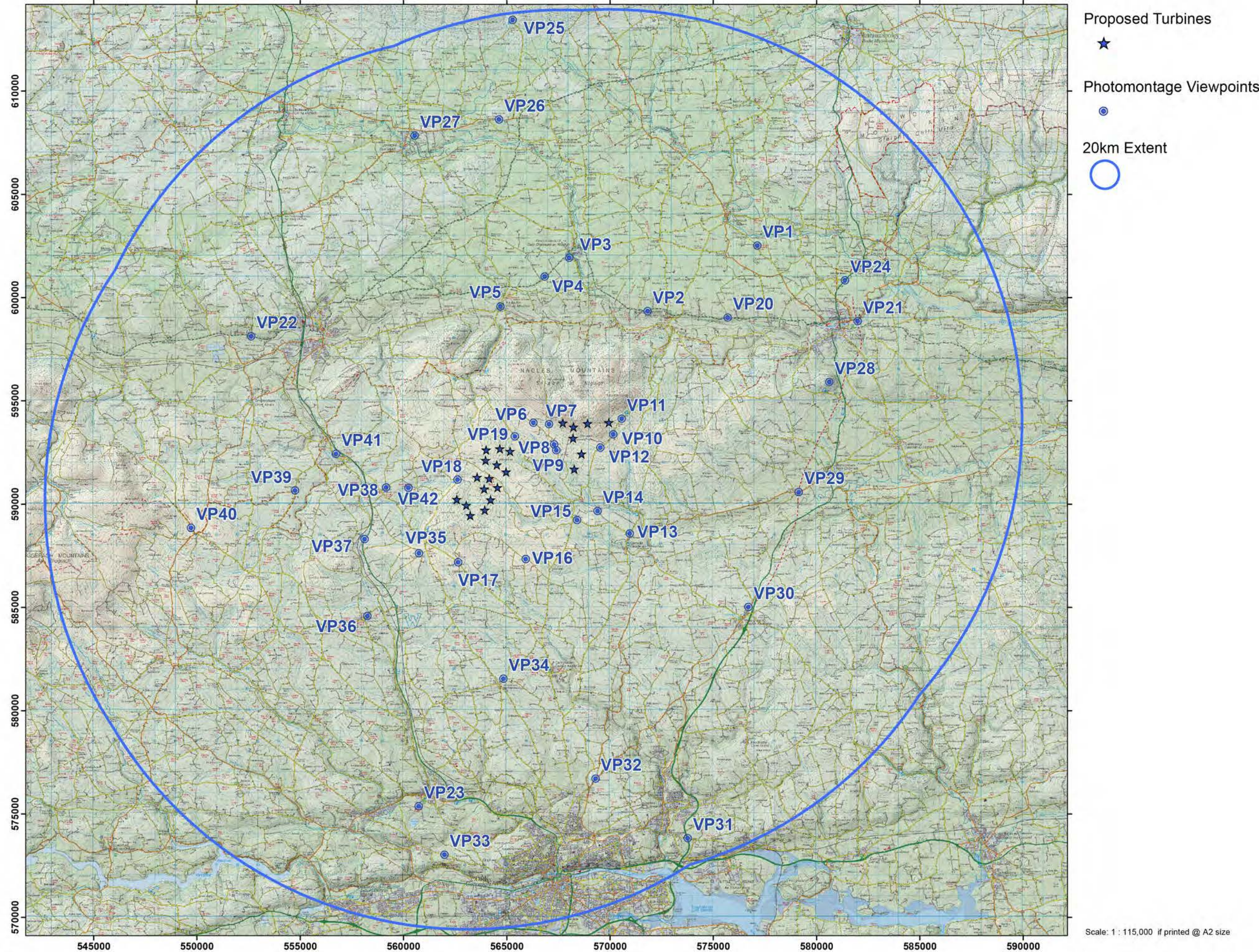


# Coom Wind Farm

LVIA Viewpoint Photomontages  
Book 2

December 2020

**VP Map**



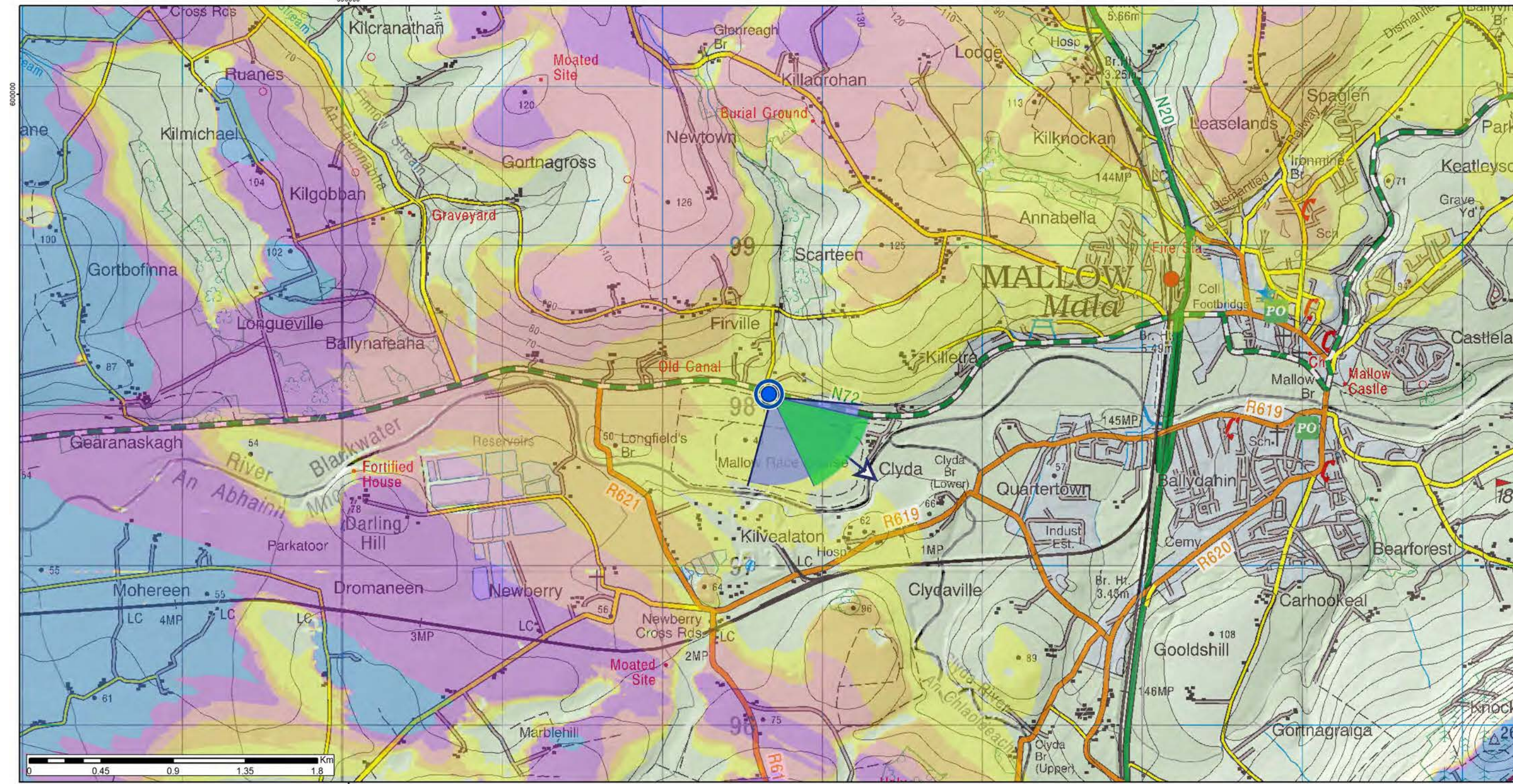
Scale: 1 : 115,000 if printed @ A2 size



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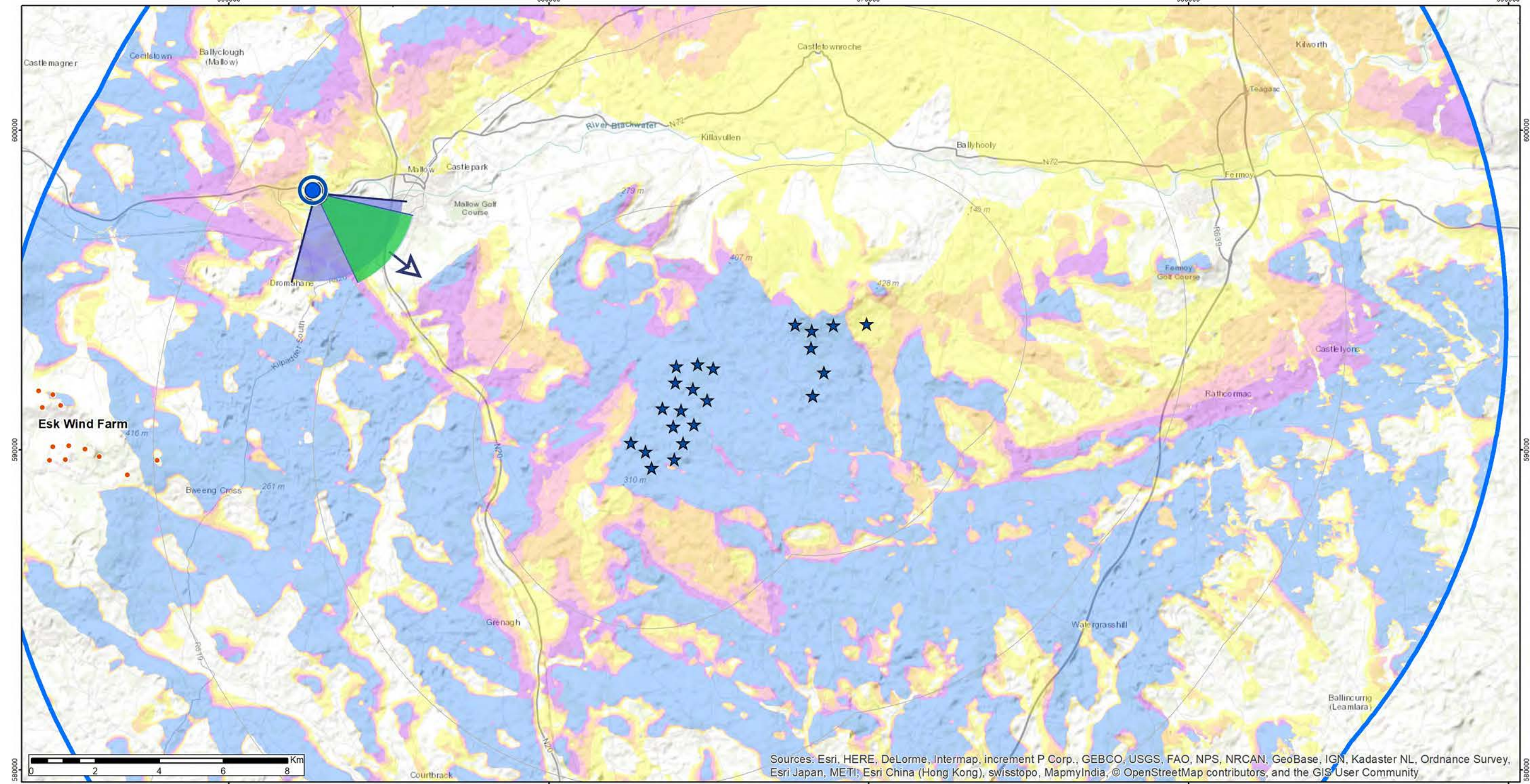
# Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

# N72 west of Mallow

# Viewpoint Ref: VP22



Scale 1:25,000

### Positional Information

National Grid Cordinate (ITM)  
 Easting: 552629.41  
 Northing: 598127.96  
 Elevation: 50.3 m

### Photo Capture Information

Date: 01/11/2018  
 Time: 15:09  
 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

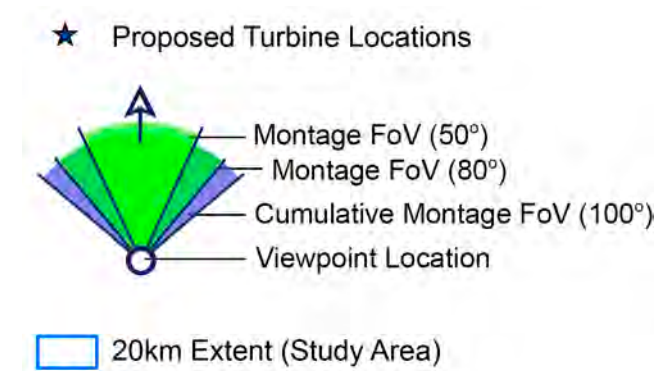
### Visibility Information

Number of Nacelles Theoretically Visible: 0  
 Number of Nacelles Actually Visible: 0  
 Angle of View Theoretically Occupied by Turbines: 1.5°  
 Angle of View Actually Occupied by Turbines: 0.3°  
 Distance to Nearest Turbine: 12.7 km  
 Distance to Nearest Visible Turbine: 12.7 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

- Eske 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



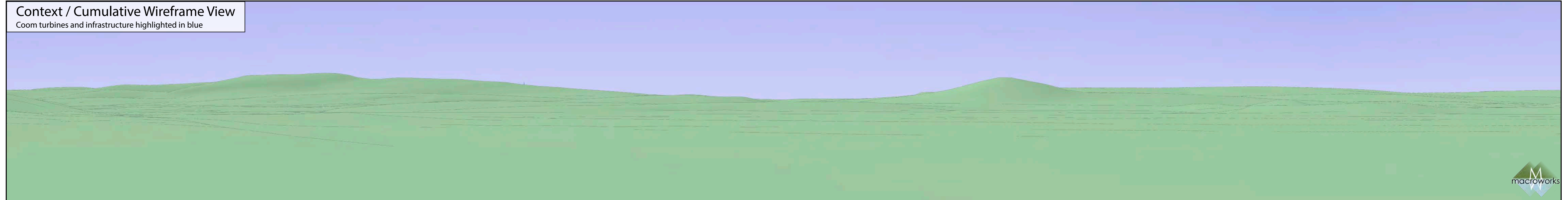
This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Context / Cumulative Montage View

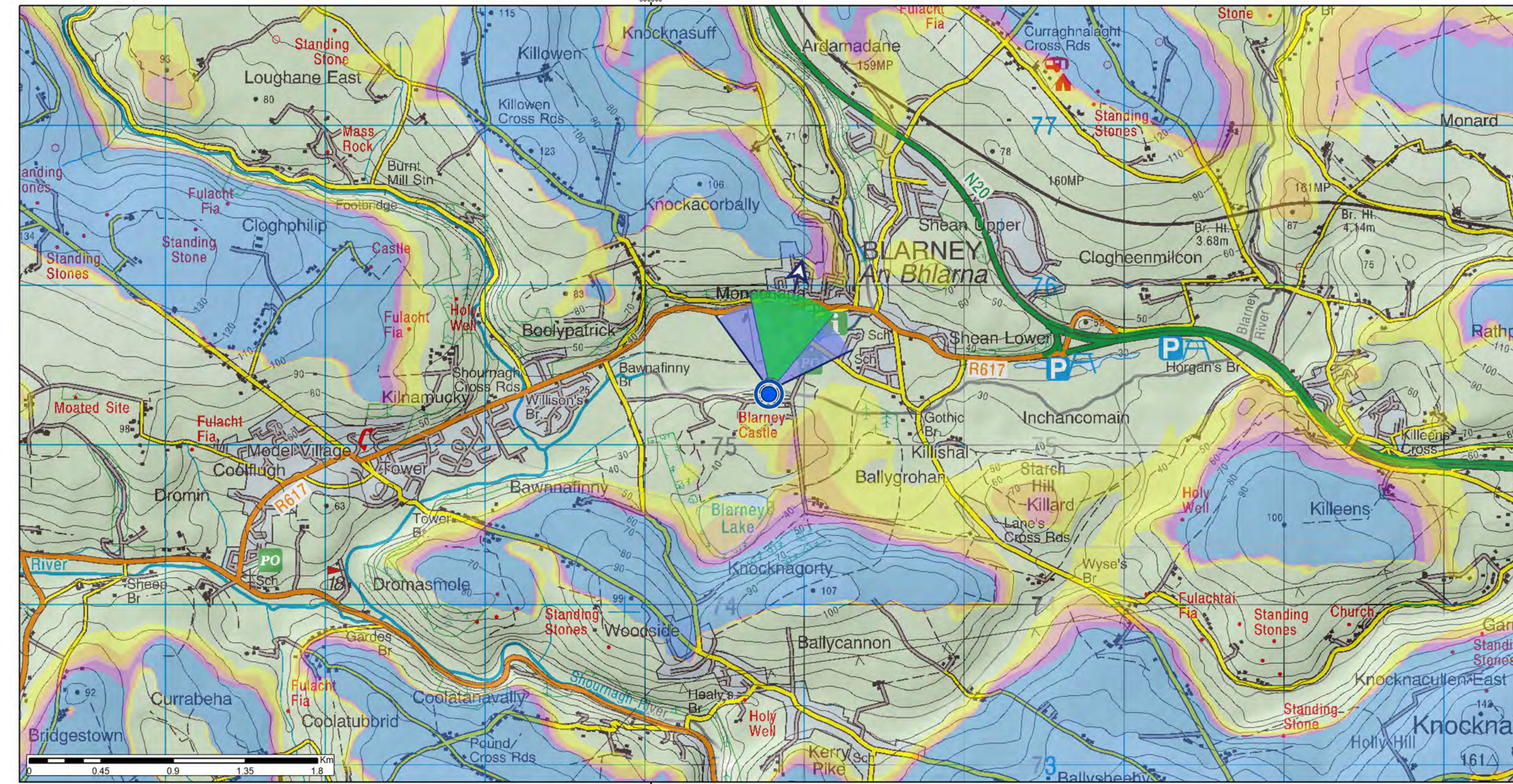


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



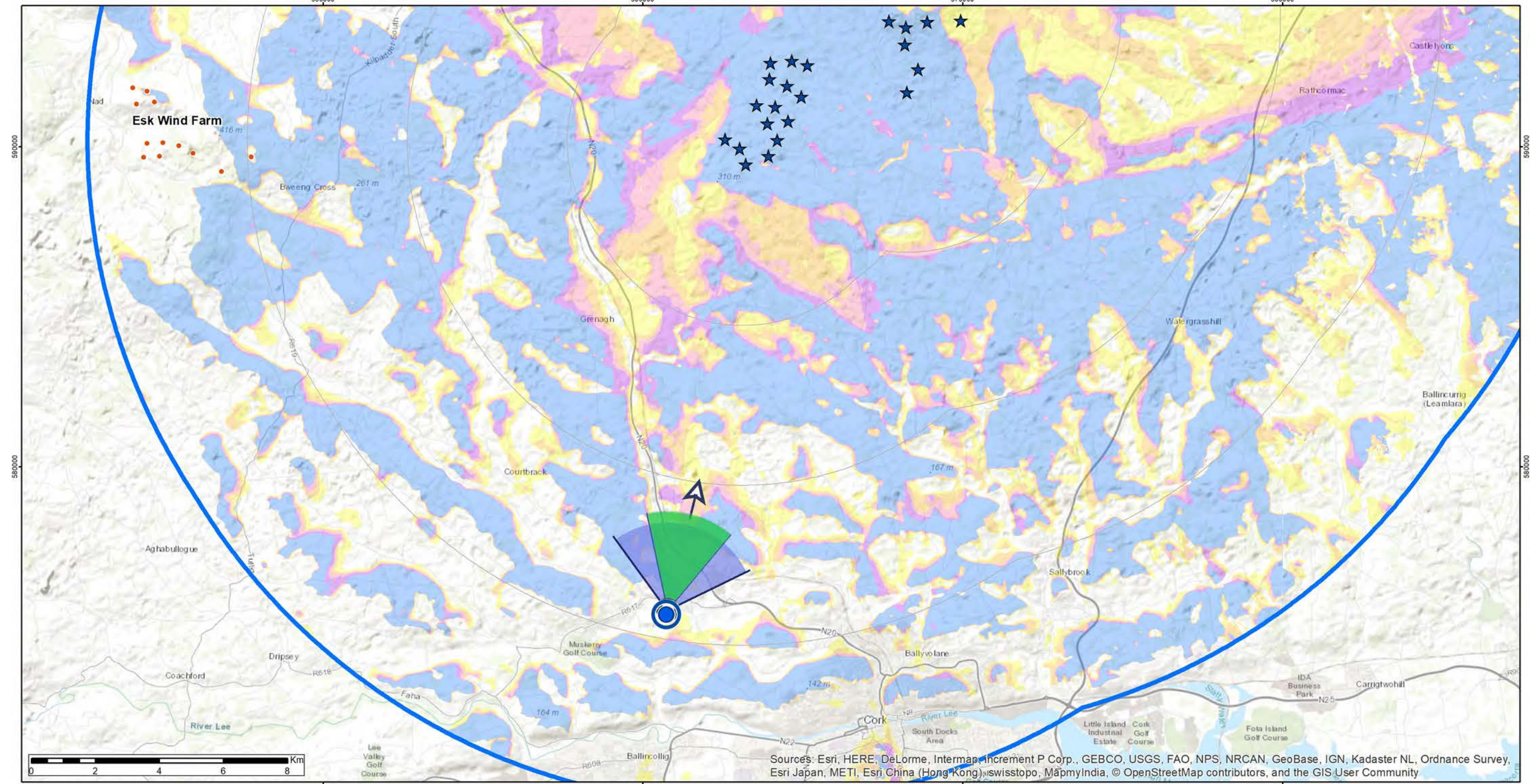
# Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

