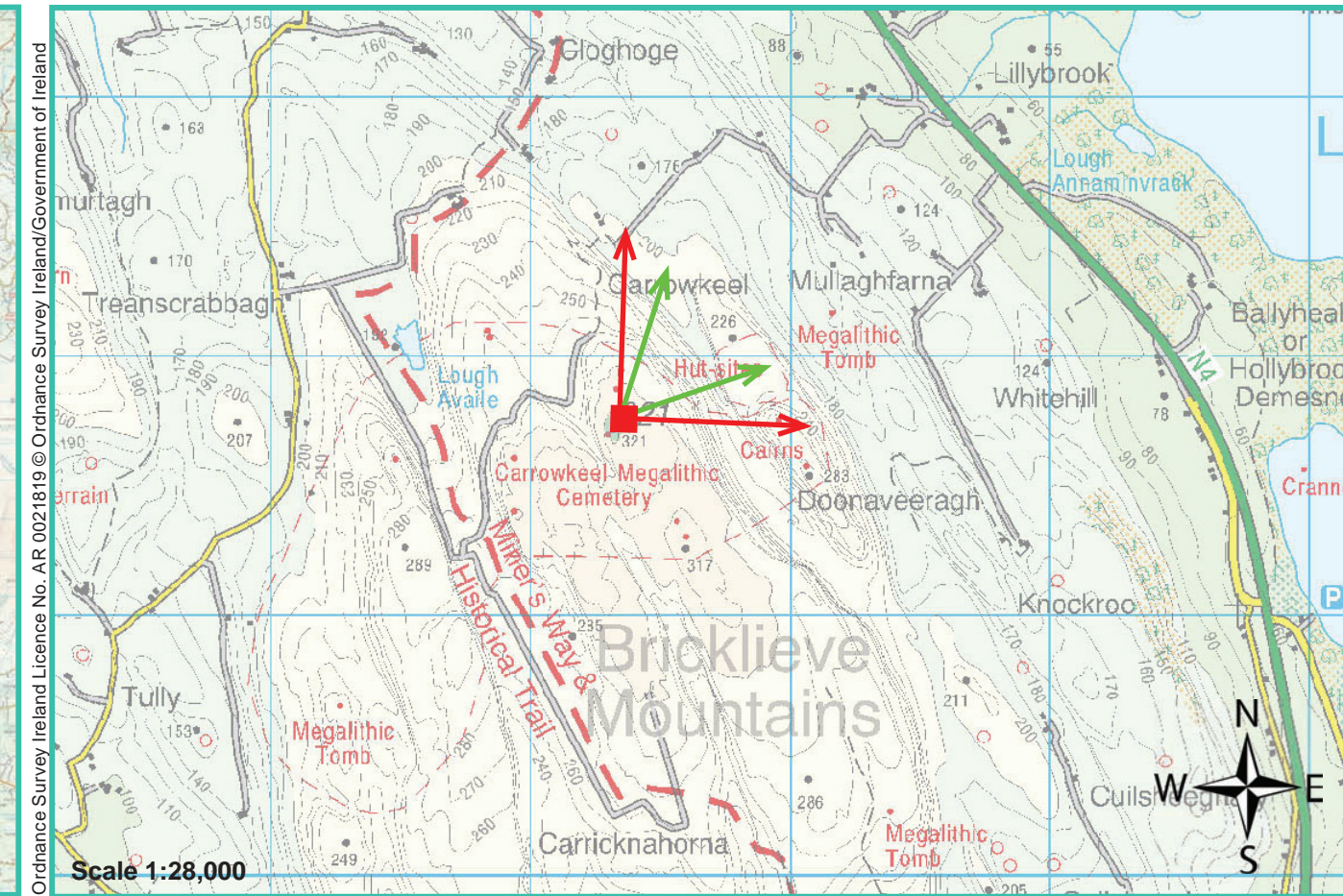
View point grid reference (Irish Grid)	175,337(E); 311,744(N)
Date of image taken	02.08.2019
Time of image taken	12:19PM
View point elevation	318m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	46°
Horizontal extent of proposed turbines	12°
Distance to nearest proposed turbine	14.58 km (T10)
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

