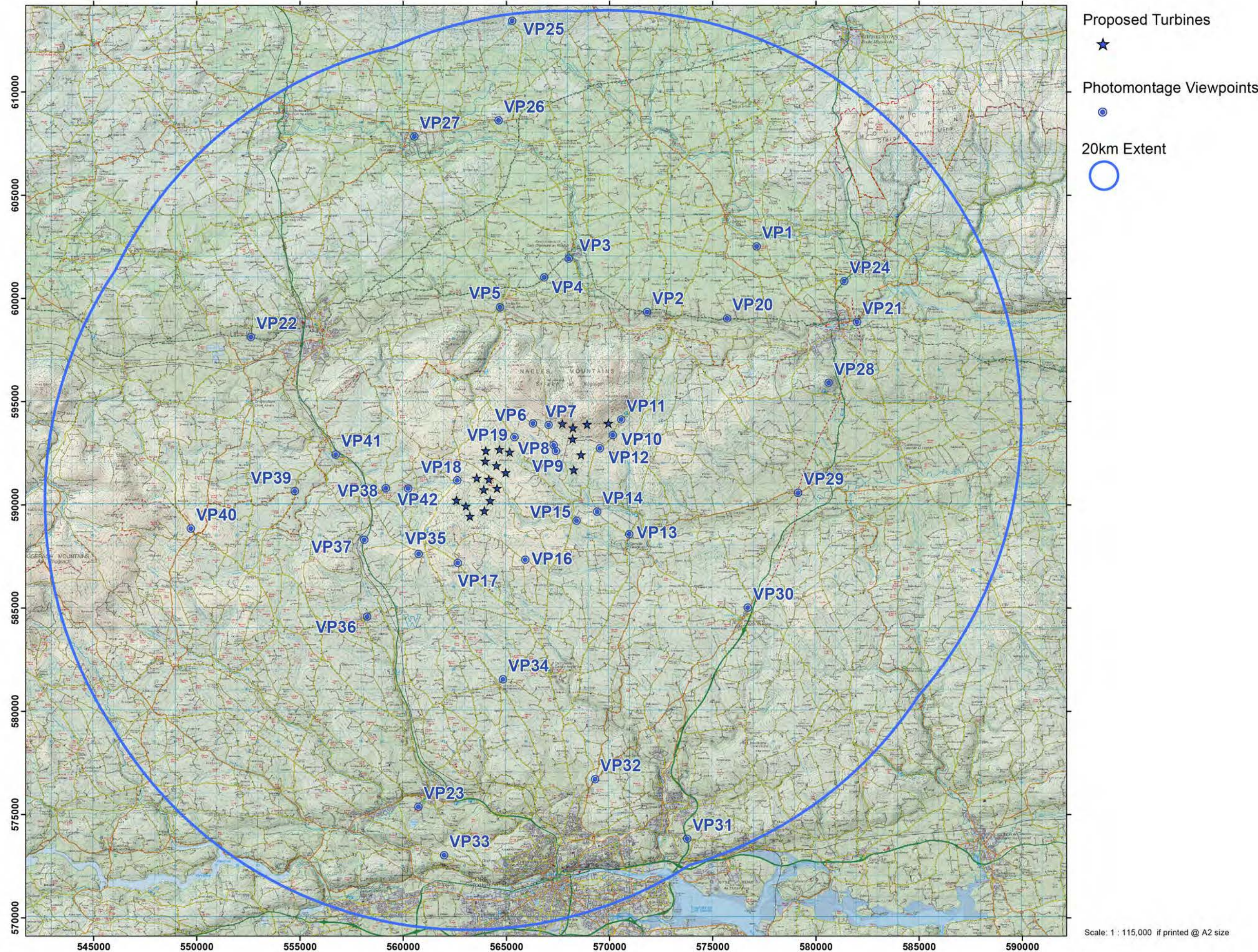


Coom Wind Farm

LVIA Viewpoint Photomontages
Book 1

December 2020

VP Map



Proposed Turbines



Photomontage Viewpoints



20km Extent



Scale: 1 : 115,000 if printed @ A2 size



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VP17: L6956 southeast of Bottlehill

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VP18: Local road at Gortaneelig

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 Page 4: Cumulative Photomontage View

VP19: Local road at Knuttery

Page 1: Map and Information
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 Page 3: Photomontage View
 Page 4: Cumulative Photomontage View

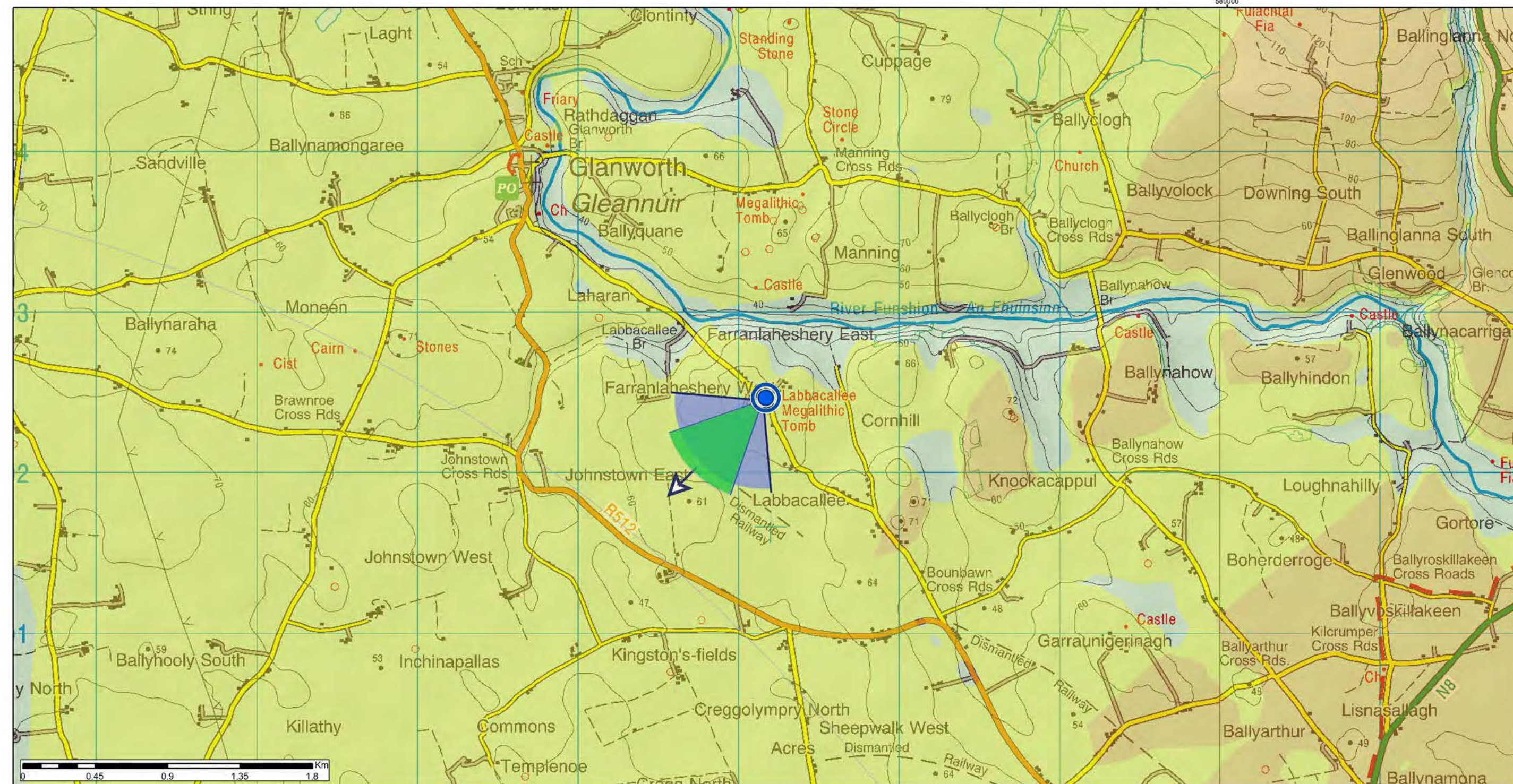
VP20: N72 at Inchinpallas

Page 1: Map and Information
 Page 2: Existing View
 Page 3: Photomontage View
 Page 4: Cumulative Photomontage View

VP21: M8 overbridge of River Blackwater

Page 1: Map and Information
 Page 2: Existing View
 Page 3: Photomontage View
 Page 4: Cumulative Photomontage View

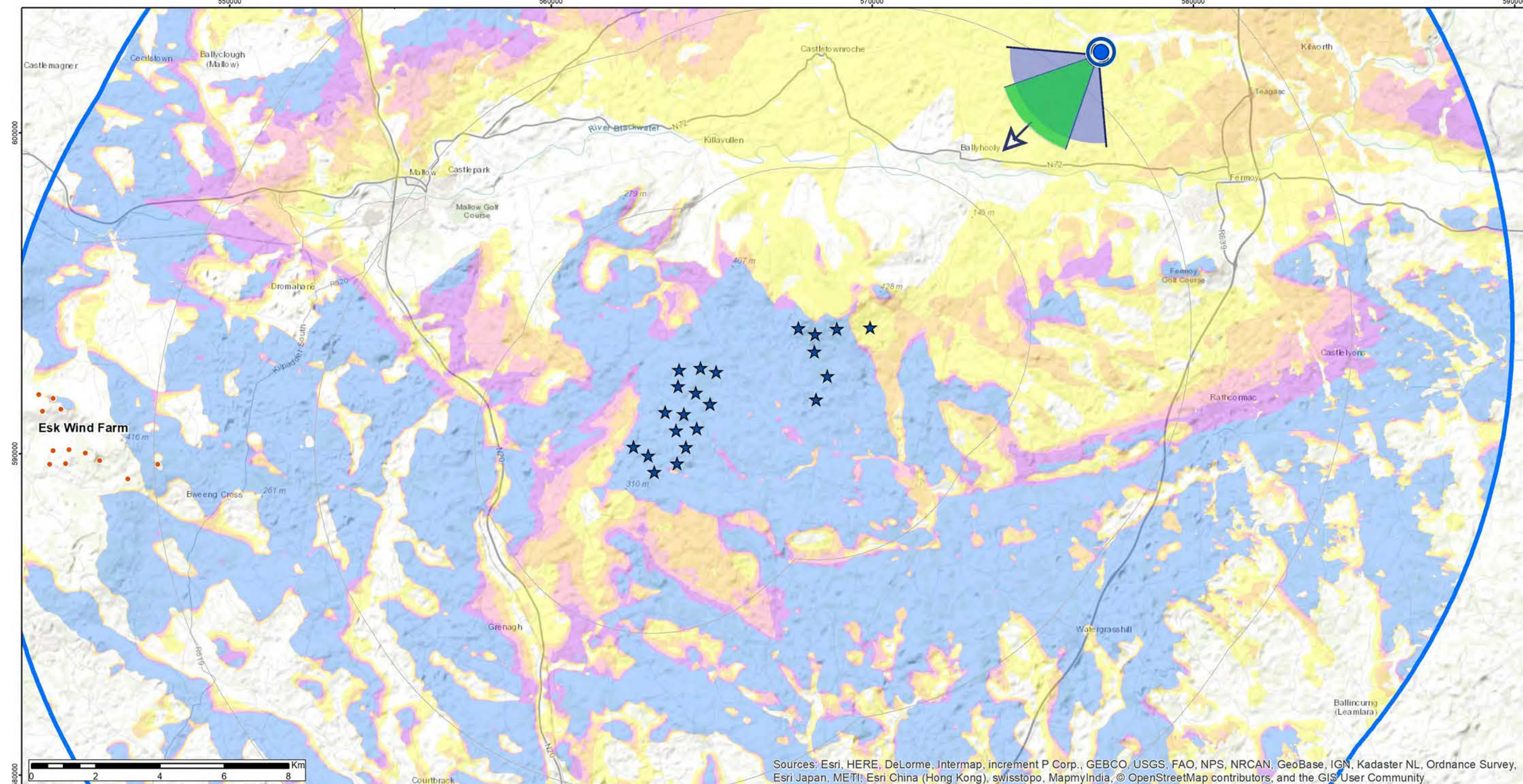
Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

Local road adjacent to Labbacallee Wedge Tomb southeast of Glanworth

Viewpoint Ref: VP1



Scale 1:25,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 577128.80
 Northing: 602516.88
 Elevation: 70.7 m

Photo Capture Information

Date: 14/05/2019
 Time: 13:10
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

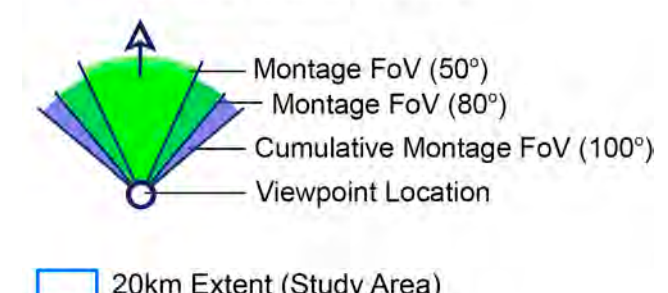
Visibility Information

Number of Nacelles Theoretically Visible: 0.0
 Number of Nacelles Actually Visible: 0
 Angle of View Theoretically Occupied by Turbines: 8.0°
 Angle of View Actually Occupied by Turbines: 8.0°
 Distance to Nearest Turbine: 11.2 km
 Distance to Nearest Visible Turbine: 11.2 km

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings

★ Proposed Turbine Locations



Theoretical Turbine Visibility

★ Proposed Crockahenny

No. Turbines Visible

- 1 - 5 (Yellow)
- 6 - 9 (Orange)
- 10 - 13 (Red)
- 14 - 17 (Purple)
- 18 - 22 (Blue)

Cumulative Windfarm Status

- Eske Wind Farm (Existing) (Orange star)

Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1



Existing View



Montage View

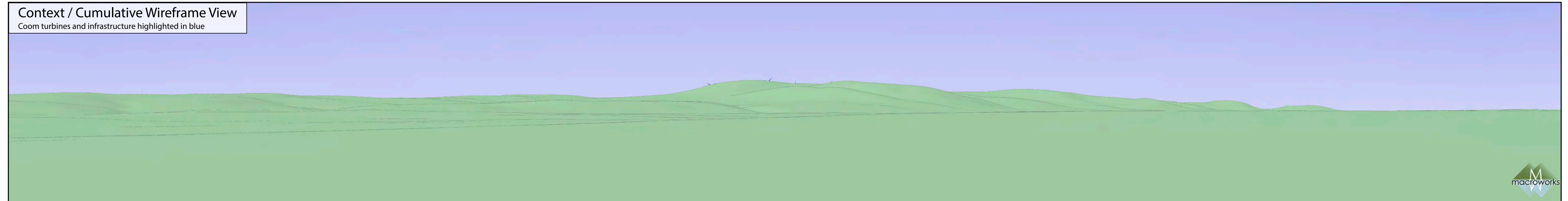


Context / Cumulative Montage View

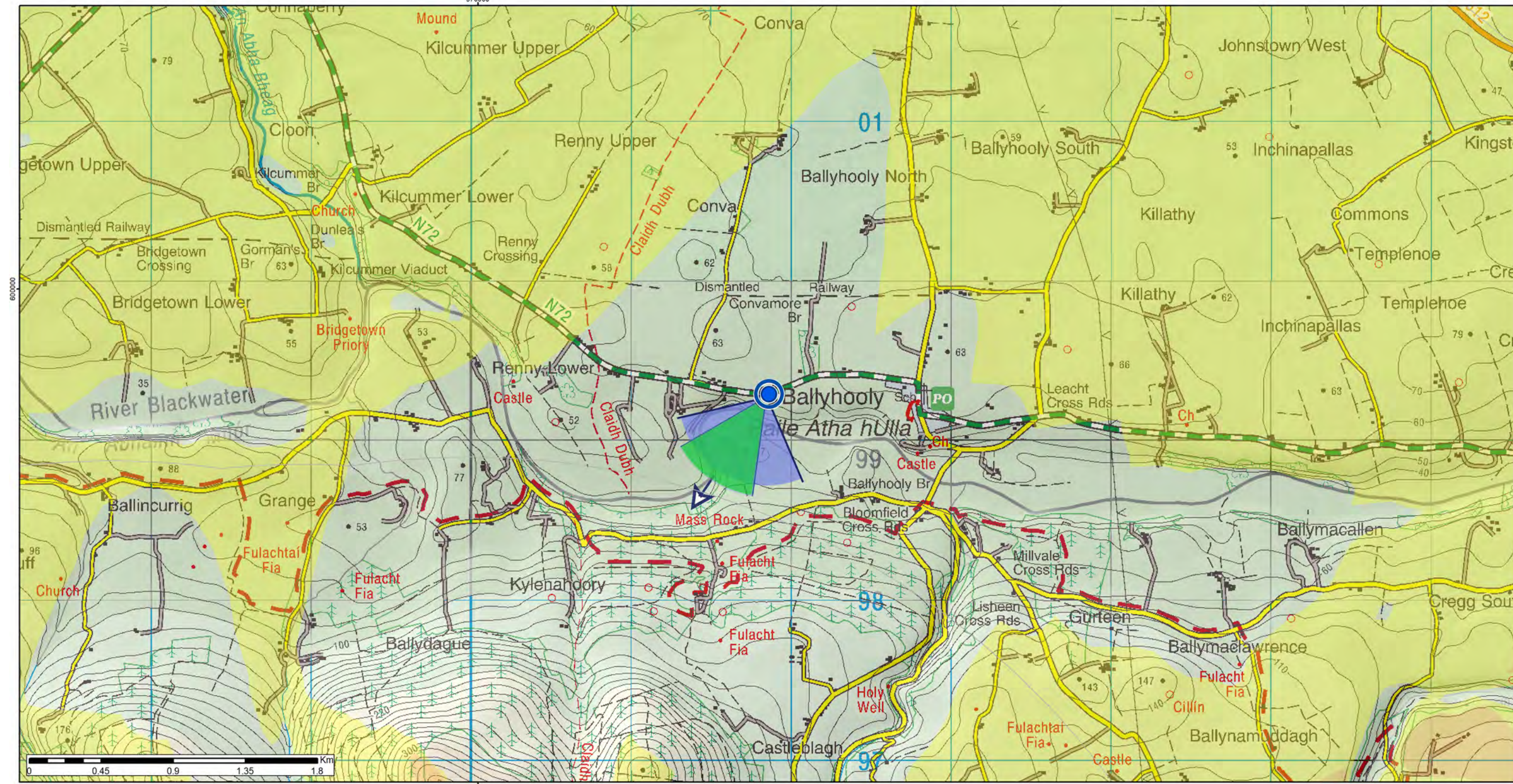


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



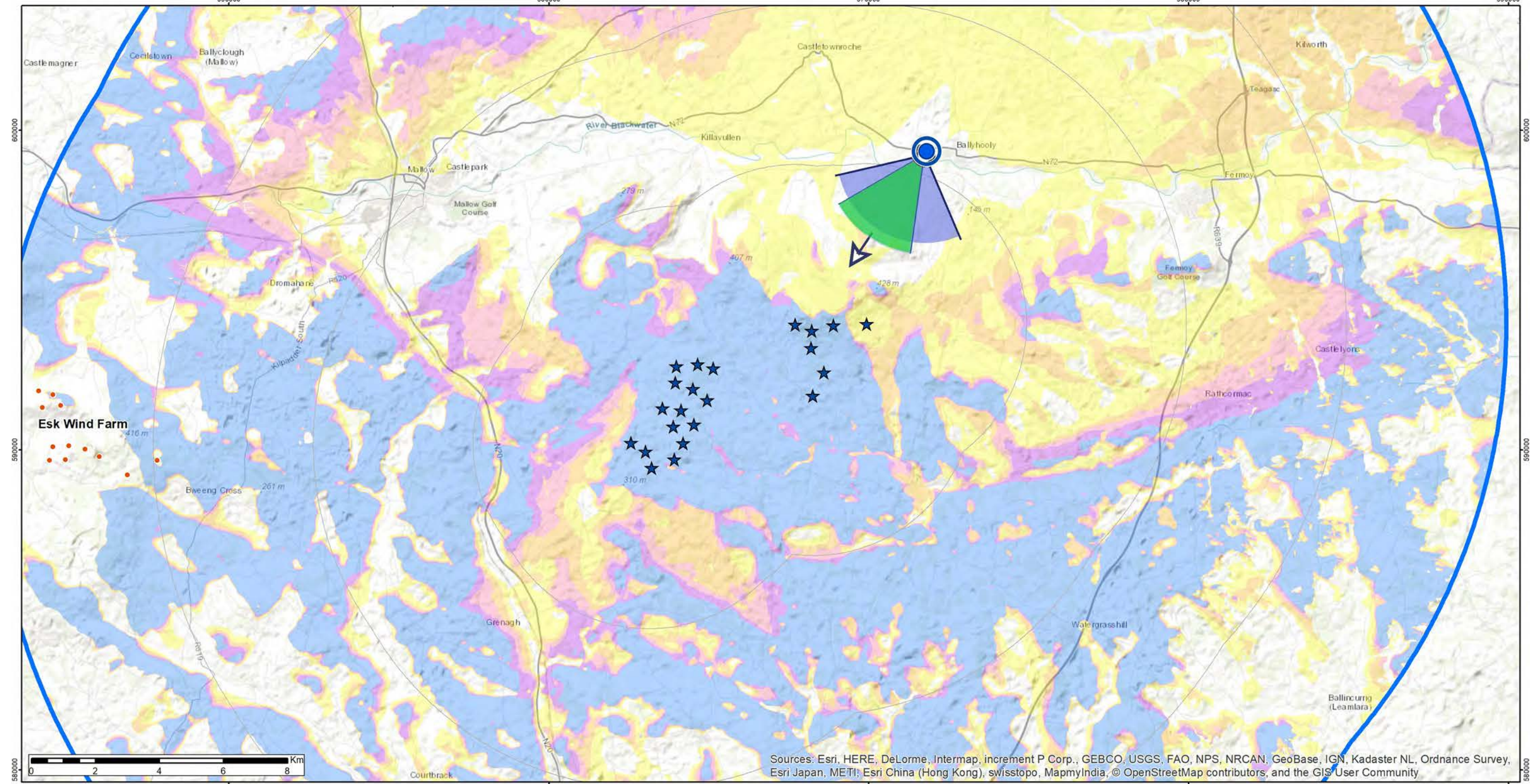
Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

N72 west of Ballyhooly

Viewpoint Ref: VP2



Scale 1:25,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 571820.14
 Northing: 599345.83
 Elevation: 51.4 m

Photo Capture Information

Date: 01/11/2018
 Time: 11:50
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

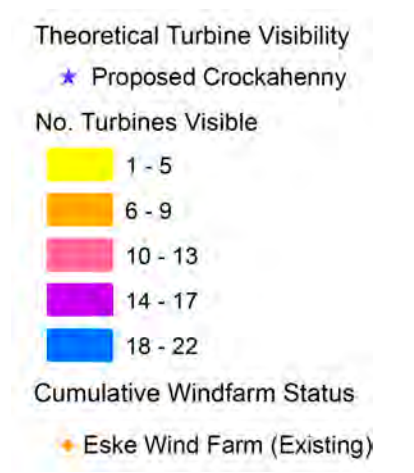
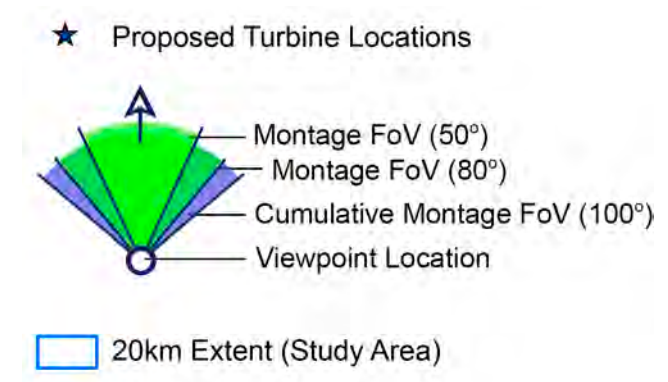
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 0
 Number of Nacelles Actually Visible: 0
 Angle of View Theoretically Occupied by Turbines: 0.0°
 Angle of View Actually Occupied by Turbines: 0.0°
 Distance to Nearest Turbine: 5.7 km
 Distance to Nearest Visible Turbine: N/A km

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings



Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1



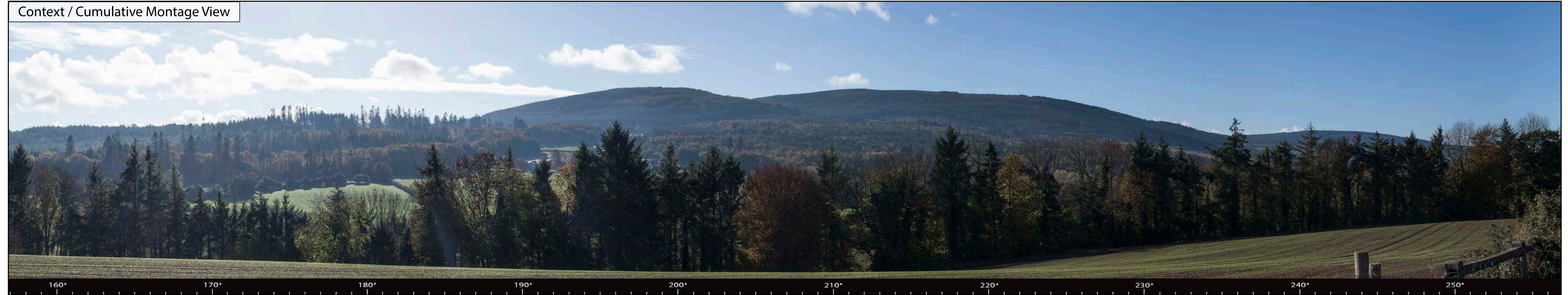
Existing View



Montage View

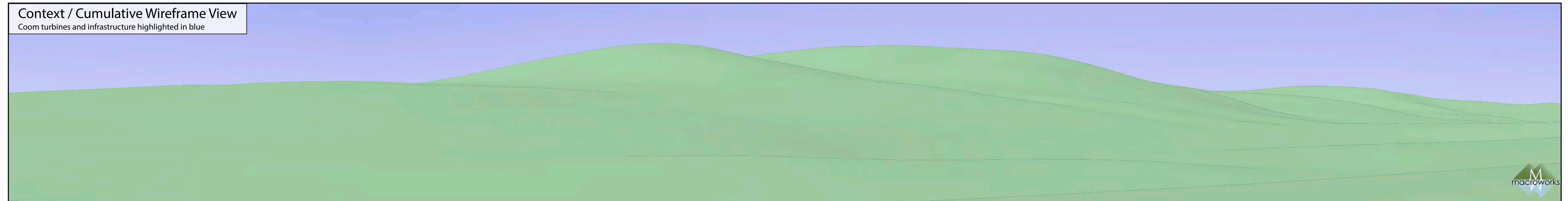


Context / Cumulative Montage View

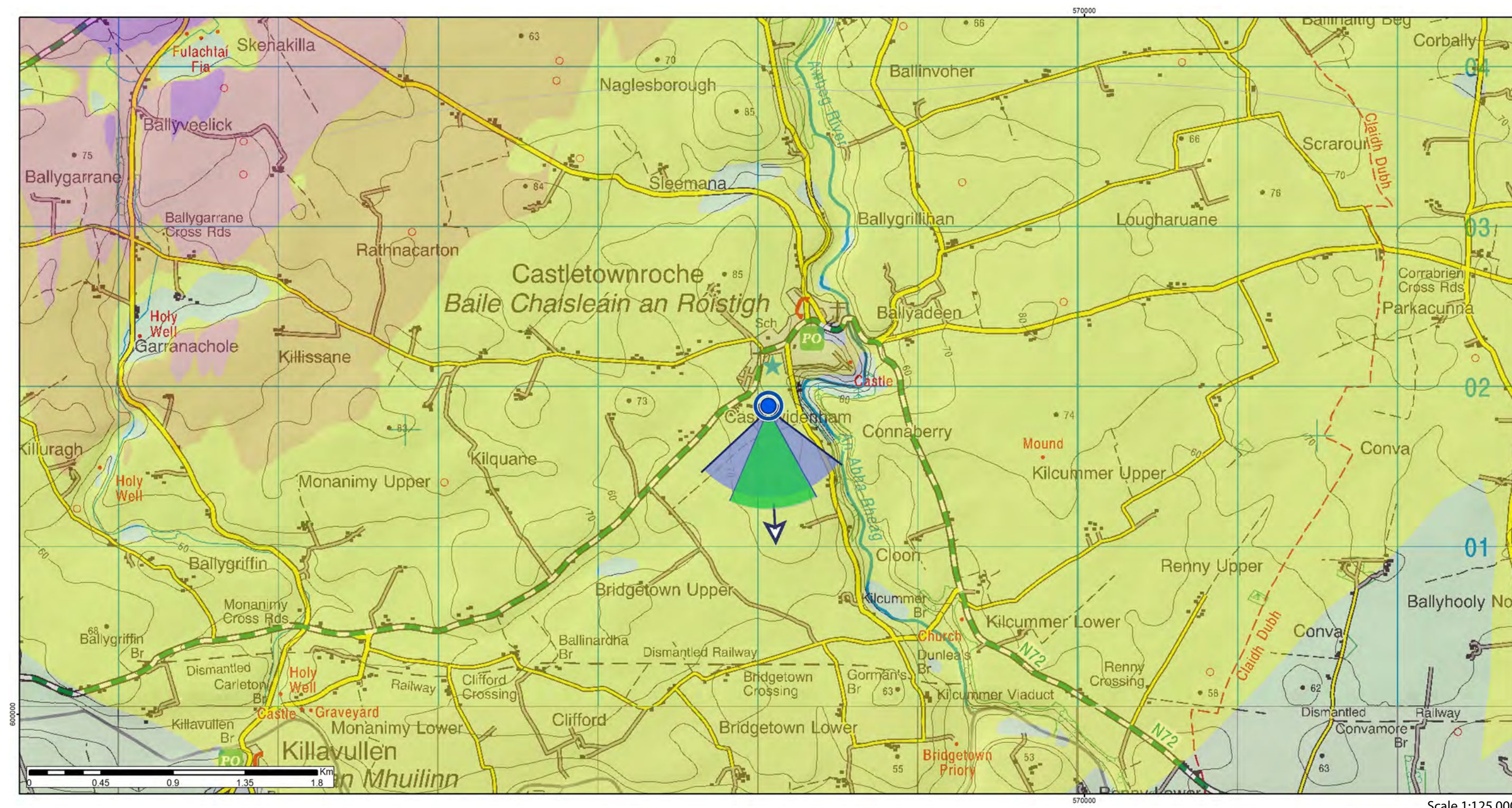


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



Coom Green Energy Park - Landscape and Visual Impact Assessment



Positional Information

National Grid Cordinate (ITM)
 Easting: 568024.38
 Northing: 601930.41
 Elevation: 70.9 m