# Blarney Castle

Viewpoint Ref: VP23



Scale 1:25,000

### Positional Information

National Grid Cordinate (ITM)  
 Easting: 560737.45  
 Northing: 575380.16  
 Elevation: 39.5 m

### Photo Capture Information

Date: 30/11/2018  
 Time: 11:37  
 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

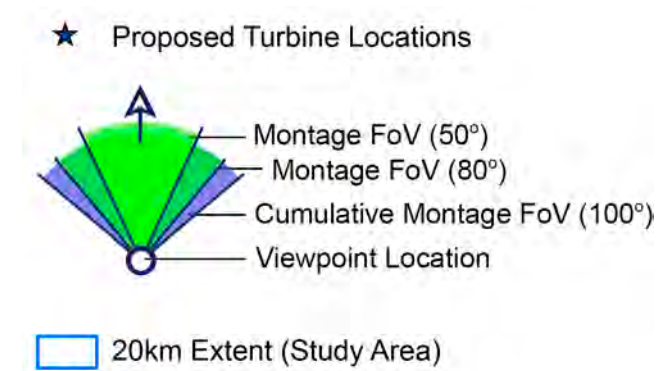
### Visibility Information

Number of Nacelles Theoretically Visible: 9  
 Number of Nacelles Actually Visible: 1  
 Angle of View Theoretically Occupied by Turbines: 16.9°  
 Angle of View Actually Occupied by Turbines: 15.3°  
 Distance to Nearest Turbine: 14 km  
 Distance to Nearest Visible Turbine: 14 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  
 ★ 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: 1 of each  
 Landscape Context Views: 1



Existing View





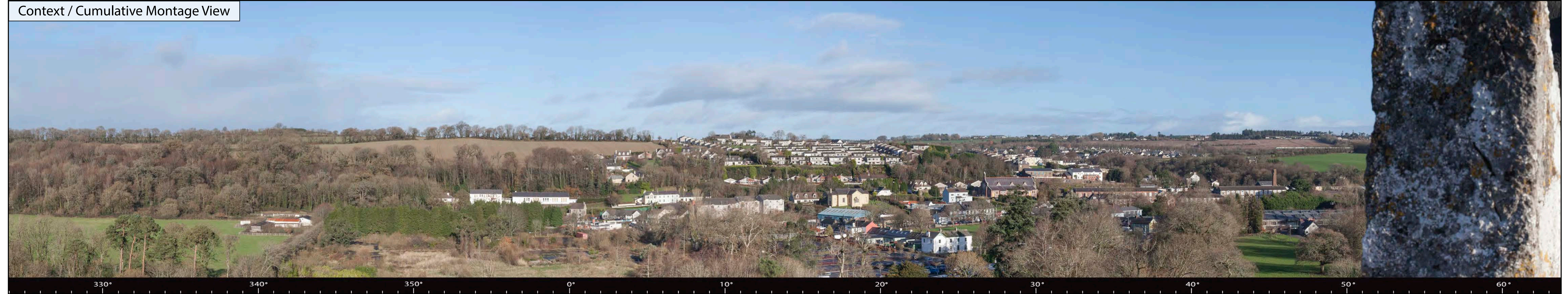
Montage View



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

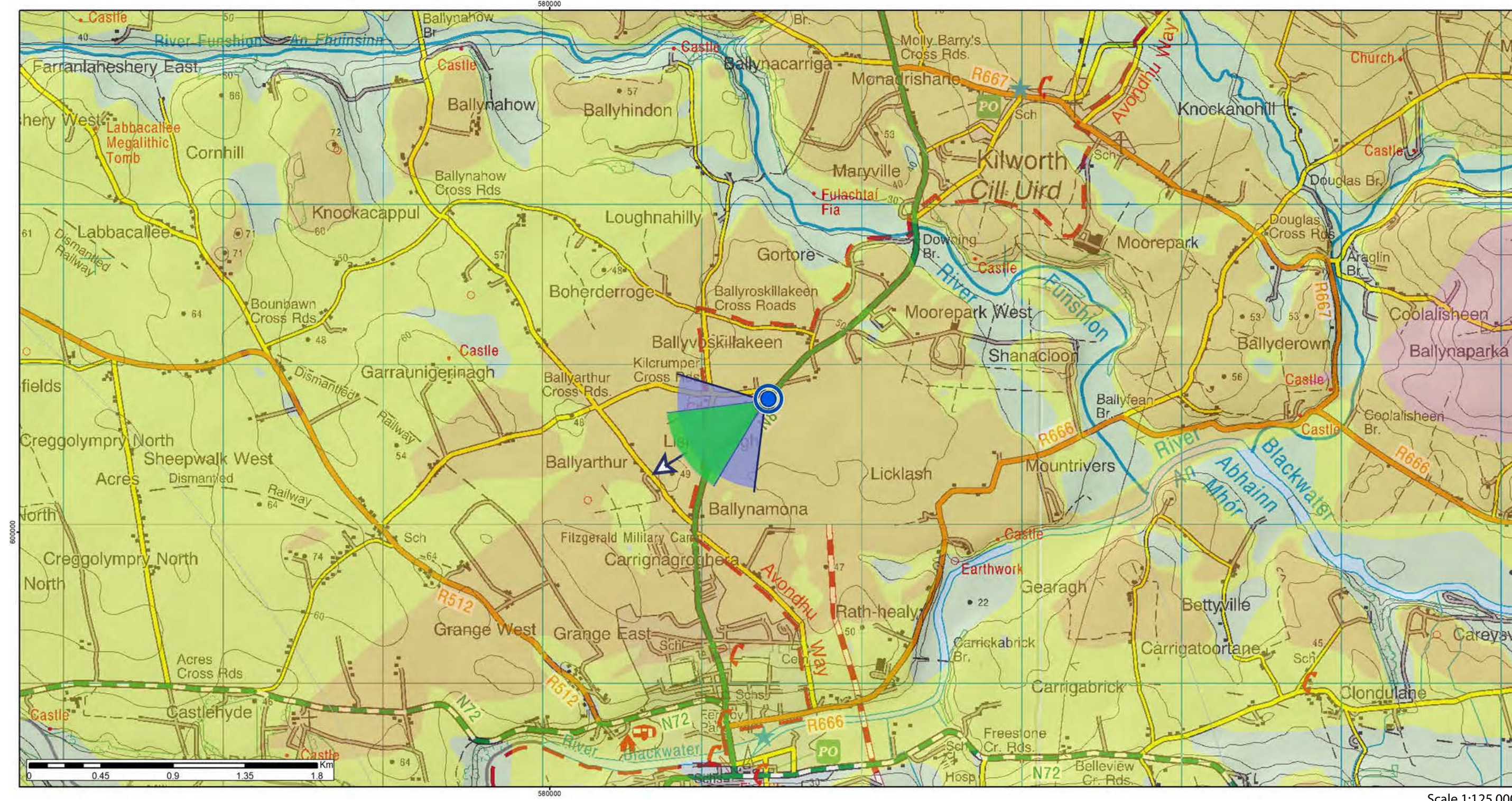
Coom turbines and infrastructure highlighted in blue



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.

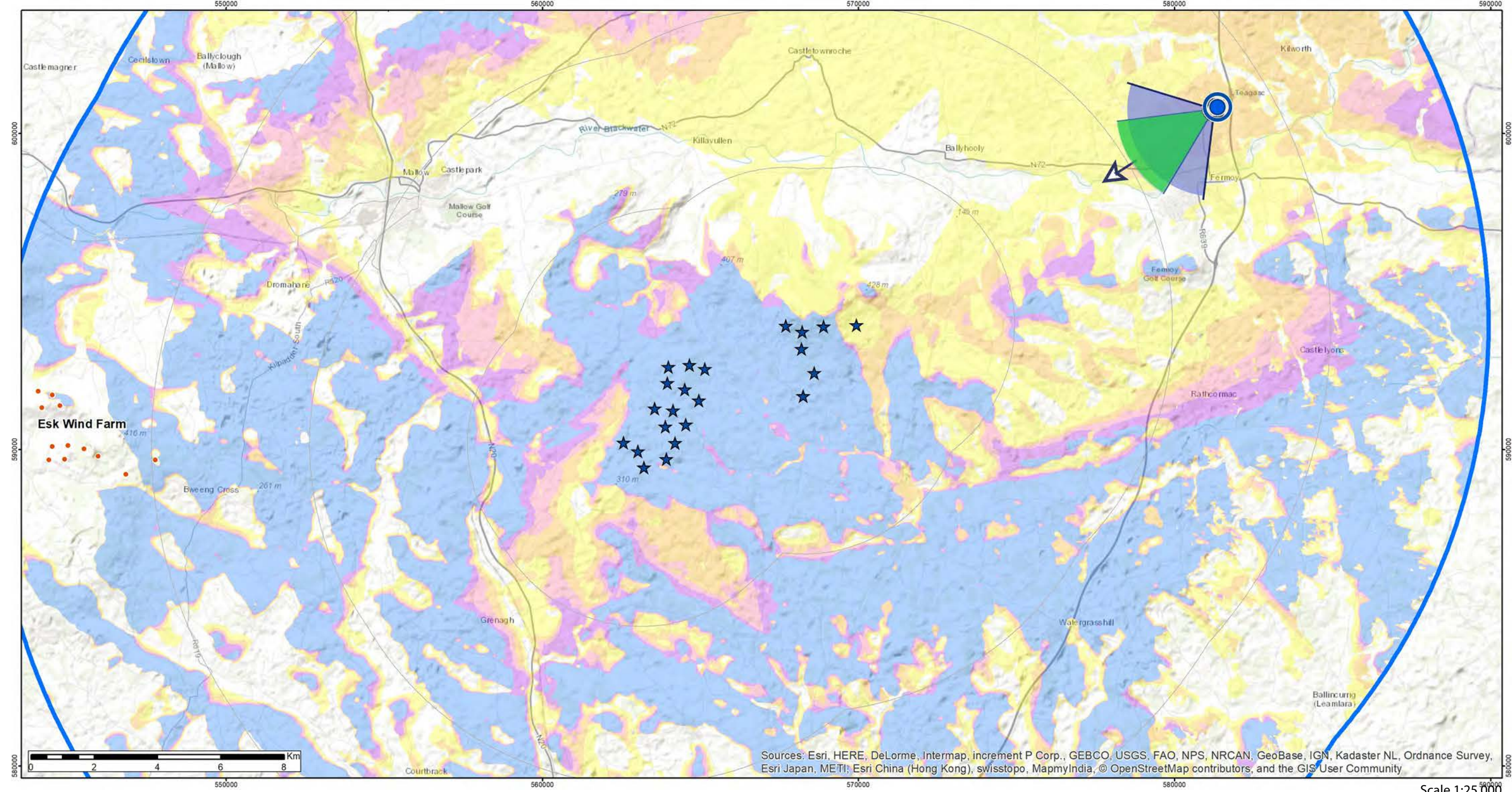


# Coom Green Energy Park - Landscape and Visual Impact Assessment



# R639 north of Fermoy

# Viewpoint Ref: VP24



### Positional Information

National Grid Cordinate (ITM)  
 Easting: 581369.16  
 Northing: 600836.32  
 Elevation: 54.8 m

### Photo Capture Information

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

### Turbine Information

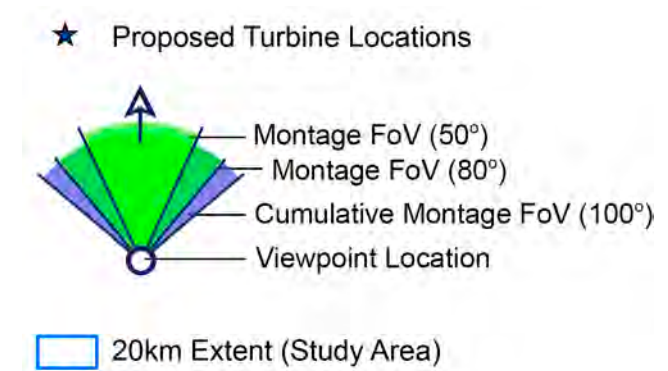
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

### Visibility Information

Number of Nacelles Theoretically Visible: 3  
 Number of Nacelles Actually Visible: 3  
 Angle of View Theoretically Occupied by Turbines: 8.3°  
 Angle of View Actually Occupied by Turbines: 8.3°  
 Distance to Nearest Turbine: 13.3 km  
 Distance to Nearest Visible Turbine: 13.3 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



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: 1 of each  
 Landscape Context Views: 1



Existing View



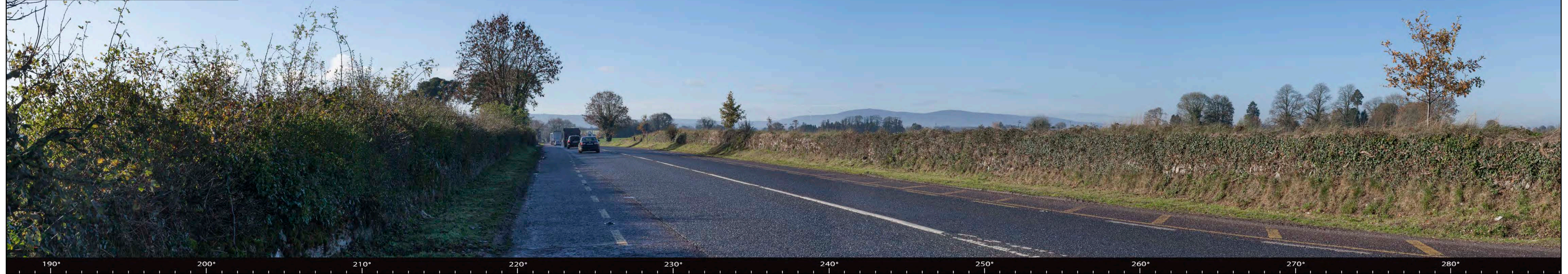
This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).