90-Degree View Extent

Key image at 120 degrees

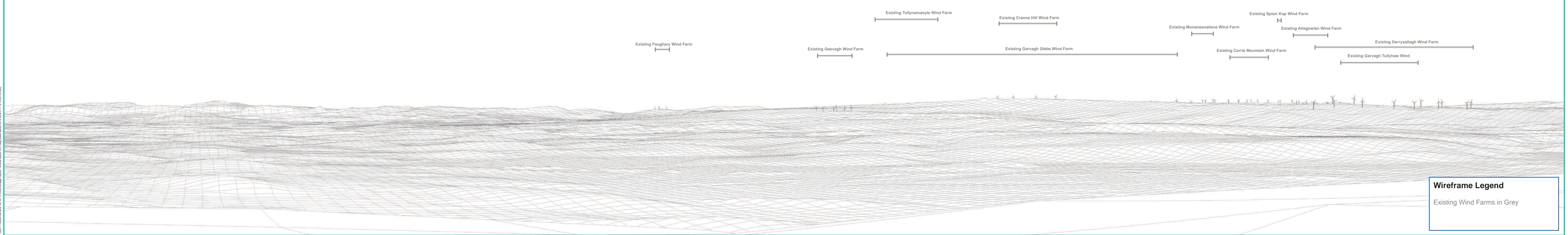


53.5-Degree View Extent

Baseline at 90 degrees



Matching wireframe

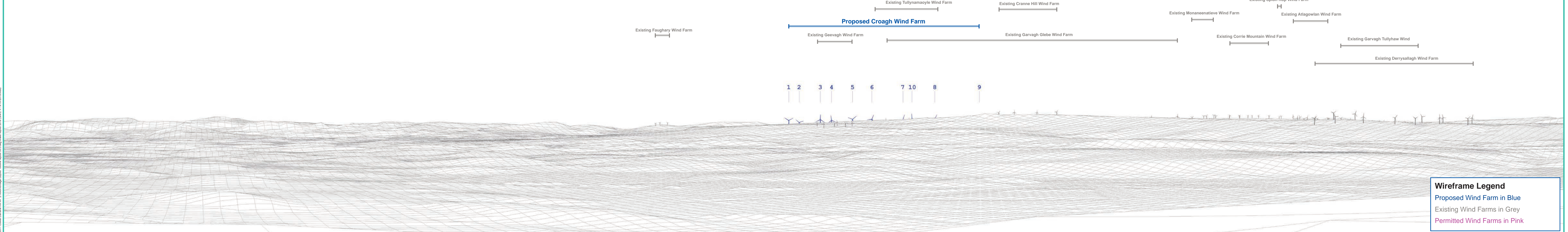


Wireframe Legend
Existing Wind Farms in Grey

180311 Collin Curran Hill WF (Photomontage Layout Turbine layout 03.5 - 04g sheet layout 2019 (S4H)) v1 9-10-2019.indd



Matching wireframe



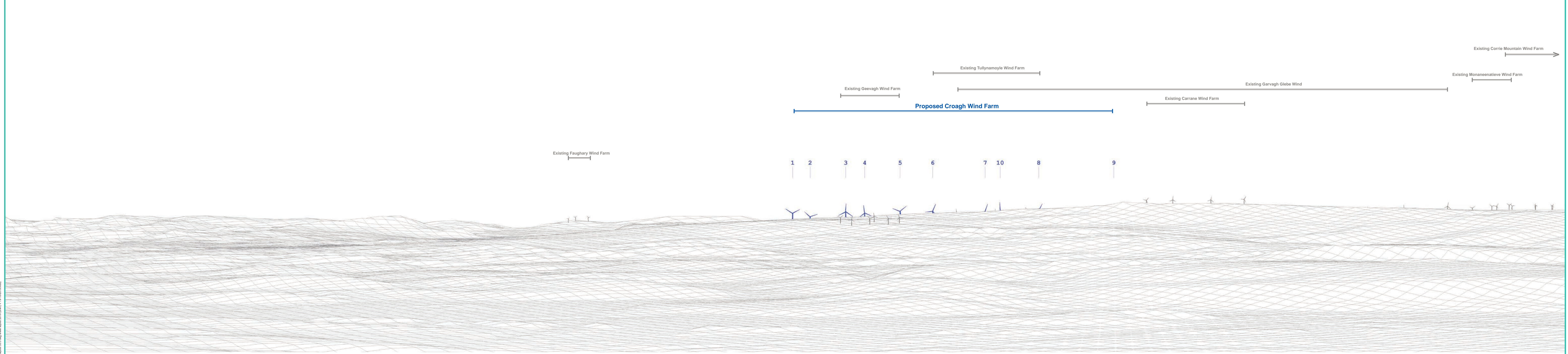
180511 Croagh Hill Wind Farm Photomontage Layout - Turbine Layout 03.5.mxd (Sheet 1 of 1) (18/10/2018 14:00)

Proposed Photomontage at 53.5 degrees with Cumulative



150511 Collin Curran Hill W/F Photomontage Layout Turbine Layout 03.5 Deg Shared Layout 2018 (S4H) v1 9-10-2018(4x4)

Matching wireframe



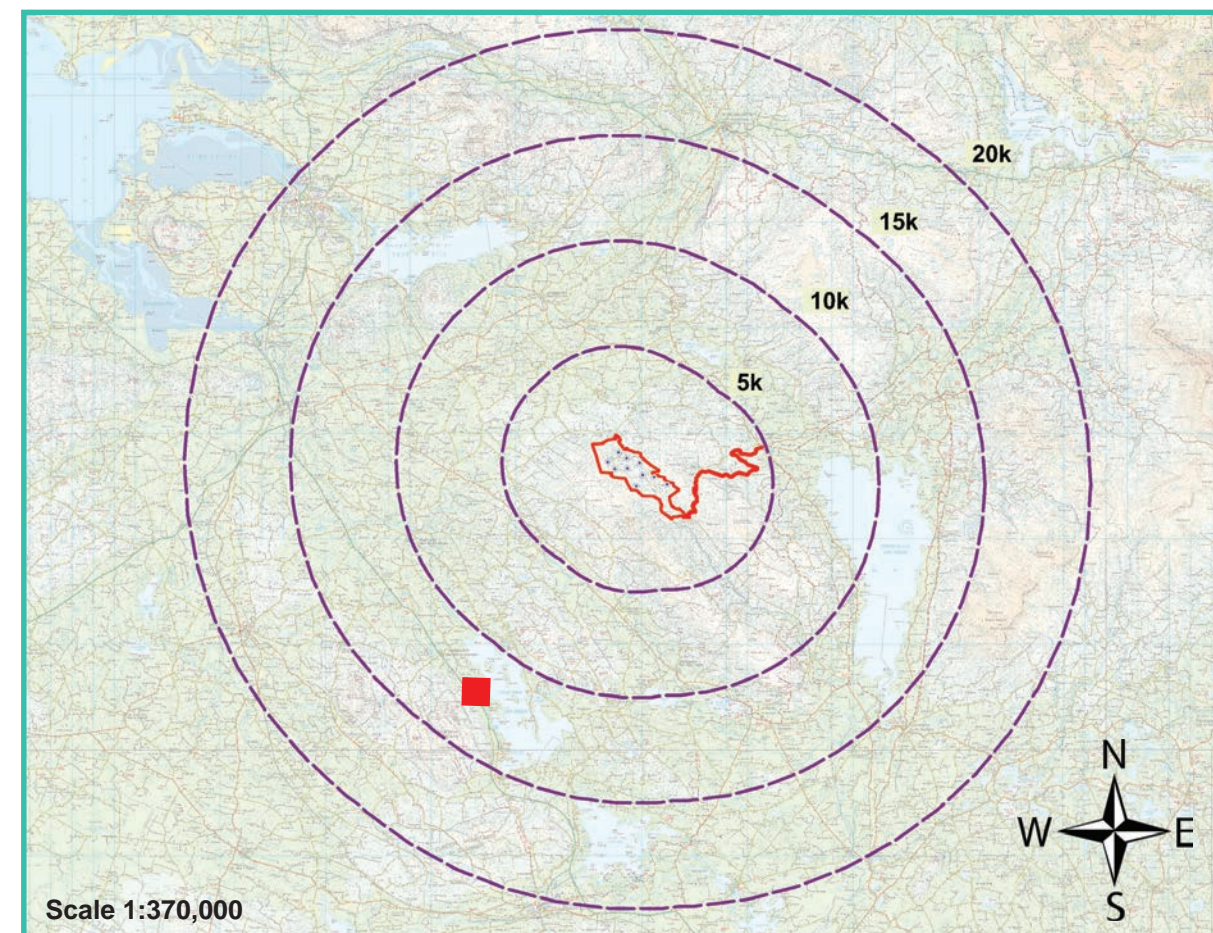
Wireframe Legend
 Proposed Wind Farm in Blue
 Existing Wind Farms in Grey
 Permitted Wind Farms in Pink

1:80511 Croagh Carrane HF WF (Photomontage Layout) Turbine Layout SS.S. Rev 04/2019 (2019-05-15-10:20:13.mxd)