Photo Capture Information

Date: 01/11/2018
 Time: 15:38
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

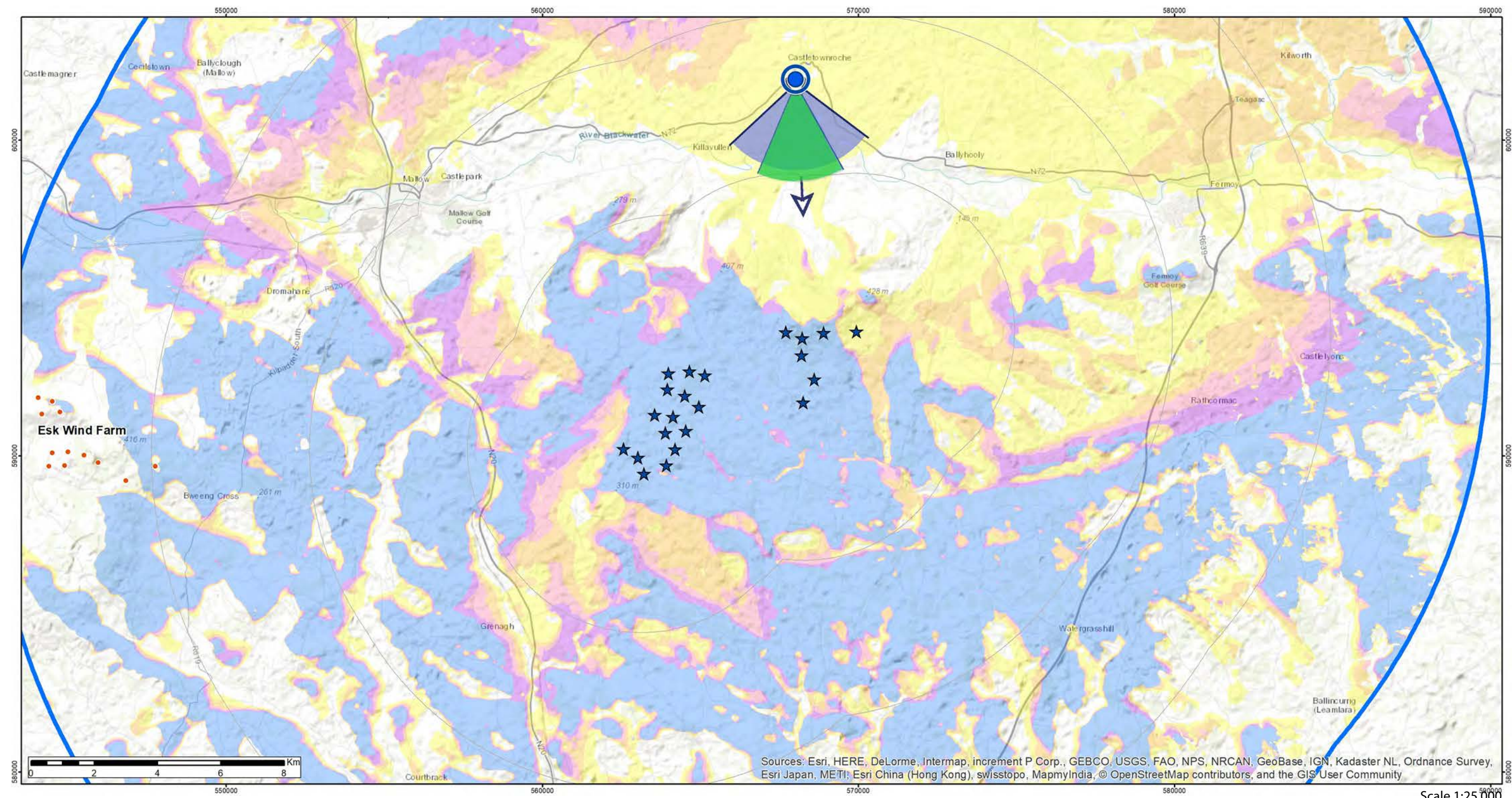
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 3
 Number of Nacelles Actually Visible: 3
 Angle of View Theoretically Occupied by Turbines: 10.0°
 Angle of View Actually Occupied by Turbines: 10.0°
 Distance to Nearest Turbine: 8 km
 Distance to Nearest Visible Turbine: 8 km

Caislean An Easaig residential estate southwest of Castletownroche

Viewpoint Ref: VP3

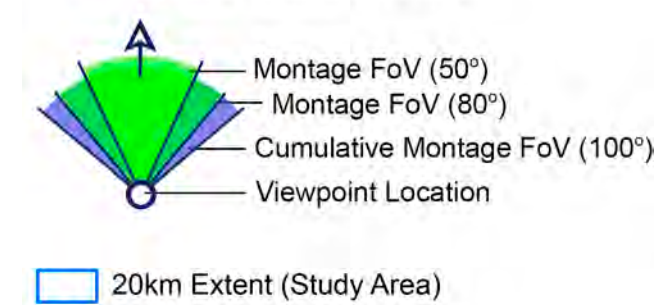


ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings

Proposed Turbine Locations



Theoretical Turbine Visibility

★ Proposed Crockahenny
 No. Turbines Visible
 1 - 5 (Yellow)
 6 - 9 (Orange)
 10 - 13 (Red)
 14 - 17 (Purple)
 18 - 22 (Blue)
 Cumulative Windfarm Status
 ● Esker Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1



Existing View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).



Montage View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

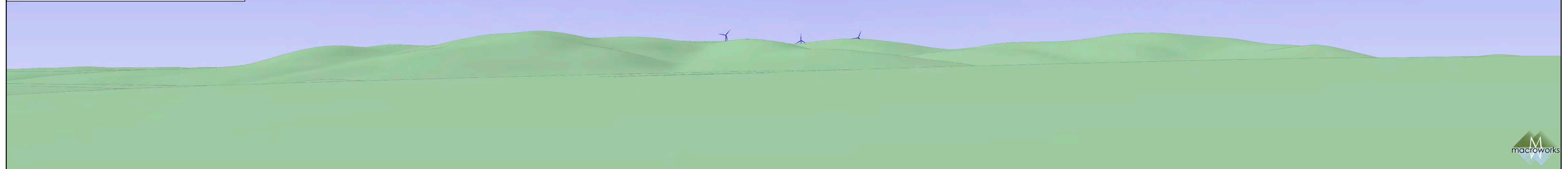


Context / Cumulative Montage View

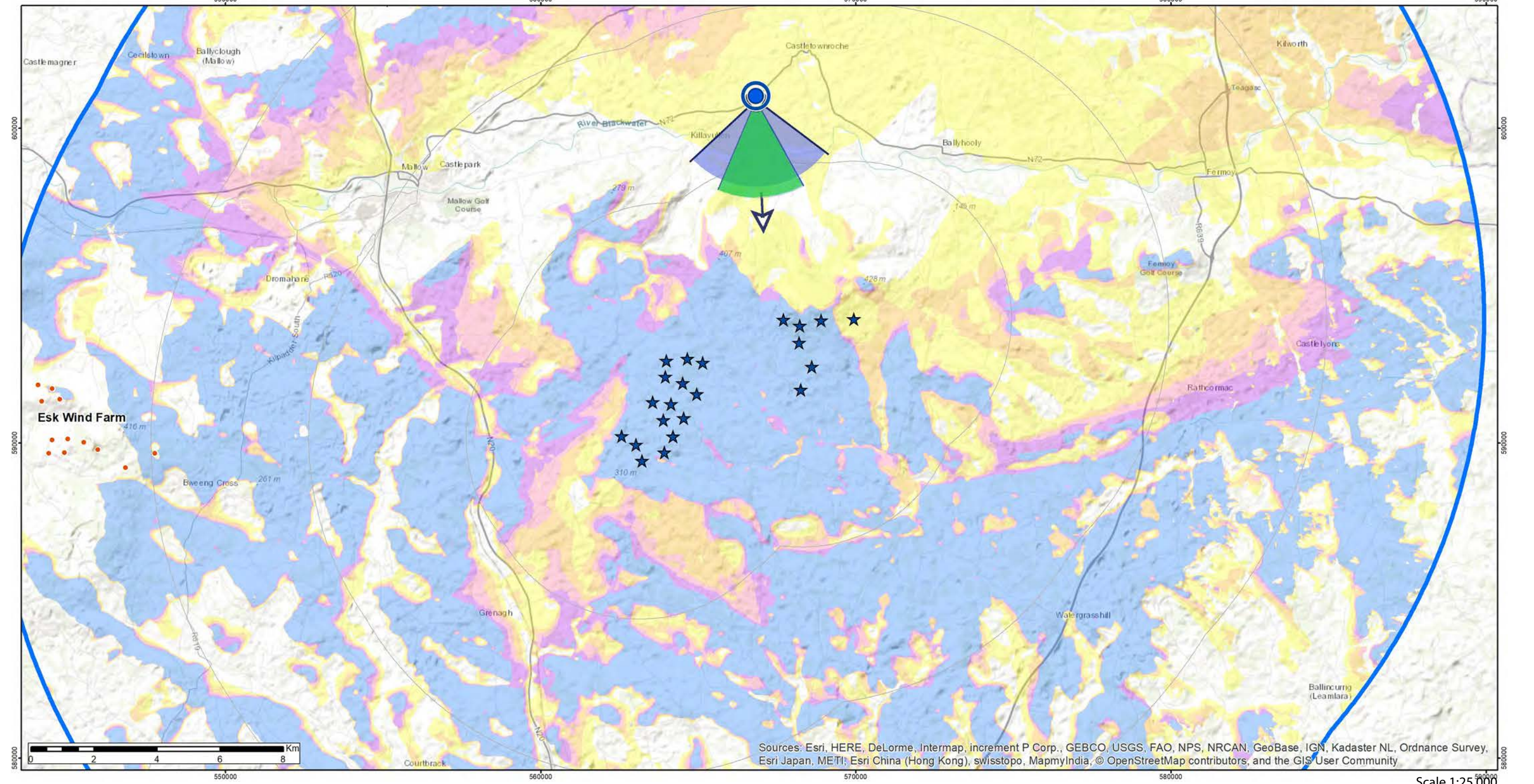
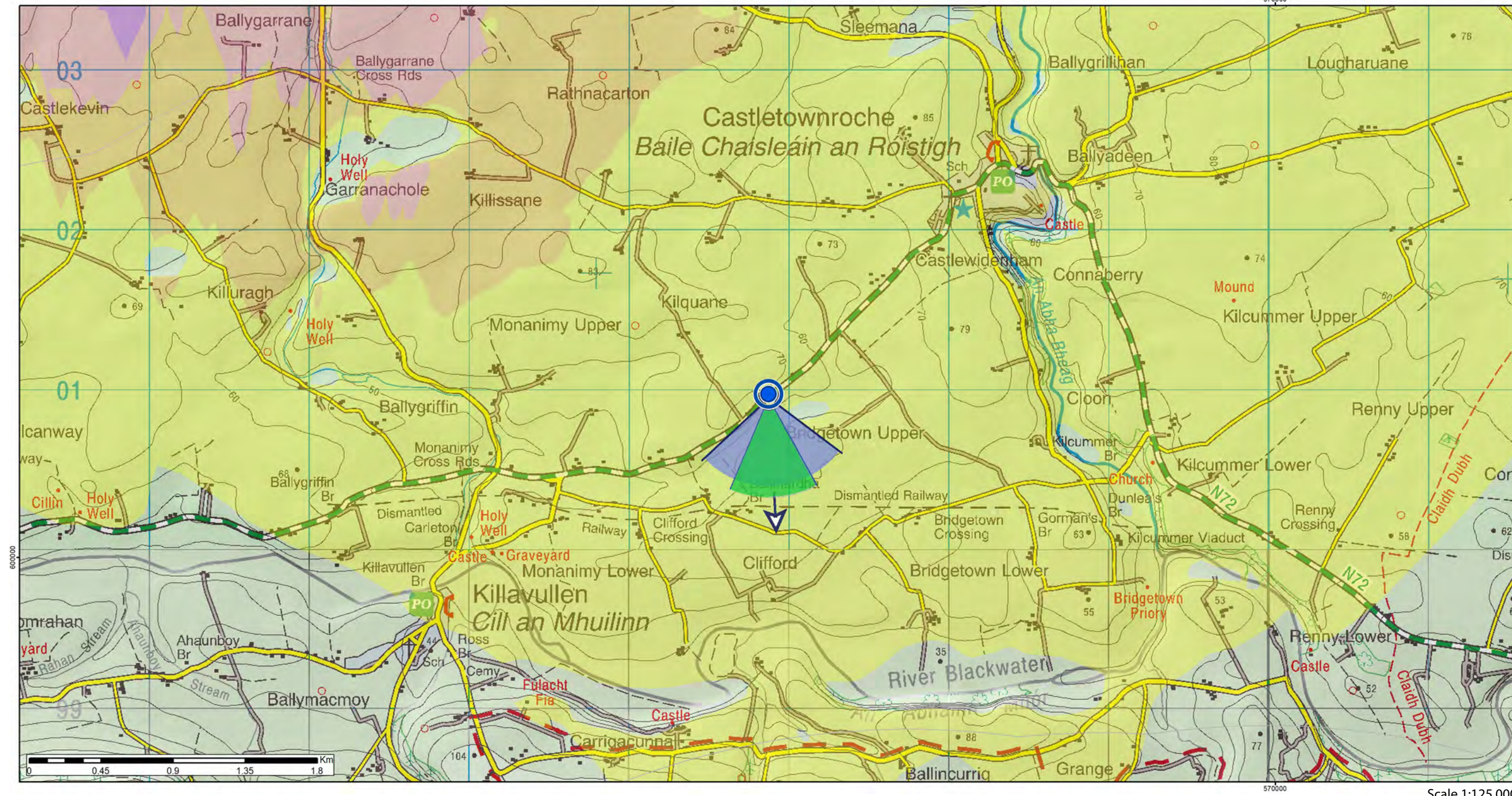


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.



Positional Information

National Grid Cordinate (ITM)
 Easting: 566830.80
 Northing: 601024.98
 Elevation: 65.0 m

Photo Capture Information

Date: 01/11/2018
 Time: 15:32
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

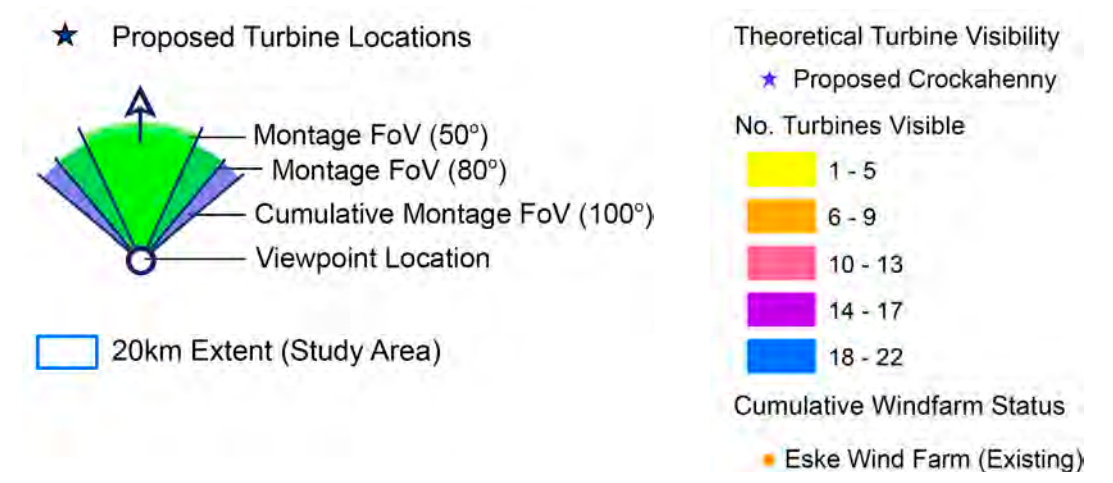
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 3
 Number of Nacelles Actually Visible: 3
 Angle of View Theoretically Occupied by Turbines: 10.0°
 Angle of View Actually Occupied by Turbines: 10.0°
 Distance to Nearest Turbine: 7.2 km
 Distance to Nearest Visible Turbine: 7.2 km

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings



Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1



Existing View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).



Montage View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

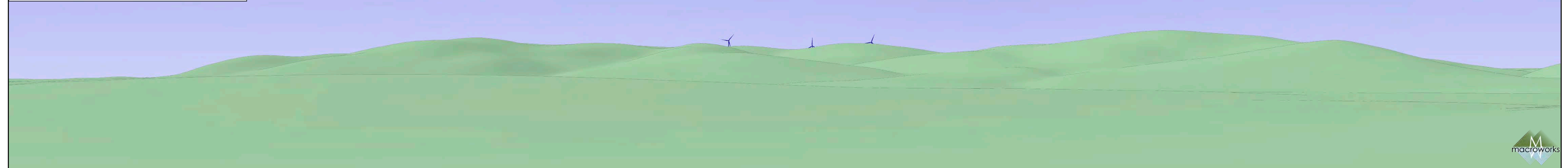


Context / Cumulative Montage View

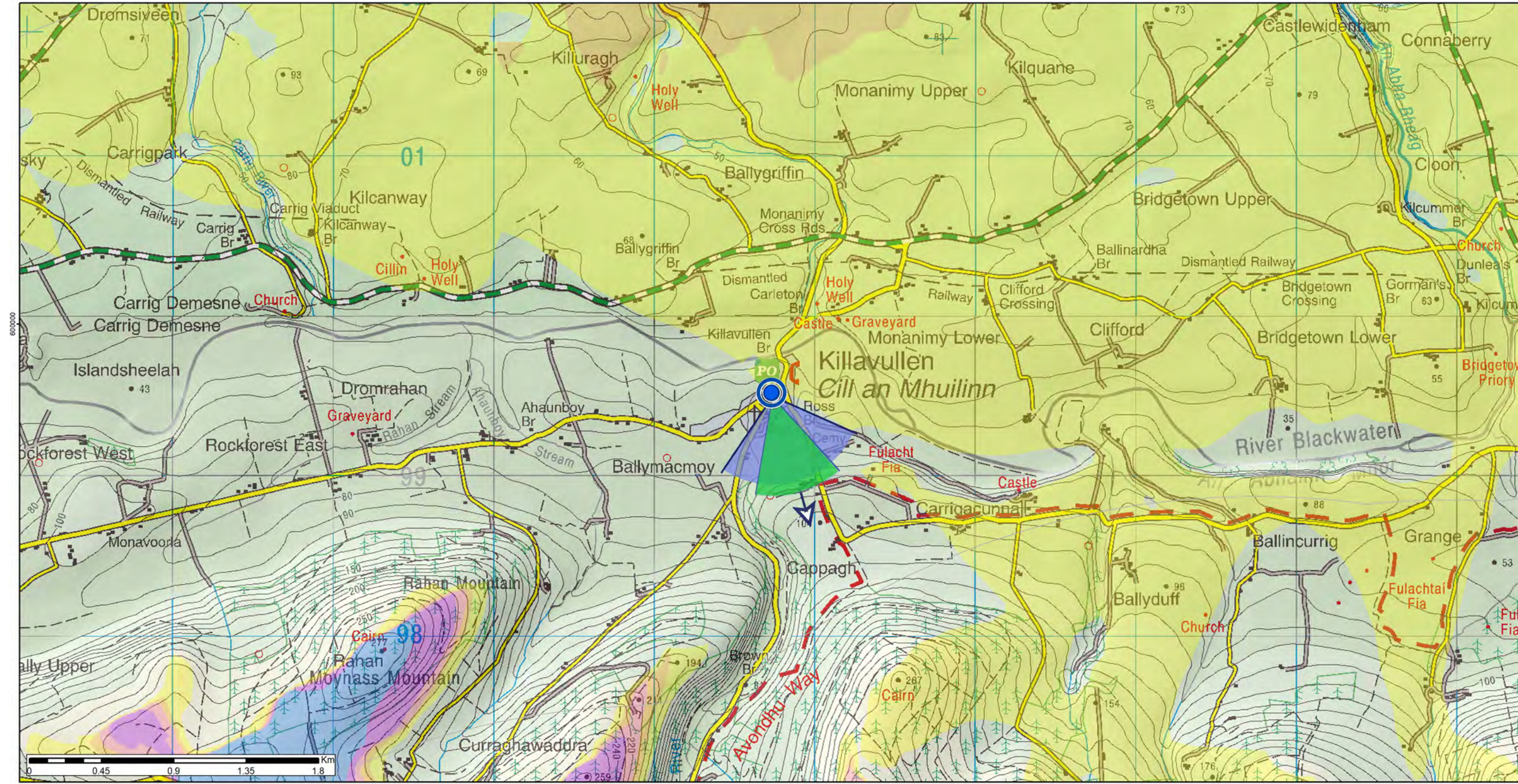


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 564688.69
 Northing: 599574.67
 Elevation: 48.2 m

Photo Capture Information

Date: 05/10/2018
 Time: 11:45
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

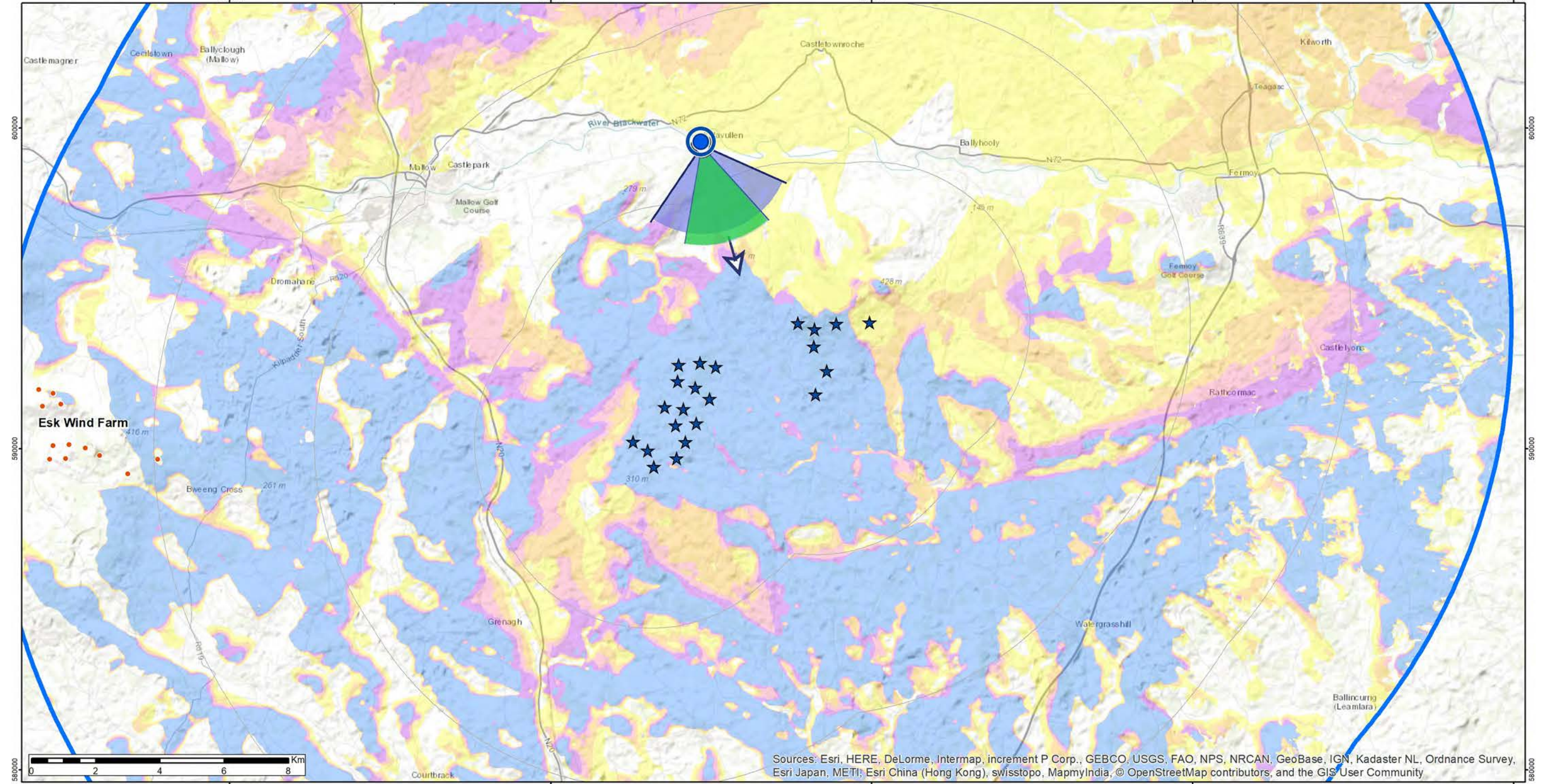
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 0
 Number of Nacelles Actually Visible: 0
 Angle of View Theoretically Occupied by Turbines: 0.0°
 Angle of View Actually Occupied by Turbines: 0.0°
 Distance to Nearest Turbine: 6.4 km
 Distance to Nearest Visible Turbine: N/A km

Chapel Street, Killavullen

Viewpoint Ref: VP5

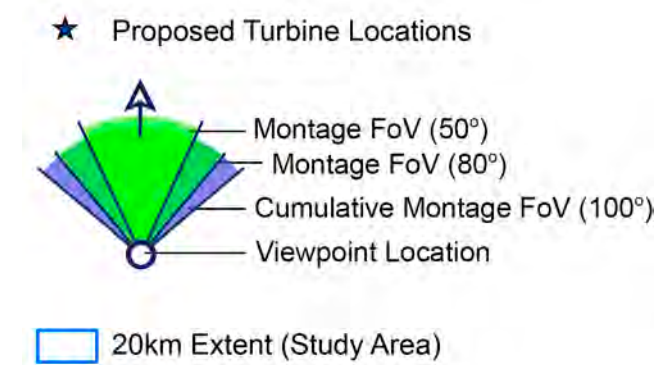


Scale 1:25,000

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings



Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1



Existing View



Montage View



Context / Cumulative Montage View



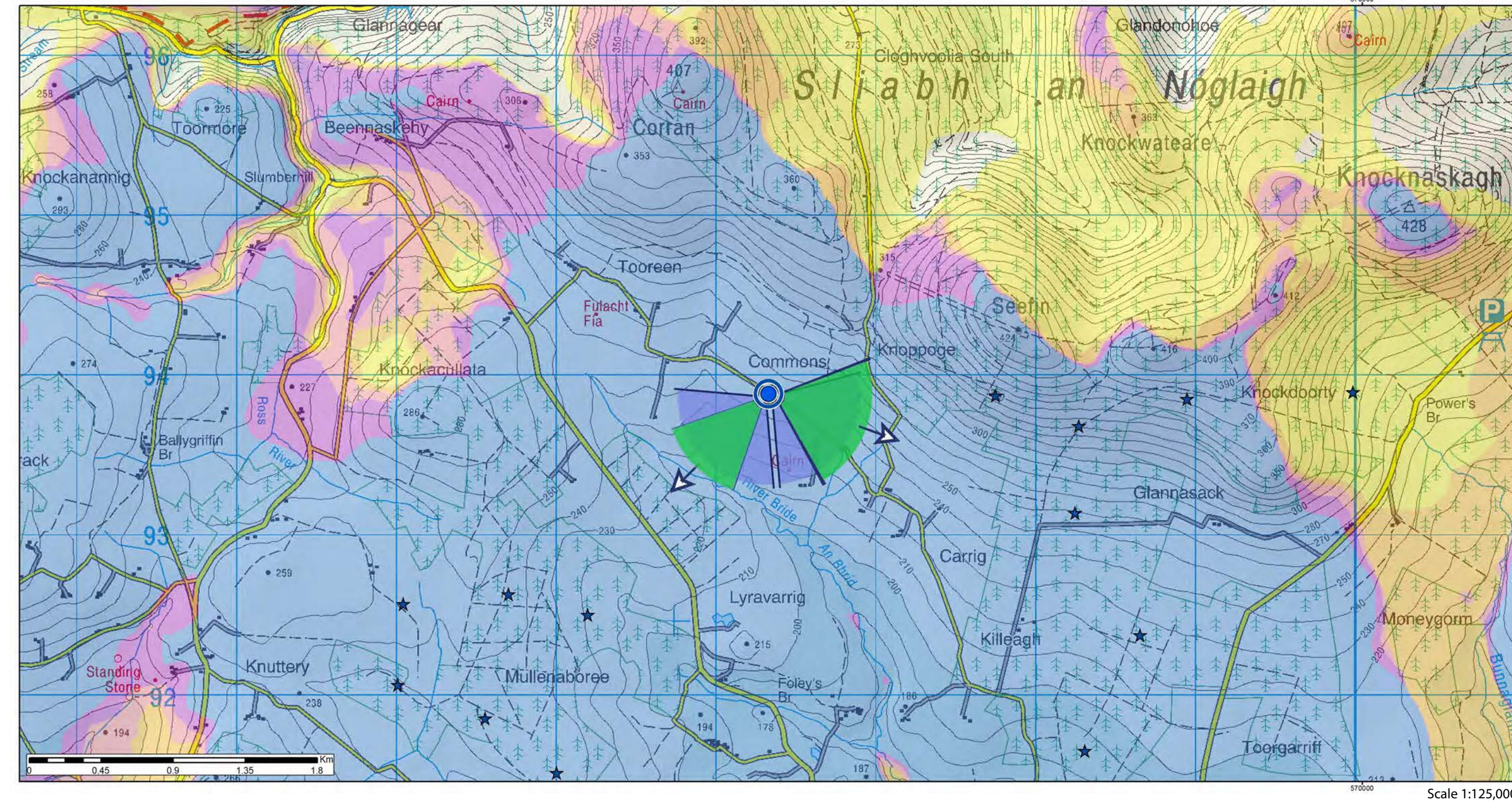
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Coom Green Energy Park - Landscape and Visual Impact Assessment