Montage View



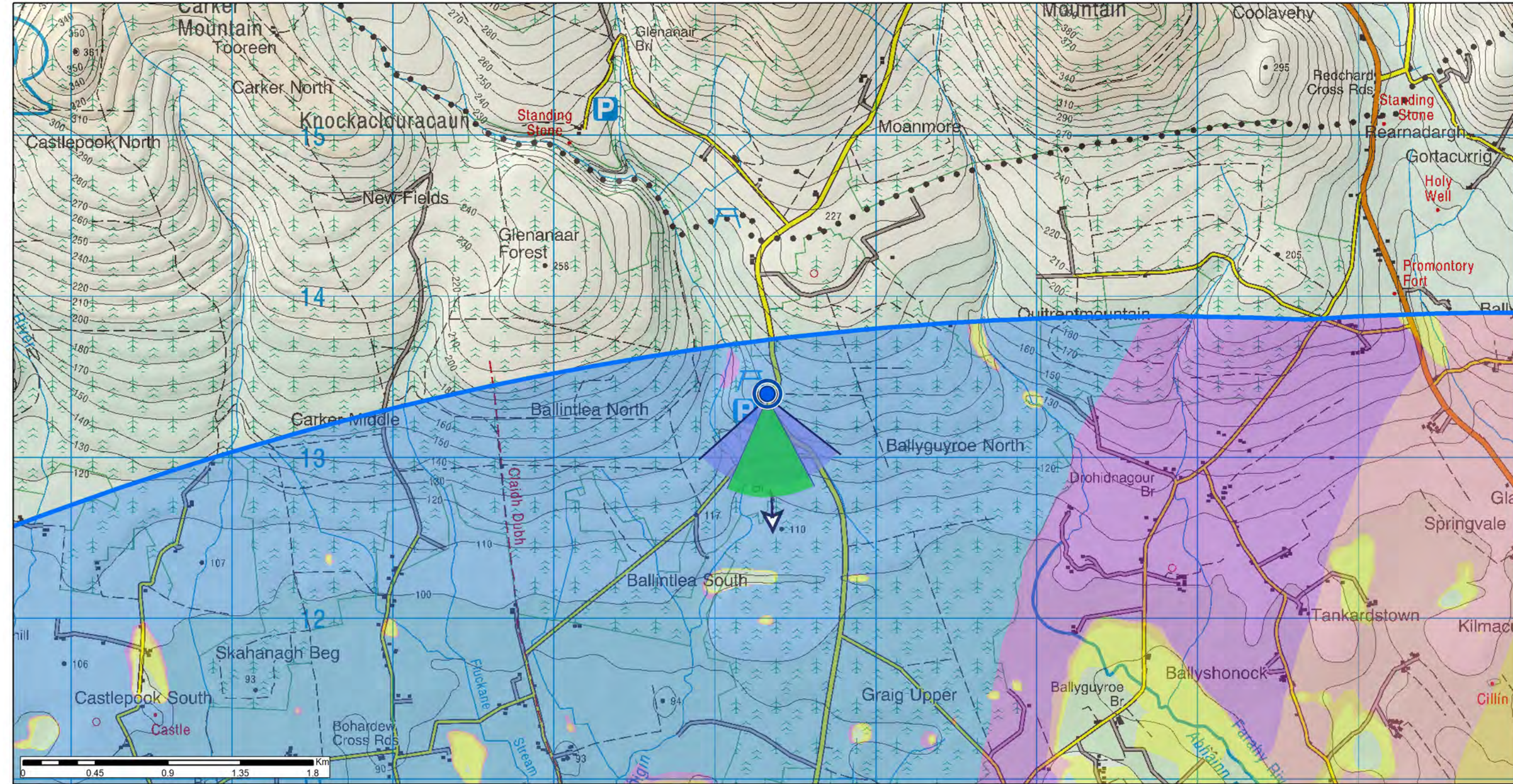
Context / Cumulative Montage View



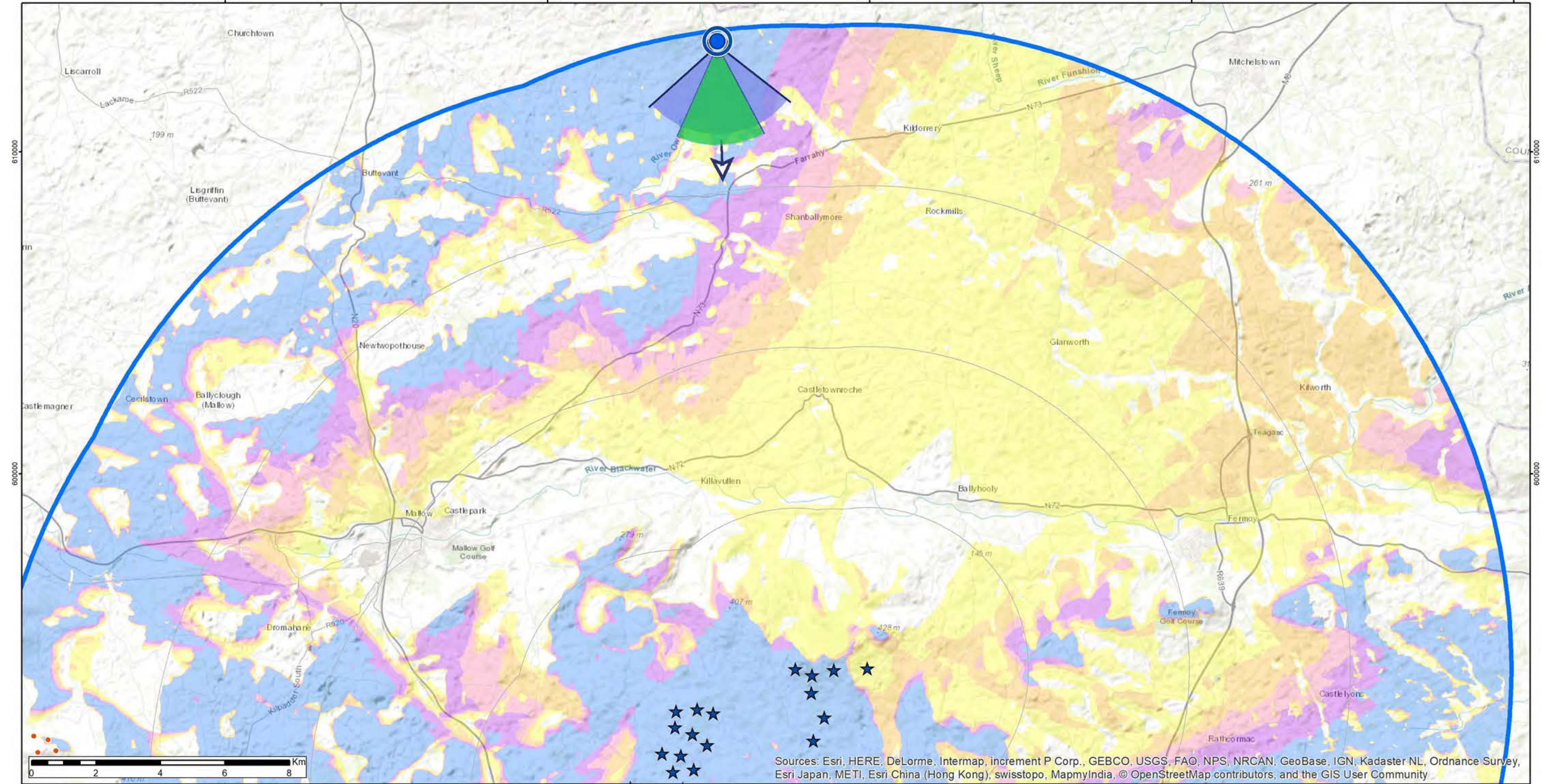
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue





Scale 1:125,000



Scale 1:25,000

**Positional Information**

National Grid Cordinate (ITM)  
 Easting: 565286.71  
 Northing: 613446.72  
 Elevation: 157.1 m

**Photo Capture Information**

Date: 01/11/2018  
 Time: 14:10  
 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**

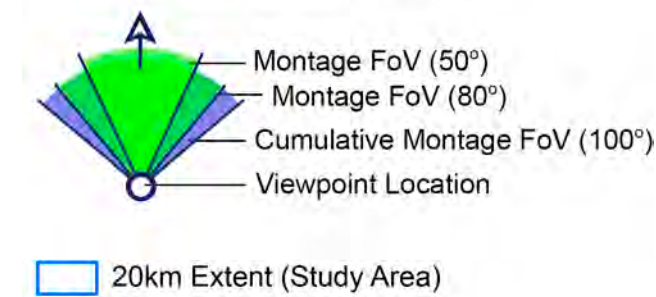
Number of Nacelles Theoretically Visible: 14  
 Number of Nacelles Actually Visible: 3  
 Angle of View Theoretically Occupied by Turbines: 20.3°  
 Angle of View Actually Occupied by Turbines: 7.1°  
 Distance to Nearest Turbine: 19.7 km  
 Distance to Nearest Visible Turbine: 19.7 km

**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  
 ★ Eske 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).

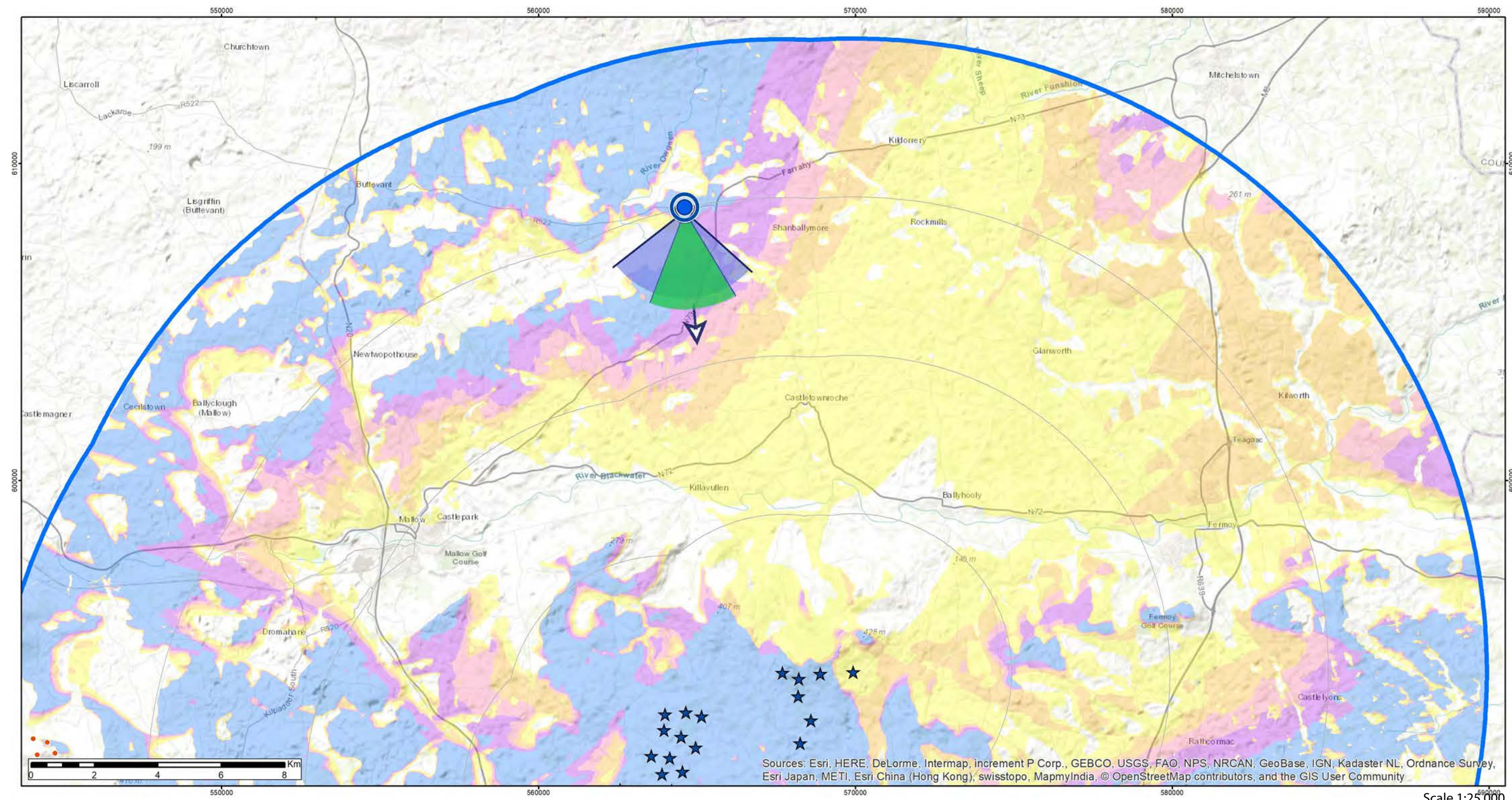
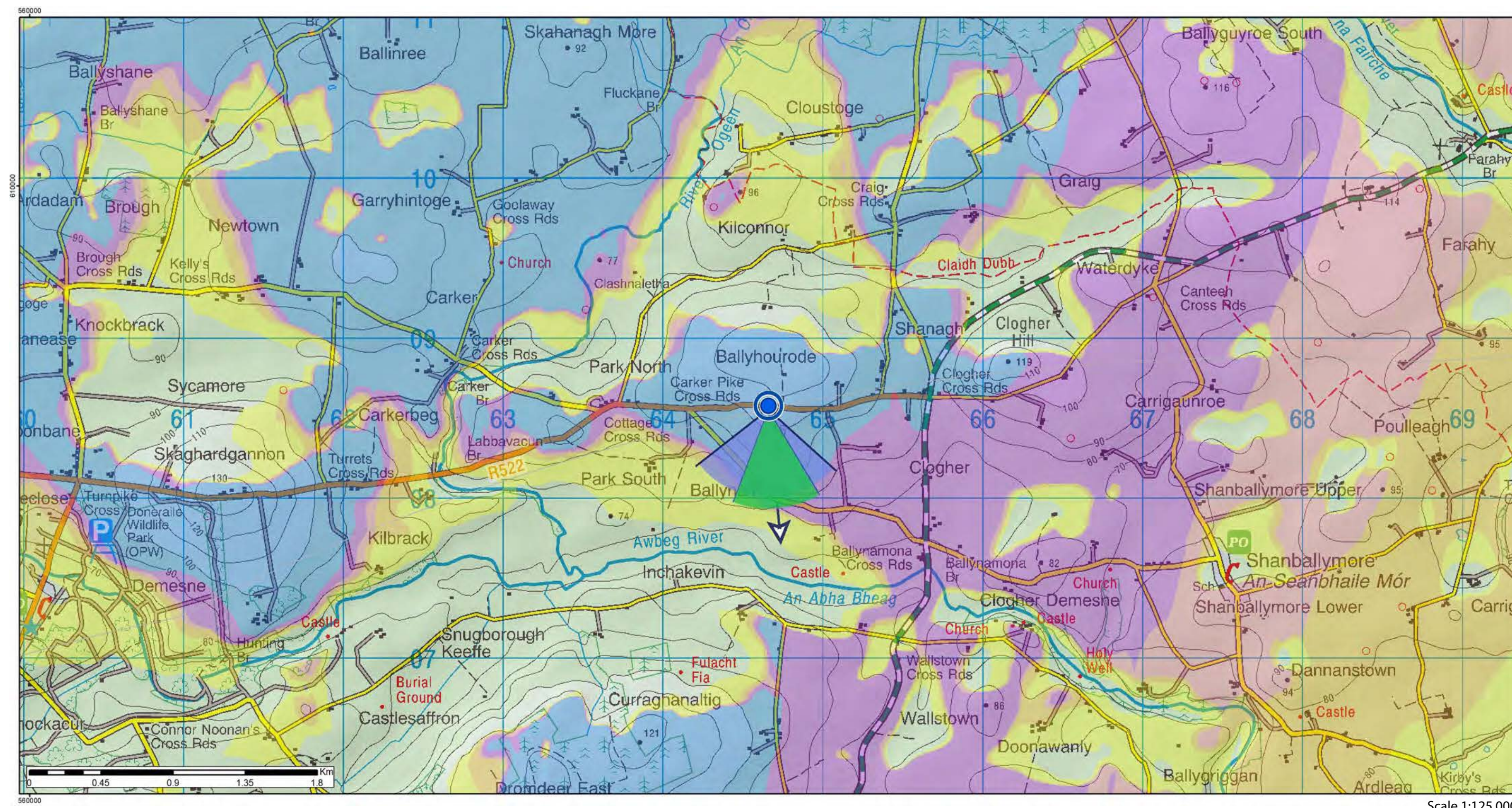
Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue





**Positional Information**

National Grid Cordinate (ITM)  
 Easting: 564619.50  
 Northing: 608628.35  
 Elevation: 106.9 m

**Photo Capture Information**

Date: 01/11/2018  
 Time: 14:19  
 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**

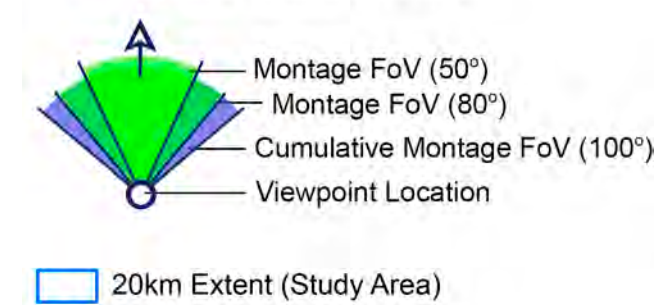
Number of Nacelles Theoretically Visible: 9  
 Number of Nacelles Actually Visible: 7  
 Angle of View Theoretically Occupied by Turbines: 22.9°  
 Angle of View Actually Occupied by Turbines: 22.9°  
 Distance to Nearest Turbine: 15 km  
 Distance to Nearest Visible Turbine: 15 km

**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
- 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: 1



Existing View



Montage View



Context / Cumulative Montage View



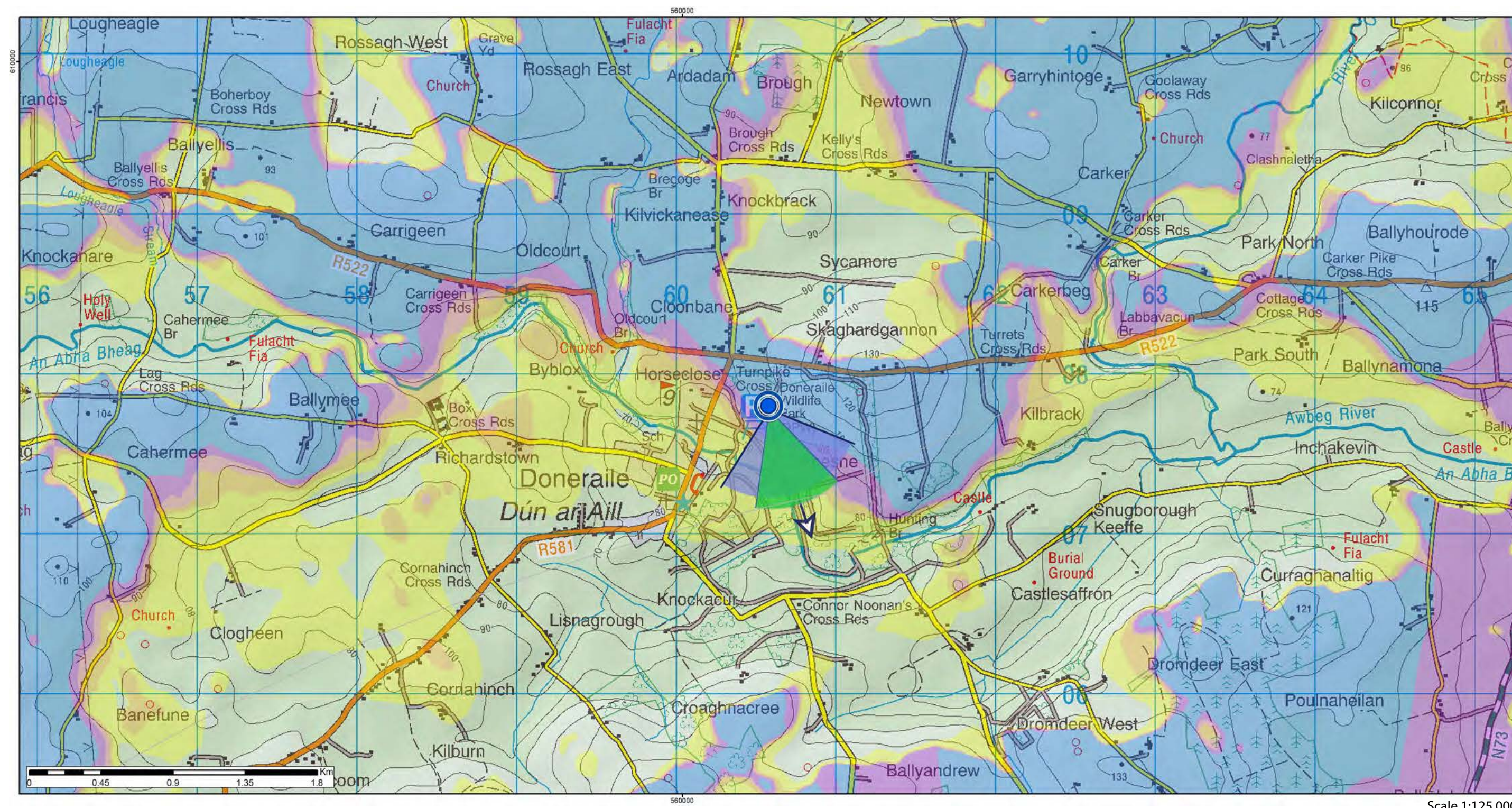
Context / Cumulative Wireframe View

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

### Positional Information

National Grid Cordinate (ITM)  
 Easting: 560538.84  
 Northing: 607850.96  
 Elevation: 97.0 m

### Photo Capture Information

Date: 01/11/2018  
 Time: 14:38  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