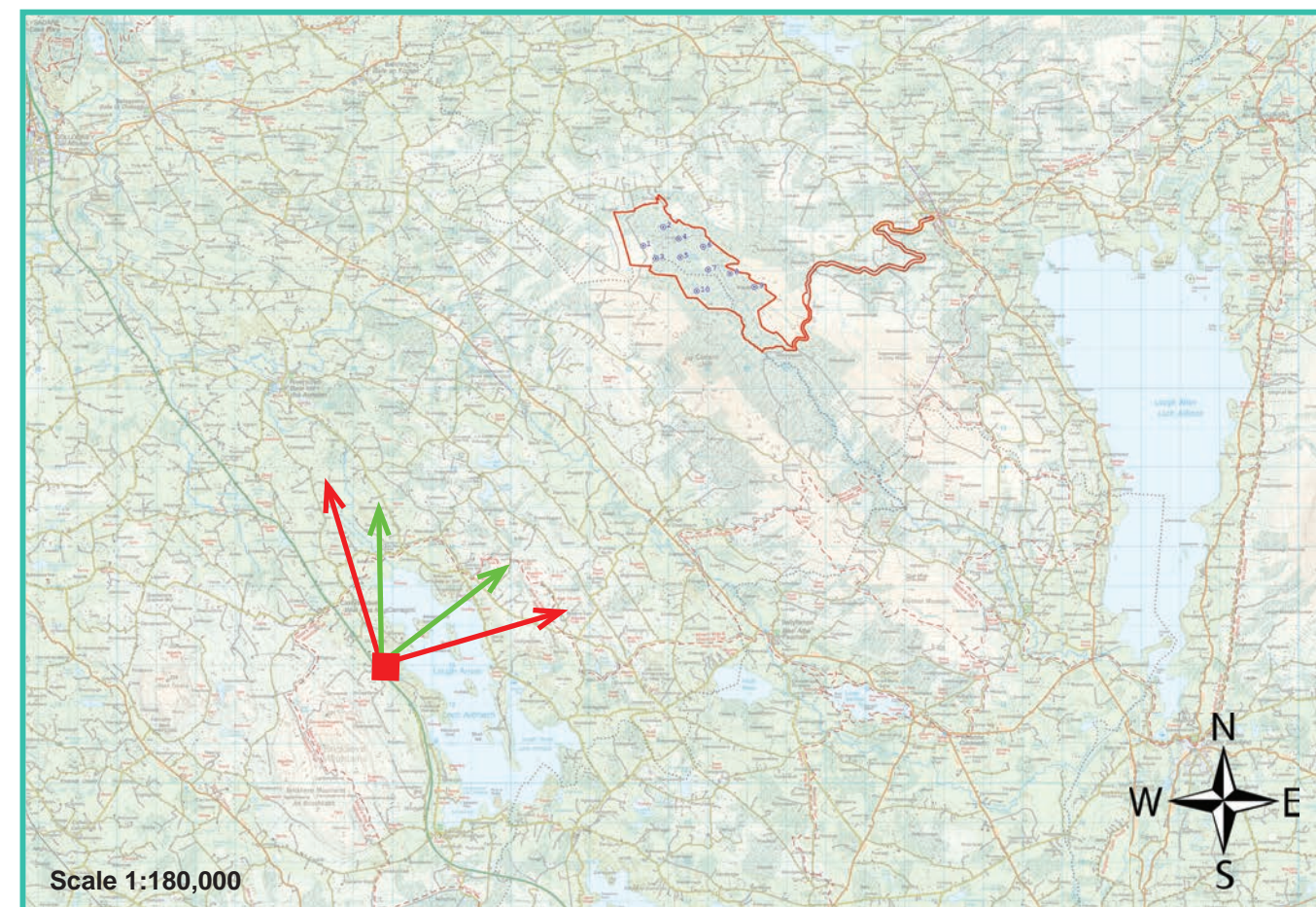
Photomontage 2

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.

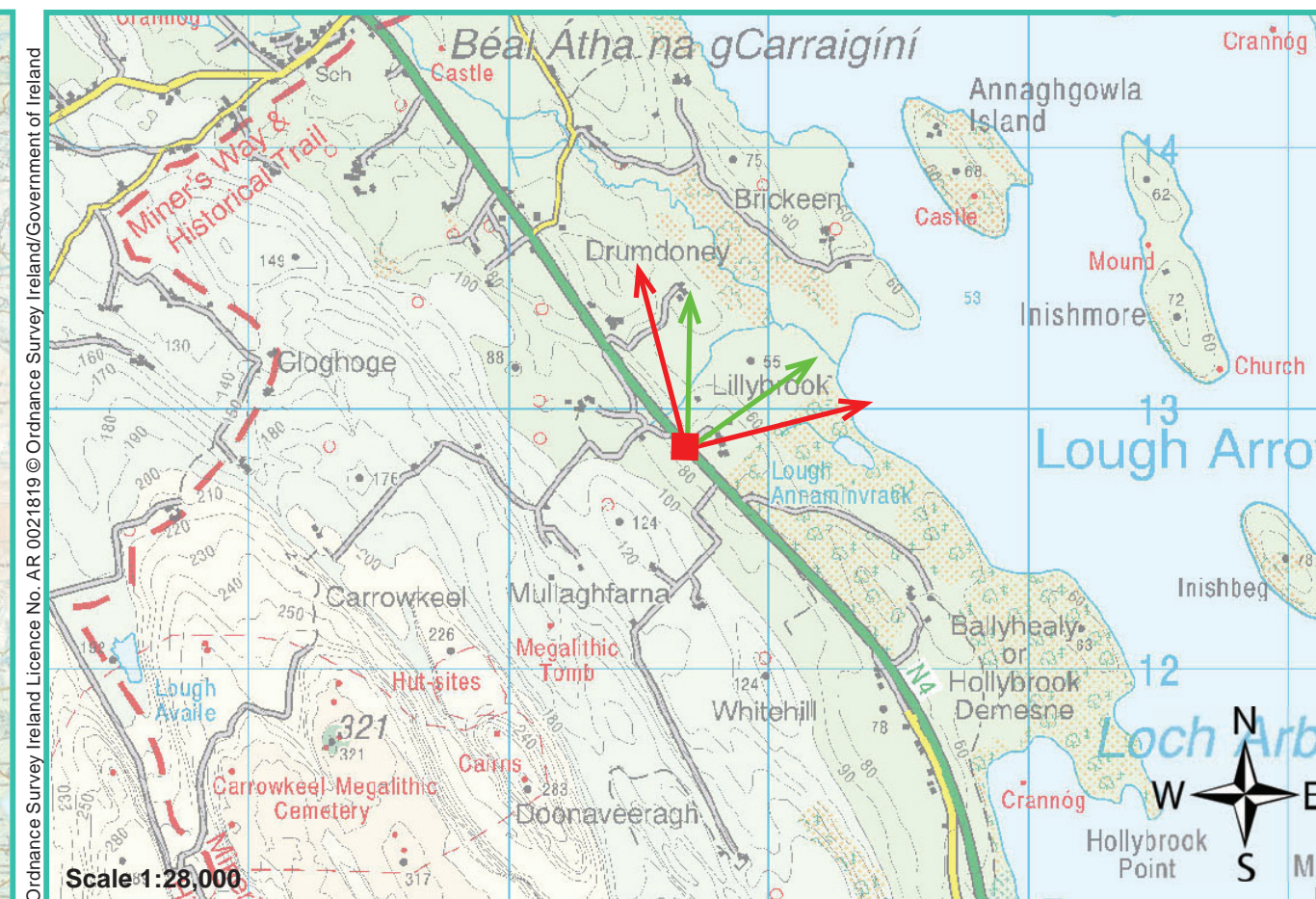
View point grid reference (Irish Grid)	176,687(E); 312,850(N)
Date of image taken	02.08.2019
Time of image taken	12:09PM
View point elevation	72m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	31°
Horizontal extent of proposed turbines	13°
Distance to nearest proposed turbine	12.28 km (T10)
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