Positional Information

National Grid Cordinate (ITM)
 Easting: 566285.00
 Northing: 593940.37
 Elevation: 249.2 m

Photo Capture Information

Date: 20/11/2018
 Time: 08:52
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

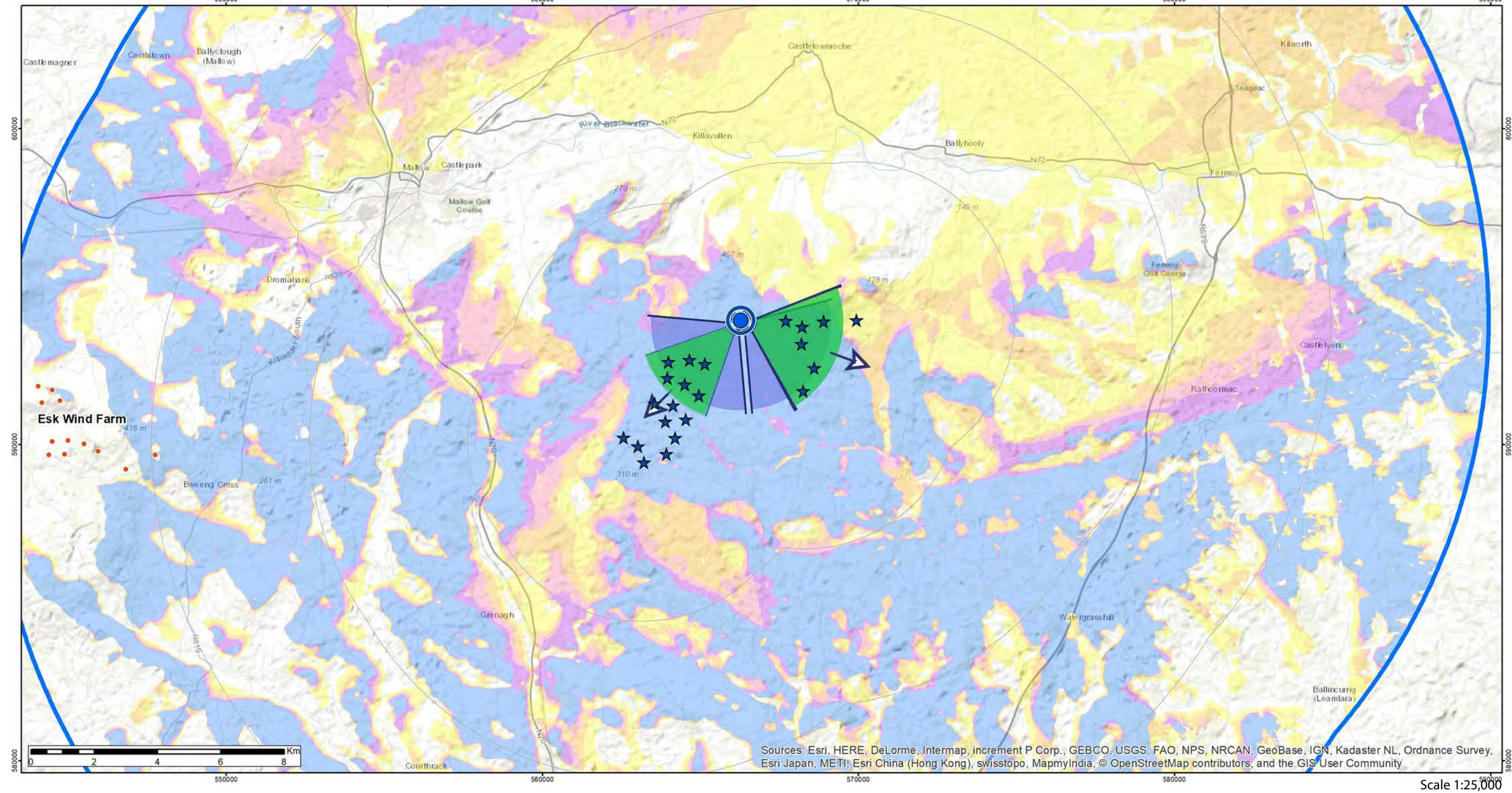
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 21
 Number of Nacelles Actually Visible: 21
 Angle of View Theoretically Occupied by Turbines: 85.0°
 Angle of View Actually Occupied by Turbines: 85.0°
 Distance to Nearest Turbine: 1.4 km
 Distance to Nearest Visible Turbine: 1.4 km

Local road at Commons

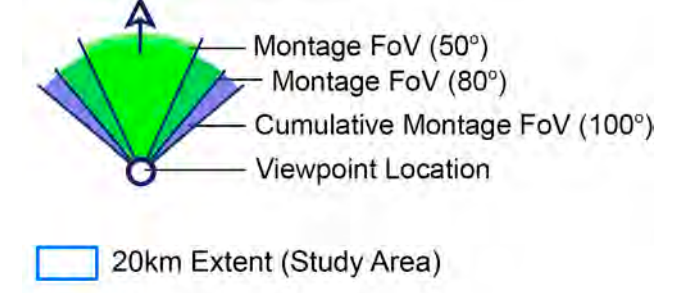
Viewpoint Ref: VP6



ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings

Proposed Turbine Locations



Theoretical Turbine Visibility

★ Proposed Crockahenny
 No. Turbines Visible
 1 - 5 (Yellow)
 6 - 9 (Orange)
 10 - 13 (Red)
 14 - 17 (Purple)
 18 - 22 (Blue)
 Cumulative Windfarm Status
 ★ Eske Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 2 of each
 Landscape Context Views: 2



Existing View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)



Montage View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)

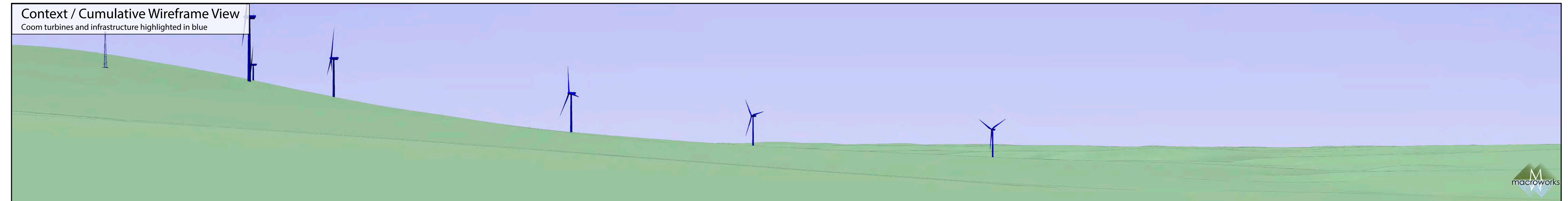


Existing View



Montage View





Context / Cumulative Montage View



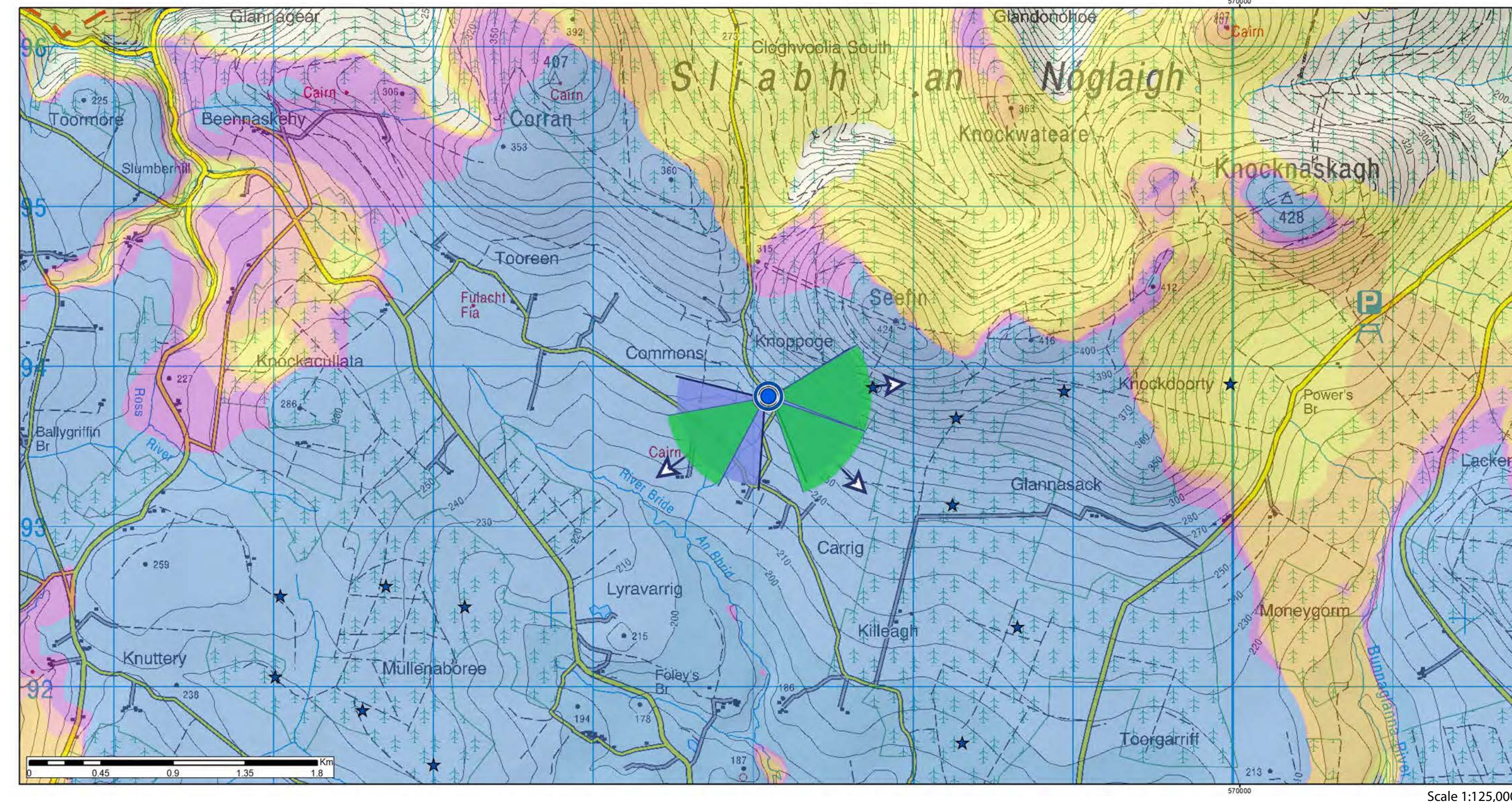
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Coom Green Energy Park - Landscape and Visual Impact Assessment



Positional Information

National Grid Cordinate (ITM)
 Easting: 567053.07
 Northing: 593872.39
 Elevation: 270.7 m

Photo Capture Information

Date: 14/05/2019
 Time: 15:37
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

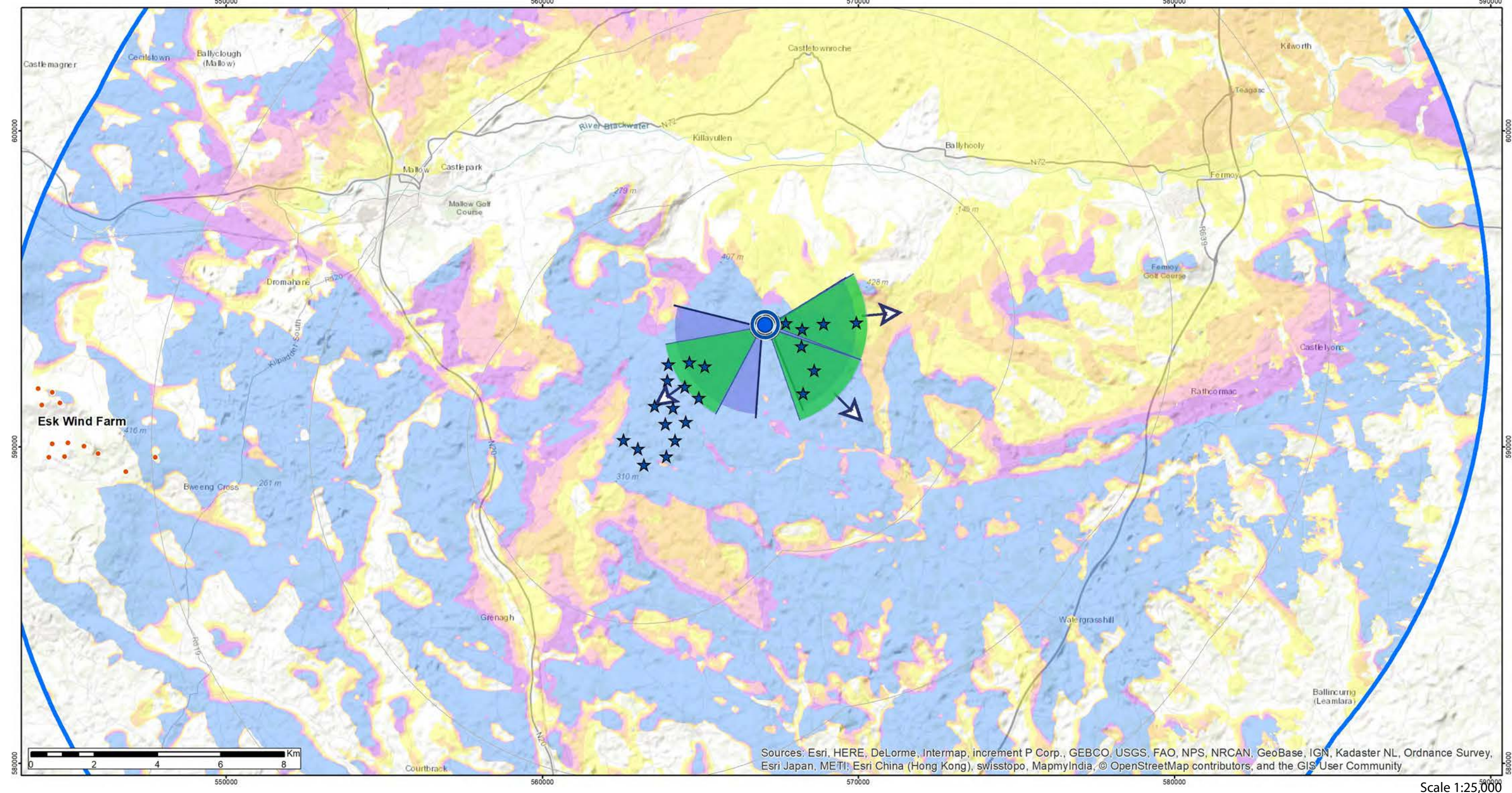
Visibility Information

Number of Nacelles Theoretically Visible: 21
 Number of Nacelles Actually Visible: 17
 Angle of View Theoretically Occupied by Turbines: 115.0°
 Angle of View Actually Occupied by Turbines: 37.0°
 Distance to Nearest Turbine: 0.7 km
 Distance to Nearest Visible Turbine: 0.7 km

Scale 1:125,000

Local road at Knoppage

Viewpoint Ref: VP7

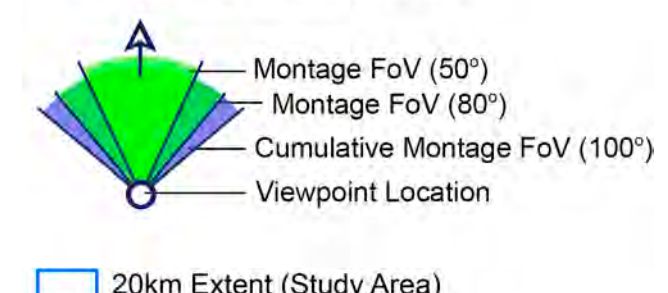


ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings

Proposed Turbine Locations



20km Extent (Study Area)

Theoretical Turbine Visibility

★ Proposed Crockahenny
 No. Turbines Visible
 1 - 5 (Yellow)
 6 - 9 (Orange)
 10 - 13 (Red)
 14 - 17 (Purple)
 18 - 22 (Blue)
 Cumulative Windfarm Status
 ★ Eske Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 3 of each
 Landscape Context Views: 2



Existing View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Montage View



Existing View



Montage View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).



Existing View



Montage View



Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



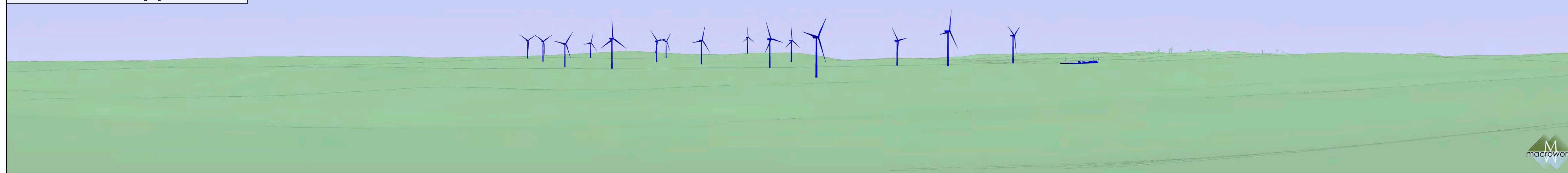
This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Context / Cumulative Montage View



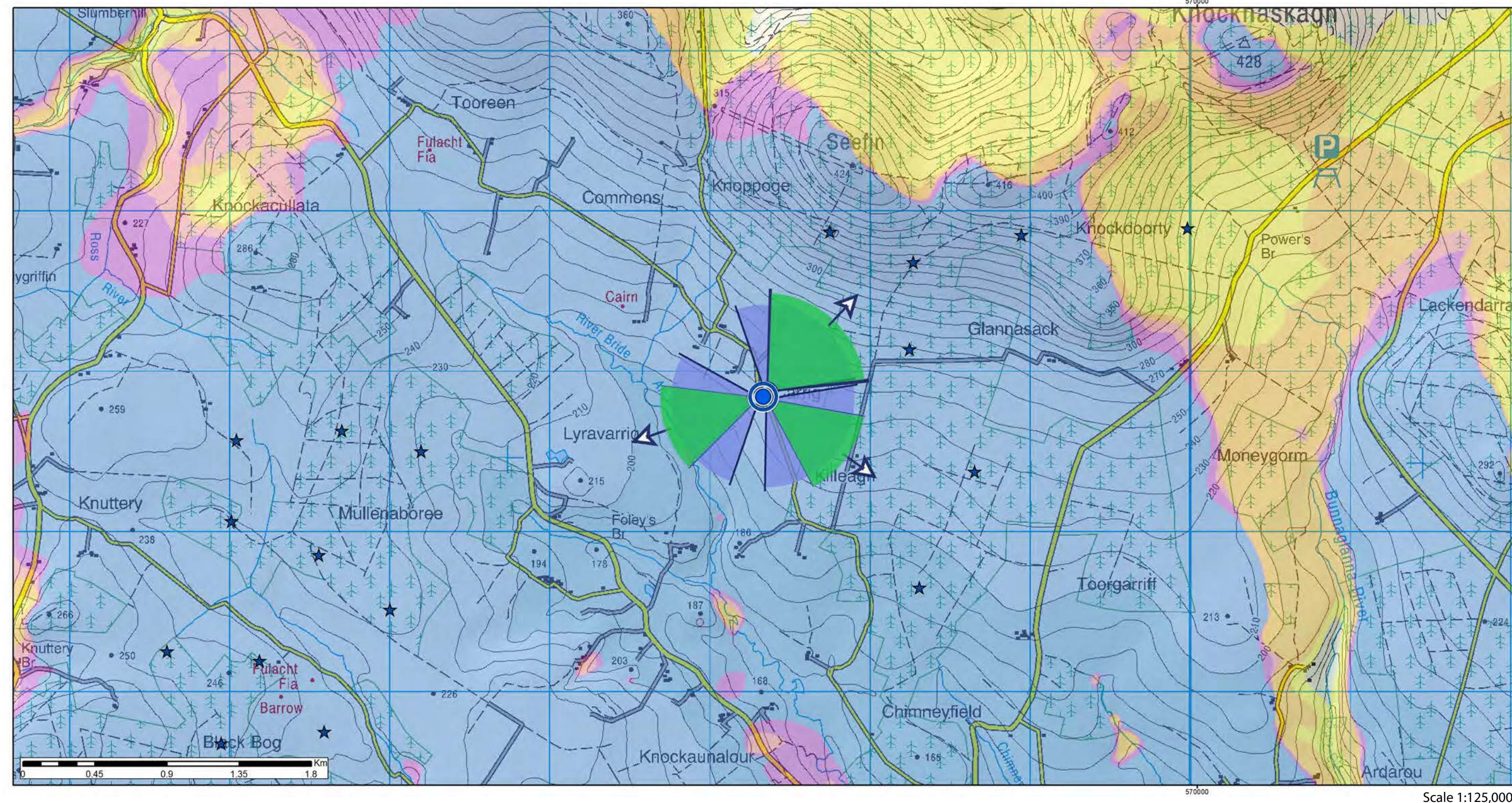
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Coom Green Energy Park - Landscape and Visual Impact Assessment



Positional Information

National Grid Cordinate (ITM)
 Easting: 567290.50
 Northing: 592898.05
 Elevation: 218.0 m

Photo Capture Information

Date: 05/10/2018
 Time: 12:21
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

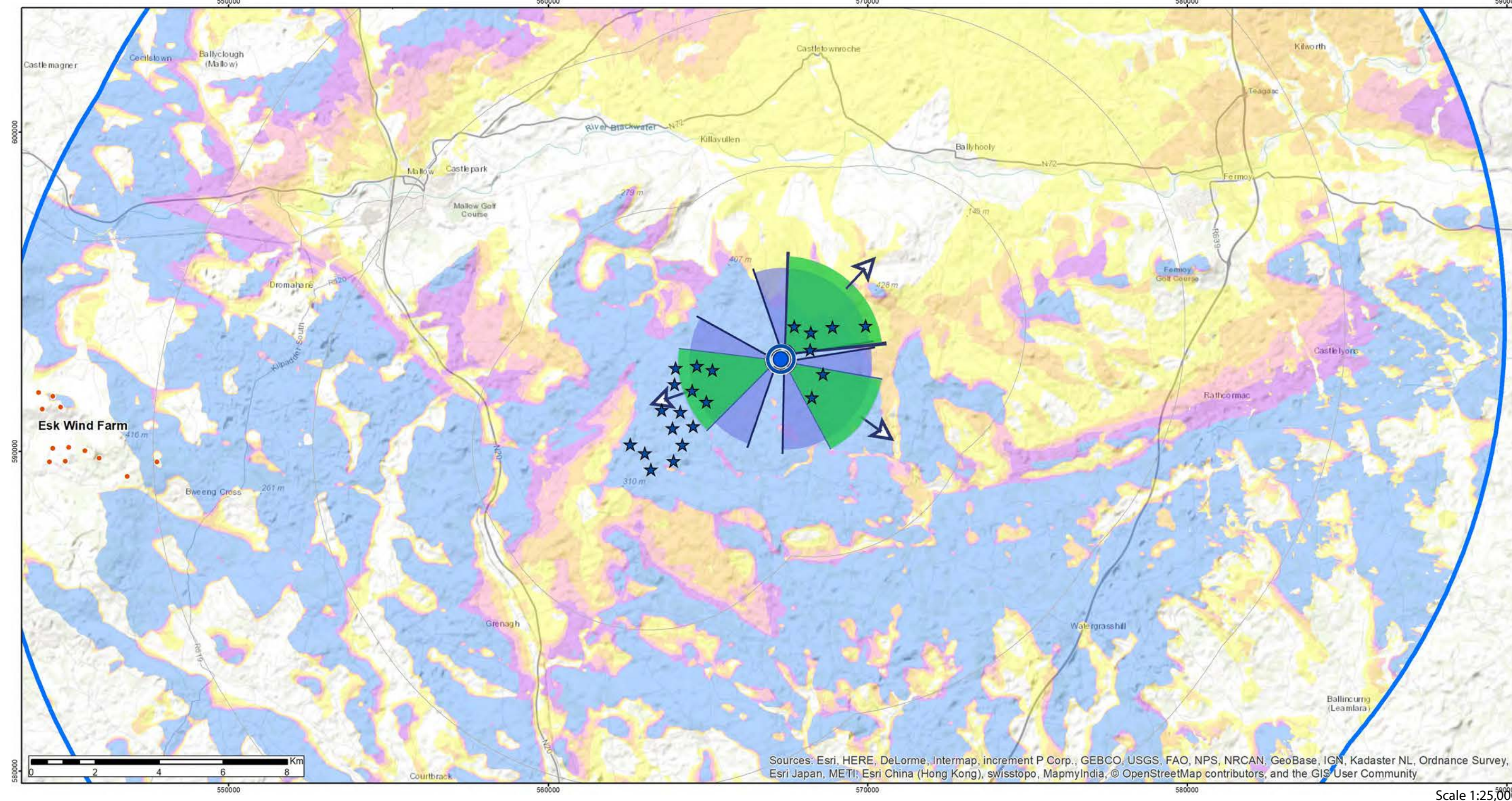
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 21
 Number of Nacelles Actually Visible: 6
 Angle of View Theoretically Occupied by Turbines: 162.0°
 Angle of View Actually Occupied by Turbines: 124.0°
 Distance to Nearest Turbine: 1.1 km
 Distance to Nearest Visible Turbine: 1.1 km

Local road at Carrig

Viewpoint Ref: VP8

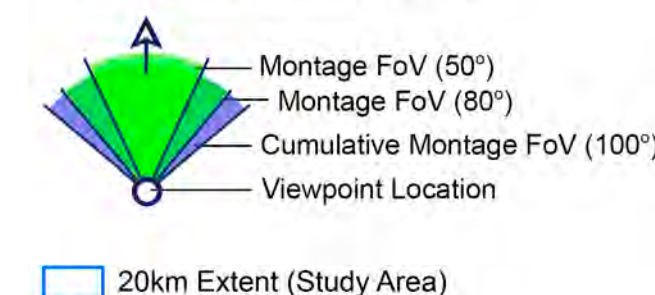


ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings

Proposed Turbine Locations



Theoretical Turbine Visibility

★ Proposed Crockahenny
 No. Turbines Visible
 1 - 5 (Yellow)
 6 - 9 (Orange)
 10 - 13 (Red)
 14 - 17 (Purple)
 18 - 22 (Blue)
 Cumulative Windfarm Status
 ● Esk Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 3 of each
 Landscape Context Views: 3



Existing View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)

Montage View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)