### Turbine Information

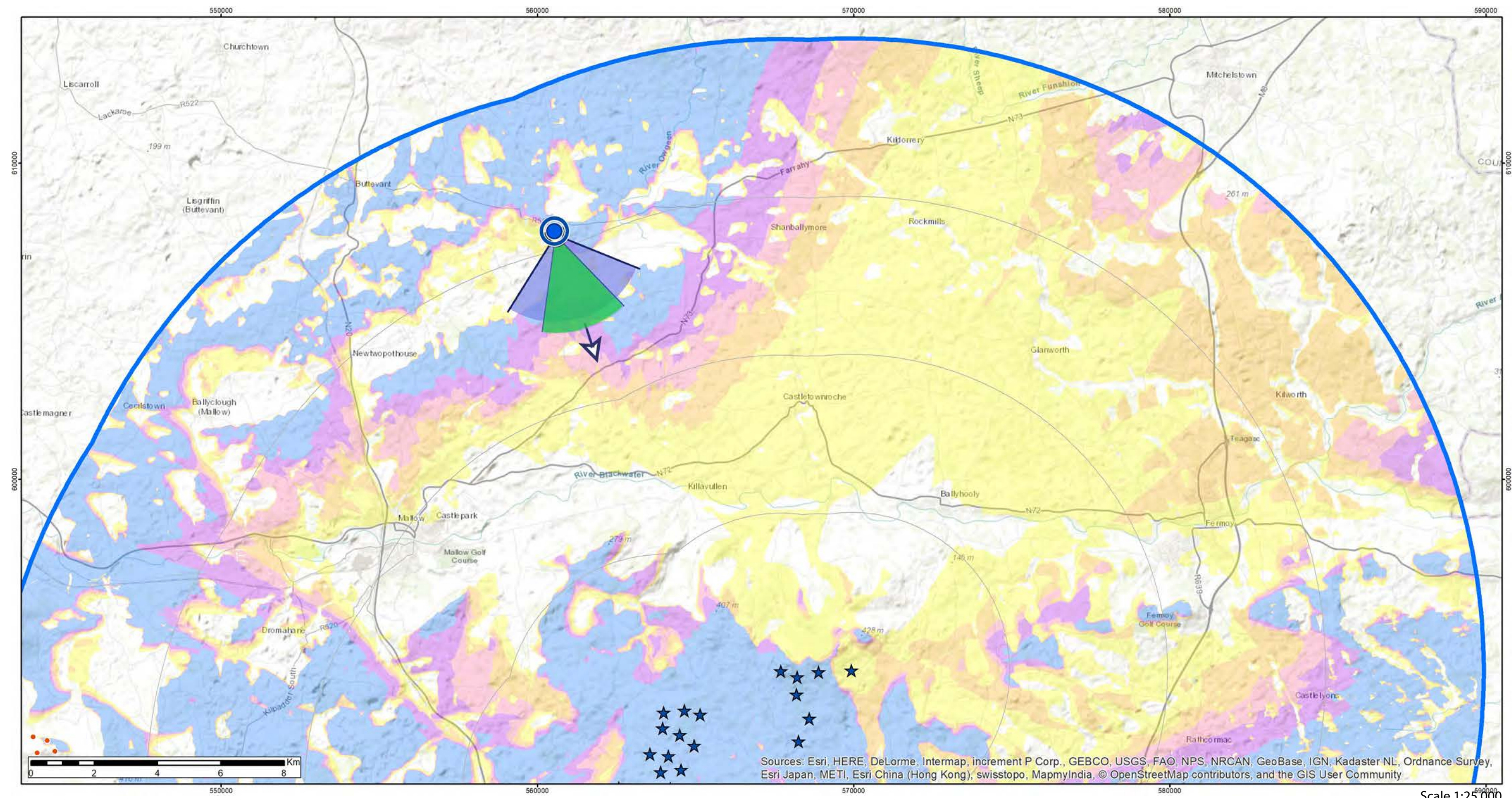
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

### Visibility Information

Number of Nacelles Theoretically Visible: 8  
 Number of Nacelles Actually Visible: 3  
 Angle of View Theoretically Occupied by Turbines: 27.4°  
 Angle of View Actually Occupied by Turbines: 27.4°  
 Distance to Nearest Turbine: 15.6 km  
 Distance to Nearest Visible Turbine: 15.6 km

# Doneraile Wildlife Park

Viewpoint Ref: VP27

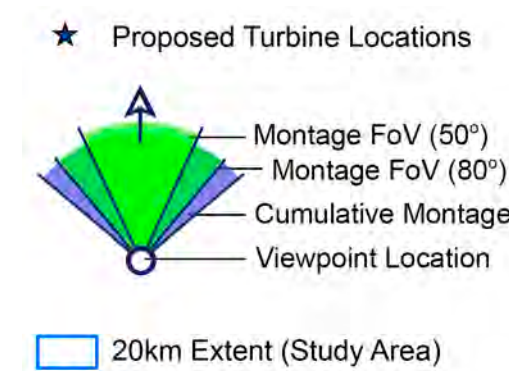


Scale 1:25,000

### 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 (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: 1 of each  
 Landscape Context Views: 1



Existing View





Montage View

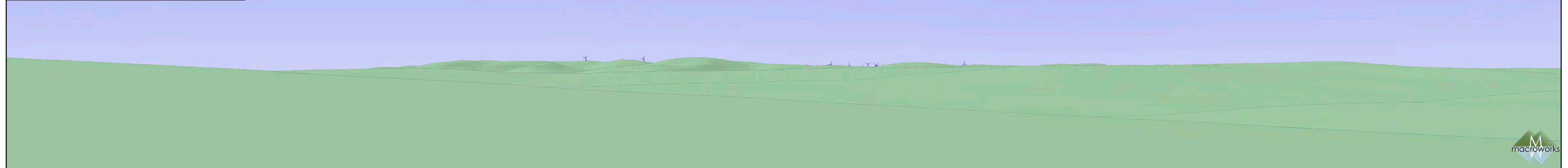


Context / Cumulative Montage View



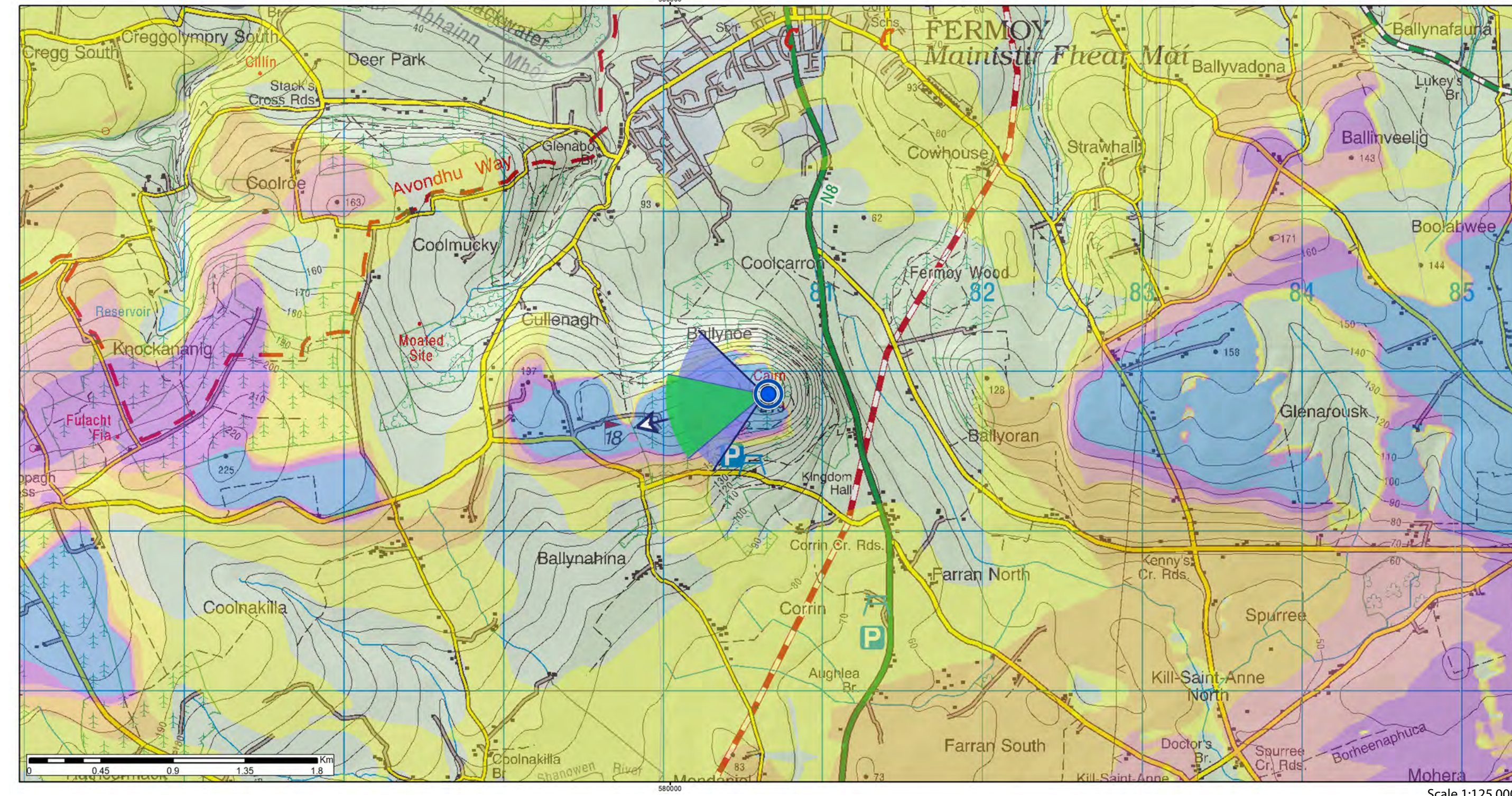
Context / Cumulative Wireframe View

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

### Positional Information

National Grid Cordinate (ITM)  
 Easting: 580614.87  
 Northing: 595914.39  
 Elevation: 210.9 m

### Photo Capture Information

Date: 20/11/2018  
 Time: 10:56  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

### Turbine Information

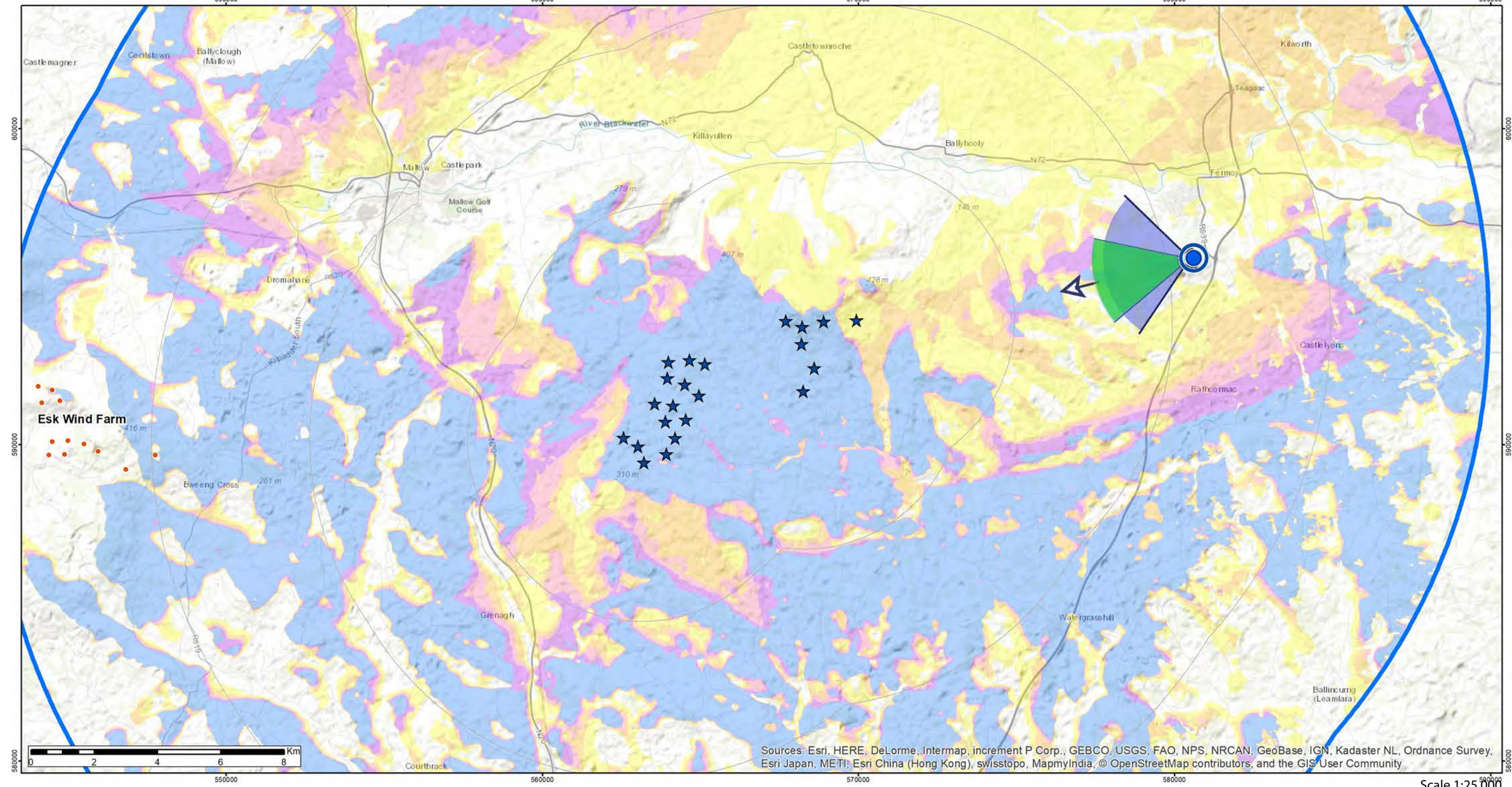
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

### Visibility Information

Number of Nacelles Theoretically Visible: 13  
 Number of Nacelles Actually Visible: 13  
 Angle of View Theoretically Occupied by Turbines: 12.2°  
 Angle of View Actually Occupied by Turbines: 12.2°  
 Distance to Nearest Turbine: 10.9 km  
 Distance to Nearest Visible Turbine: 10.9 km

# Corrin Wood – Coillte Recreational Trail

# Viewpoint Ref: VP28

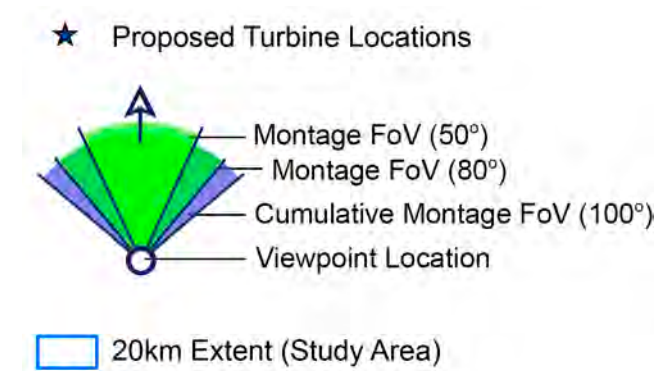


Scale 1:25,000

### 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

- ★ Esk 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

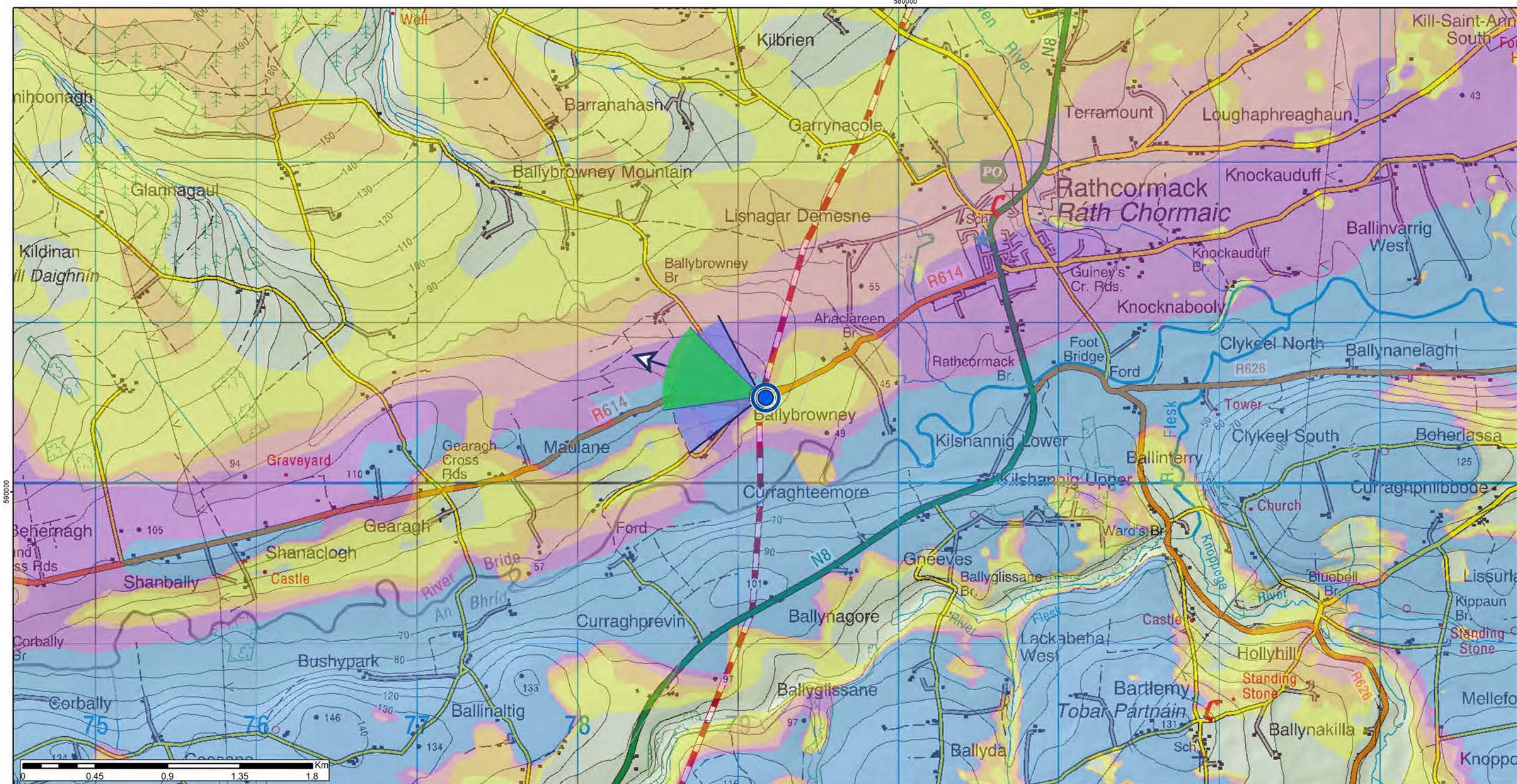


Context / Cumulative Wireframe View

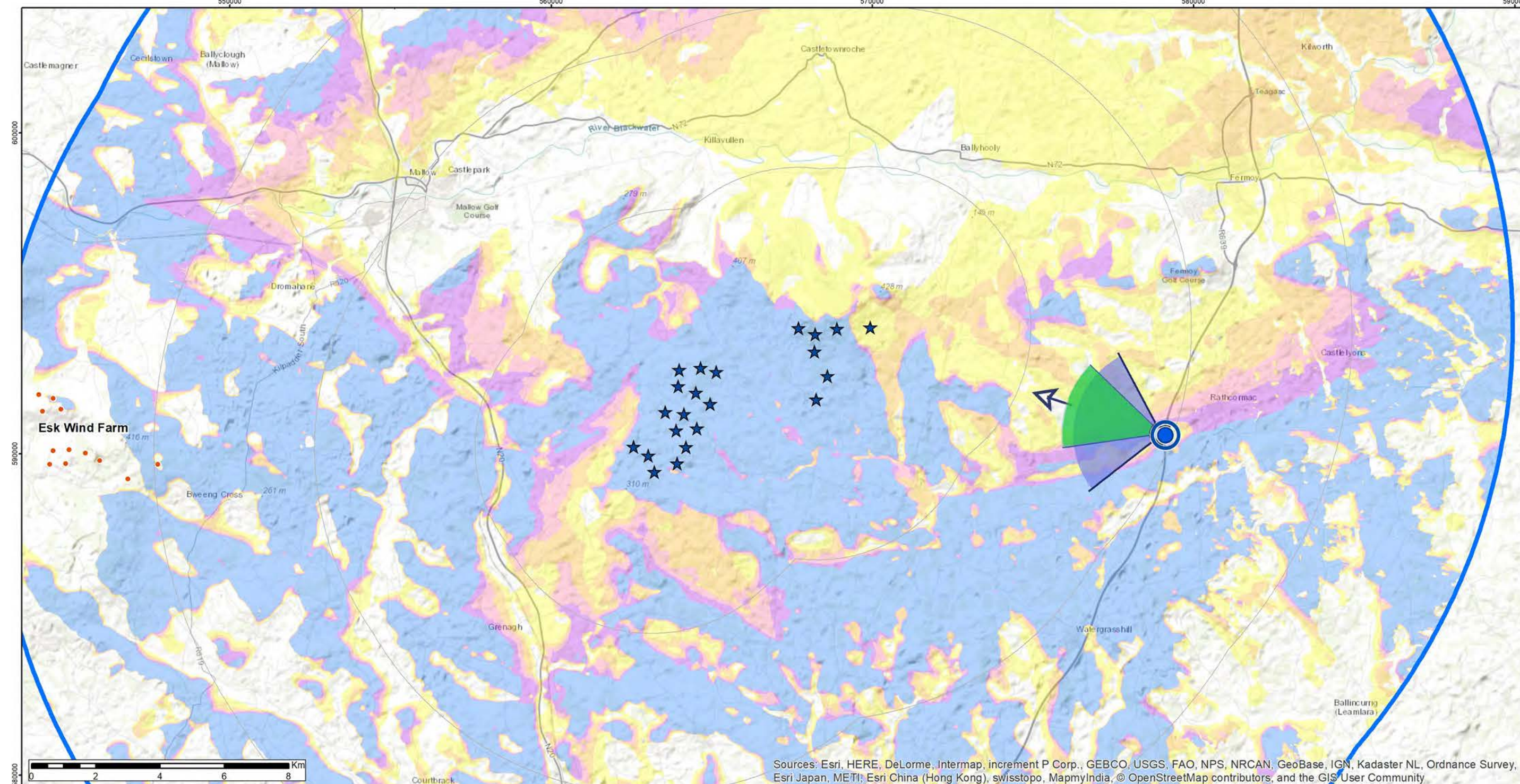
Coom turbines and infrastructure highlighted in blue