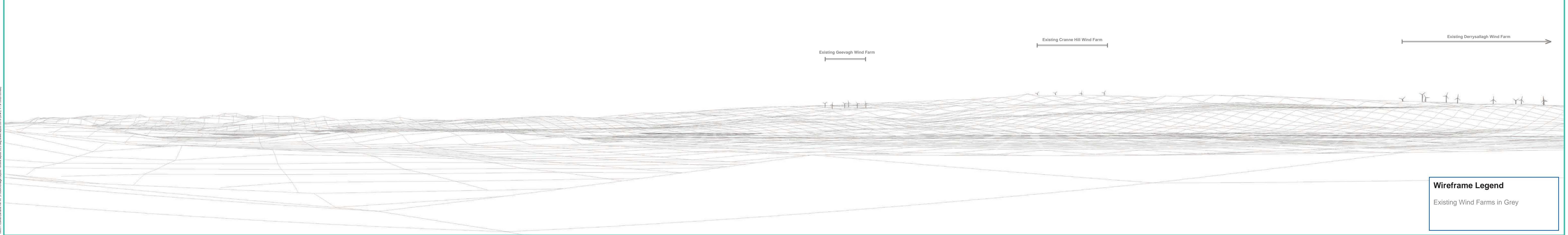


53.5-Degree View Extent

180511 Castlealdwin WF Photomontage Layout Turbine layout B3.5. Reg. 02/08/2019 (SHH) V1 9.10.2019 (9x6)



Baseline at 90 degrees



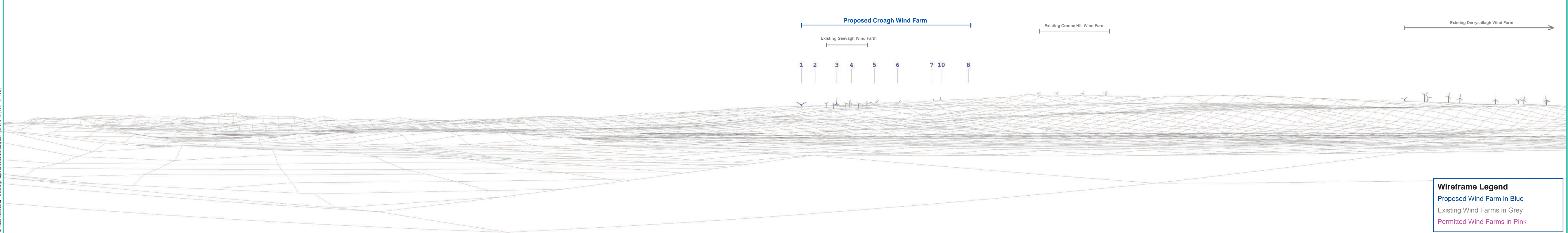
180511 Collin Cranne Hill WF (Photomontage Layout Turbine layout 03.5 - Big Sheet Layout 2019) (S44) (1) 9 10/2019 (rev6)

Wireframe Legend

Existing Wind Farms in Grey



Matching wireframe



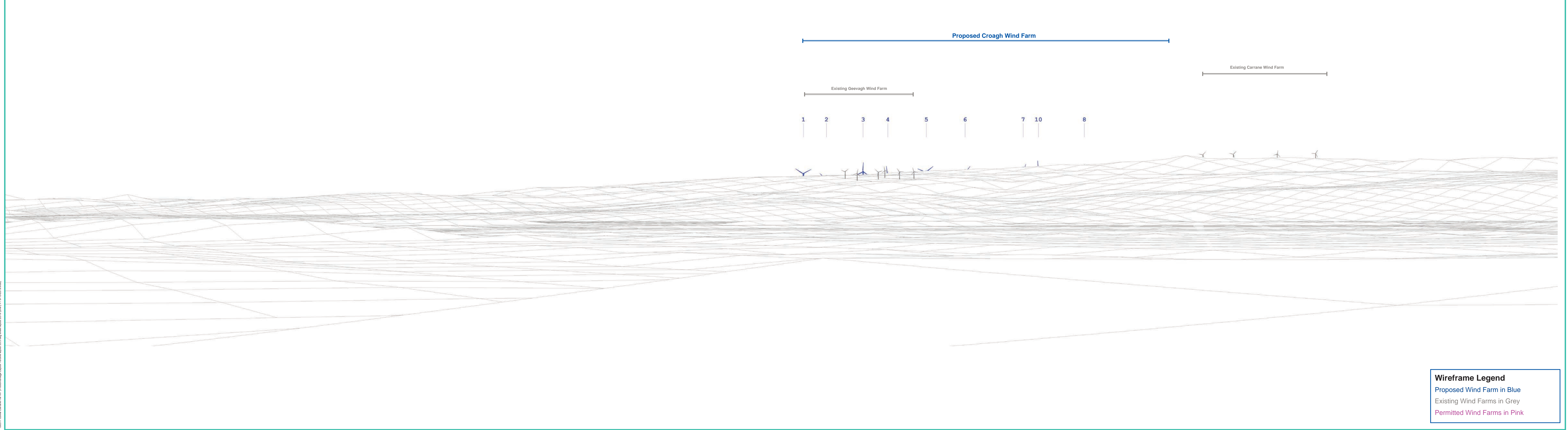
180511 Croagh Wind Farm Photomontage Layout - Derrysallagh Wind Farm - 18-10-2018 (add)

Proposed Photomontage at 53.5 degrees with Cumulative



180311 Collin Curran Hill WIP Photomontage Layout Turbine layout 03.5 deg shared layout 2018 (SHE) v1 9-10-2018(4x6)

Matching wireframe



Wireframe Legend

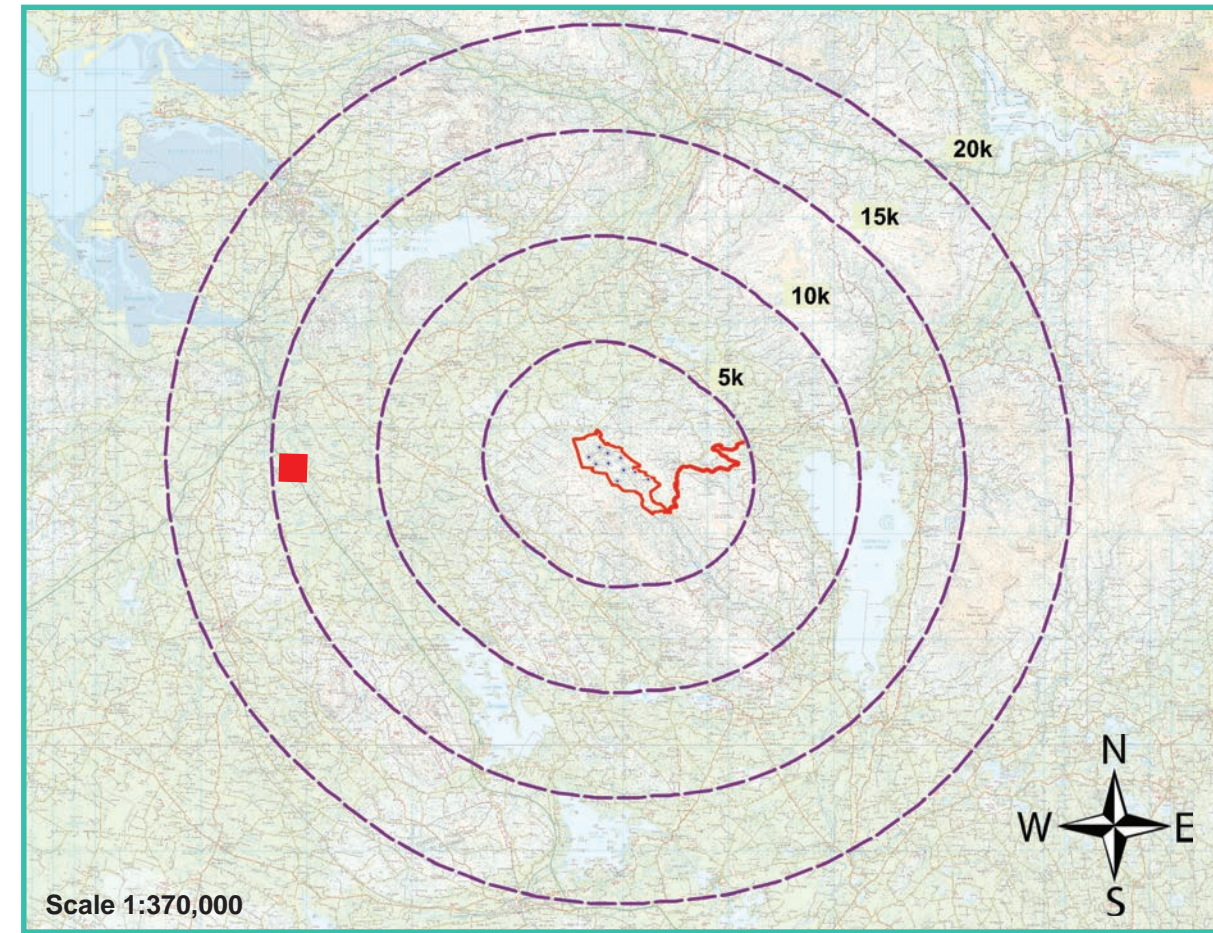
- Proposed Wind Farm in Blue
- Existing Wind Farms in Grey
- Permitted Wind Farms in Pink