Existing View



Montage View



Existing View



Montage View

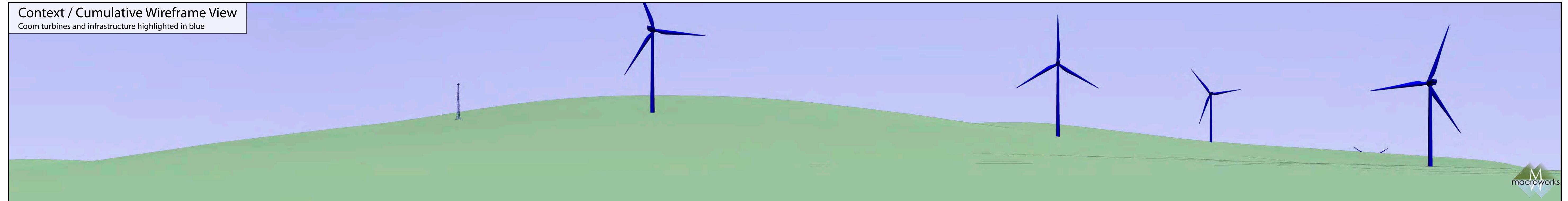


Context / Cumulative Montage View



Context / Cumulative Wireframe View

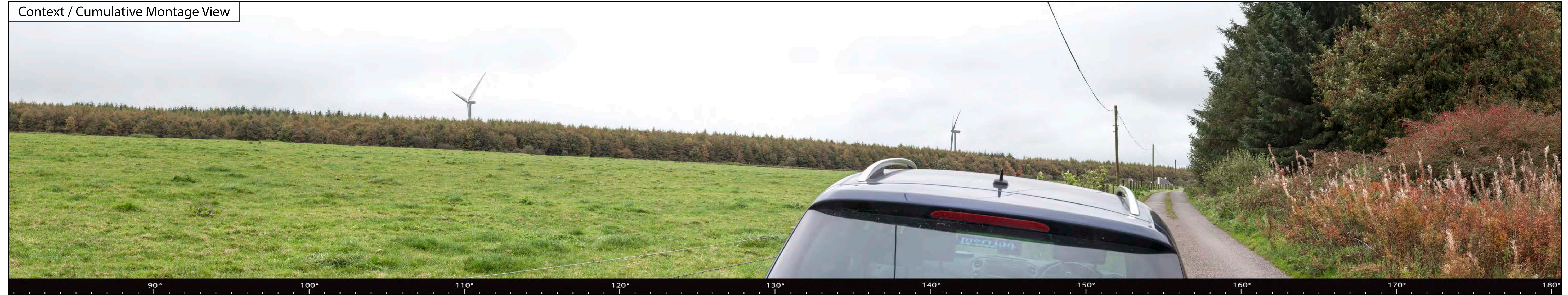
Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

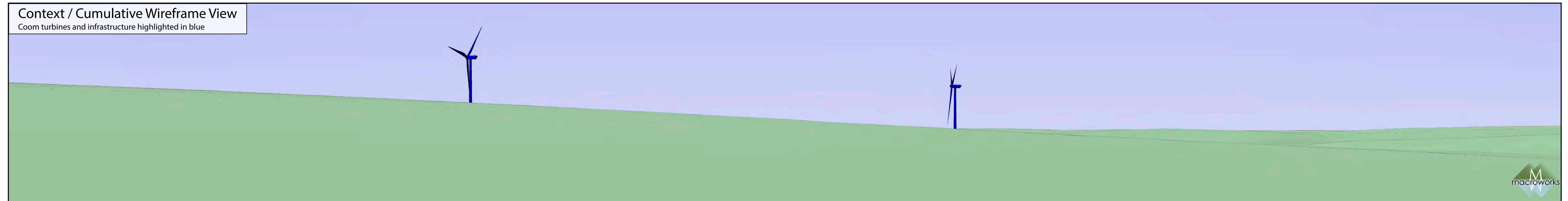


Context / Cumulative Montage View



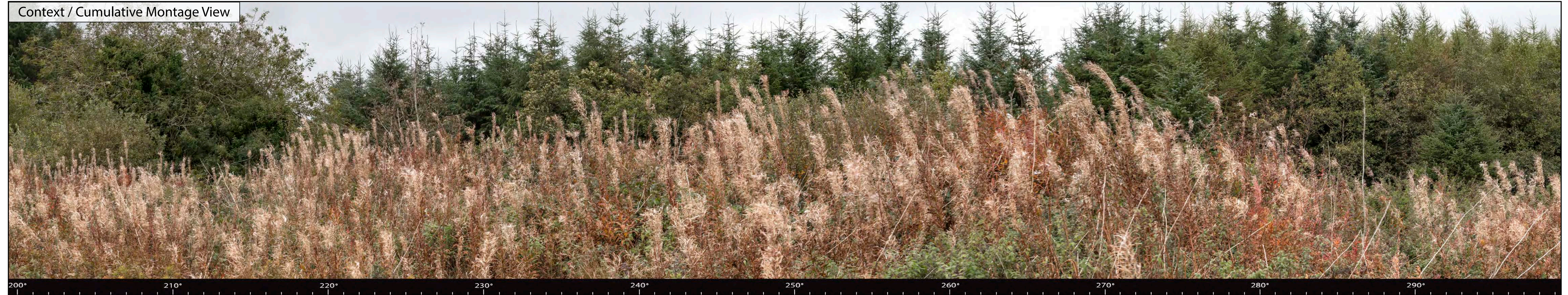
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



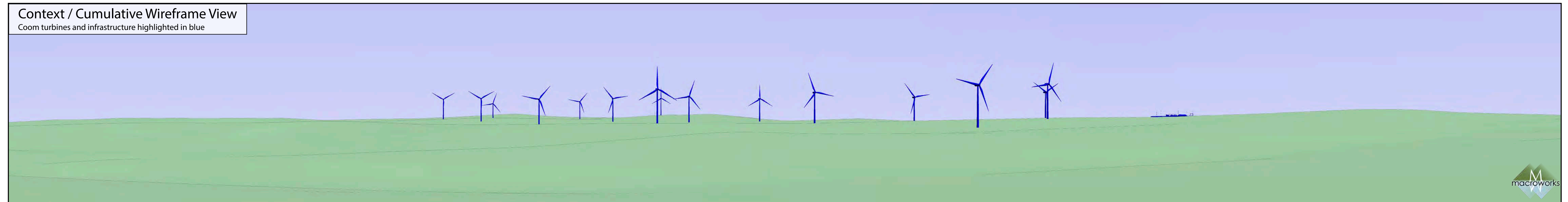
This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Context / Cumulative Montage View

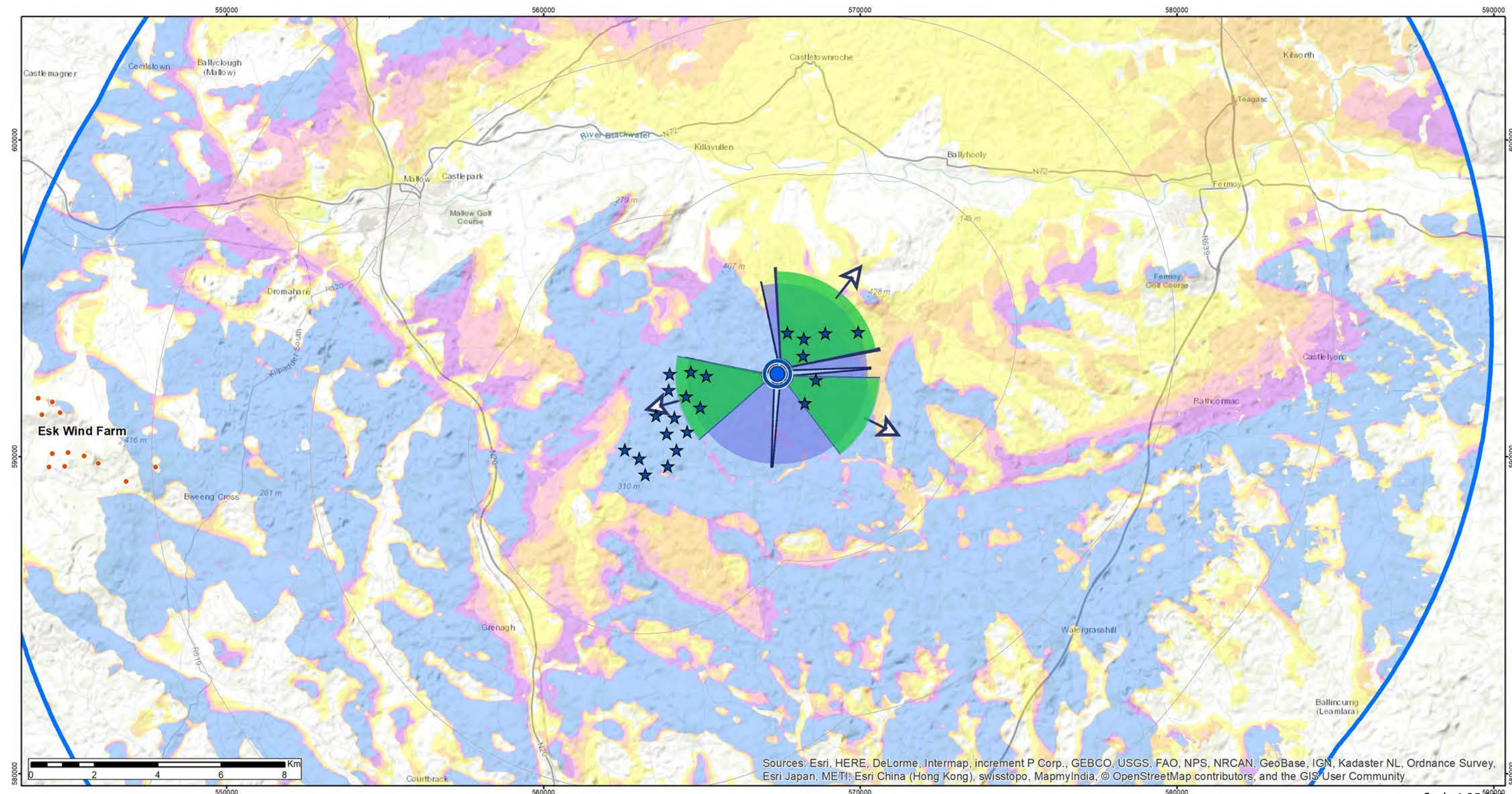
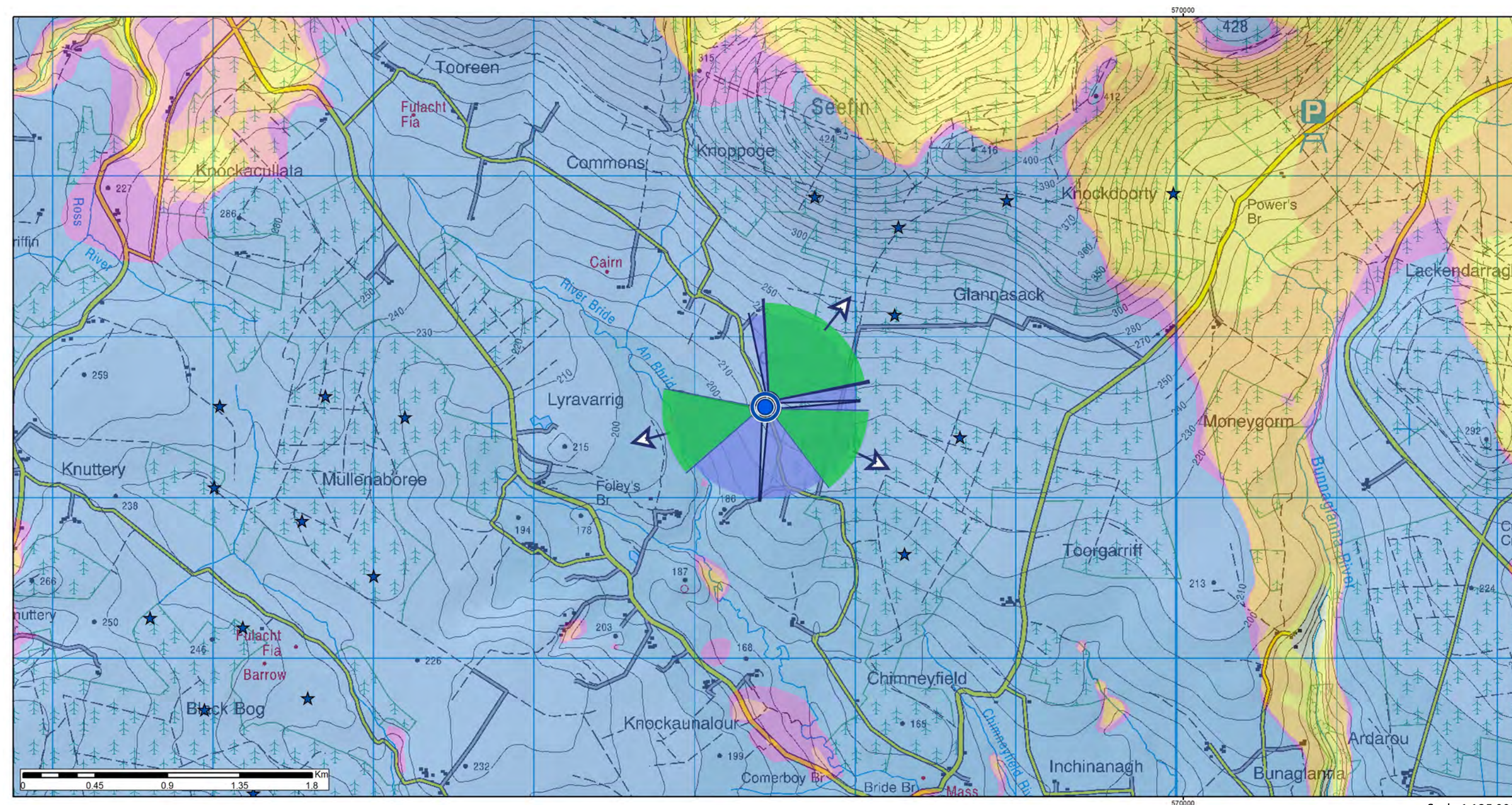


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.



Positional Information

National Grid Cordinate (ITM)
 Easting: 567398.87
 Northing: 592619.82
 Elevation: 213.9 m

Photo Capture Information

Date: 14/05/2019
 Time: 15:47
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

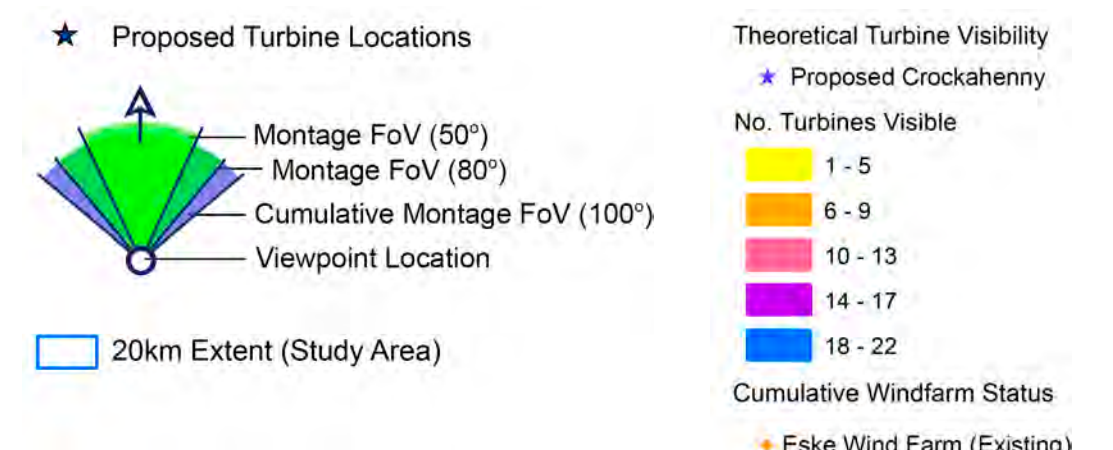
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 21
 Number of Nacelles Actually Visible: 21
 Angle of View Theoretically Occupied by Turbines: 172.0°
 Angle of View Actually Occupied by Turbines: 172.0°
 Distance to Nearest Turbine: 1.1 km
 Distance to Nearest Visible Turbine: 1.1 km

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings



Pages to Follow for this Viewpoint

Existing & Montage Views: 3 of each
 Landscape Context Views: 3



Existing View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)



Montage View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)



Existing View



Montage View



Existing View



Montage View

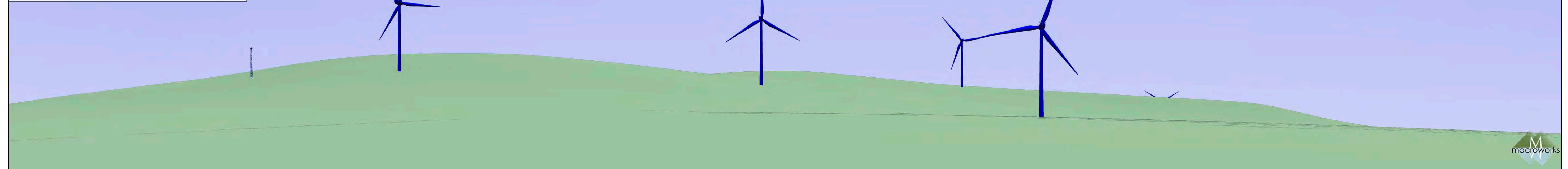


Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



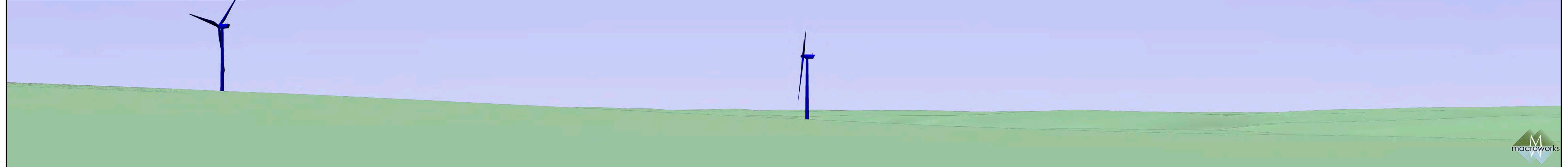
This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



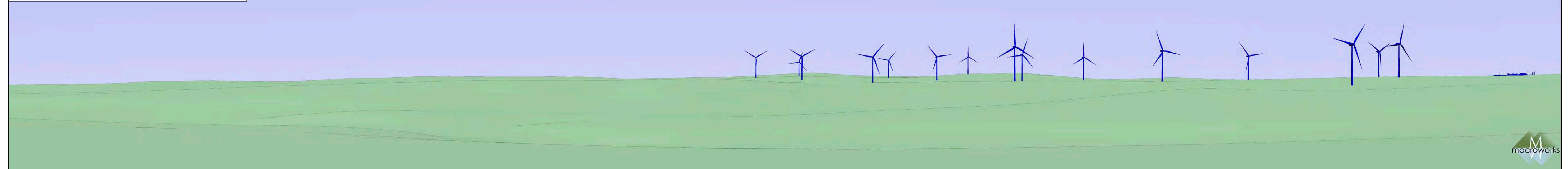
This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Context / Cumulative Montage View



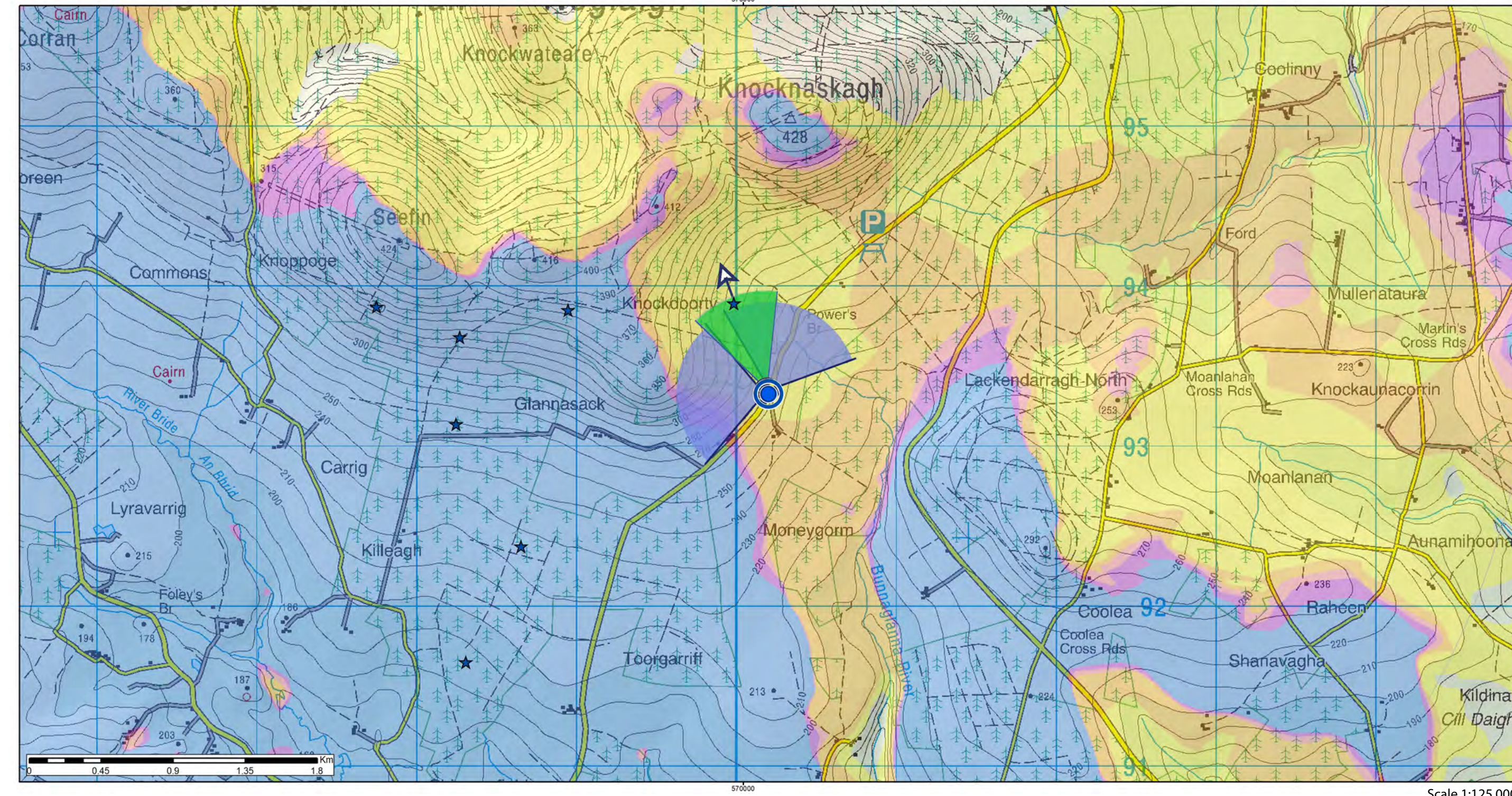
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Coom Green Energy Park - Landscape and Visual Impact Assessment



Positional Information

National Grid Cordinate (ITM)
 Easting: 570158.07
 Northing: 593383.04
 Elevation: 263.1 m

Photo Capture Information

Date: 14/05/2019
 Time: 16:04
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

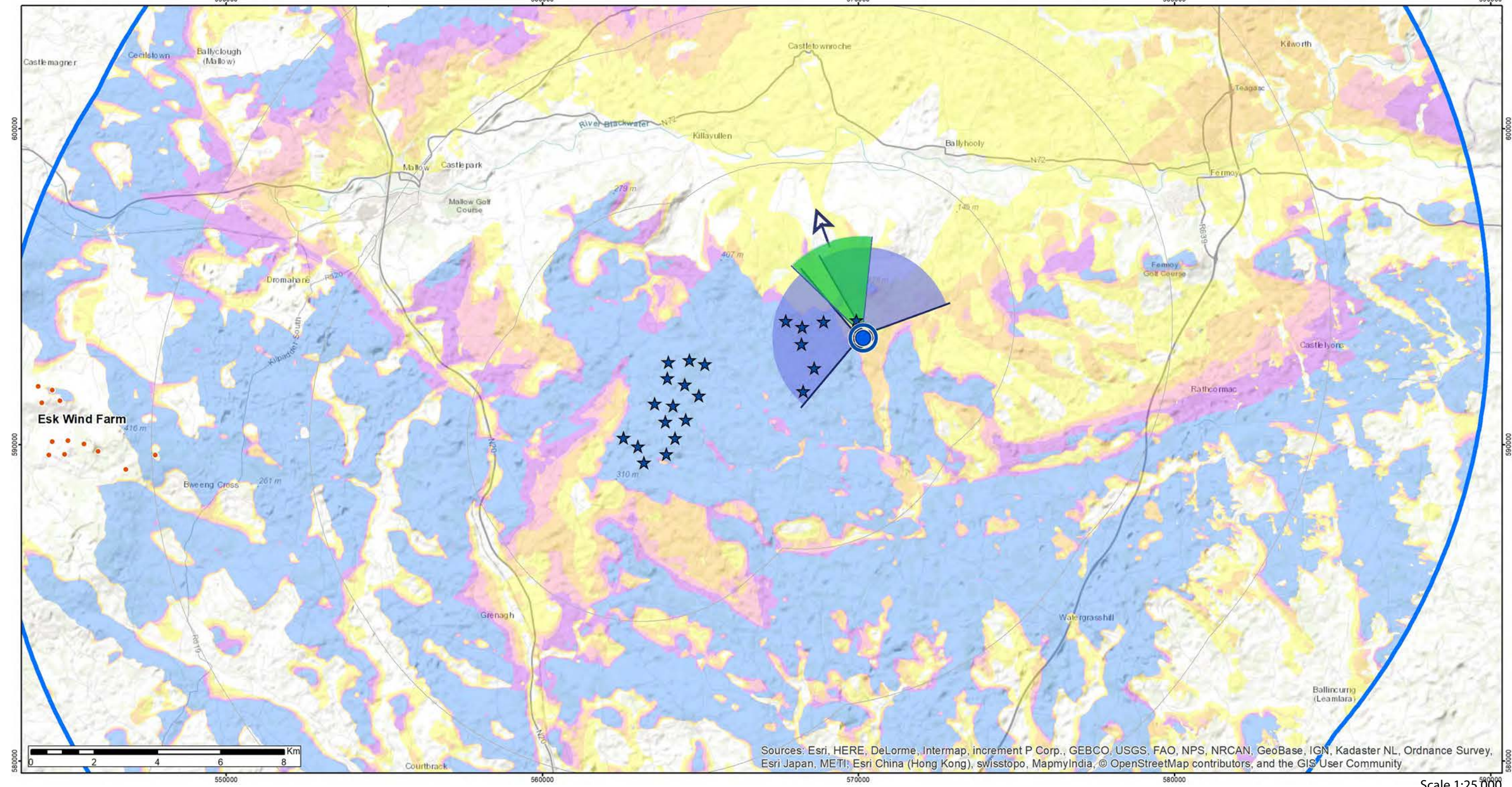
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 2
 Number of Nacelles Actually Visible: 1
 Angle of View Theoretically Occupied by Turbines: 53.0°
 Angle of View Actually Occupied by Turbines: 8.0°
 Distance to Nearest Turbine: 0.6 km
 Distance to Nearest Visible Turbine: 0.6 km

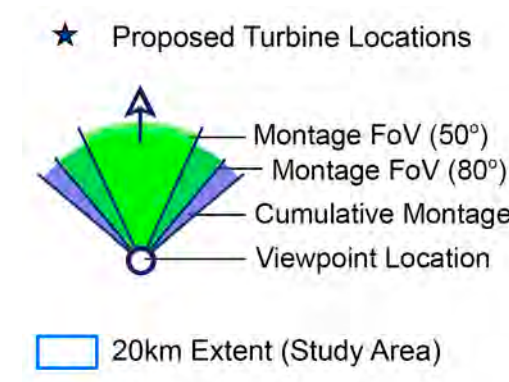
Local road at Moneygorm

Viewpoint Ref: VP10



ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings



Theoretical Turbine Visibility

- ★ Proposed Crockahenny

No. Turbines Visible

- 1 - 5
- 6 - 9
- 10 - 13
- 14 - 17
- 18 - 22

Cumulative Windfarm Status

- Eske Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 2



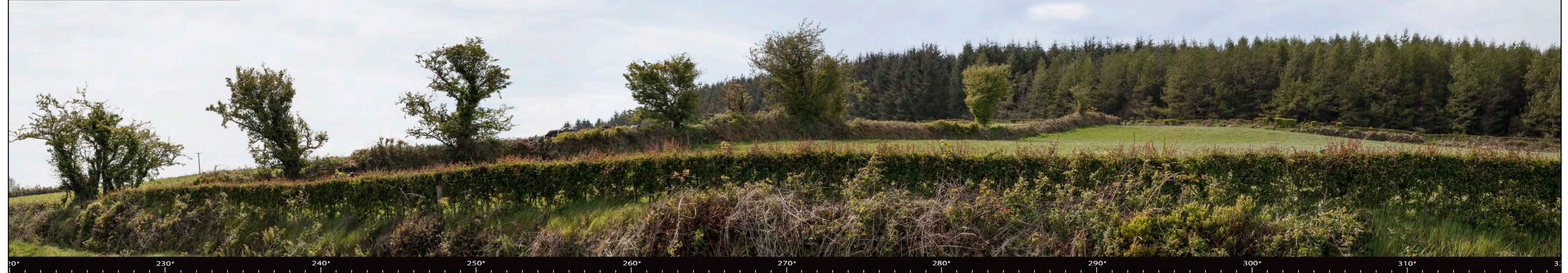
Existing View



Montage View

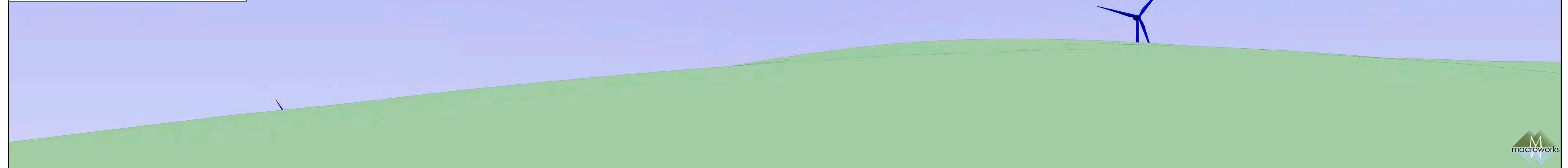


Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Context / Cumulative Montage View