180511 Croagh Carrane HF WF (Photomontage Layout) Turbine Layout SS.S. Rev 04/2019 (BIM) V1 15-10-2019 (add)

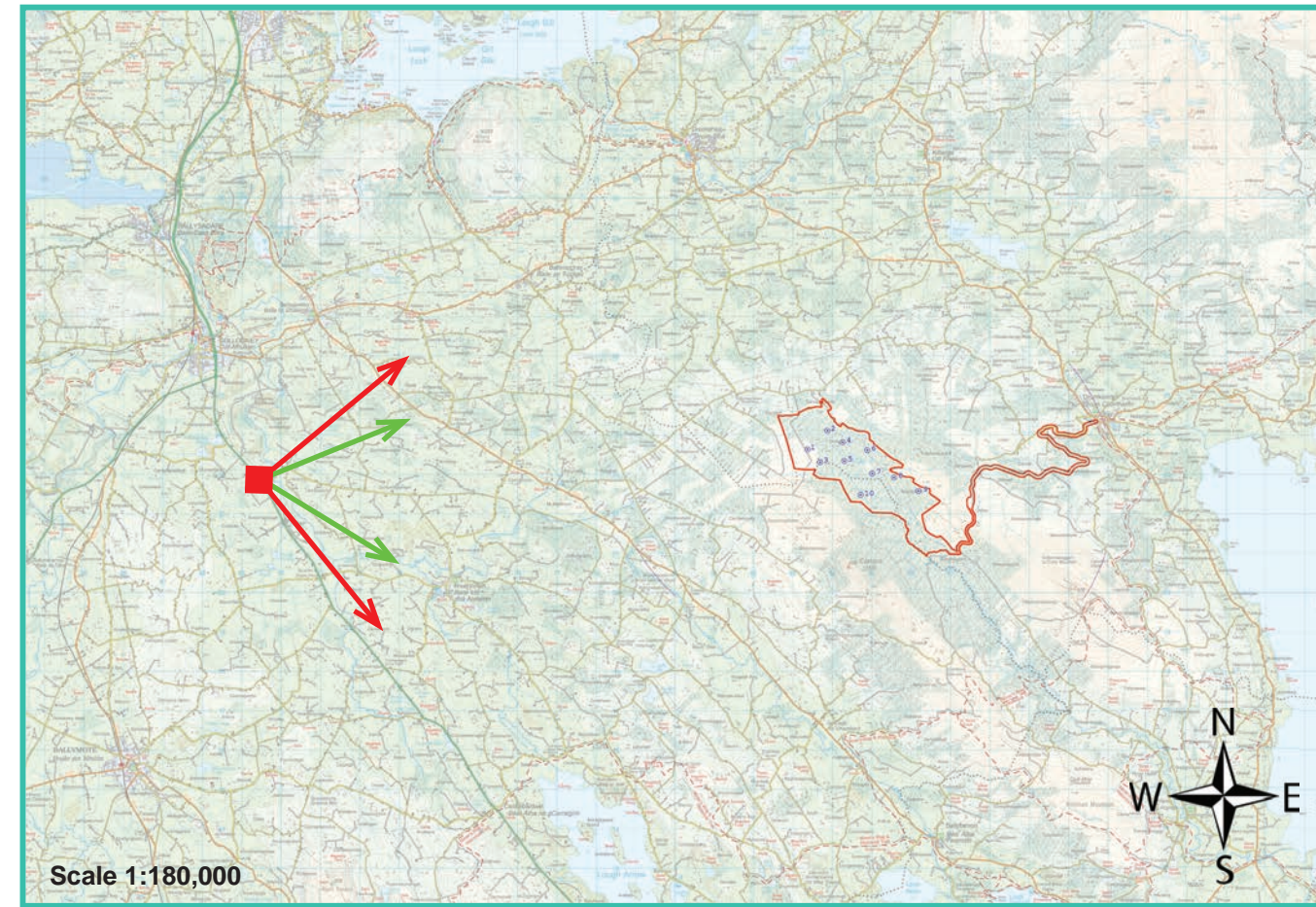
Photomontage 3

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.

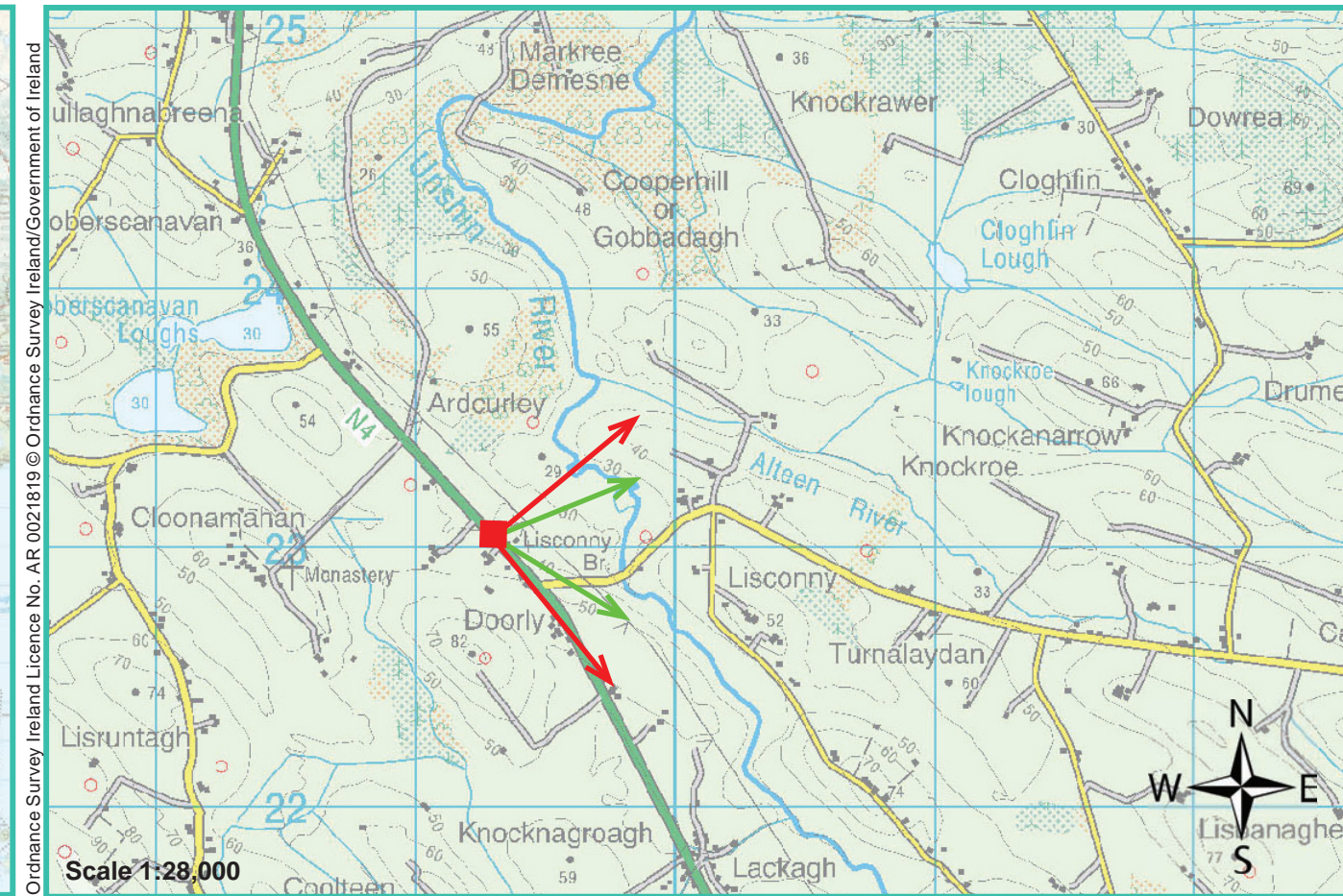
View point grid reference (Irish Grid)	169,257(E); 323,083(N)
Date of image taken	2.08.2019
Time of image taken	3:19PM
View point elevation	40m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	95°
Horizontal extent of proposed turbines	6°
Distance to nearest proposed turbine	14.19 km (T1)
Number 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

90-Degree View Extent

Key image at 120 degrees

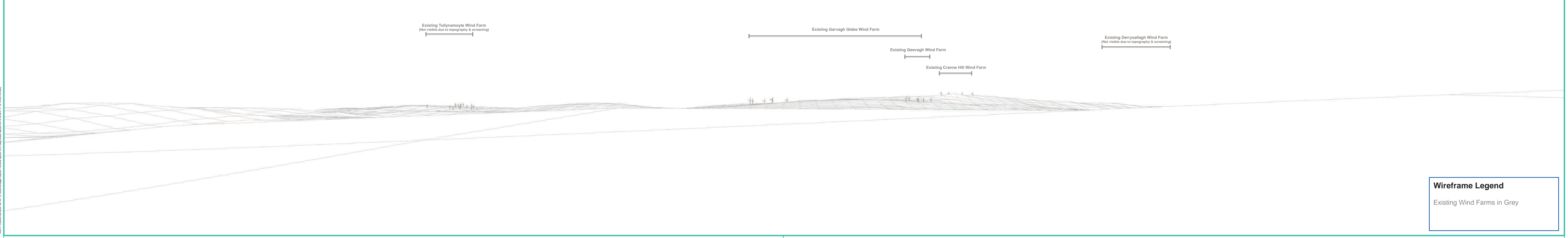


53.5-Degree View Extent

Baseline at 90 degrees



Matching wireframe

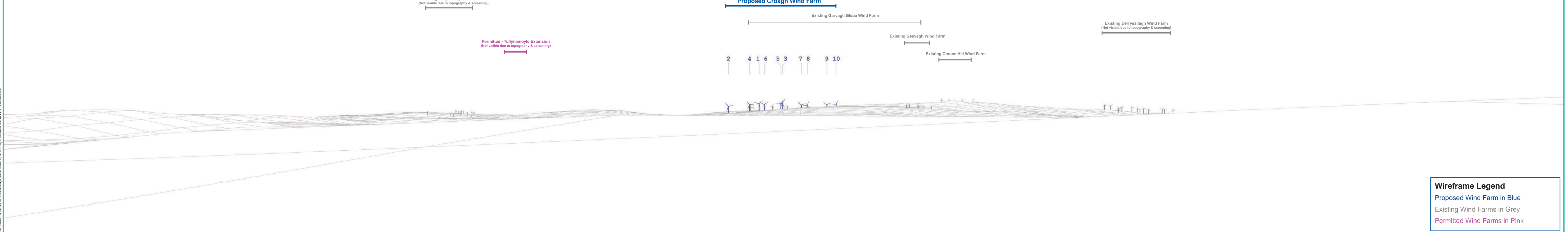


Wireframe Legend

Existing Wind Farms in Grey



Matching wireframe



Wireframe Legend

- Proposed Wind Farm in Blue
- Existing Wind Farms in Grey
- Permitted Wind Farms in Pink

180511 Collin Cranne Hill V17 Photomontage Layout - Tullynamoyle V17 - 18-10-2018.indd

0° Included Angle (Degrees)

26.5°

53.4°

Proposed Photomontage at 53.5 degrees with Cumulative



180311 Collin Curran Hill WVF Photomontage Layout Turbine Layout 03.5 Deg View 2018 (SWH) V1 9-10-2018 (wvf)

68° Direction (Degrees)

96°

122°

Matching wireframe



Existing Tullynamoyle Wind Farm
(Not visible due to topography & screening)

Permitted - Tullynamoyle Extension
(Not visible due to topography & screening)

Proposed Croagh Wind Farm

Existing Garvagh Glebe Wind

Existing Derrysallagh Wind Farm
(Not visible due to topography & screening)

2 4 1 6 5 3 7 8 9 10

Existing Geevagh Wind Farm

Existing Carrane Hill Wind Farm

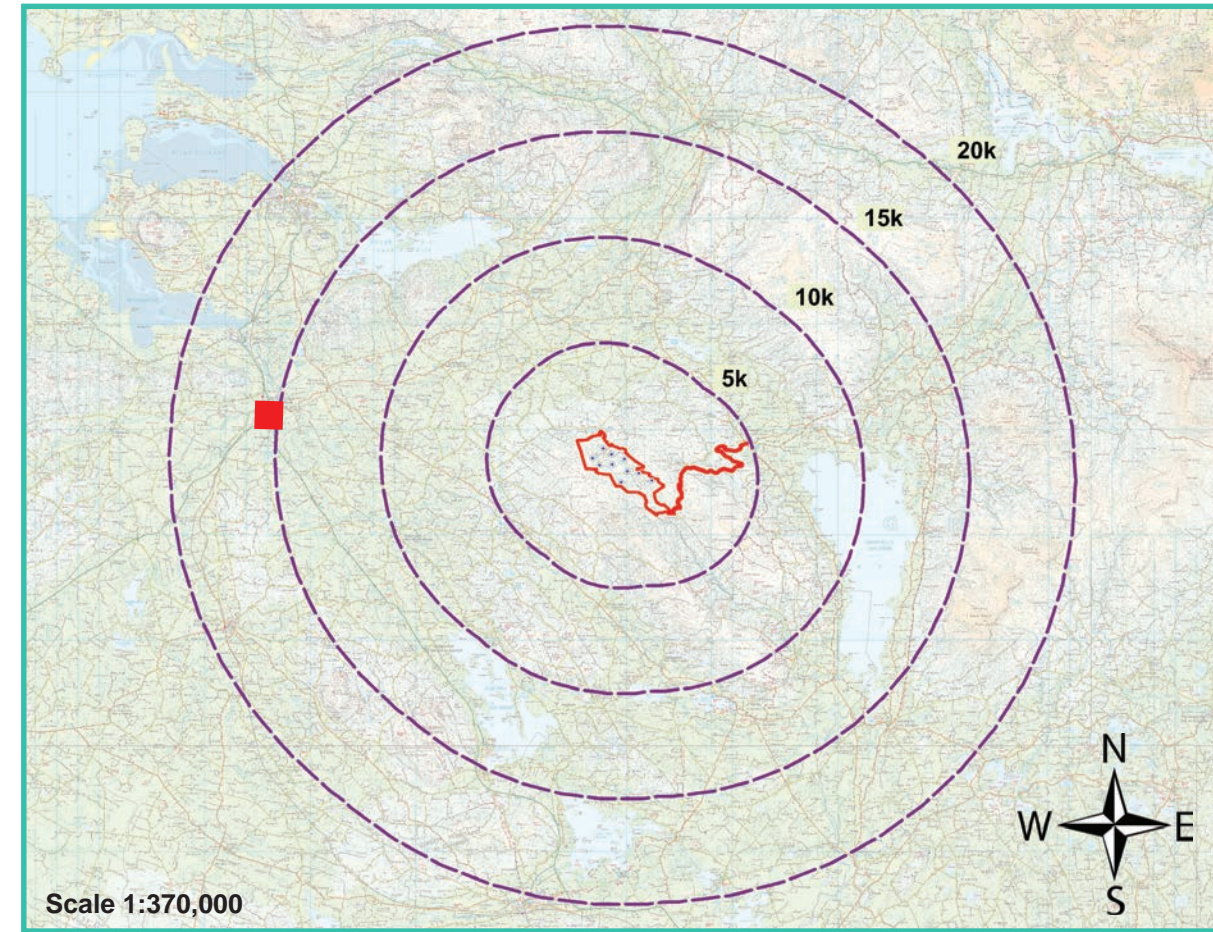
Wireframe Legend

- Proposed Wind Farm in Blue
- Existing Wind Farms in Grey
- Permitted Wind Farms in Pink