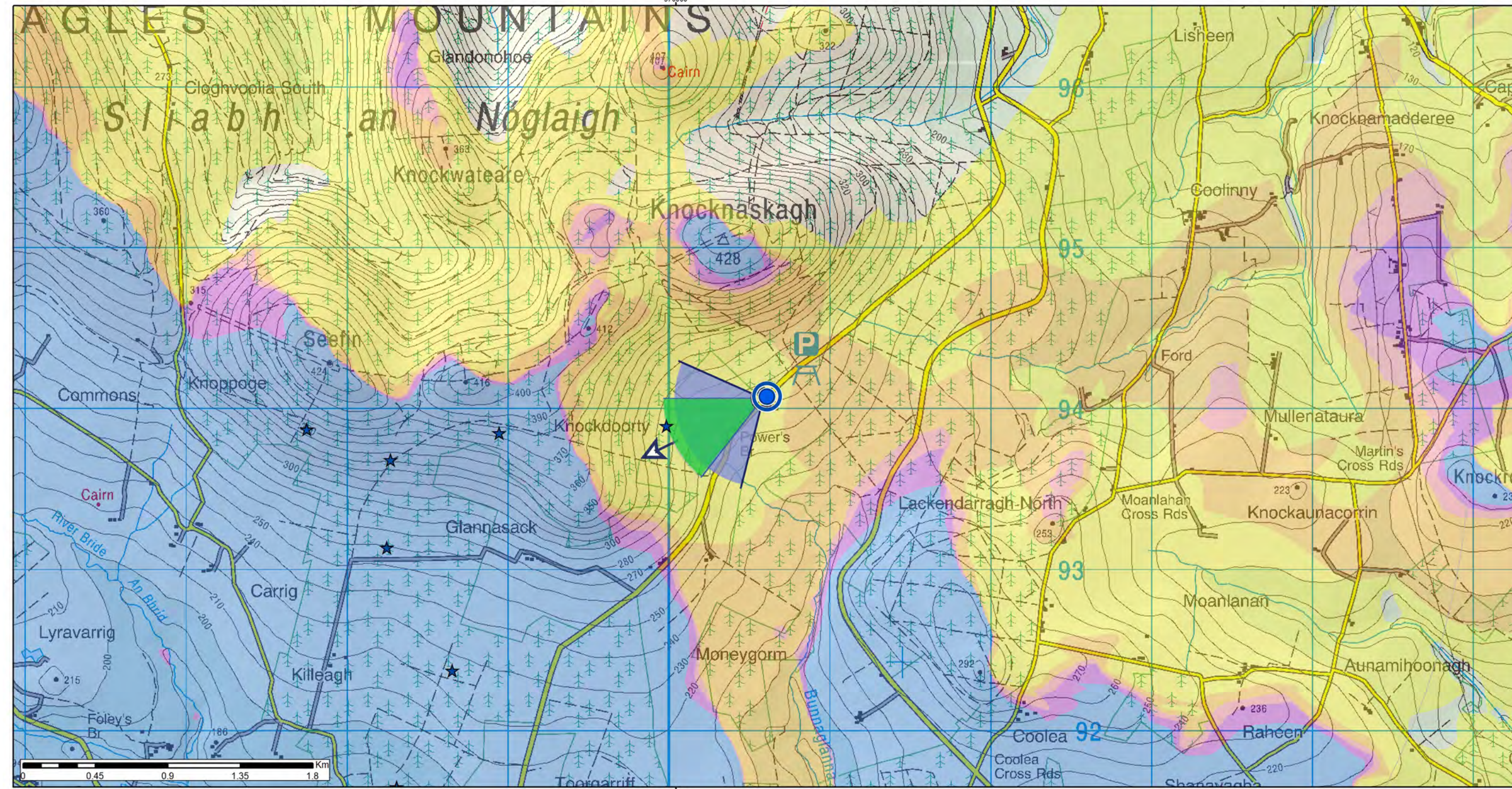


Context / Cumulative Wireframe View

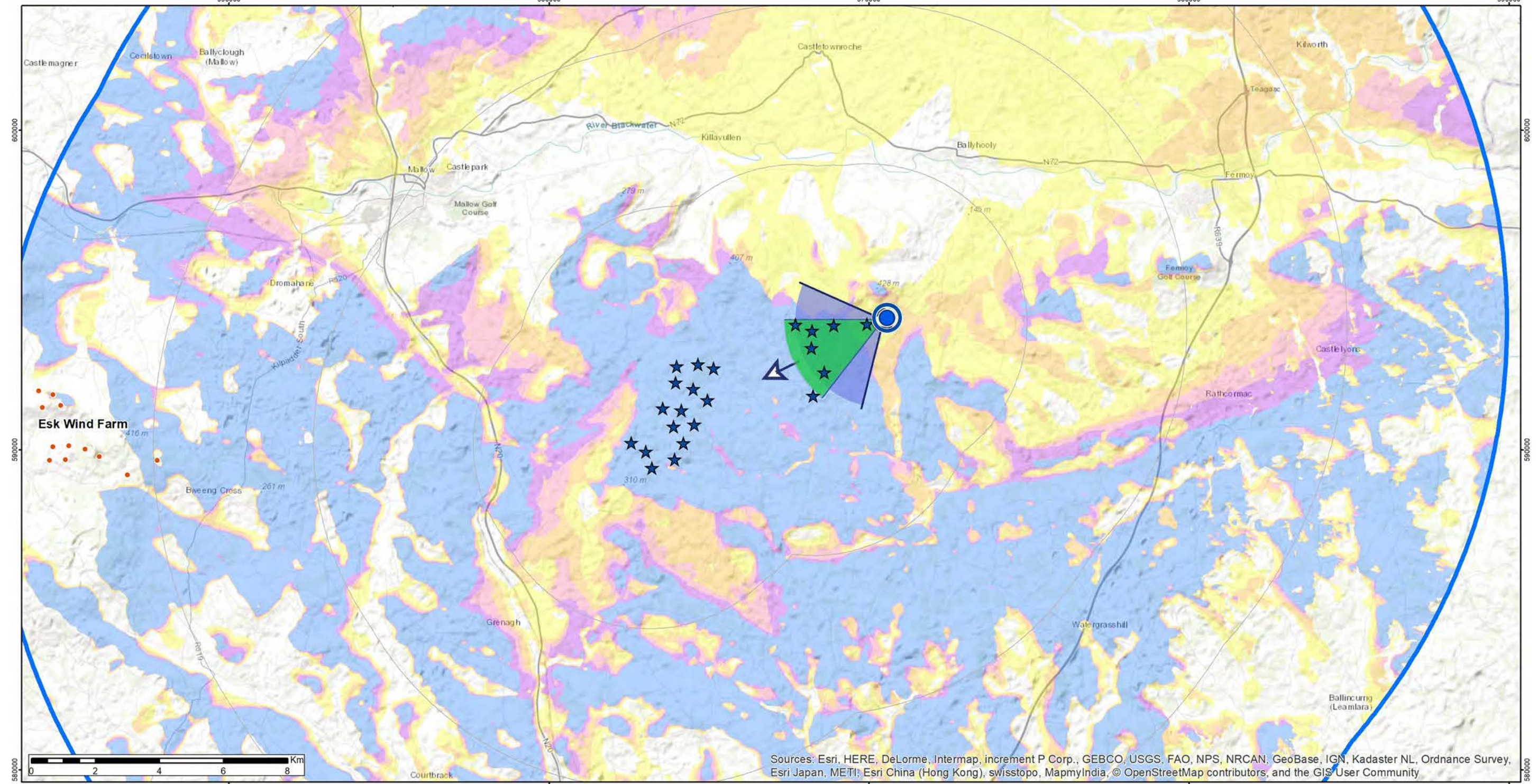
Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.



Scale 1:125,000



Scale 1:25,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 570567.48
 Northing: 594132.94
 Elevation: 272.1 m

Photo Capture Information

Date: 05/10/2018
 Time: 12:51
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

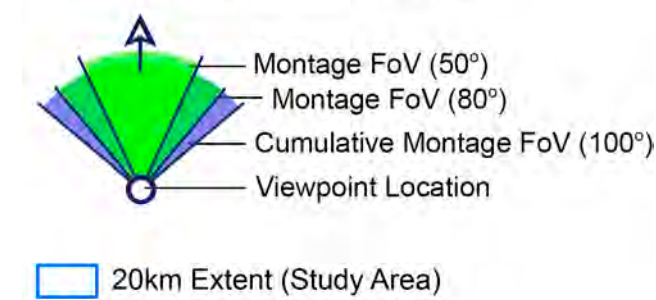
Number of Nacelles Theoretically Visible: 2
 Number of Nacelles Actually Visible: 1
 Angle of View Theoretically Occupied by Turbines: 37.0°
 Angle of View Actually Occupied by Turbines: 10.0°
 Distance to Nearest Turbine: 0.7 km
 Distance to Nearest Visible Turbine: 0.7 km

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings

Proposed Turbine Locations



Theoretical Turbine Visibility

★ Proposed Crockahenny
 No. Turbines Visible
 1 - 5 (Yellow)
 6 - 9 (Orange)
 10 - 13 (Red)
 14 - 17 (Purple)
 18 - 22 (Blue)
 Cumulative Windfarm Status
 ● Esk Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1



Existing View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).



Montage View

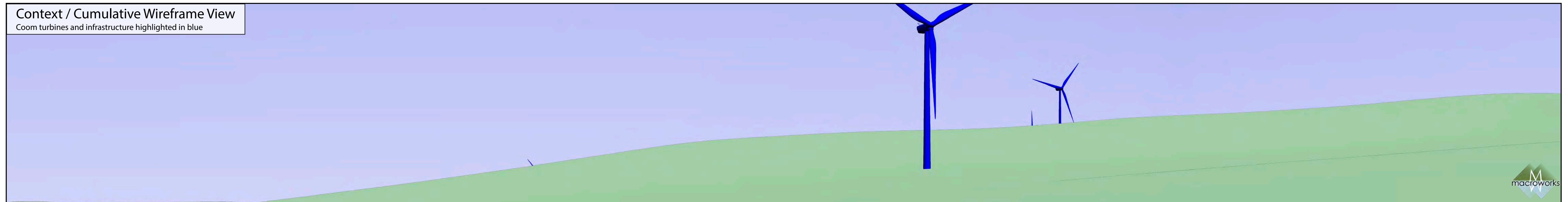


Context / Cumulative Montage View



Context / Cumulative Wireframe View

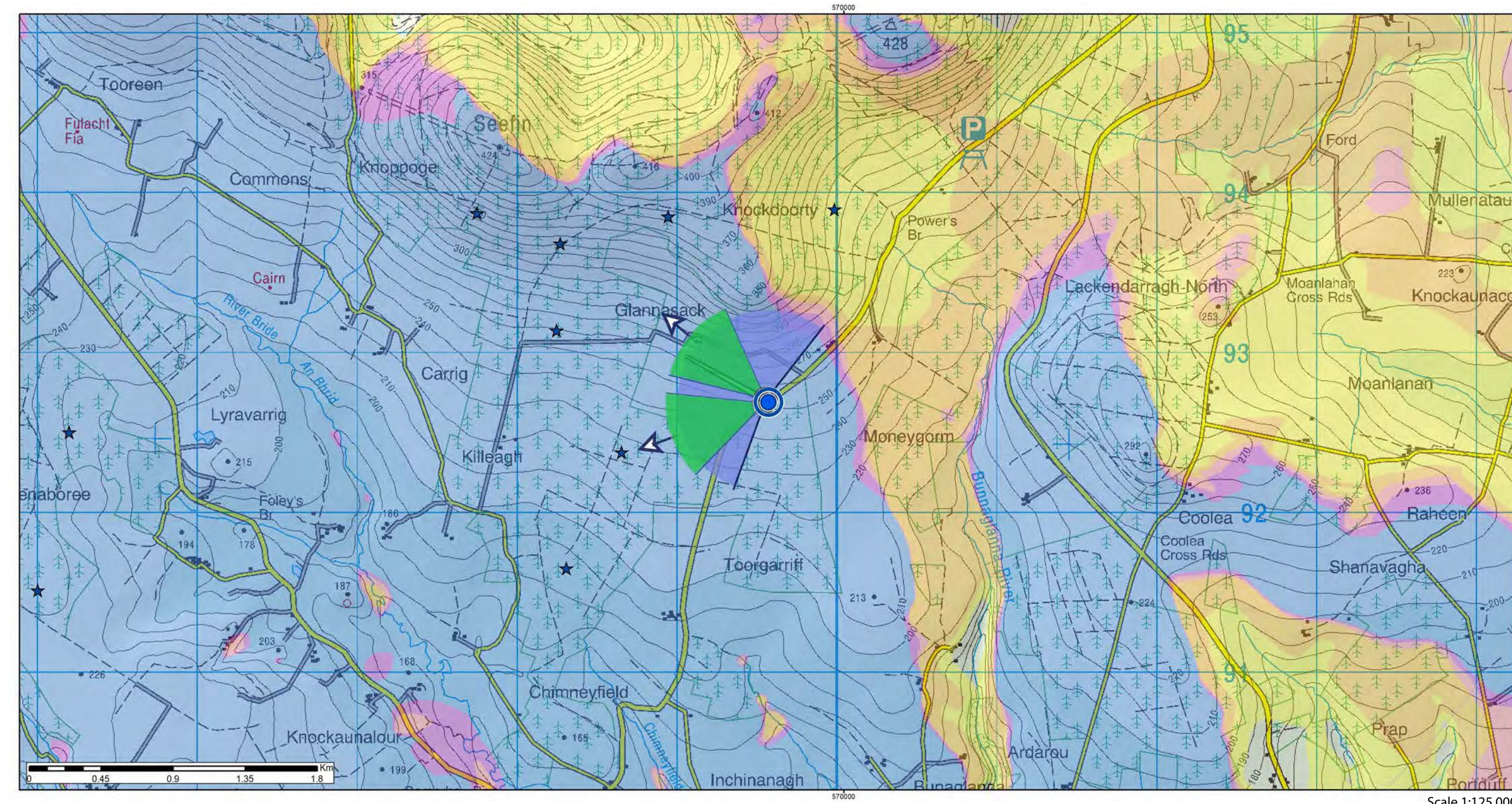
Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.



Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 569529.83
 Northing: 592745.20
 Elevation: 251.4 m

Photo Capture Information

Date: 14/05/2019
 Time: 15:57
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

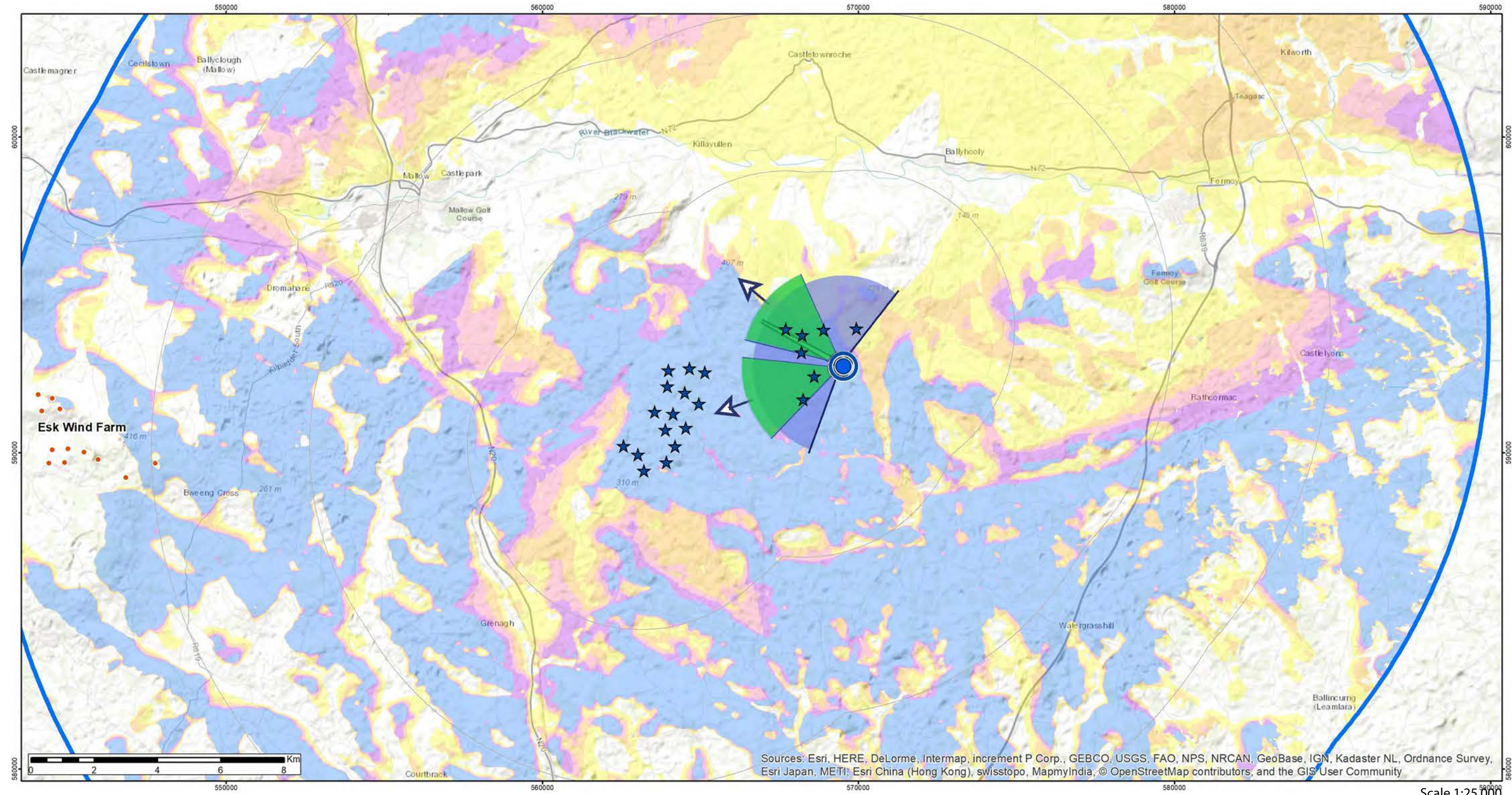
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 21
 Number of Nacelles Actually Visible: 5
 Angle of View Theoretically Occupied by Turbines: 104.0°
 Angle of View Actually Occupied by Turbines: 83.0°
 Distance to Nearest Turbine: 1 km
 Distance to Nearest Visible Turbine: 1 km

Local road at Toorgarriffe

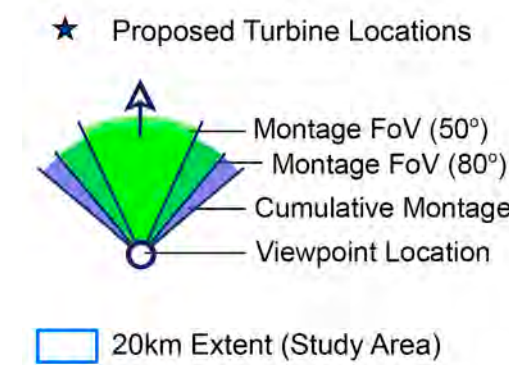
Viewpoint Ref: VP12



Scale 1:25,000

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings



Theoretical Turbine Visibility

- ★ Proposed Crockahenny
- No. Turbines Visible
- 1 - 5 (Yellow)
- 6 - 9 (Orange)
- 10 - 13 (Red)
- 14 - 17 (Purple)
- 18 - 22 (Blue)

Cumulative Windfarm Status

- Esker Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 2 of each
 Landscape Context Views: 2



Existing View



Montage View



Existing View



Montage View



Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



Context / Cumulative Montage View



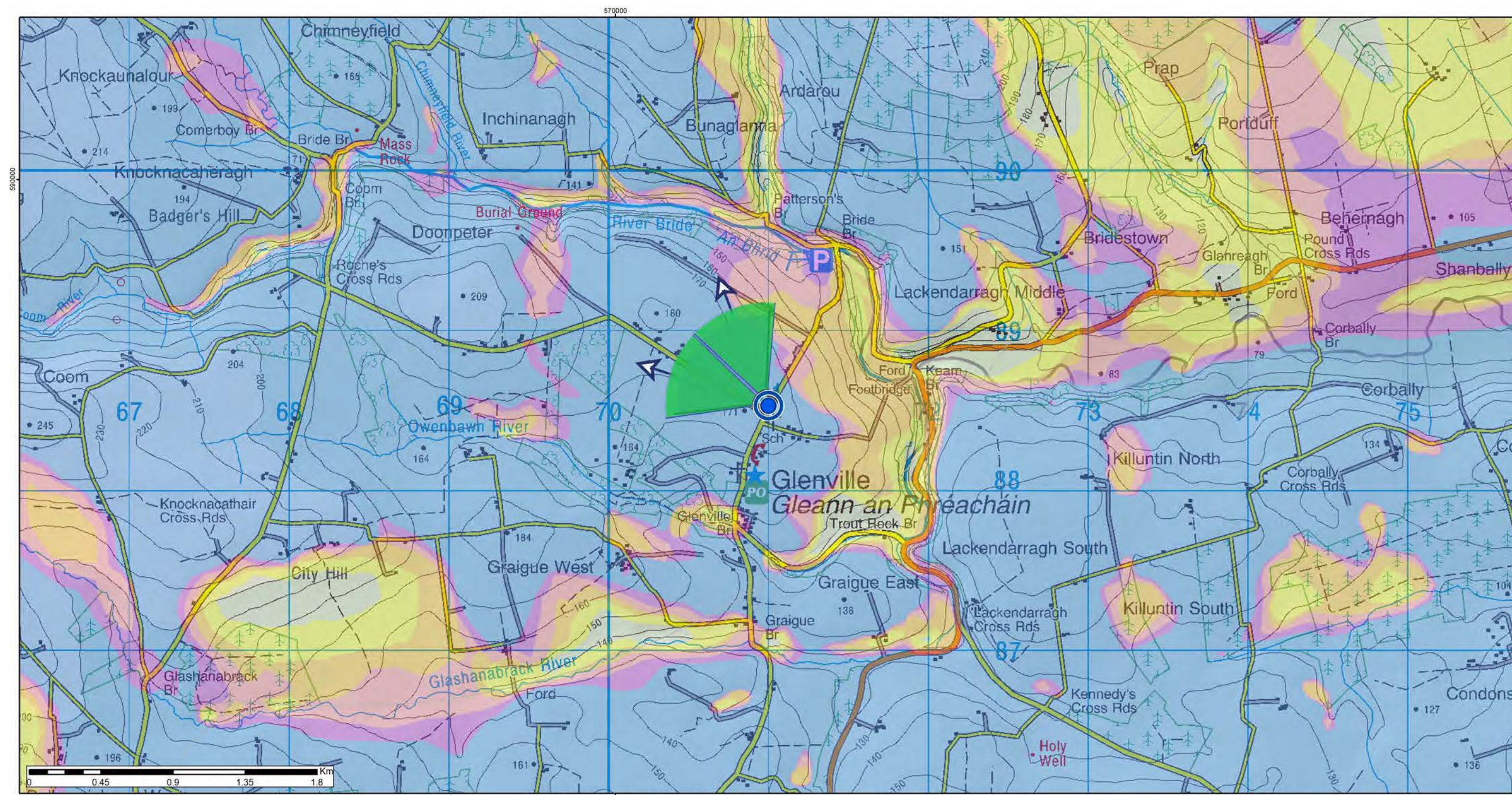
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 570956.25
 Northing: 588587.11
 Elevation: 165.6 m

Photo Capture Information

Date: 14/05/2019
 Time: 13:37
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

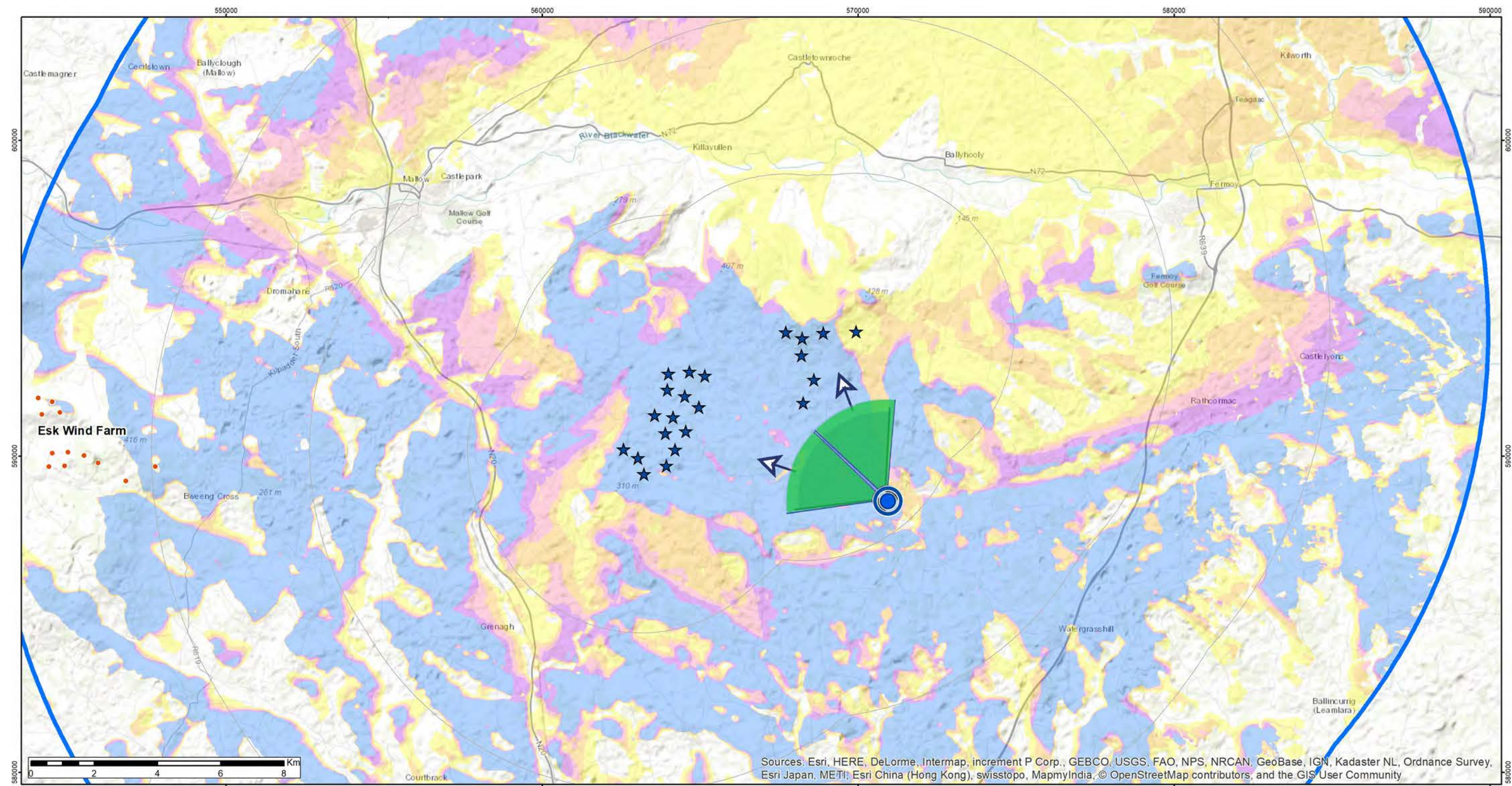
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 21
 Number of Nacelles Actually Visible: 5
 Angle of View Theoretically Occupied by Turbines: 74.0°
 Angle of View Actually Occupied by Turbines: 35.0°
 Distance to Nearest Turbine: 4.2 km
 Distance to Nearest Visible Turbine: 4.2 km

Glenville GAA Club

Viewpoint Ref: VP13



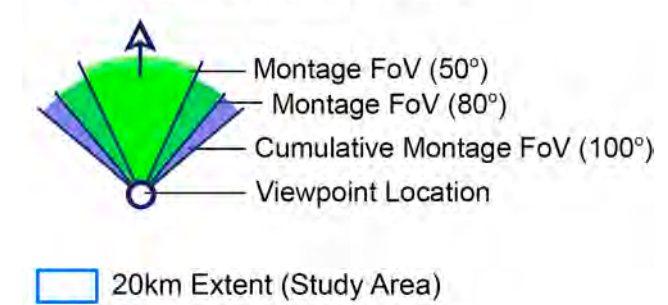
Scale 1:25,000

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings

Proposed Turbine Locations



Theoretical Turbine Visibility

★ Proposed Crockahenny
 No. Turbines Visible
 1 - 5 (Yellow)
 6 - 9 (Orange)
 10 - 13 (Red)
 14 - 17 (Purple)
 18 - 22 (Blue)
 Cumulative Windfarm Status
 ● Eske Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 2 of each
 Landscape Context Views: 1