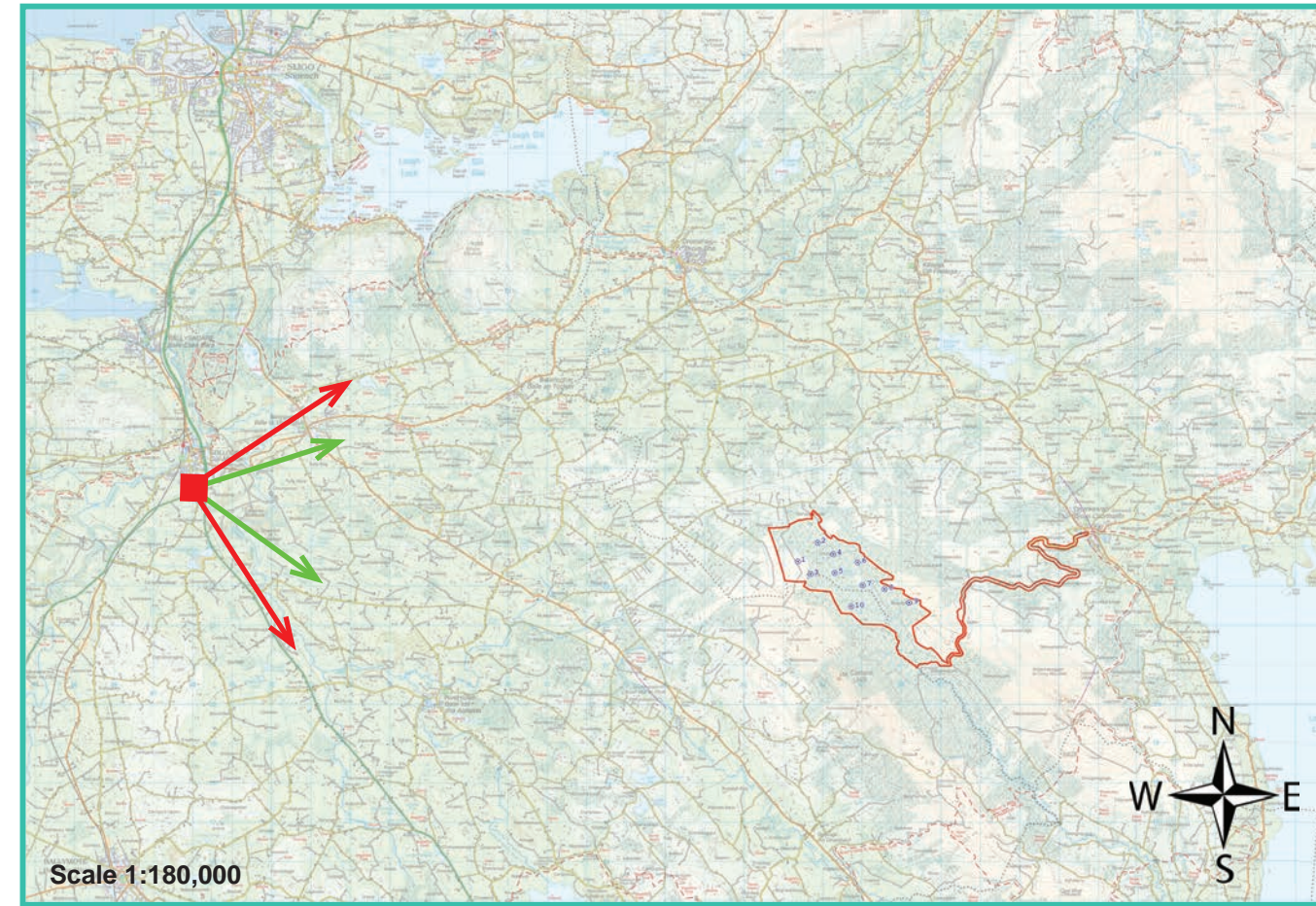
Photomontage 4

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.

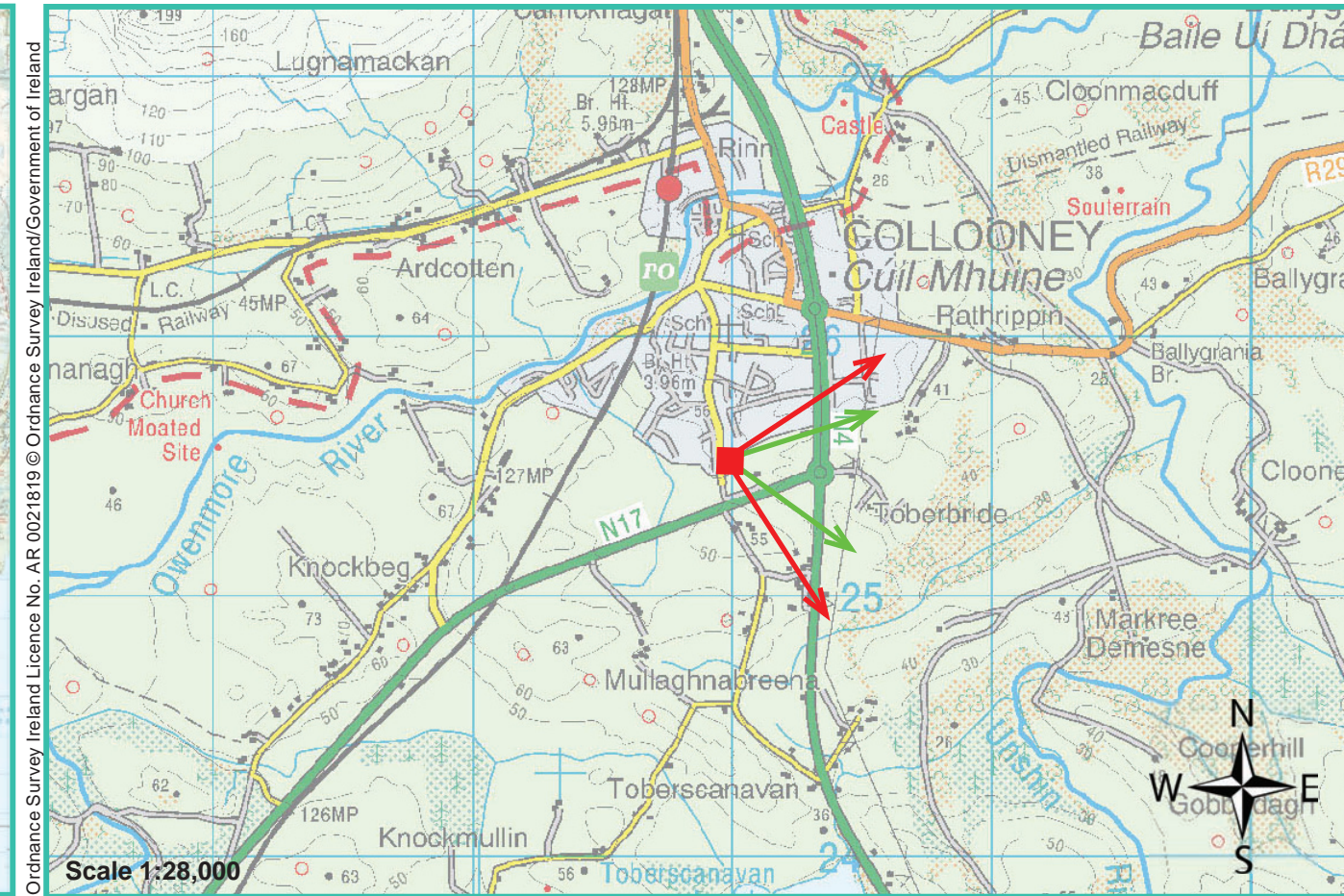
View point grid reference (Irish Grid)	167,949(E); 325,527(N)
Date of image taken	01.08.2019
Time of image taken	4:42PM
View point elevation	50m
Angle of Views	90° \ 53.5°
View Direction (Image Centre)	104°
Horizontal extent of proposed turbines	7°
Distance to nearest proposed turbine	16.26 km (T1)
Number 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.
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 (Red arrows)
- Area shown in 53.5-degree view (Green arrows)
- View point (Red square)
- EIAR Site Boundary (Red outline)

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

90-Degree View Extent

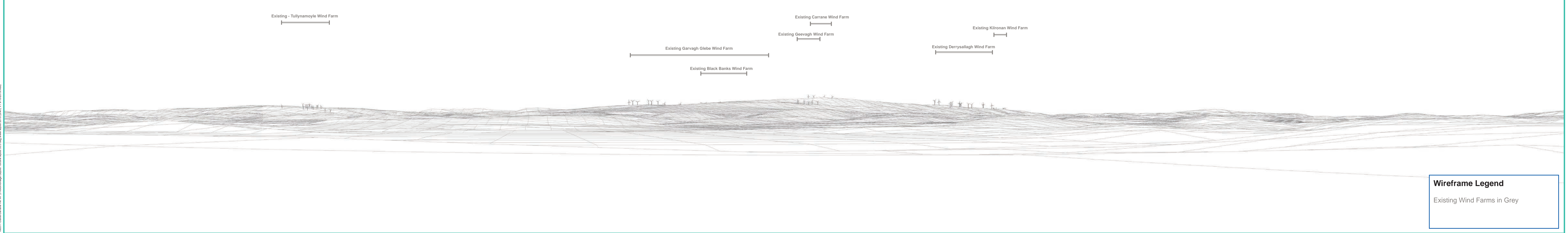
Key image at 120 degrees



53.5-Degree View Extent



Matching wireframe

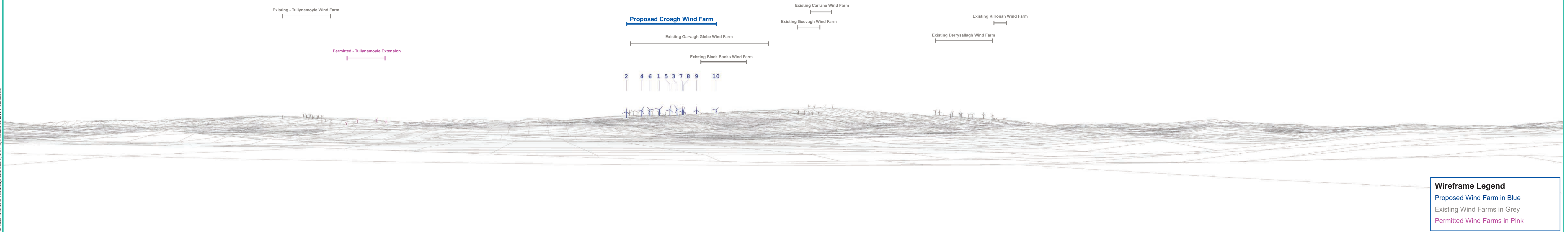


Wireframe Legend
Existing Wind Farms in Grey

180511 Collin Carrane Hill WF (Photomontage Layout Turbine layout 03.5 - Big Sheet layout 2019) (S44) (1) 9-10-2019 (rev6)



Matching wireframe

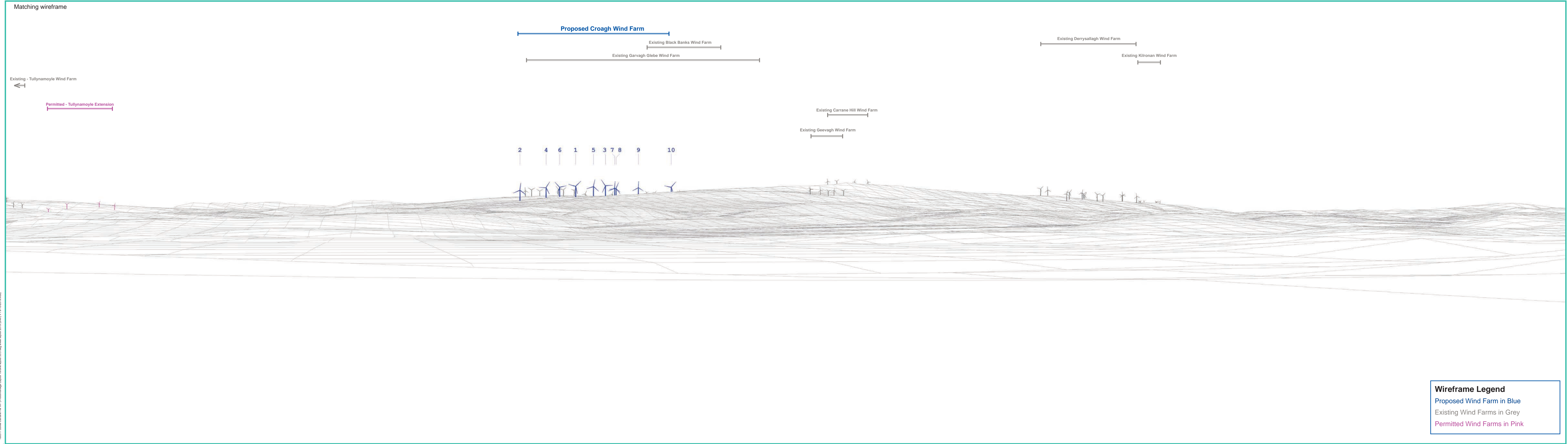


180511 Colla Carrane Hill V16 Photomontage Layout - Tullynamoyle Wind Farm - 03.05.2018 (180511-030518-001)

Proposed Photomontage at 53.5 degrees with Cumulative



150511 Collin Curran Hill WP Photomontage Layout Turf Layout 03.5 Deg View 2019 (SWH) (1 of 10 2019.indd)



Existing - Tullynamoyle Wind Farm

Permitted - Tullynamoyle Extension

Proposed Croagh Wind Farm

Existing Black Banks Wind Farm

Existing Garvagh Glebe Wind Farm

Existing Derrysallagh Wind Farm

Existing Kilonan Wind Farm

Existing Carrane Hill Wind Farm

Existing Geevagh Wind Farm

2 4 6 1 5 3 7 8 9 10

Wireframe Legend

- Proposed Wind Farm in Blue
- Existing Wind Farms in Grey
- Permitted Wind Farms in Pink