This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Montage View



Existing View



Montage View

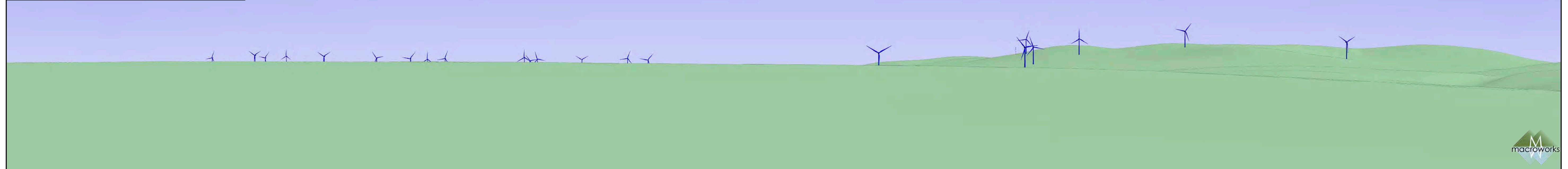


Context / Cumulative Montage View



Context / Cumulative Wireframe View

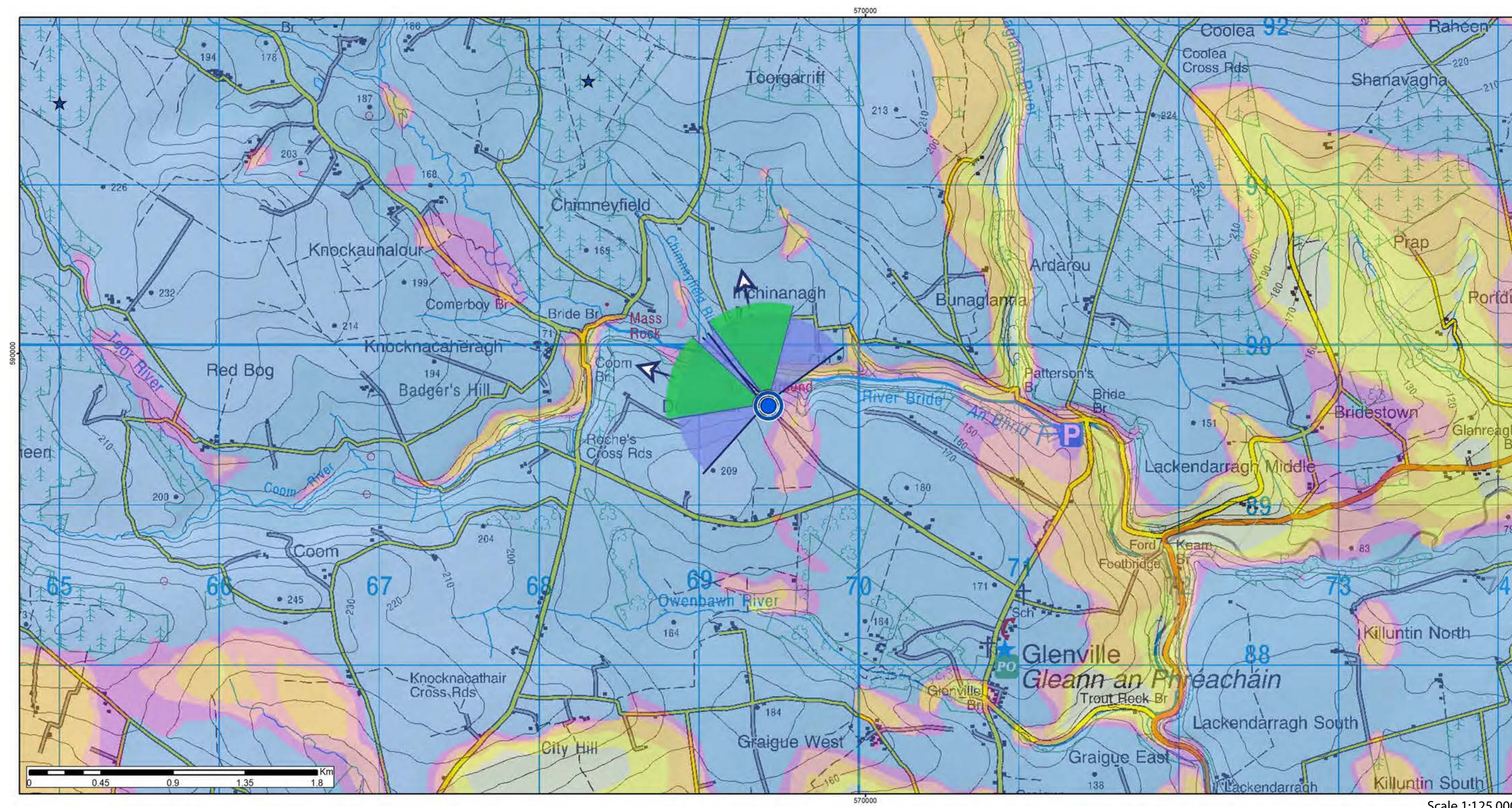
Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.



Coom Green Energy Park - Landscape and Visual Impact Assessment



Positional Information

National Grid Cordinate (ITM)
 Easting: 569393.00
 Northing: 589676.11
 Elevation: 177.6 m

Photo Capture Information

Date: 14/05/2019
 Time: 13:53
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

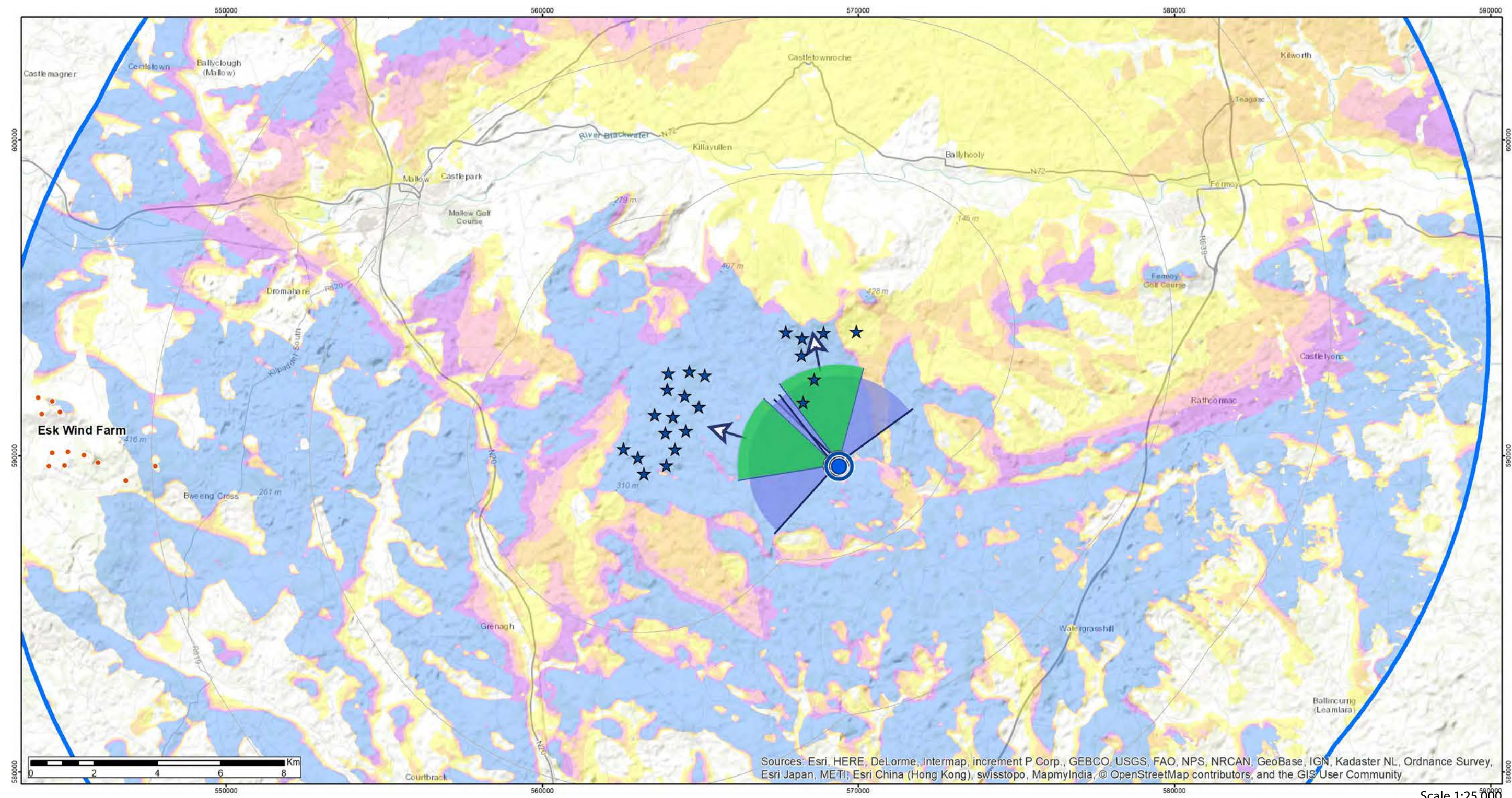
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 22
 Number of Nacelles Actually Visible: 12
 Angle of View Theoretically Occupied by Turbines: 101.0°
 Angle of View Actually Occupied by Turbines: 50.0°
 Distance to Nearest Turbine: 2.3 km
 Distance to Nearest Visible Turbine: 2.3 km

Doonpeter Holy Well

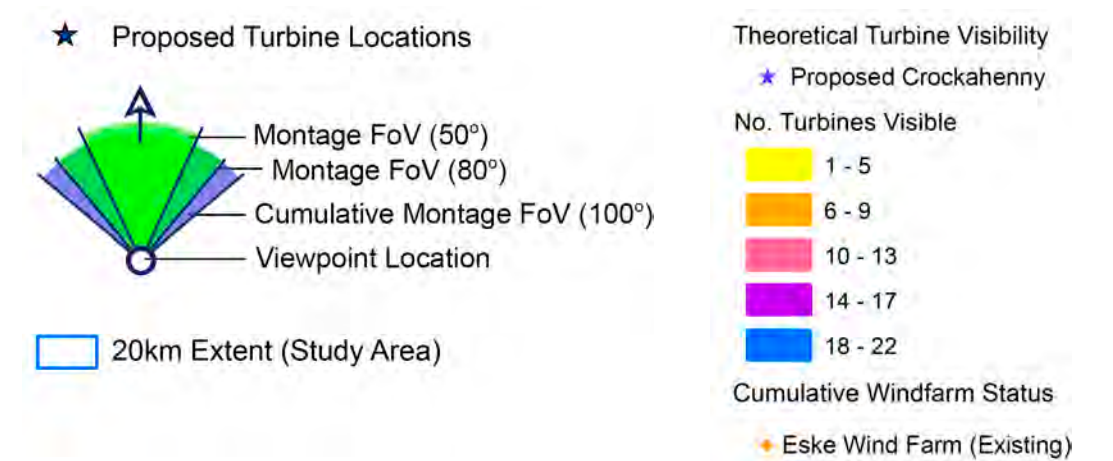
Viewpoint Ref: VP14



ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings



Pages to Follow for this Viewpoint

Existing & Montage Views: 2 of each
 Landscape Context Views: 2



Existing View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Montage View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Existing View



Montage View



Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



Context / Cumulative Montage View



Context / Cumulative Wireframe View

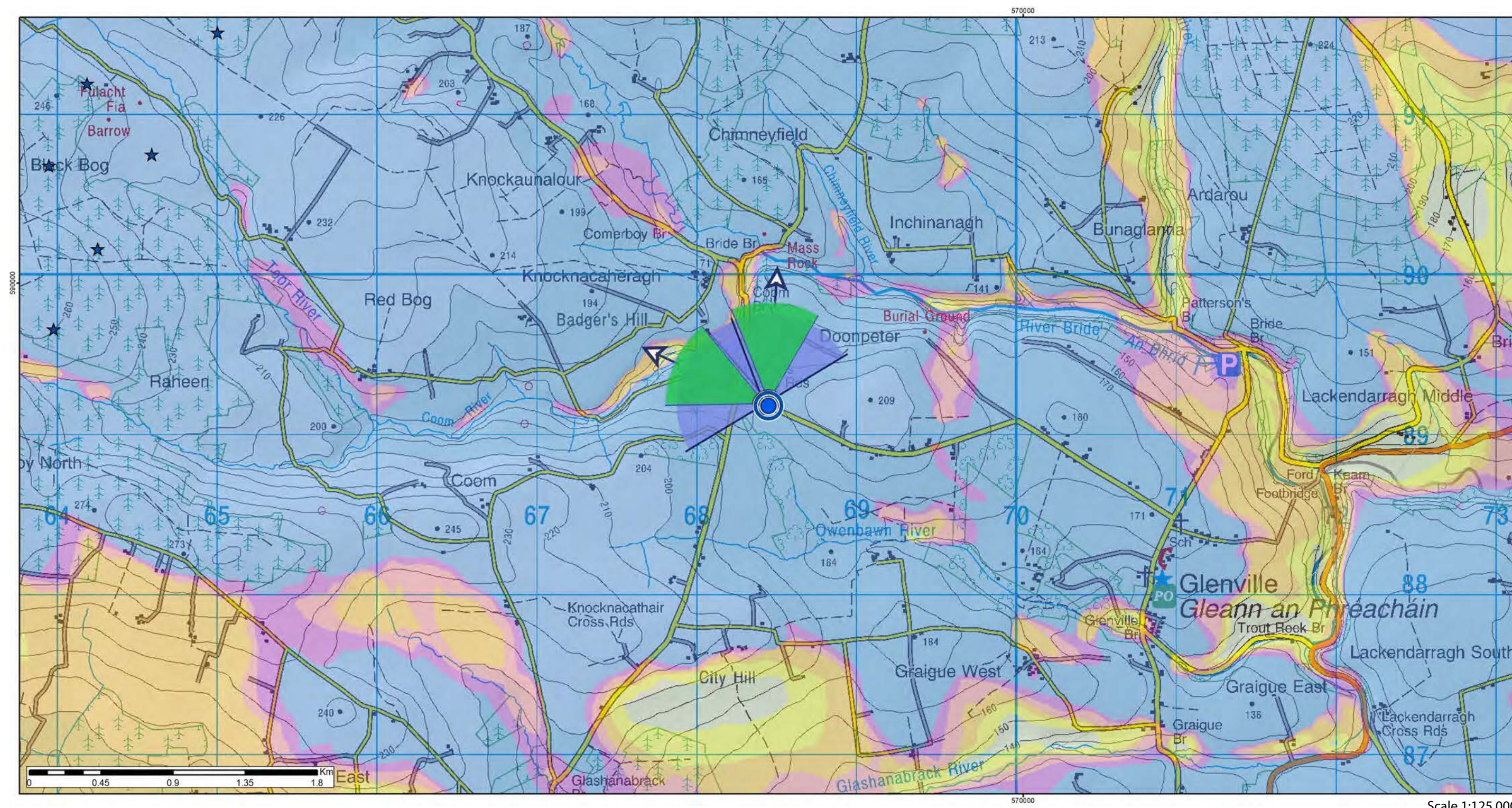
Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.



Coom Green Energy Park - Landscape and Visual Impact Assessment



Positional Information

National Grid Cordinate (ITM)
 Easting: 568407.02
 Northing: 589235.16
 Elevation: 185.3 m

Photo Capture Information

Date: 14/05/2019
 Time: 14:15
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

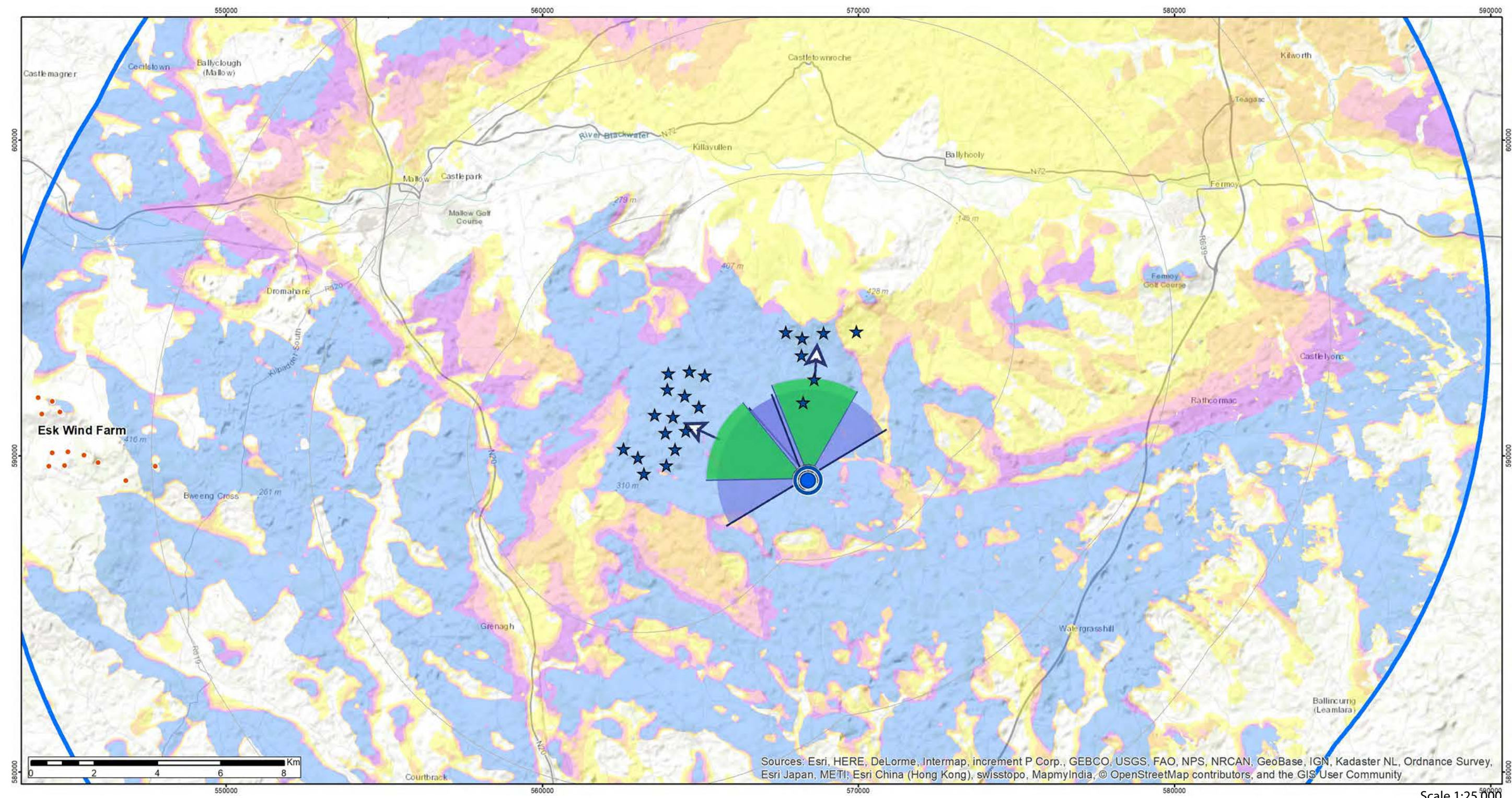
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 22
 Number of Nacelles Actually Visible: 22
 Angle of View Theoretically Occupied by Turbines: 73.0°
 Angle of View Actually Occupied by Turbines: 73.0°
 Distance to Nearest Turbine: 2.5 km
 Distance to Nearest Visible Turbine: 2.5 km

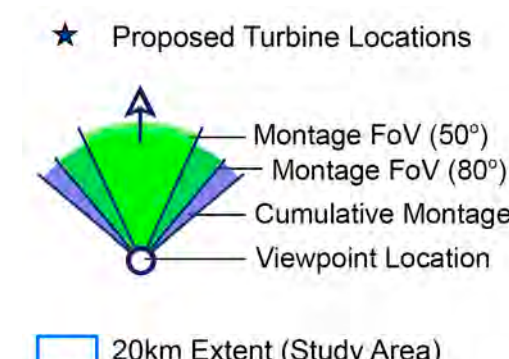
Local road at Doonpeter

Viewpoint Ref: VP15



ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings



Theoretical Turbine Visibility

- ★ Proposed Crockahenny
- No. Turbines Visible
- 1 - 5 (Yellow)
- 6 - 9 (Orange)
- 10 - 13 (Red)
- 14 - 17 (Purple)
- 18 - 22 (Blue)

Cumulative Windfarm Status

- ★ Esk Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 2 of each
 Landscape Context Views: 2



Existing View



Montage View



Existing View



Montage View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).



Context / Cumulative Montage View

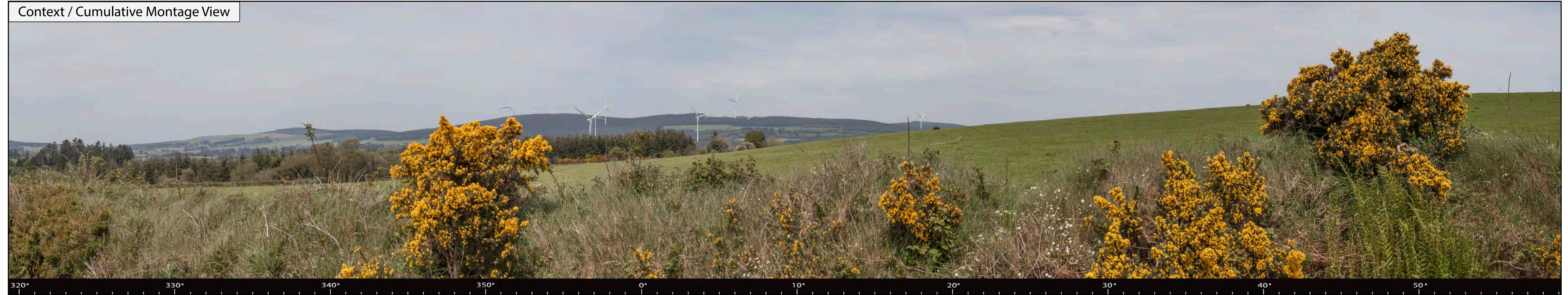


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue

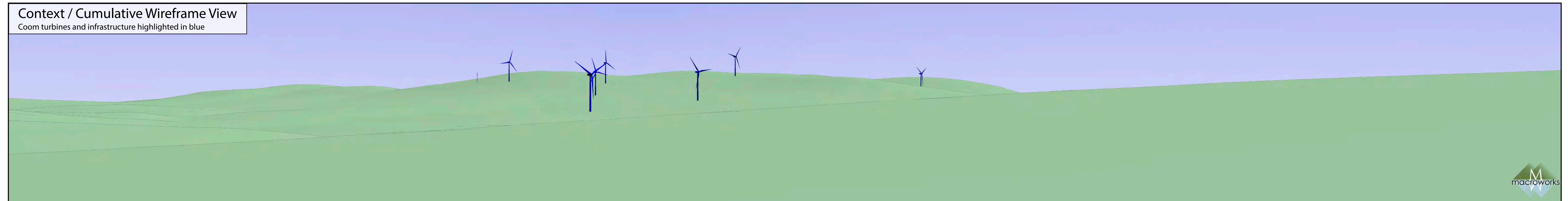


Context / Cumulative Montage View

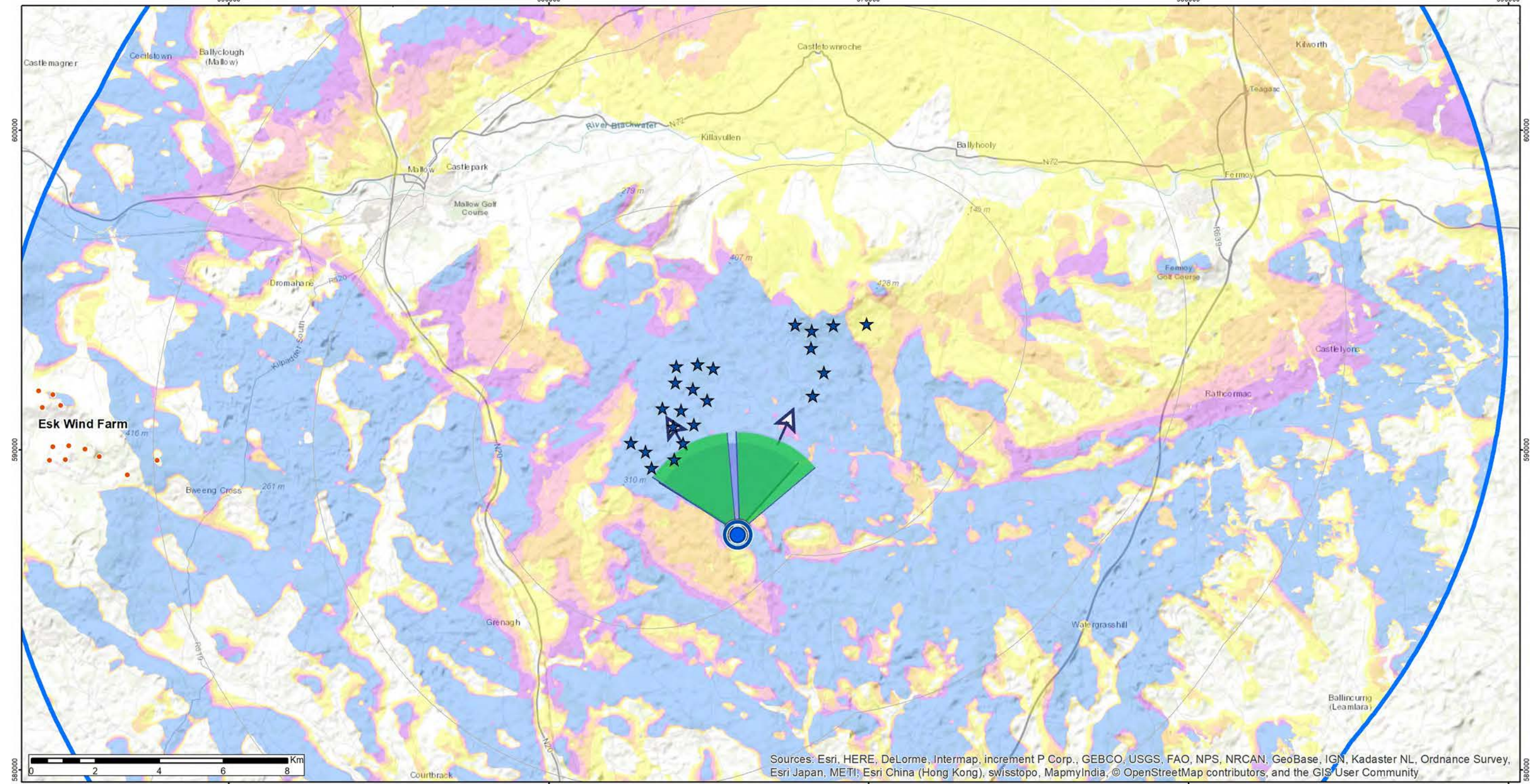
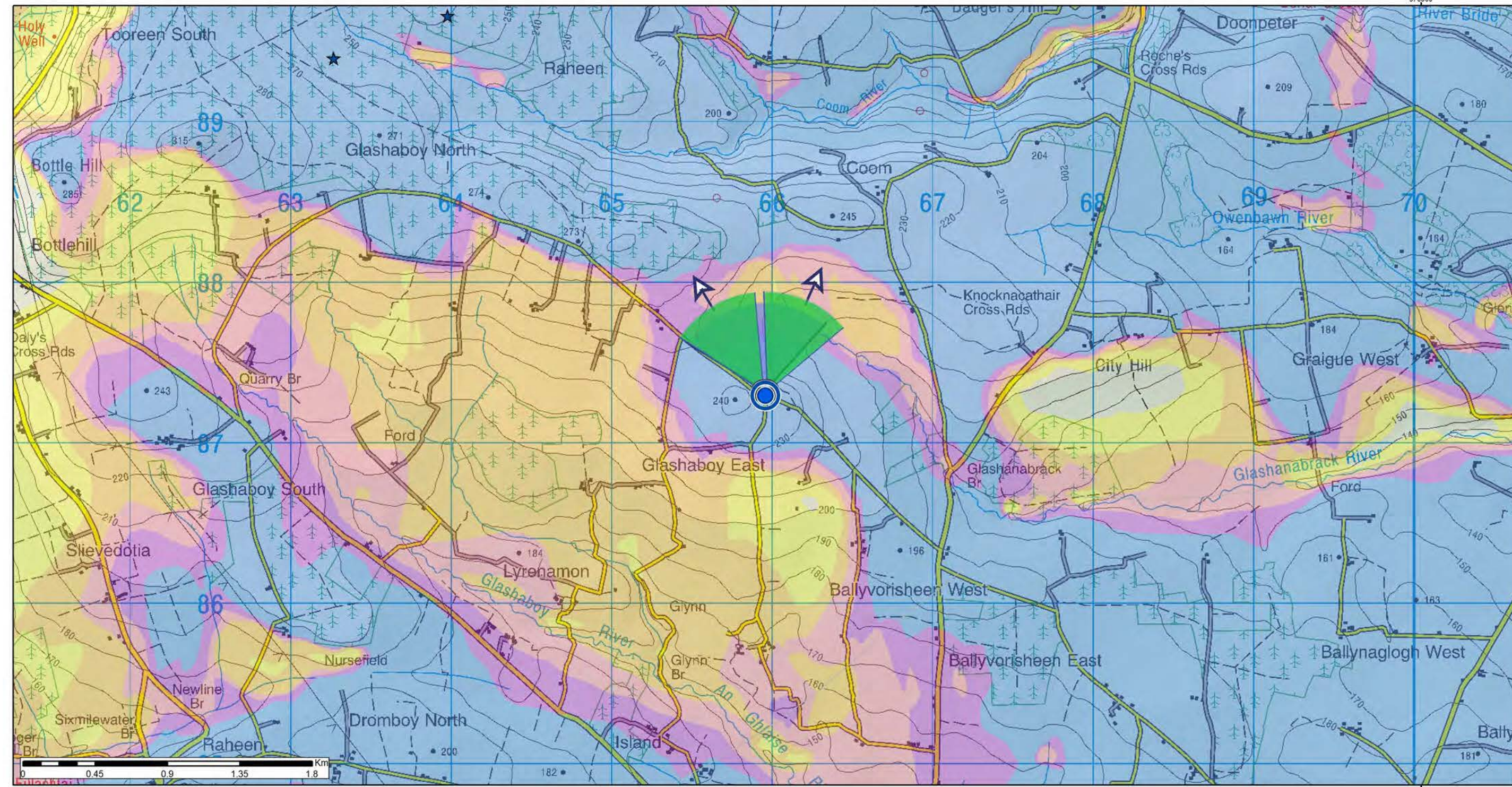


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.



Positional Information

National Grid Cordinate (ITM)
 Easting: 565915.47
 Northing: 587349.64
 Elevation: 237.9 m

Photo Capture Information

Date: 14/05/2019
 Time: 14:26
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

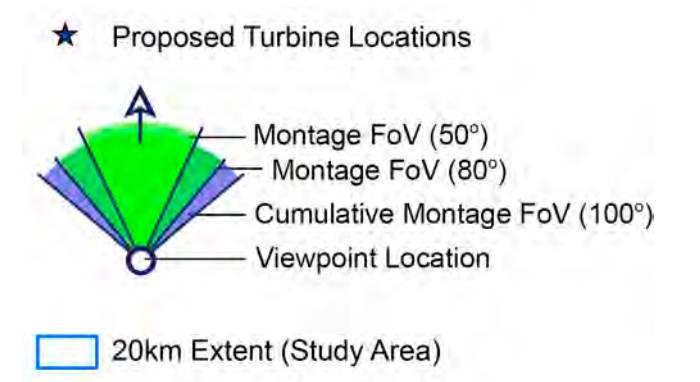
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 22
 Number of Nacelles Actually Visible: 17
 Angle of View Theoretically Occupied by Turbines: 63.0°
 Angle of View Actually Occupied by Turbines: 63.0°
 Distance to Nearest Turbine: 3.1 km
 Distance to Nearest Visible Turbine: 3.1 km

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m
 DTM Height data does not account for non-landform features such as vegetation and buildings



Theoretical Turbine Visibility

- ★ Proposed Crockahenny
- No. Turbines Visible
- 1 - 5 (Yellow)
- 6 - 9 (Orange)
- 10 - 13 (Red)
- 14 - 17 (Purple)
- 18 - 22 (Blue)

Cumulative Windfarm Status

- ★ Esk Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 2 of each
 Landscape Context Views: 1



Existing View



Montage View



Existing View



Montage View

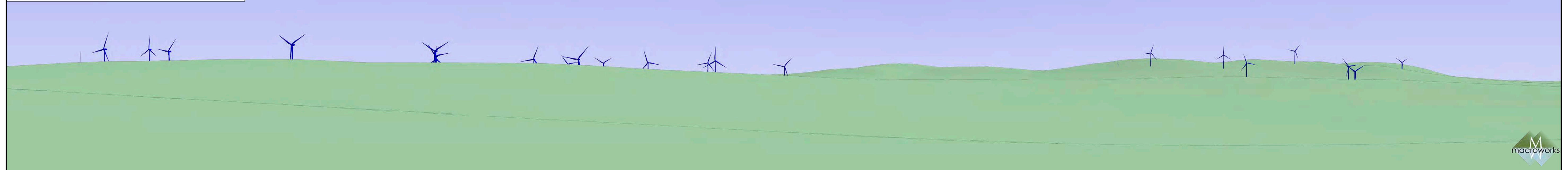


Context / Cumulative Montage View

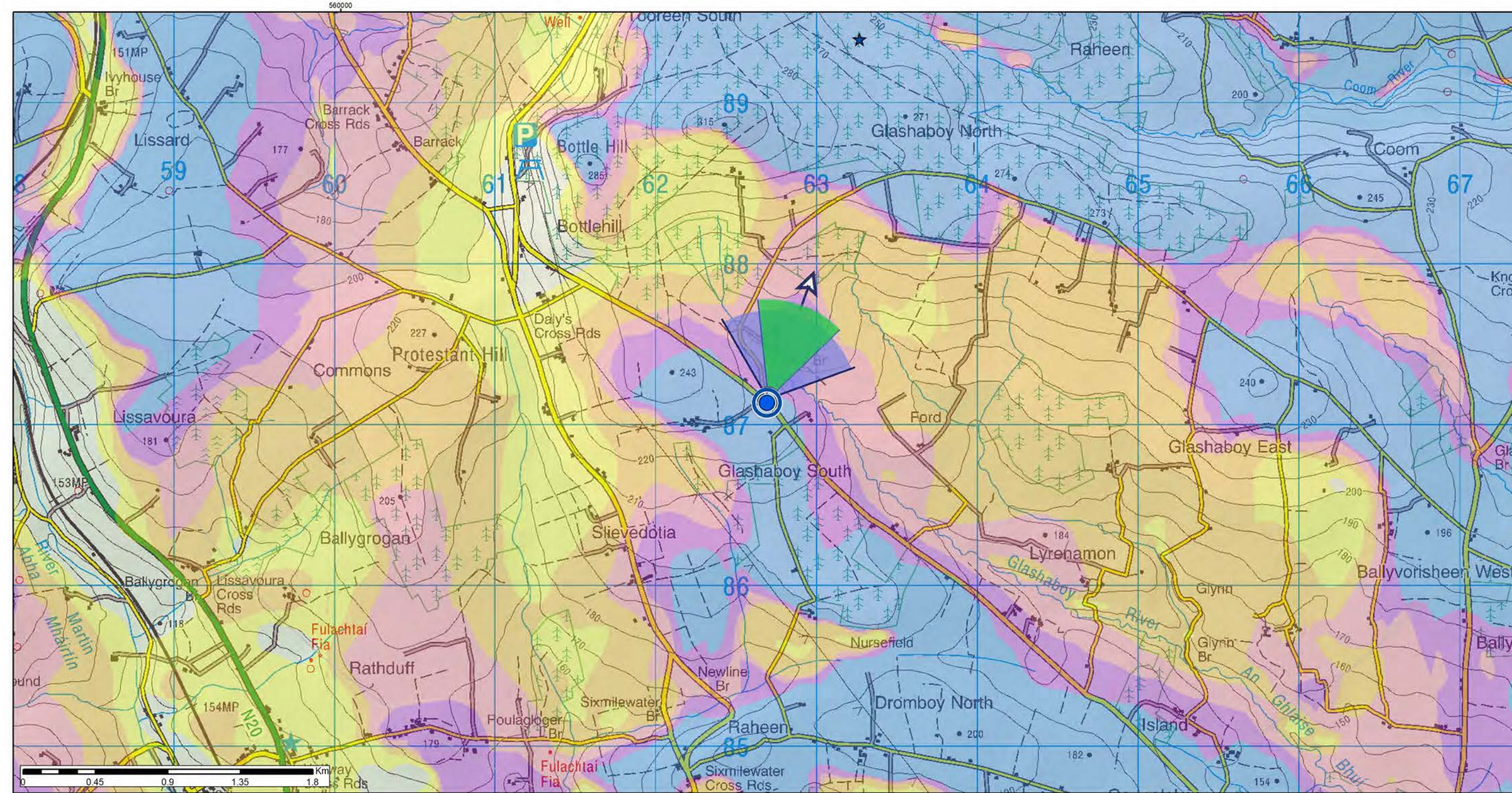


Context / Cumulative Wireframe View

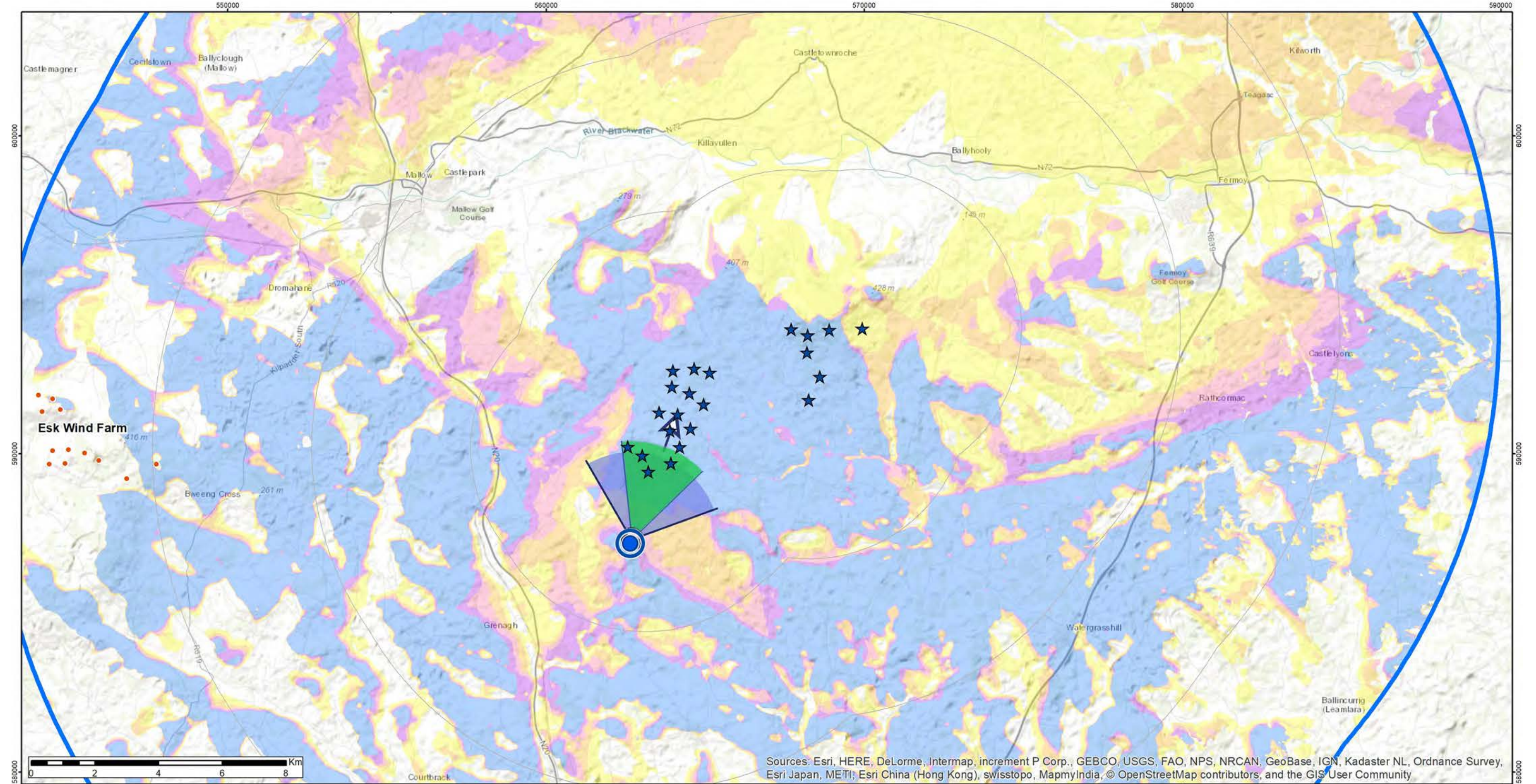
Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.



Scale 1:125,000



Scale 1:25,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 562649.31
 Northing: 587190.79
 Elevation: 226.8 m

Photo Capture Information

Date: 14/05/2019
 Time: 14:36
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 9
 Number of Nacelles Actually Visible: 6
 Angle of View Theoretically Occupied by Turbines: 45.0°
 Angle of View Actually Occupied by Turbines: 45.0°
 Distance to Nearest Turbine: 2.3 km
 Distance to Nearest Visible Turbine: 2.3 km

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings

Legend

- ★ Proposed Turbine Locations
- ★ Proposed Crockahenny
- ★ Eske Wind Farm (Existing)
- Montage FoV (50°)
- Montage FoV (80°)
- Cumulative Montage FoV (100°)
- Viewpoint Location
- 20km Extent (Study Area)

Theoretical Turbine Visibility

No. Turbines Visible

- 1 - 5
- 6 - 9
- 10 - 13
- 14 - 17
- 18 - 22

Cumulative Windfarm Status

Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1





This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Montage View



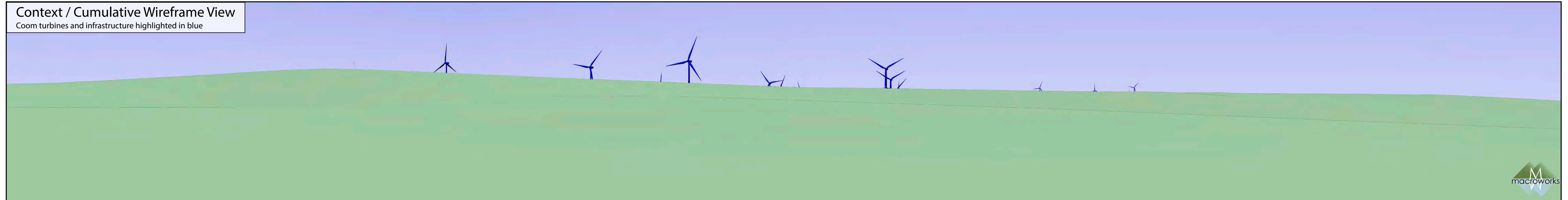
This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Context / Cumulative Montage View



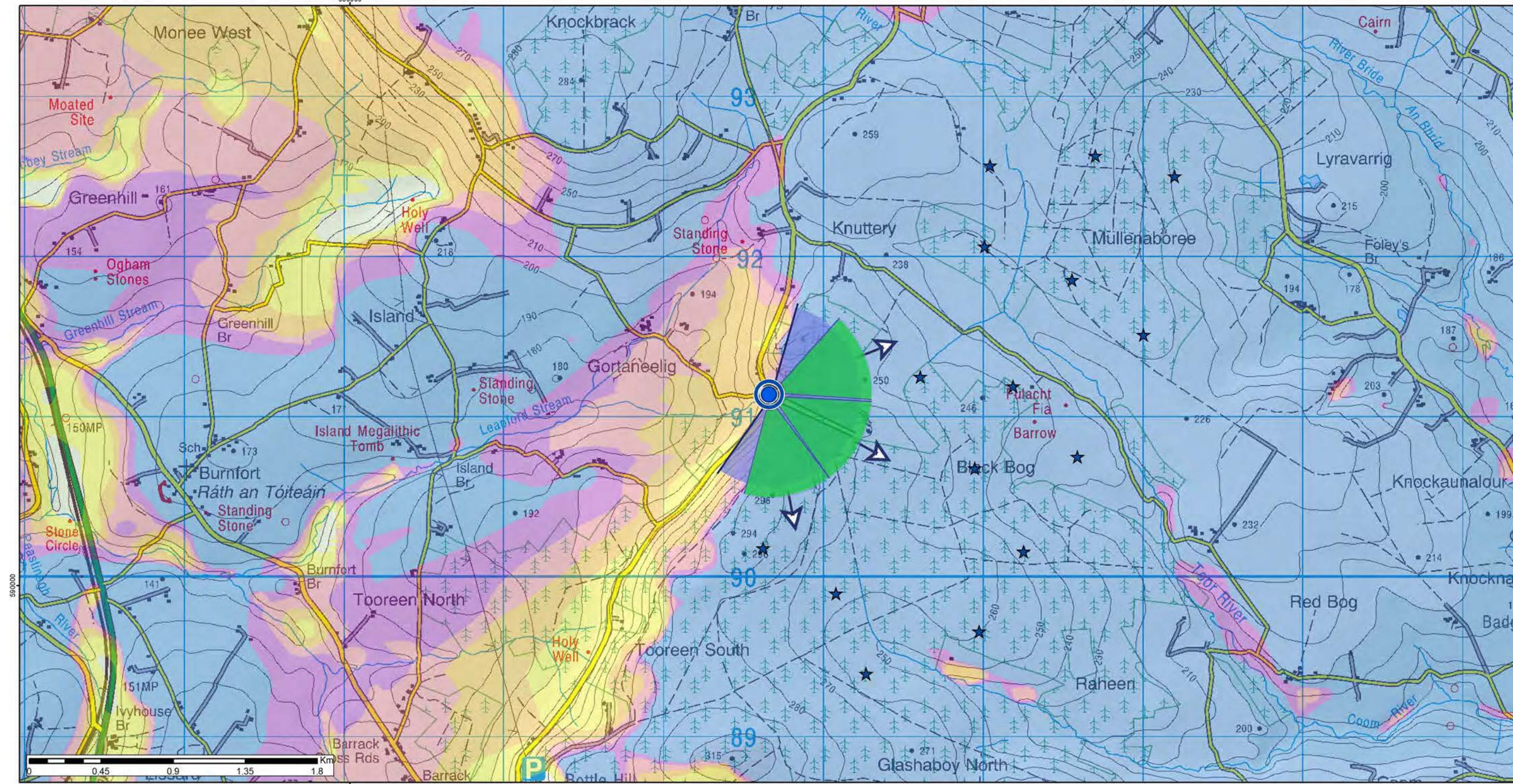
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 562617.15
 Northing: 591196.51
 Elevation: 226.6 m

Photo Capture Information

Date: 14/05/2019
 Time: 15:20
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

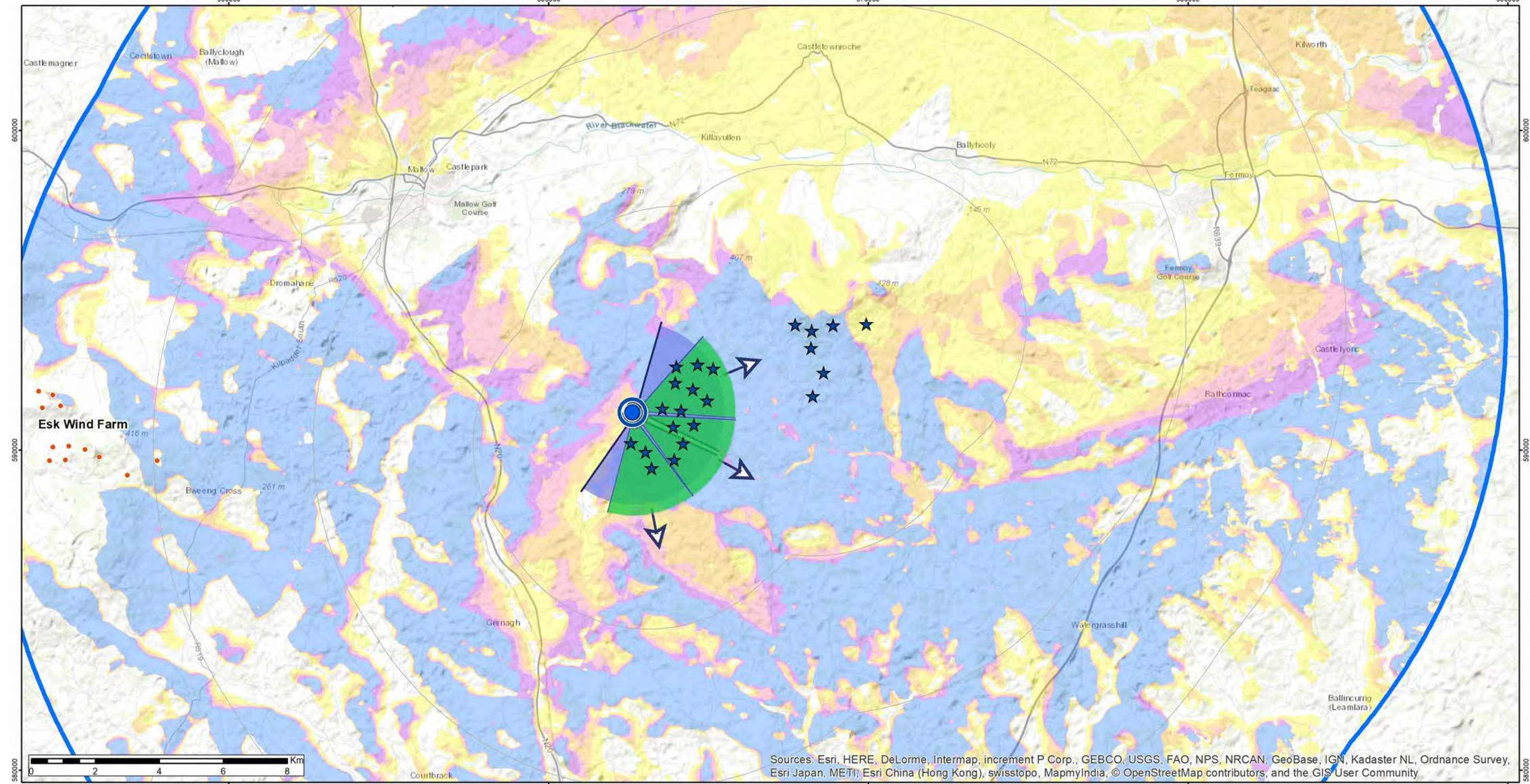
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 4
 Number of Nacelles Actually Visible: 2
 Angle of View Theoretically Occupied by Turbines: 126.0°
 Angle of View Actually Occupied by Turbines: 98.0°
 Distance to Nearest Turbine: 1 km
 Distance to Nearest Visible Turbine: 1 km

Local road at Gortaneelig

Viewpoint Ref: VP18

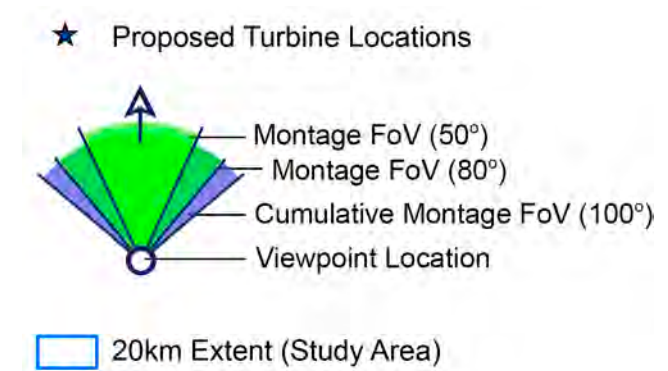


Scale 1:25,000

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings



★ Proposed Turbine Locations
 ★ Proposed Crockahenny

Theoretical Turbine Visibility
 No. Turbines Visible

- 1 - 5
- 6 - 9
- 10 - 13
- 14 - 17
- 18 - 22

Cumulative Windfarm Status
 + Eske Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 3 of each
 Landscape Context Views: 2





This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).





This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).





This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Montage View



This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Existing View



Montage View

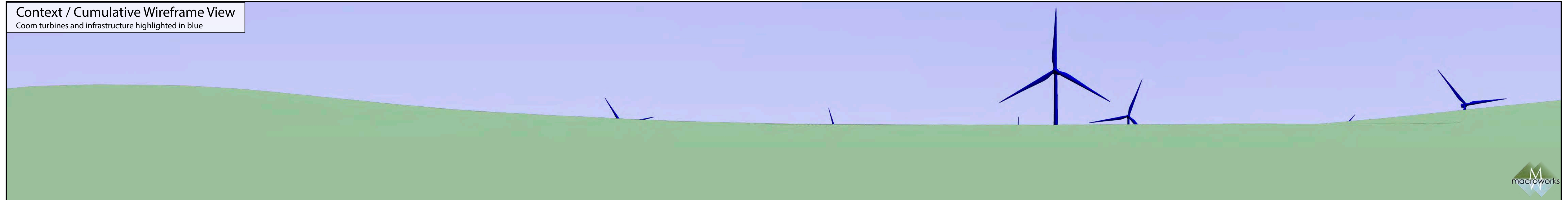


Context / Cumulative Montage View



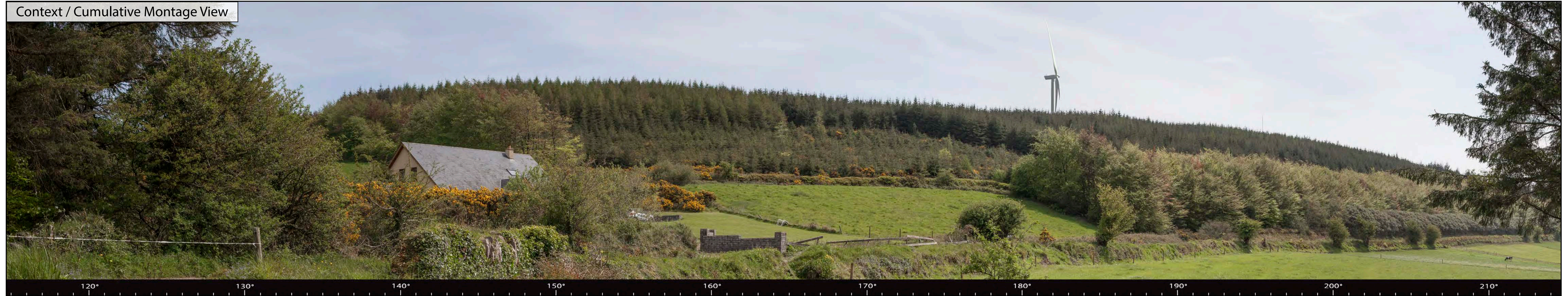
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



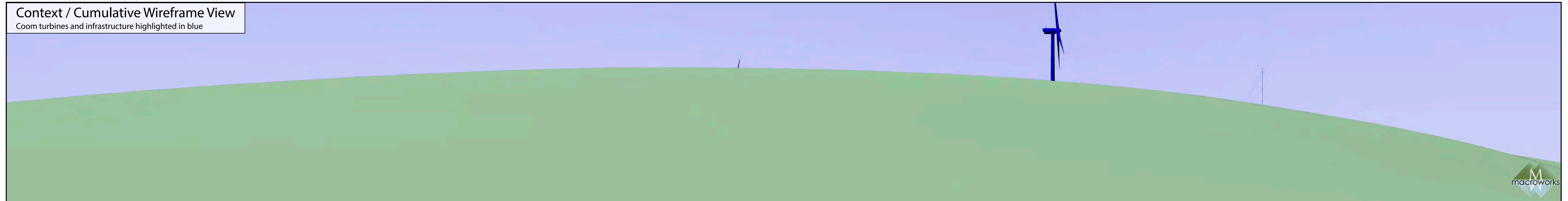
This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Context / Cumulative Montage View



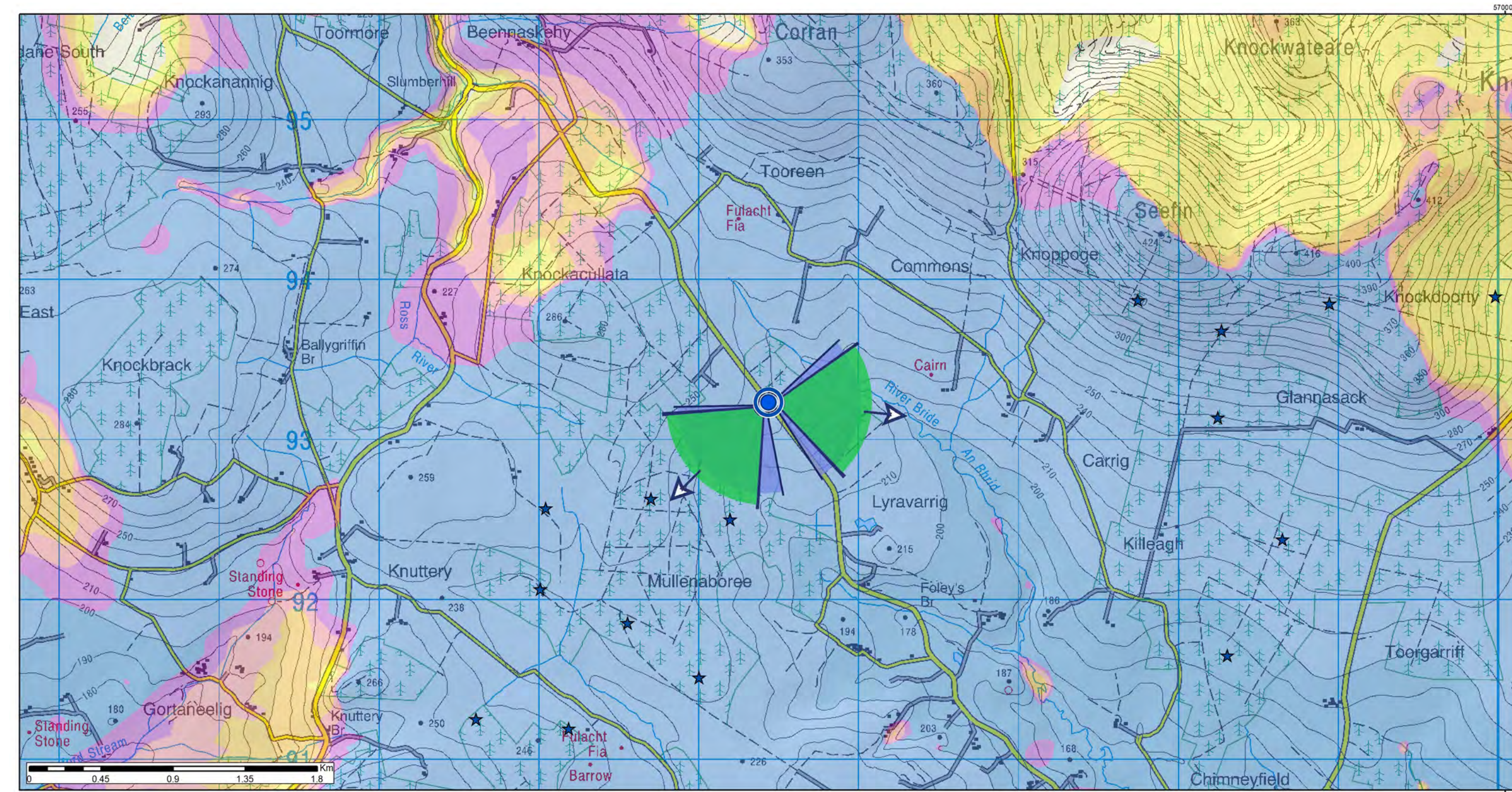
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 565394.17
 Northing: 593289.46
 Elevation: 231.7 m

Photo Capture Information

Date: 05/10/2018
 Time: 15:26
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

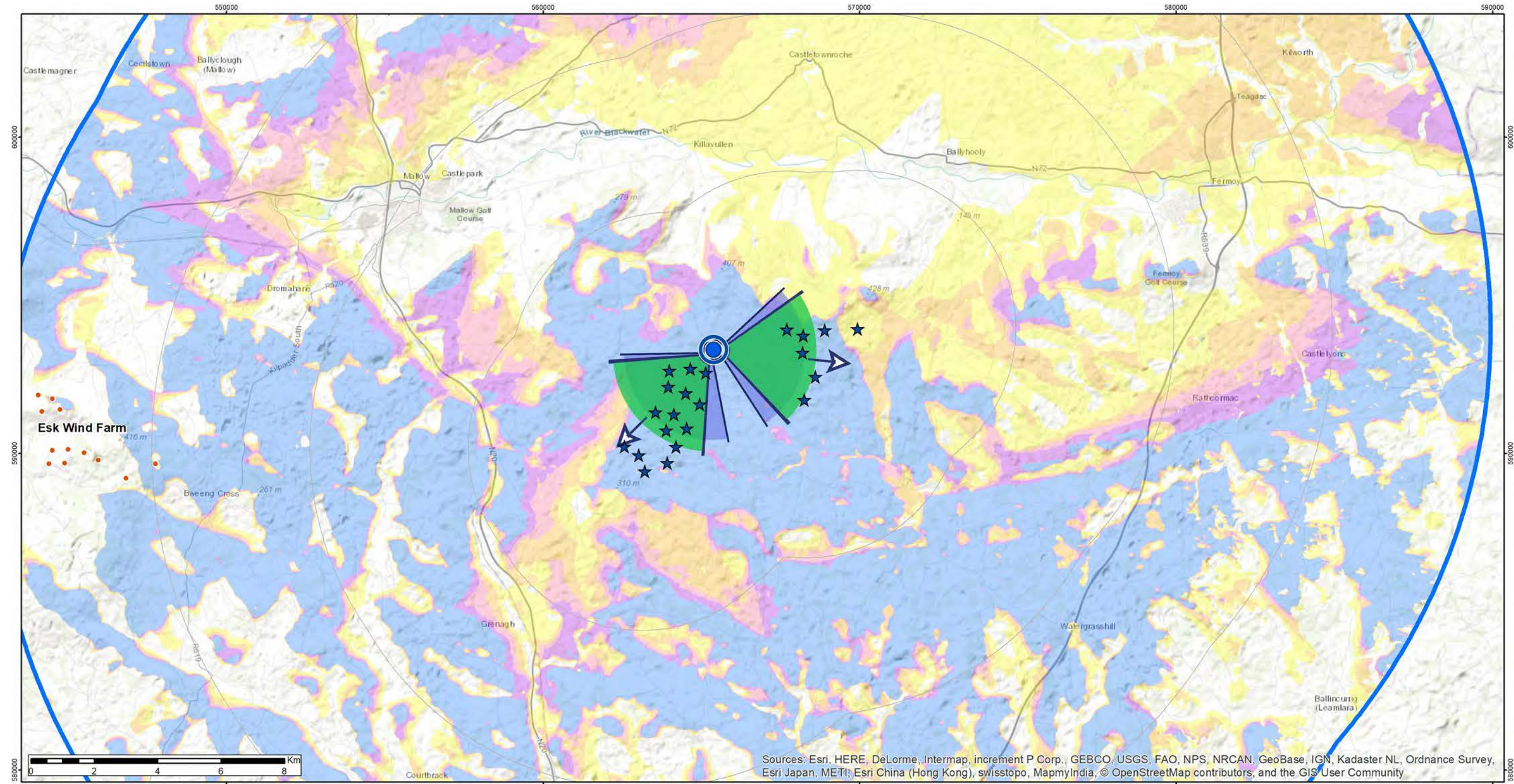
Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

Number of Nacelles Theoretically Visible: 21
 Number of Nacelles Actually Visible: 21
 Angle of View Theoretically Occupied by Turbines: 100.0°
 Angle of View Actually Occupied by Turbines: 100.0°
 Distance to Nearest Turbine: 0.8 km
 Distance to Nearest Visible Turbine: 0.8 km

Local road at Knuttery

Viewpoint Ref: VP19



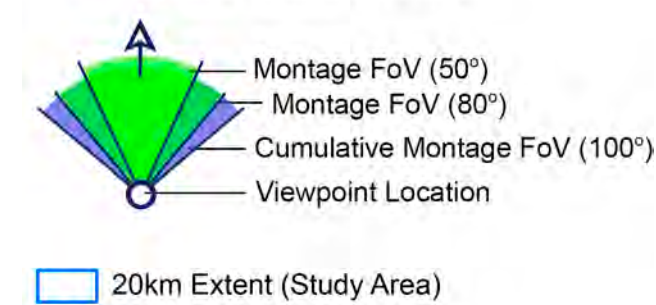
Scale 1:25,000

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings

Proposed Turbine Locations



Theoretical Turbine Visibility

★ Proposed Crockahenny
 No. Turbines Visible

- 1 - 5
- 6 - 9
- 10 - 13
- 14 - 17
- 18 - 22

Cumulative Windfarm Status
 ★ Eske Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 2 of each
 Landscape Context Views: 2



Existing View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)



Montage View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)



Existing View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)



Montage View



In order to avoid splitting the turbine cluster in this view unnecessarily, the field of view has been extended from 50degrees to 80 degrees. This requires the use of a cylindrical-type panorama. To view this image correctly, place on a flat surface and move along its length whilst viewing from a comfortable arms length (approx 50cm)



Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue

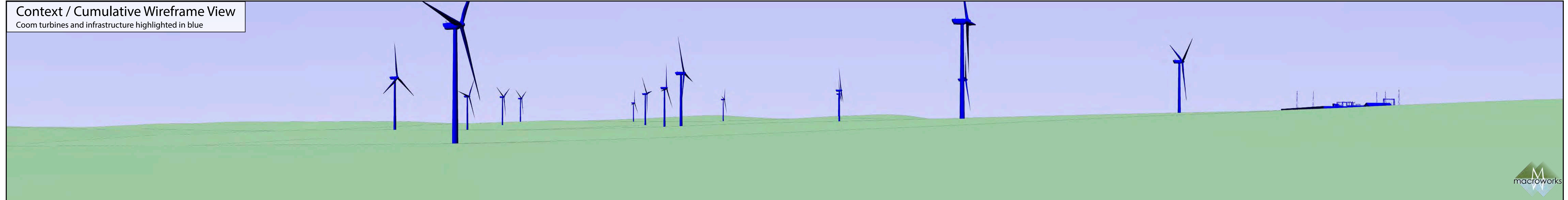


Context / Cumulative Montage View

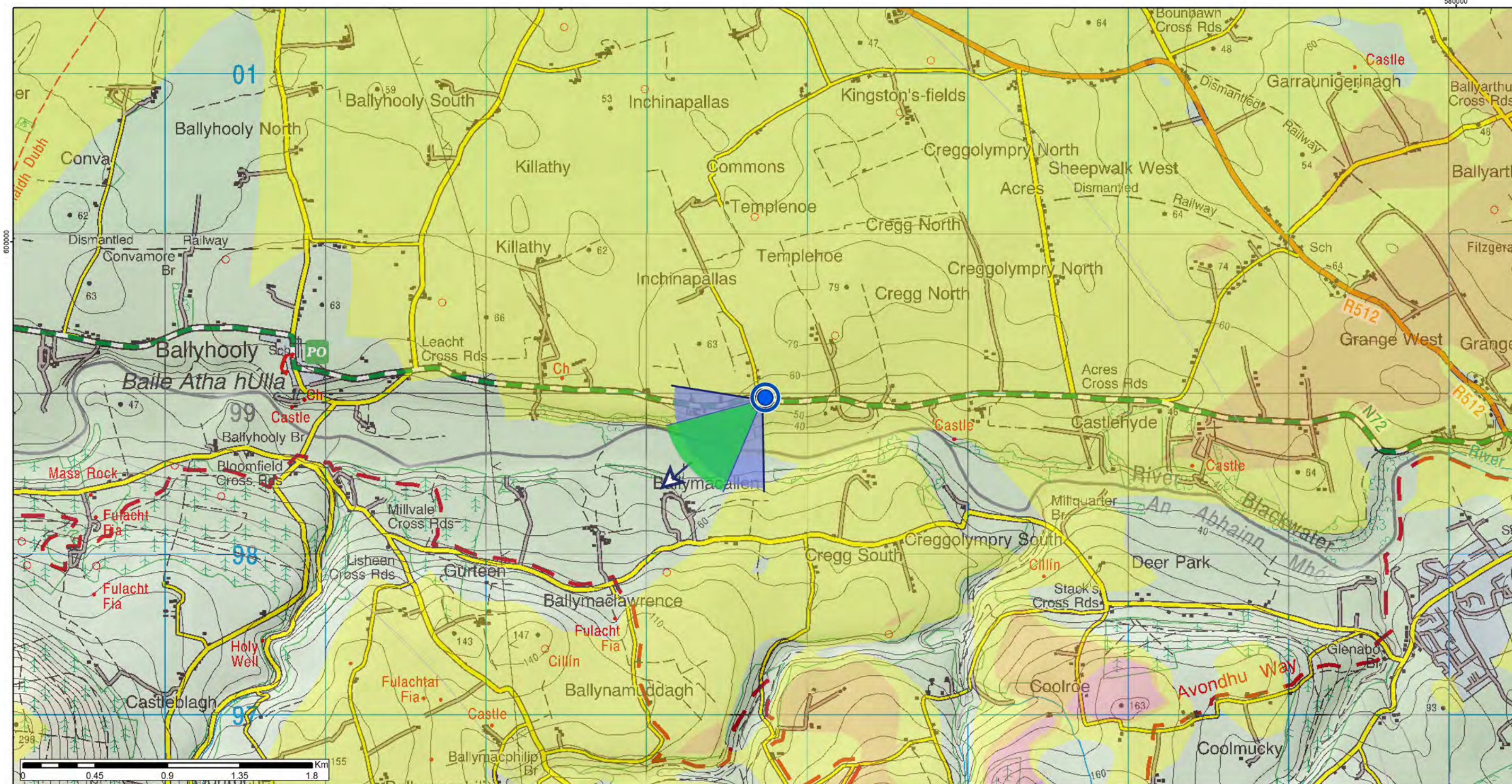


Context / Cumulative Wireframe View

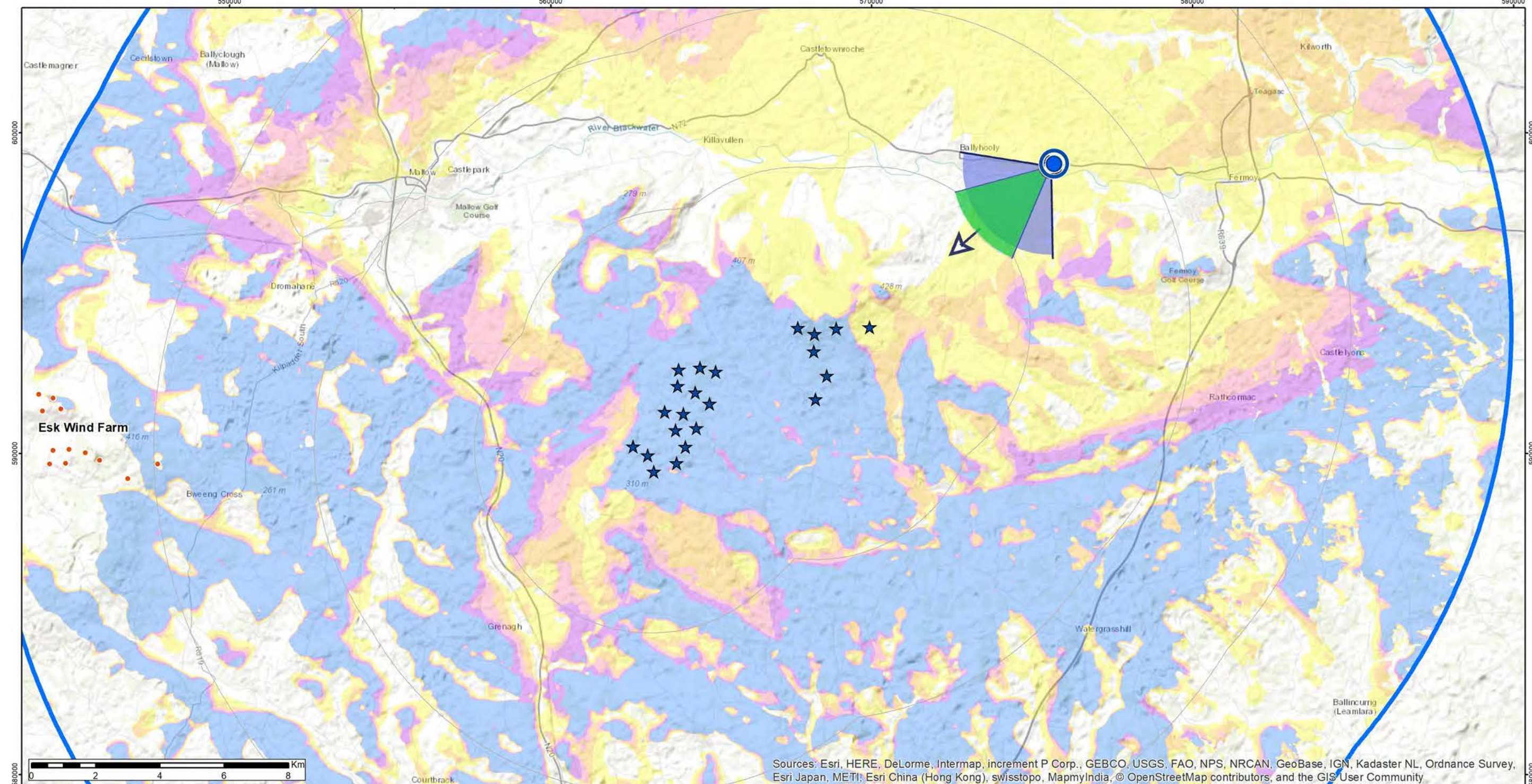
Coom turbines and infrastructure highlighted in blue



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Scale 1:125,000



Scale 1:25,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 575698.30
 Northing: 599032.43
 Elevation: 53.7 m

Photo Capture Information

Date: 01/11/2018
 Time: 11:32
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

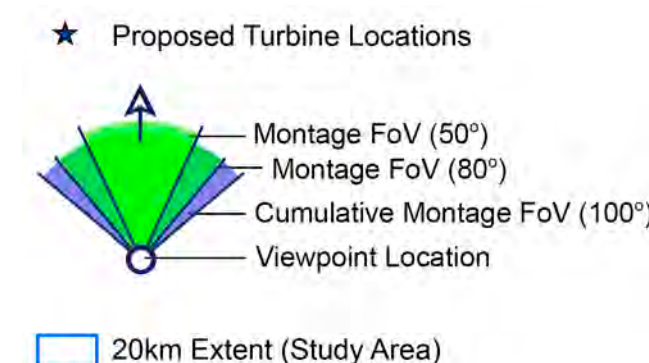
Visibility Information

Number of Nacelles Theoretically Visible: 1
 Number of Nacelles Actually Visible: 1
 Angle of View Theoretically Occupied by Turbines: 1.0°
 Angle of View Actually Occupied by Turbines: 1.0°
 Distance to Nearest Turbine: 7.7 km
 Distance to Nearest Visible Turbine: 7.7 km

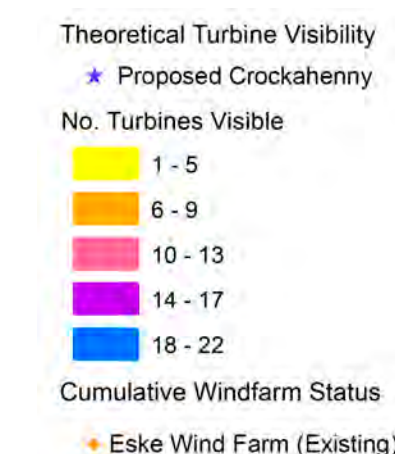
ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings



★ Proposed Turbine Locations



Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1



Existing View



Montage View

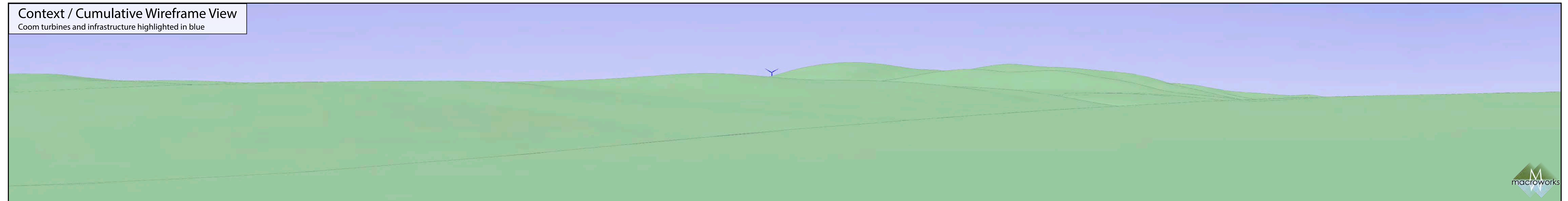


Context / Cumulative Montage View



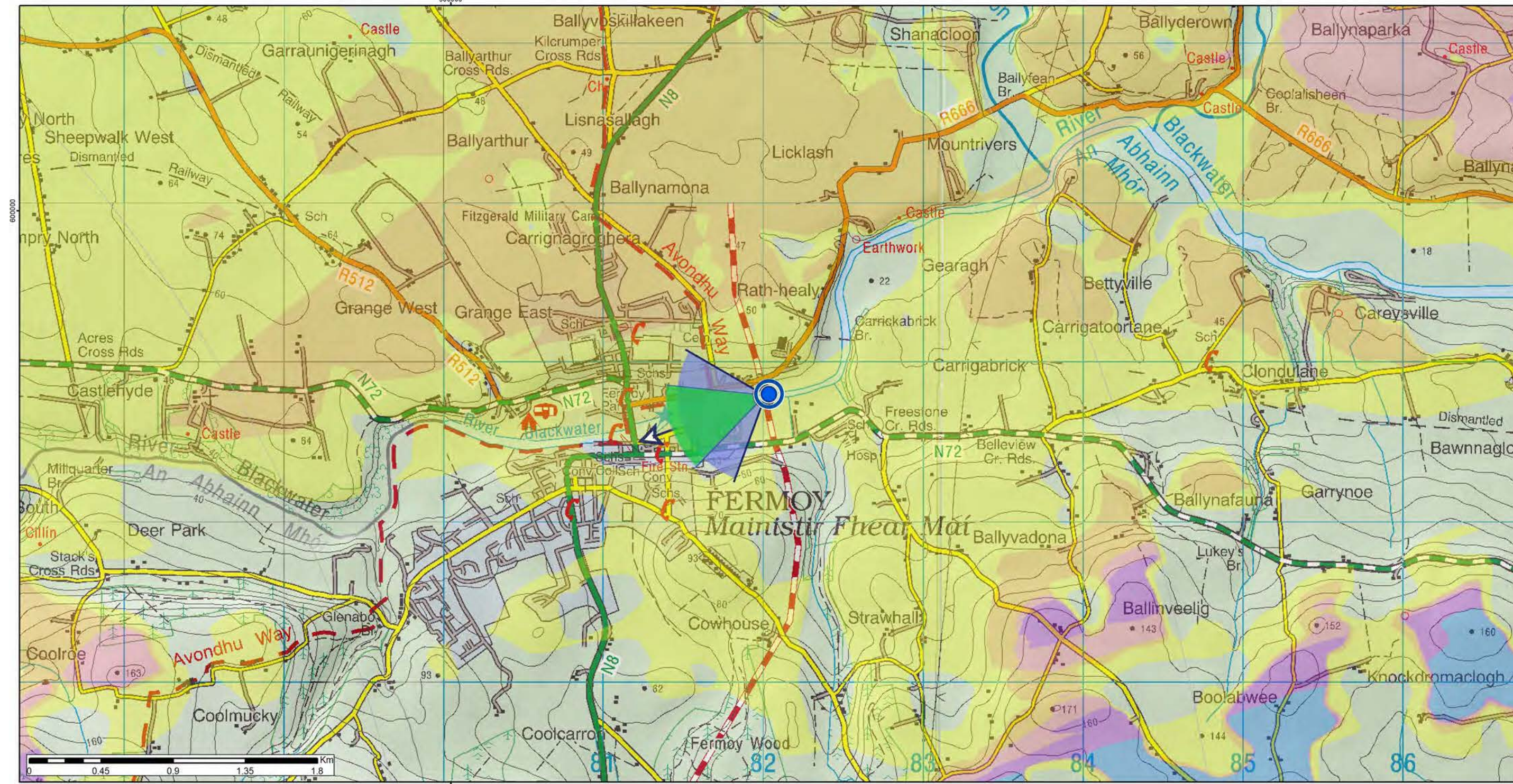
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular viewing distance of 35cm.

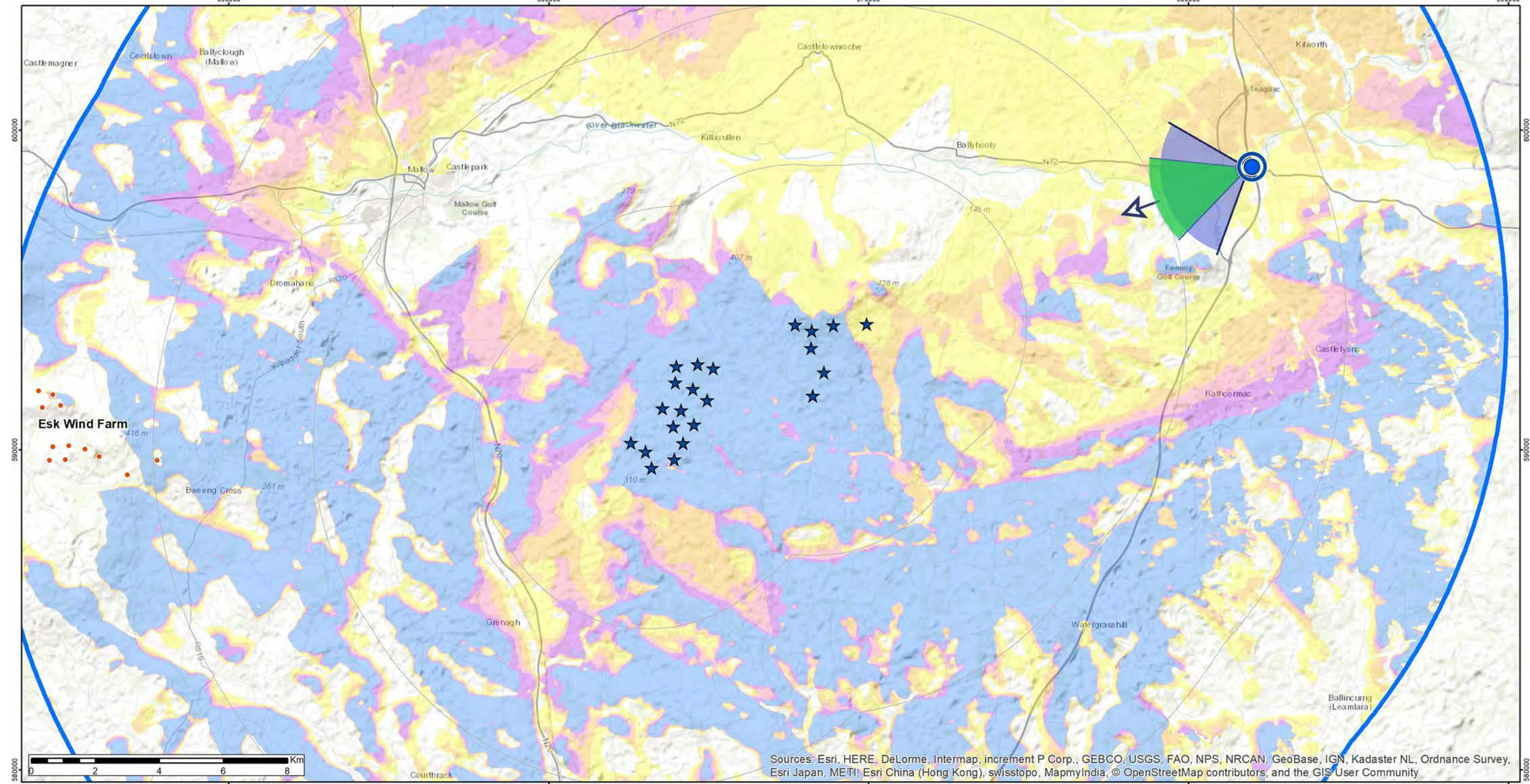
Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

M8 overbridge of River Blackwater

Viewpoint Ref: VP21



Scale 1:25,000

Positional Information

National Grid Cordinate (ITM)
 Easting: 581989.40
 Northing: 598856.59
 Elevation: 22.7 m

Photo Capture Information

Date: 05/10/2018
 Time: 16:23
 Camera: Canon 5D Mark II
 Lens / Focal Length: Fixed 50mm
 Camera Height: 1.7m (AGL)

Turbine Information

Turbine Dimensions
 Nacelle Height: 100.0 m
 Rotor Diameter: 138.0 m
 Tip Height: 169.0 m

Visibility Information

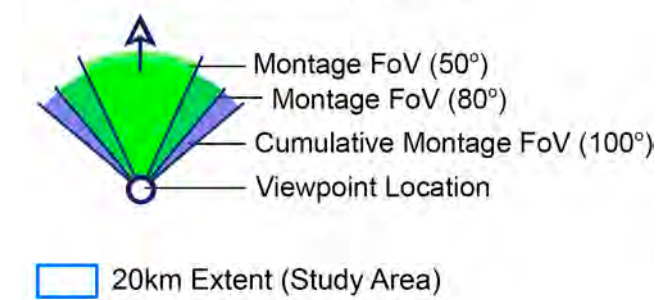
Number of Nacelles Theoretically Visible: 1
 Number of Nacelles Actually Visible: 0
 Angle of View Theoretically Occupied by Turbines: 2.2°
 Angle of View Actually Occupied by Turbines: 2.2°
 Distance to Nearest Turbine: 13 km
 Distance to Nearest Visible Turbine: 13 km

ZTV Parameters

Turbine Blade Tip Height: 169.0 m
 Observer Height - Eye Level: 1.7 m
 Height Data Source: OSI 10m DTM
 Height Data Resolution: 10m

DTM Height data does not account for non-landform features such as vegetation and buildings

Proposed Turbine Locations



Theoretical Turbine Visibility

★ Proposed Crockahenny
 No. Turbines Visible
 1 - 5 (Yellow)
 6 - 9 (Orange)
 10 - 13 (Red)
 14 - 17 (Purple)
 18 - 22 (Blue)
 Cumulative Windfarm Status
 ● Esker Wind Farm (Existing)

Pages to Follow for this Viewpoint

Existing & Montage Views: 1 of each
 Landscape Context Views: 1



Existing View



Montage View



Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue