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Scale 1:125,000



Scale 1:25,000

**Positional Information**

National Grid Cordinate (ITM)  
 Easting: 579129.69  
 Northing: 590588.81  
 Elevation: 65.6 m

**Photo Capture Information**

Date: 20/11/2018  
 Time: 11:21  
 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

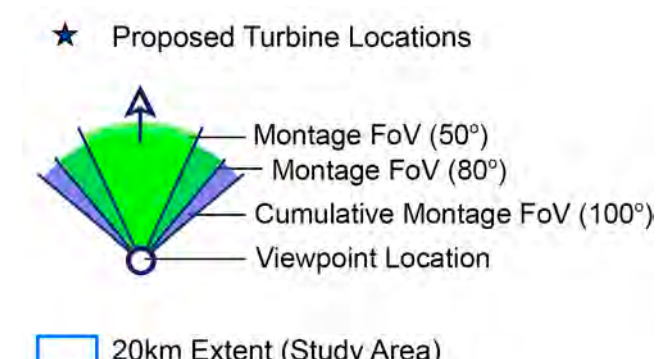
**Visibility Information**

Number of Nacelles Theoretically Visible: 2  
 Number of Nacelles Actually Visible: 0  
 Angle of View Theoretically Occupied by Turbines: 4.7°  
 Angle of View Actually Occupied by Turbines: 0.7°  
 Distance to Nearest Turbine: 9.8 km  
 Distance to Nearest Visible Turbine: 10.8 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  
 ★ 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: 1 of each  
 Landscape Context Views: 1



Existing View





Montage View

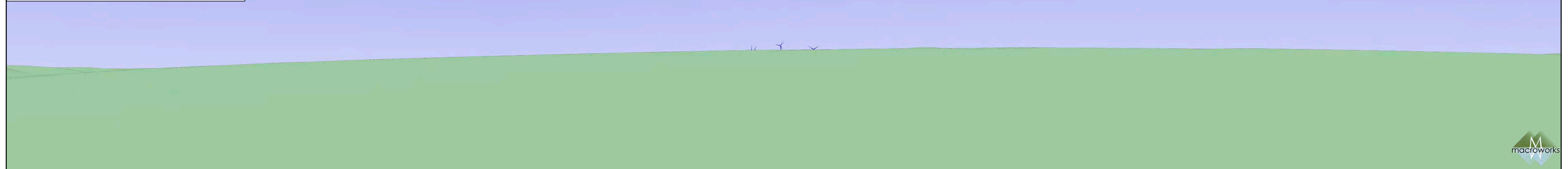


Context / Cumulative Montage View



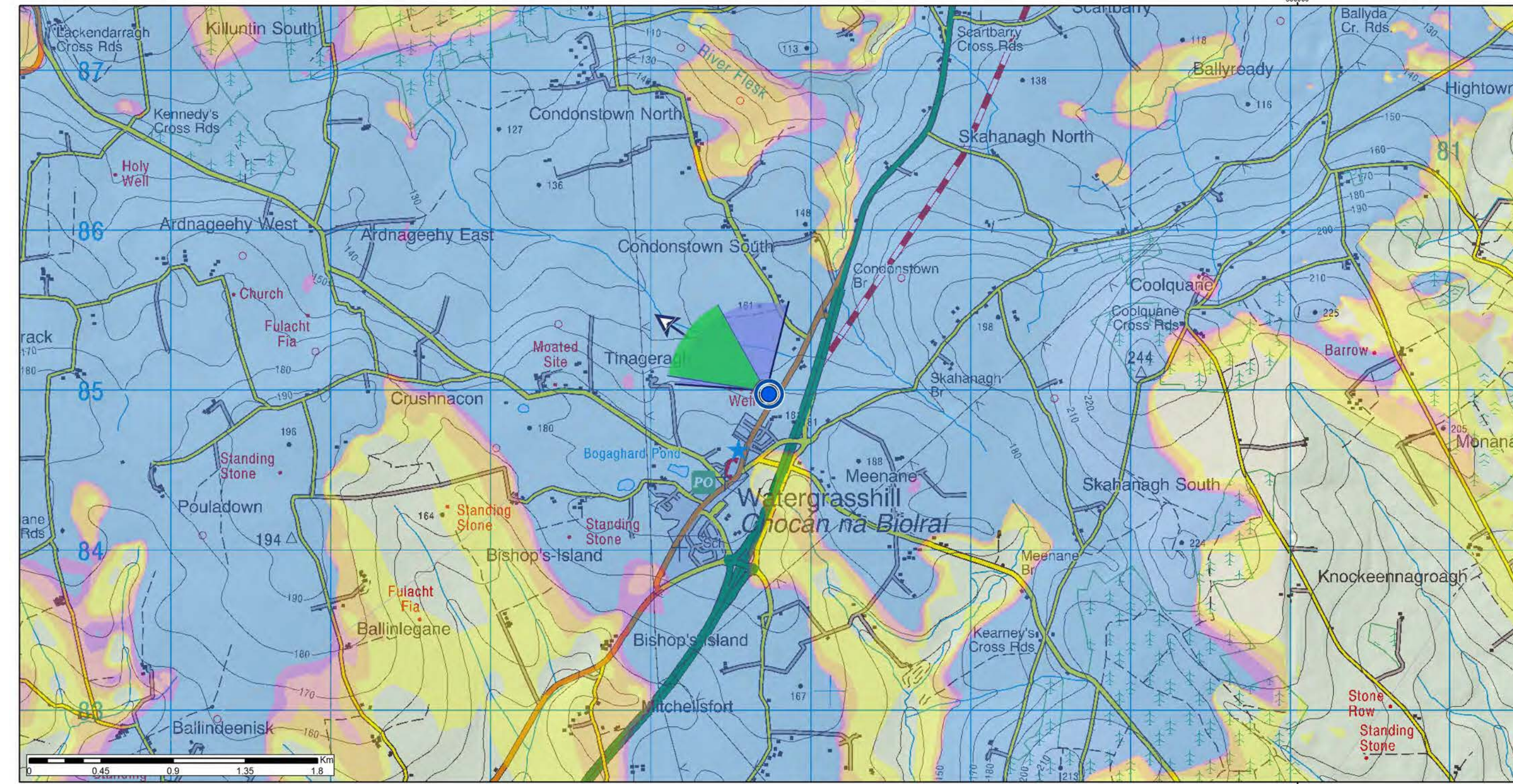
Context / Cumulative Wireframe View

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: 576697.84  
 Northing: 585032.26  
 Elevation: 171.0 m

## Photo Capture Information

Date: 20/11/2018  
 Time: 11:53  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

## Turbine Information

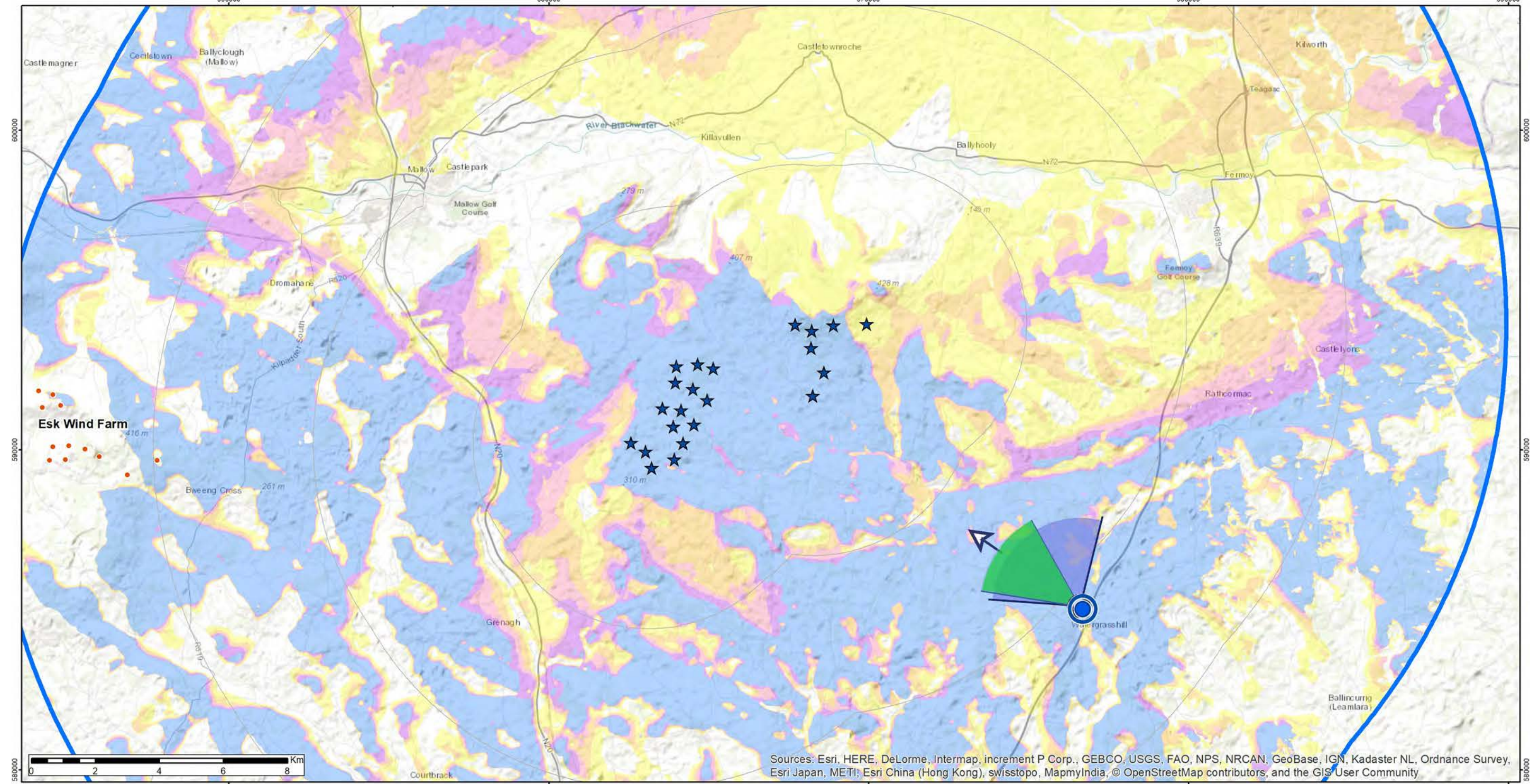
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

## Visibility Information

Number of Nacelles Theoretically Visible: 22  
 Number of Nacelles Actually Visible: 22  
 Angle of View Theoretically Occupied by Turbines: 25.1°  
 Angle of View Actually Occupied by Turbines: 25.1°  
 Distance to Nearest Turbine: 10.8 km  
 Distance to Nearest Visible Turbine: 10.8 km

# Glen Corrin residential estate north of Watergrasshill

Viewpoint Ref: VP30

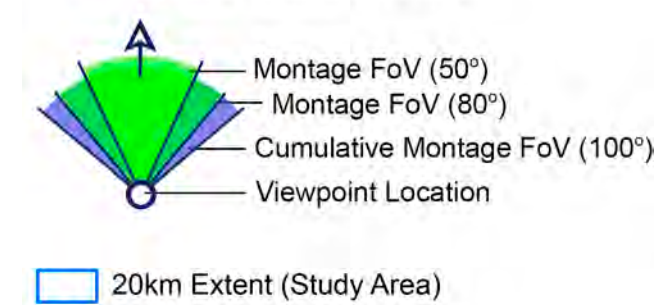


## ZTV Parameters

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





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).



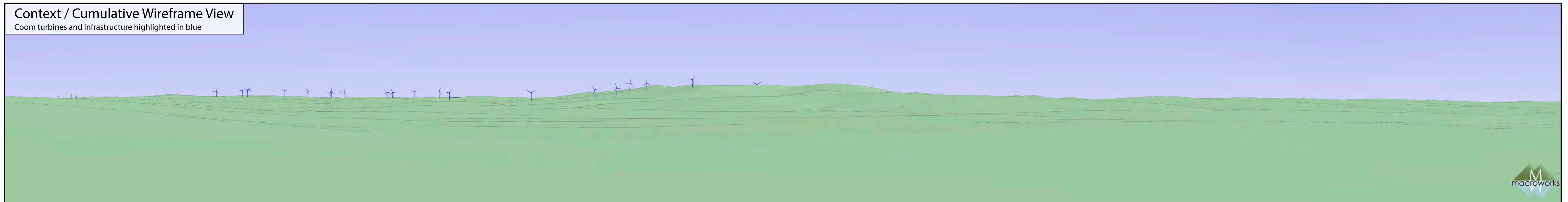
This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Context / Cumulative Montage View



Context / Cumulative Wireframe View

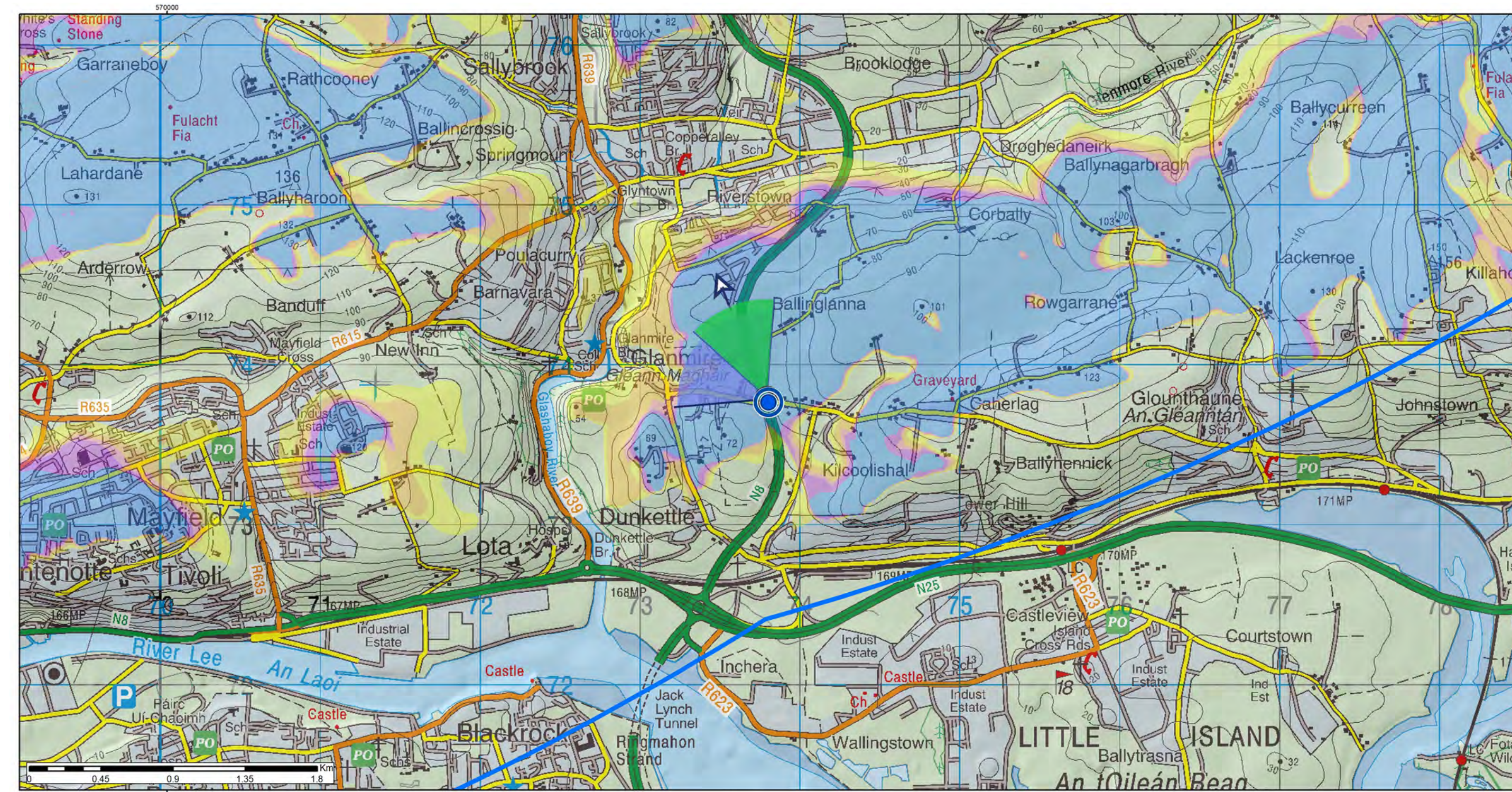
Coom turbines and infrastructure highlighted in blue



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: 573761.77  
 Northing: 573827.90  
 Elevation: 58.9 m

## Photo Capture Information

Date: 20/11/2018  
 Time: 12:13  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

## Turbine Information

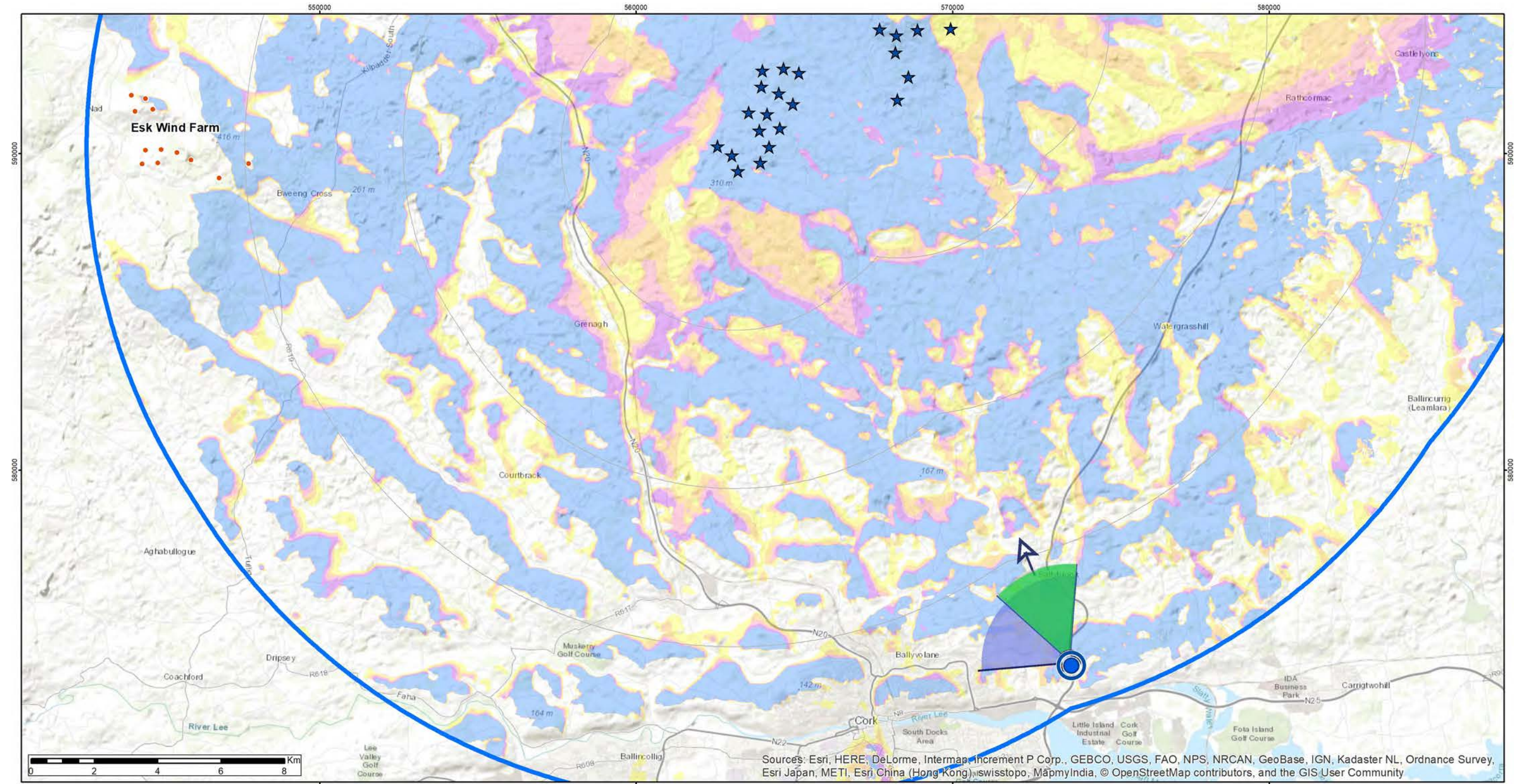
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

## Visibility Information

Number of Nacelles Theoretically Visible: 22  
 Number of Nacelles Actually Visible: 3  
 Angle of View Theoretically Occupied by Turbines: 23.9°  
 Angle of View Actually Occupied by Turbines: 4.2°  
 Distance to Nearest Turbine: 18.7 km  
 Distance to Nearest Visible Turbine: 19.3 km

# Local road overbridge of M8 northeast of Cork City

# Viewpoint Ref: VP31



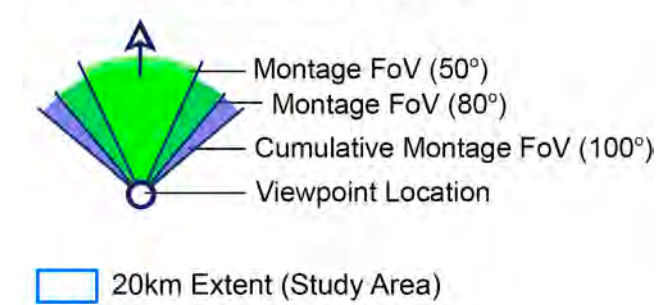
Scale 1:25,000

## 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  
 ● 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

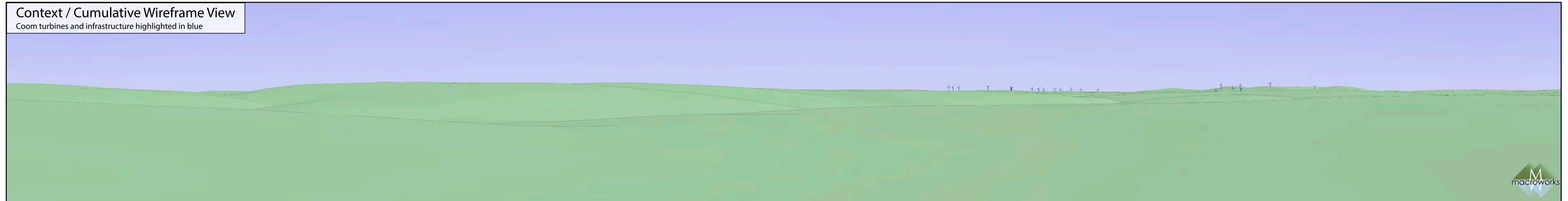


Context / Cumulative Montage View

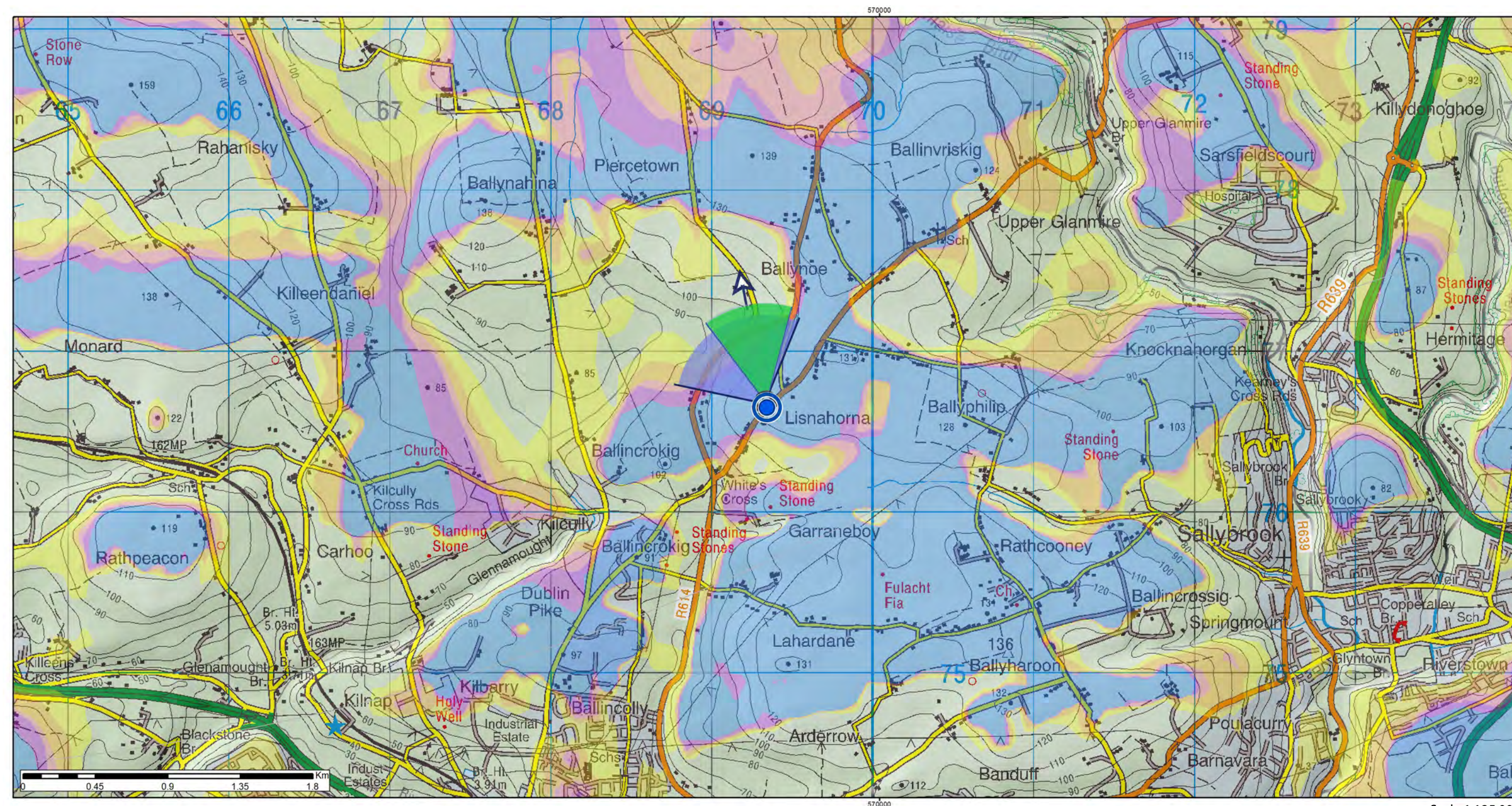


Context / Cumulative Wireframe View

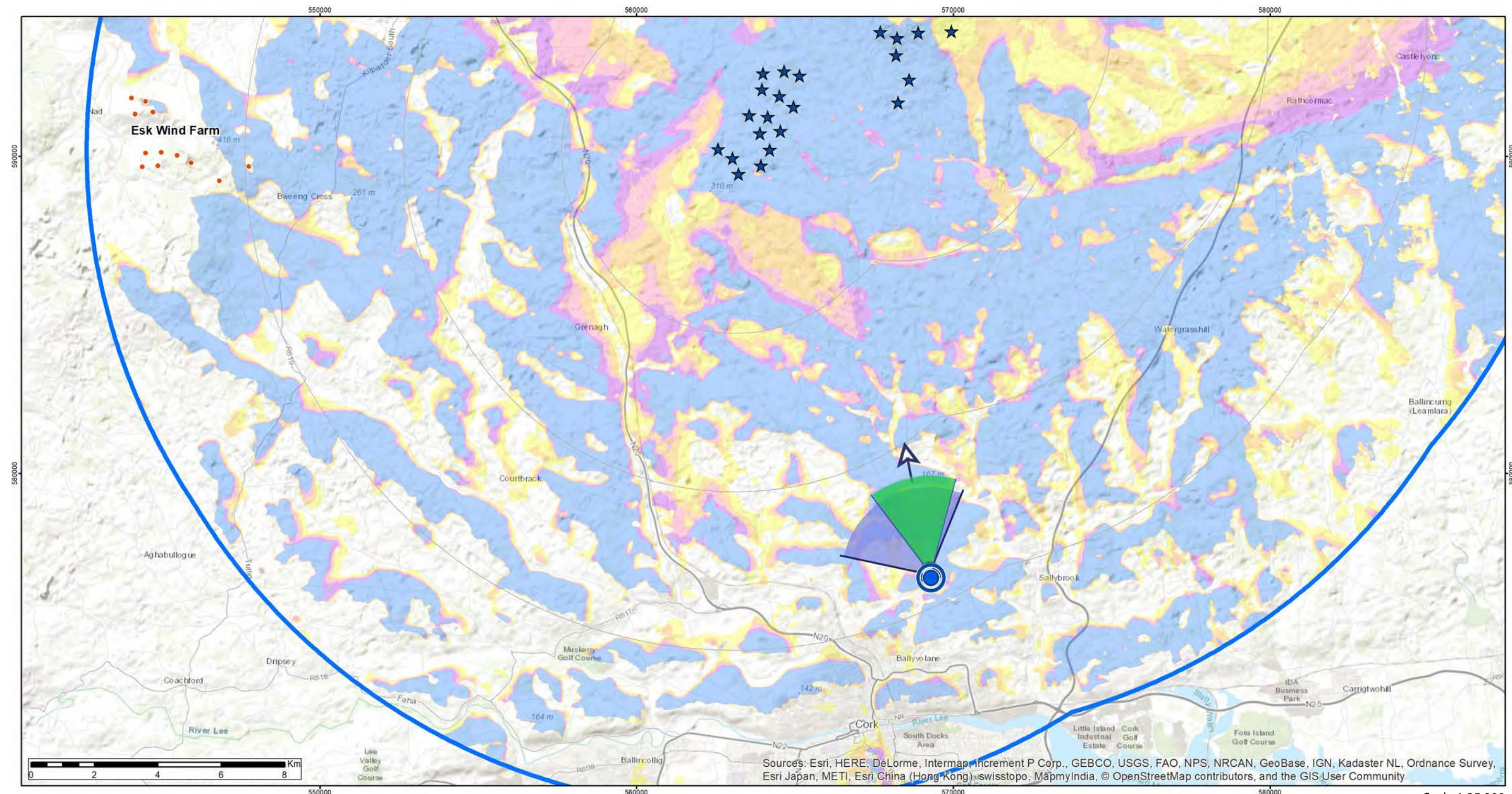
Coom turbines and infrastructure highlighted in blue



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: 569301.39  
 Northing: 576710.27  
 Elevation: 120.0 m

**Photo Capture Information**

Date: 14/05/2019  
 Time: 16:30  
 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

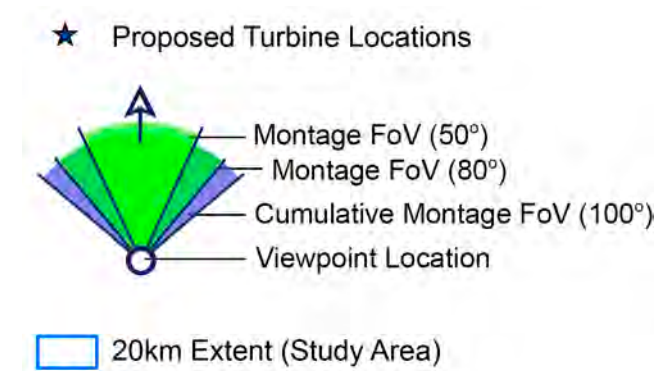
**Visibility Information**

Number of Nacelles Theoretically Visible: 20  
 Number of Nacelles Actually Visible: 18  
 Angle of View Theoretically Occupied by Turbines: 28.9°  
 Angle of View Actually Occupied by Turbines: 28.9°  
 Distance to Nearest Turbine: 14.1 km  
 Distance to Nearest Visible Turbine: 14.1 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



★ 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: 1 of each  
 Landscape Context Views: 1



Existing View



Montage View



Context / Cumulative Montage View

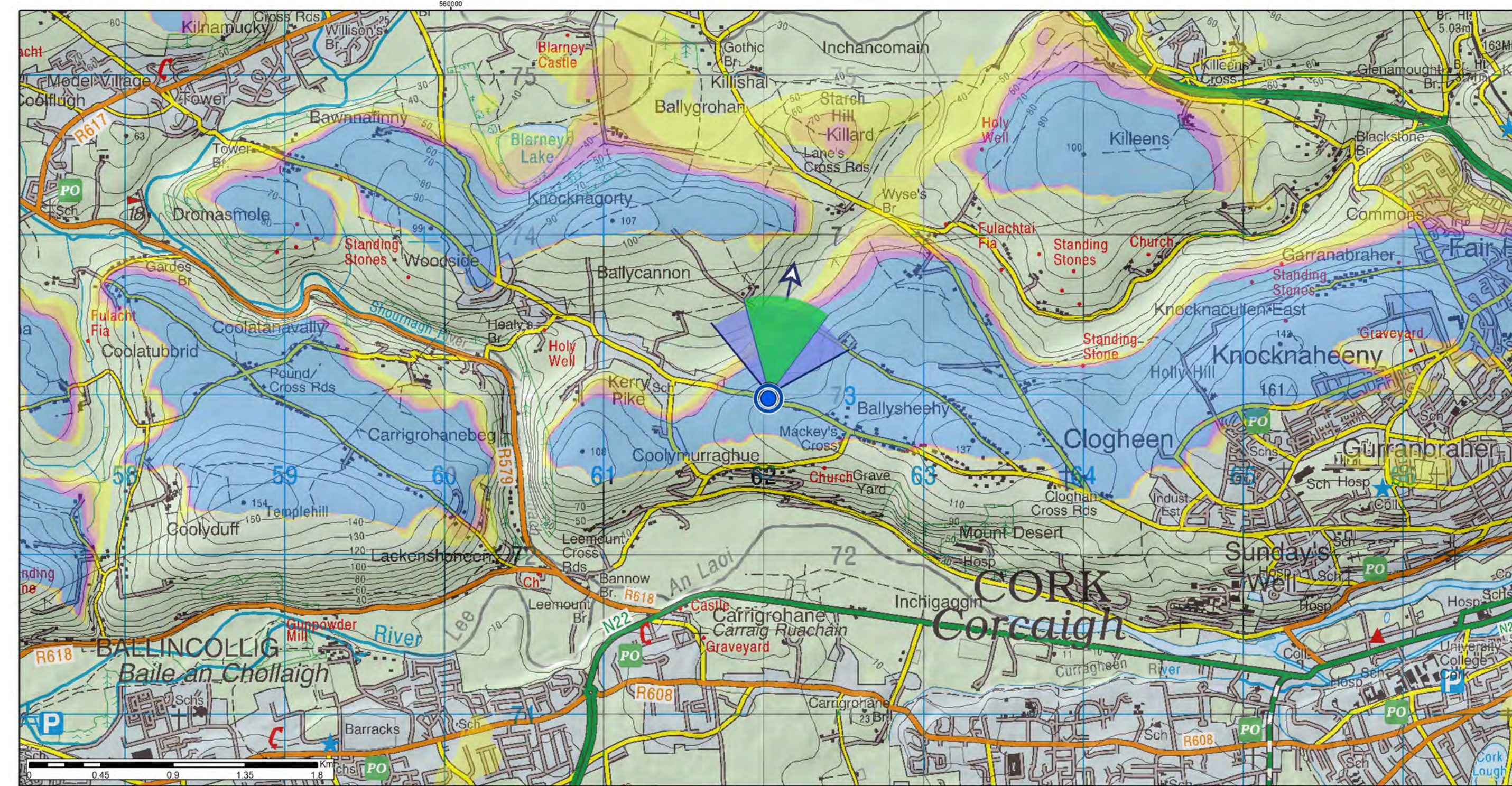


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



# Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

## Positional Information

National Grid Cordinate (ITM)  
 Easting: 561988.02  
 Northing: 573036.84  
 Elevation: 90.3 m

## Photo Capture Information

Date: 14/05/2019  
 Time: 17:03  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

## Turbine Information

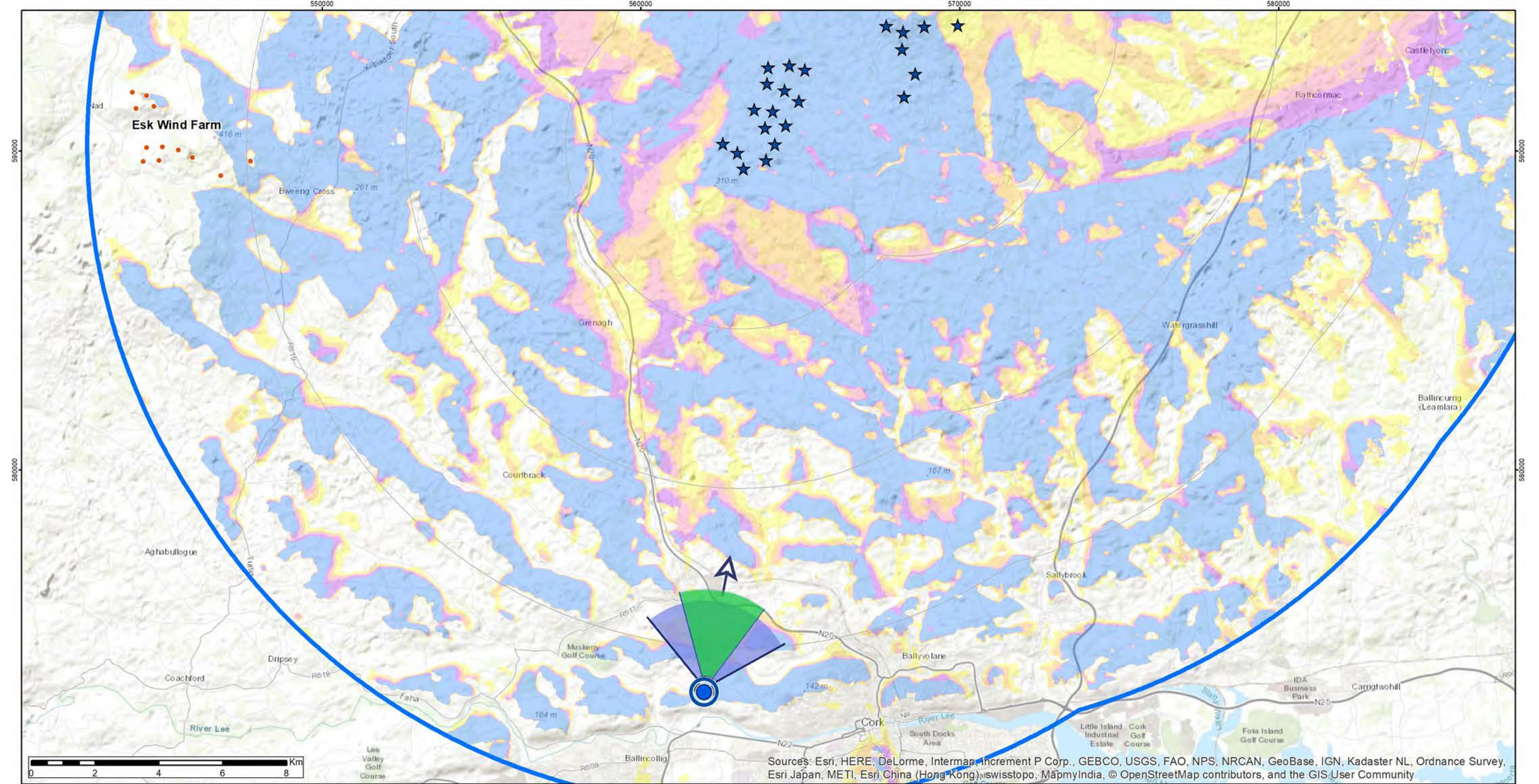
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

## Visibility Information

Number of Nacelles Theoretically Visible: 21  
 Number of Nacelles Actually Visible: 17  
 Angle of View Theoretically Occupied by Turbines: 19.3°  
 Angle of View Actually Occupied by Turbines: 19.3°  
 Distance to Nearest Turbine: 16.5 km  
 Distance to Nearest Visible Turbine: 16.5 km

# Local road west of Mackey's Cross

# Viewpoint Ref: VP33

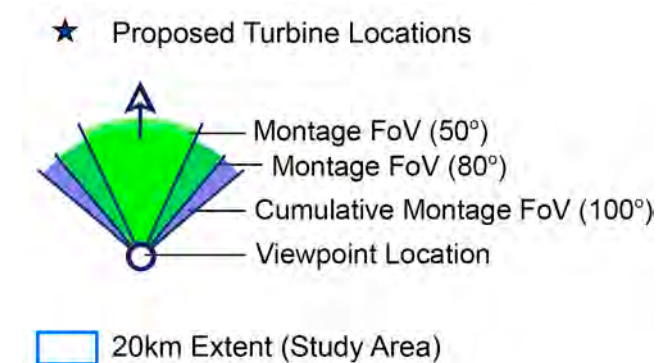


Scale 1:25,000

## 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



## Pages to Follow for this Viewpoint

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



Existing View





Montage View

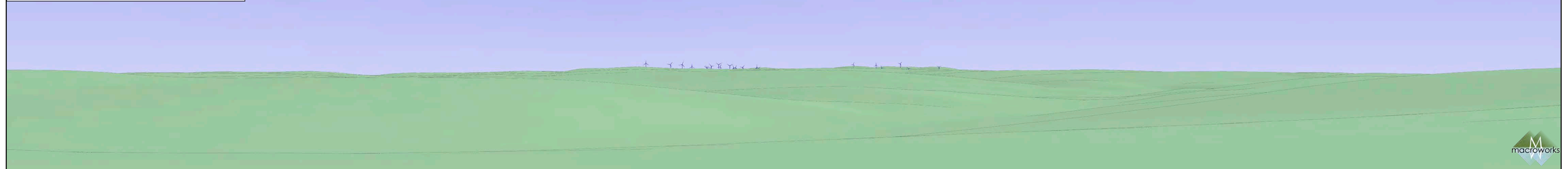


Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue

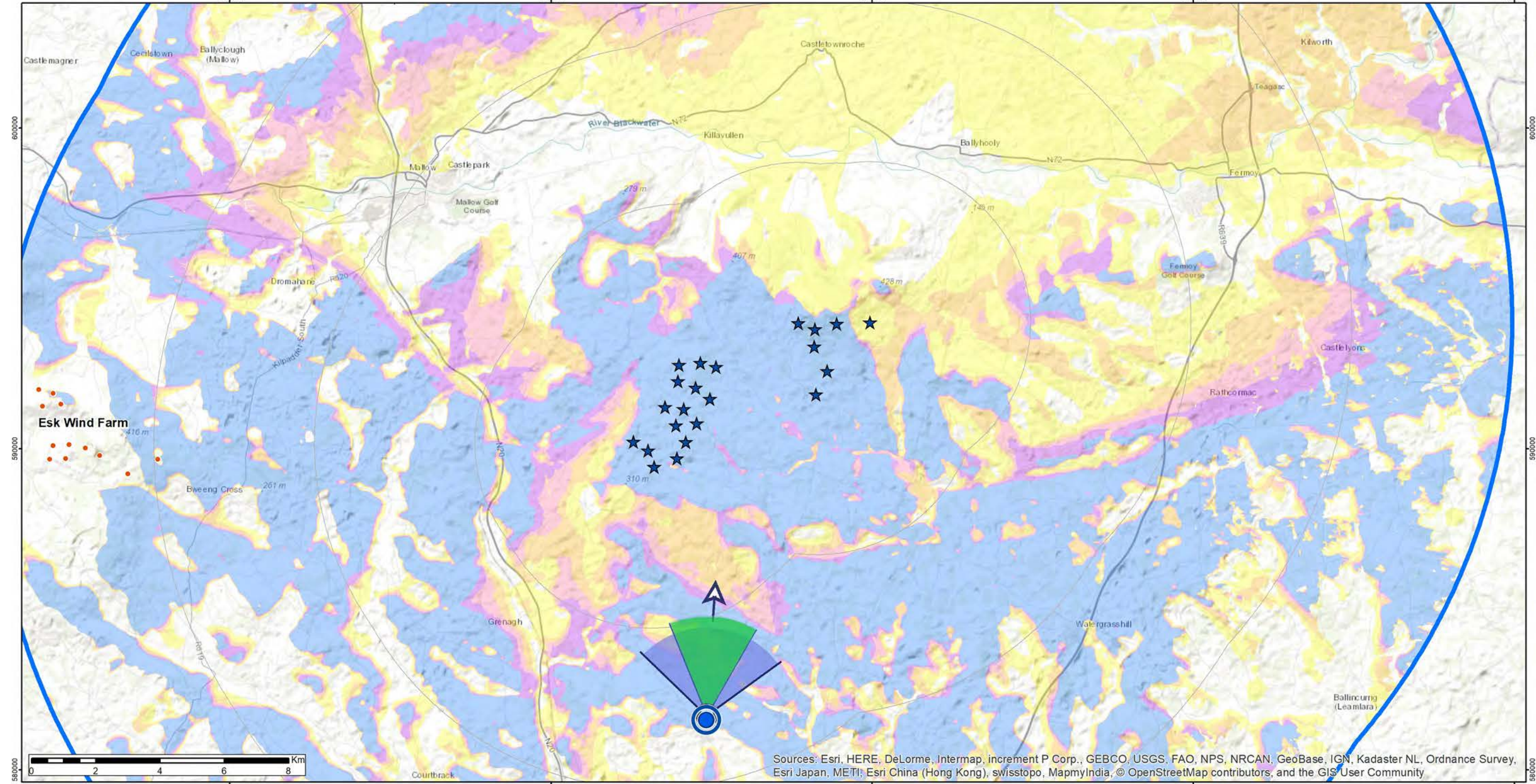
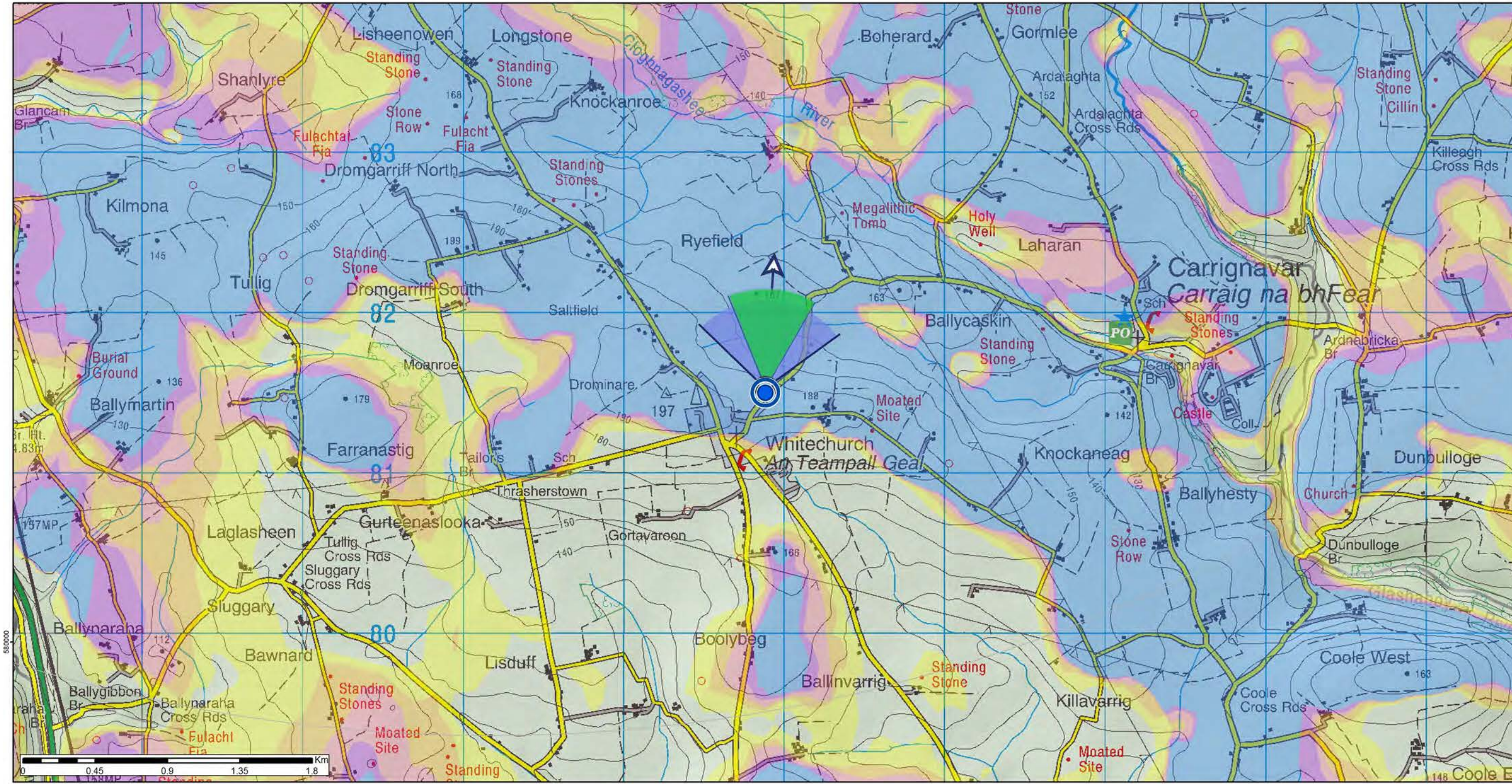


This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular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

# Coom Green Energy Park - Landscape and Visual Impact Assessment

# Local road northeast of Whitechurch

Viewpoint Ref: VP34



Scale 1:125,000

Scale 1:25,000

### Positional Information

National Grid Cordinate (ITM)  
 Easting: 564840.21  
 Northing: 581556.03  
 Elevation: 181.5 m

### Photo Capture Information

Date: 30/11/2018  
 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: 19  
 Angle of View Theoretically Occupied by Turbines: 37.7°  
 Angle of View Actually Occupied by Turbines: 37.7°  
 Distance to Nearest Turbine: 8.1 km  
 Distance to Nearest Visible Turbine: 8.1 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

★ 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
- Esker Wind Farm (Existing)

### Pages to Follow for this Viewpoint

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



Existing View



Montage View



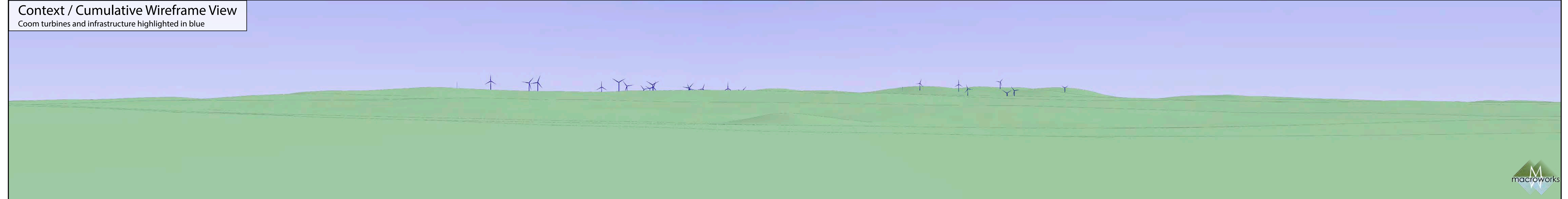
macroworks

Context / Cumulative Montage View



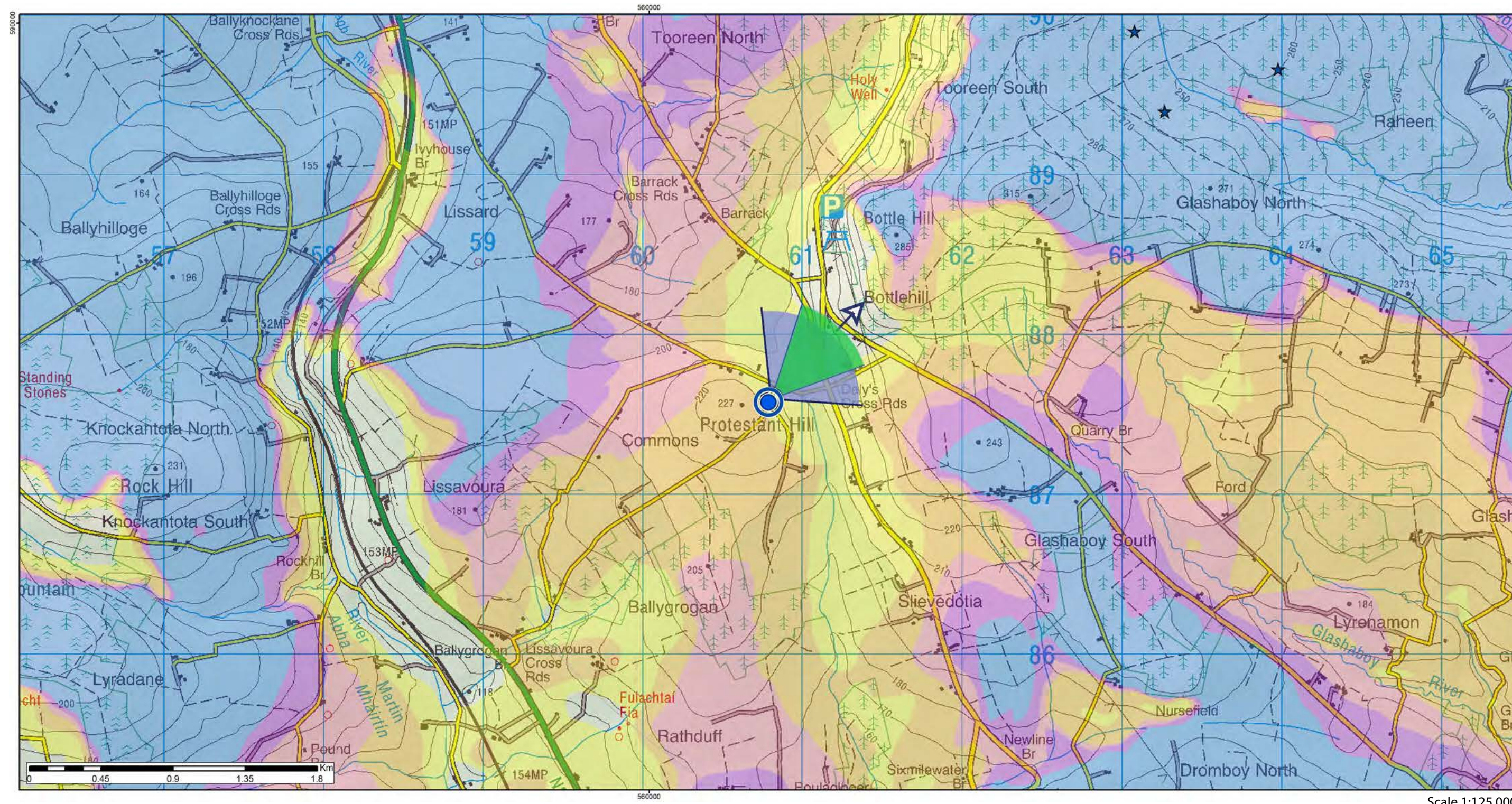
Context / Cumulative Wireframe View

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: 560746.40  
 Northing: 587631.60  
 Elevation: 217.4 m

## Photo Capture Information

Date: 30/11/2018  
 Time: 12:43  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

## Turbine Information

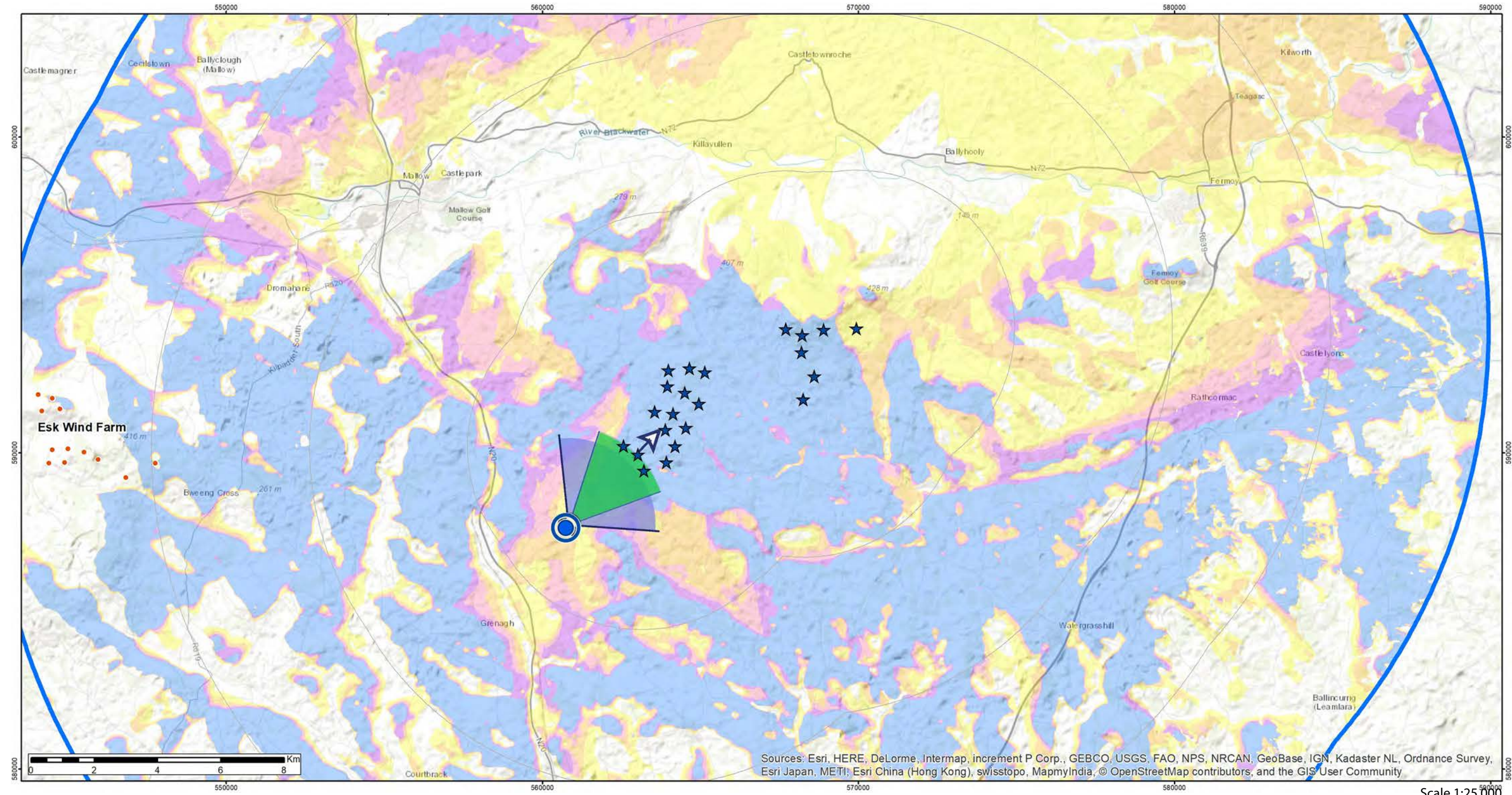
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

## Visibility Information

Number of Nacelles Theoretically Visible: 1  
 Number of Nacelles Actually Visible: 0  
 Angle of View Theoretically Occupied by Turbines: 19.7°  
 Angle of View Actually Occupied by Turbines: 19.7°  
 Distance to Nearest Turbine: 3.1 km  
 Distance to Nearest Visible Turbine: 3.1 km

# L2950 southwest of Bottlehill

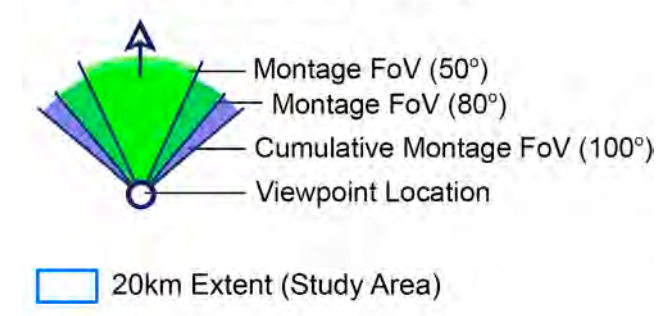
# Viewpoint Ref: VP35



## 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: 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



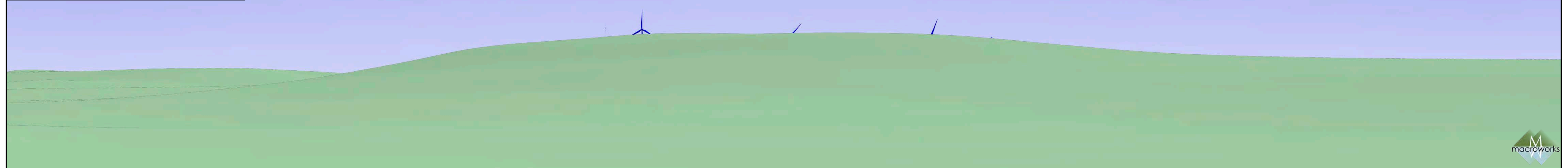
This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Context / Cumulative Montage View



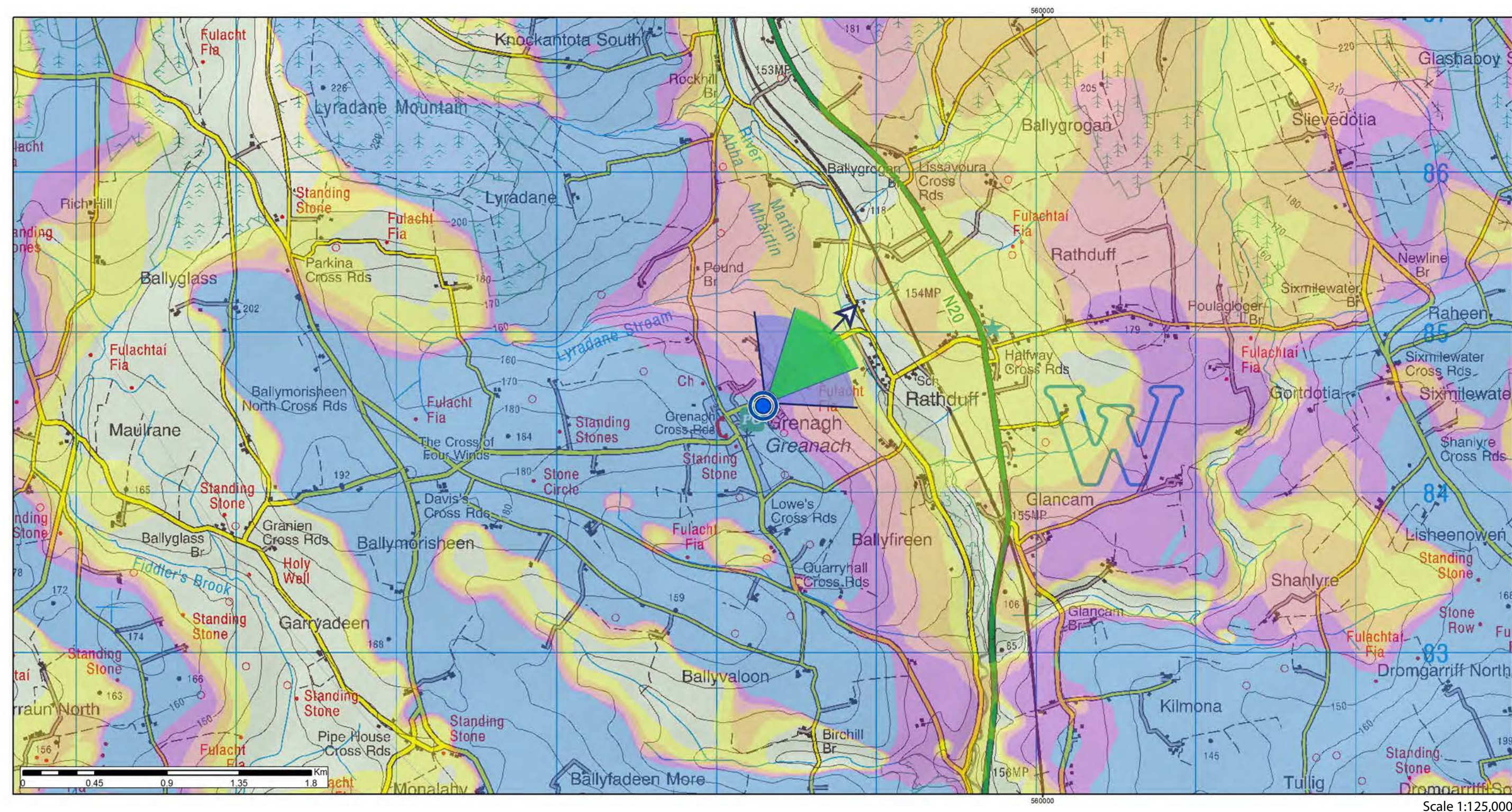
Context / Cumulative Wireframe View

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.

# Coom Green Energy Park - Landscape and Visual Impact Assessment



## Positional Information

National Grid Cordinate (ITM)  
 Easting: 558254.65  
 Northing: 584595.62  
 Elevation: 146.6 m

## Photo Capture Information

Date: 30/11/2018  
 Time: 13:25  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

## Turbine Information

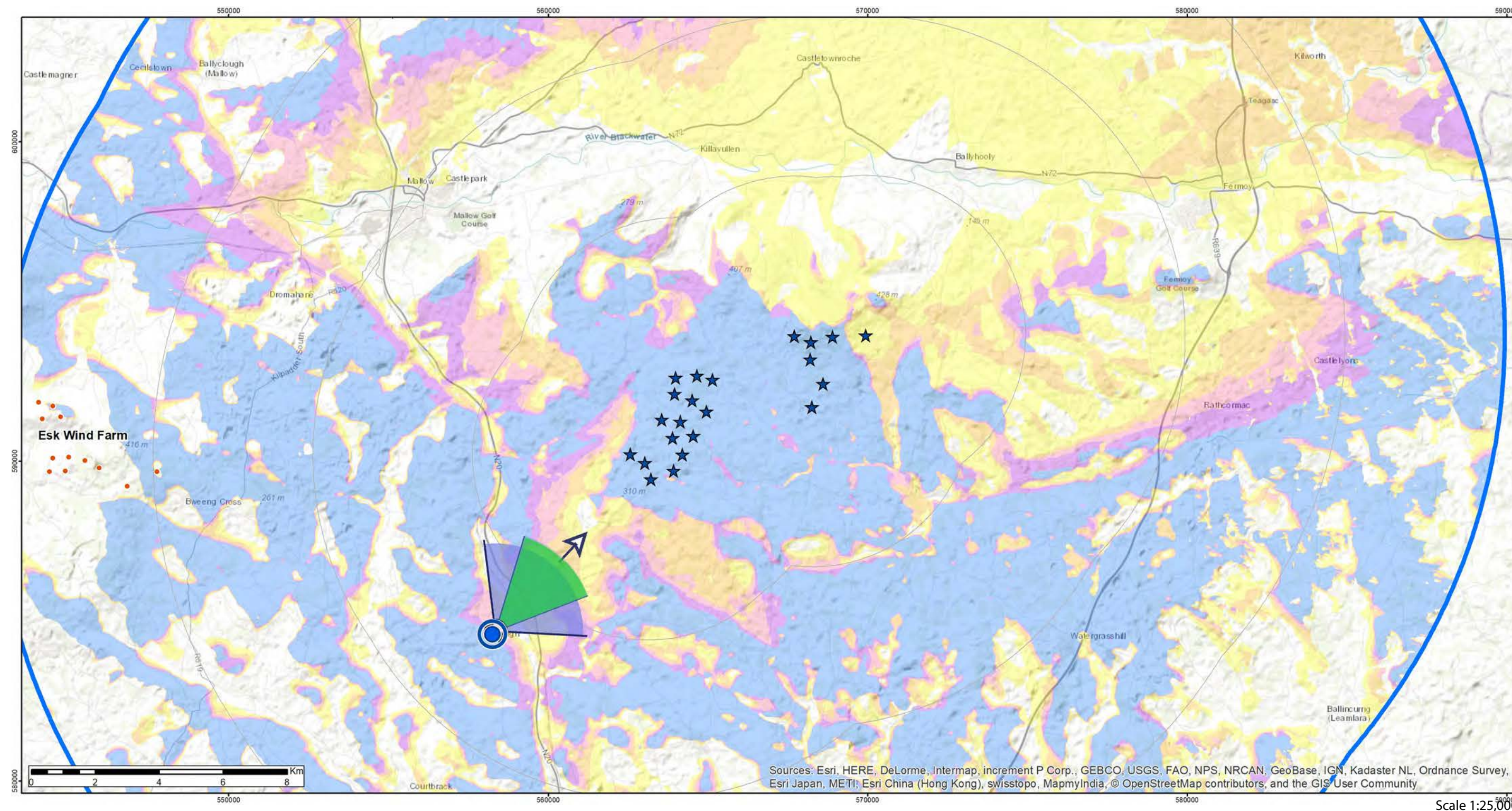
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

## Visibility Information

Number of Nacelles Theoretically Visible: 6  
 Number of Nacelles Actually Visible: 5  
 Angle of View Theoretically Occupied by Turbines: 14.0°  
 Angle of View Actually Occupied by Turbines: 14.0°  
 Distance to Nearest Turbine: 6.9 km  
 Distance to Nearest Visible Turbine: 6.9 km

# Gleann Aras View residential estate, Grenagh

Viewpoint Ref: VP36

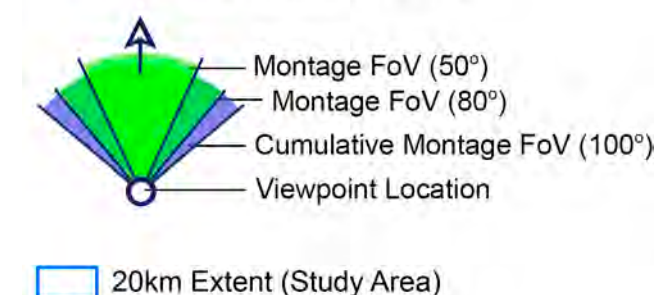


## ZTV Parameters

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: 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



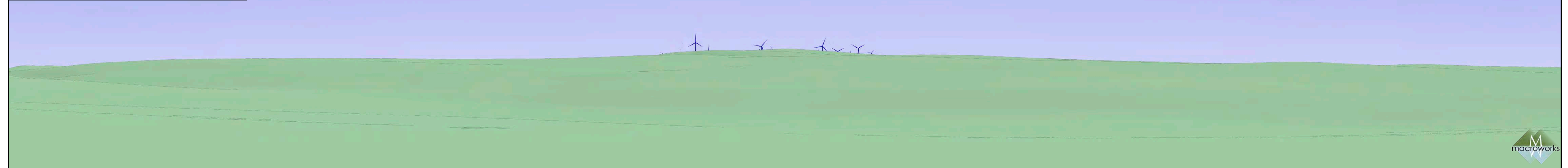
This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

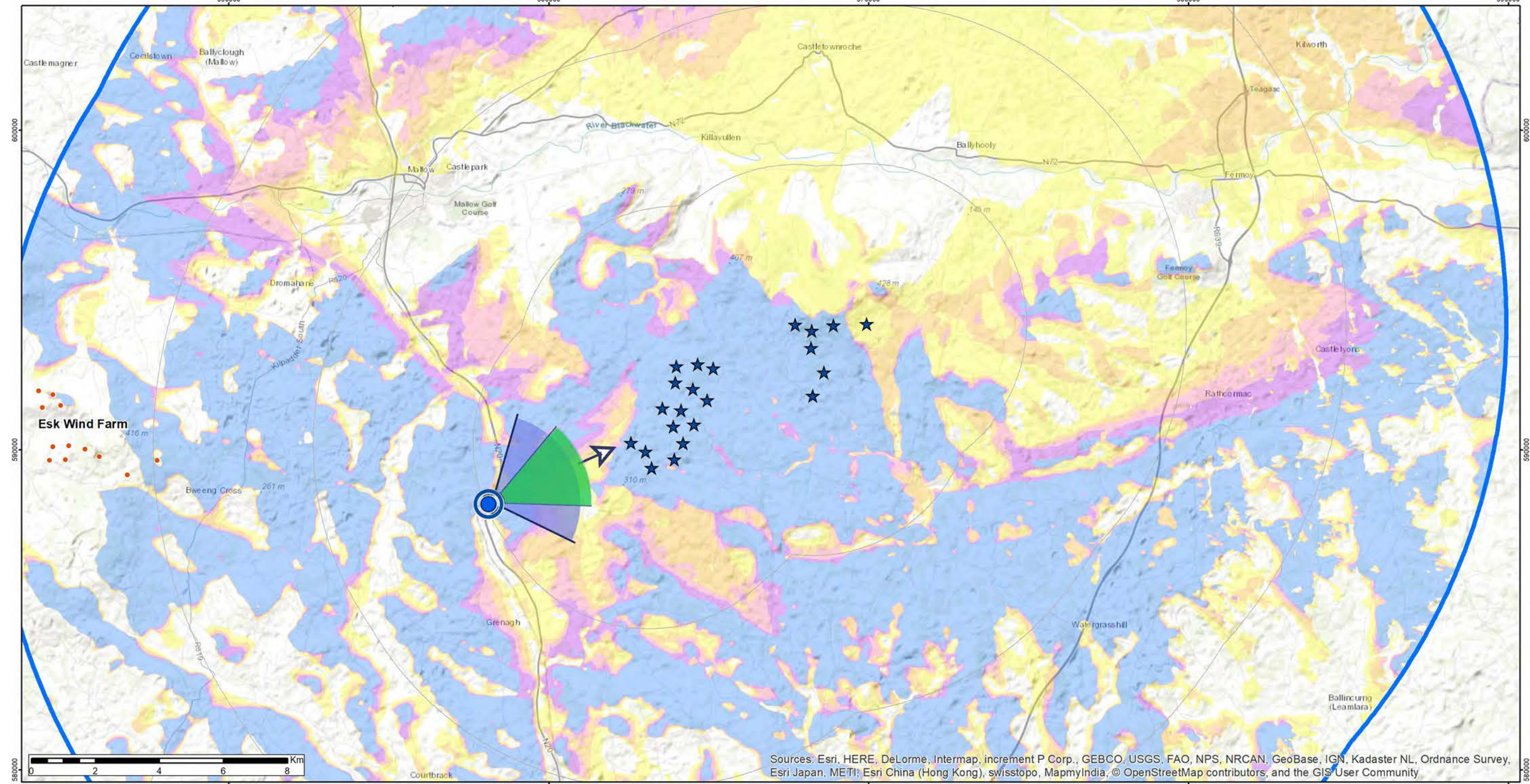
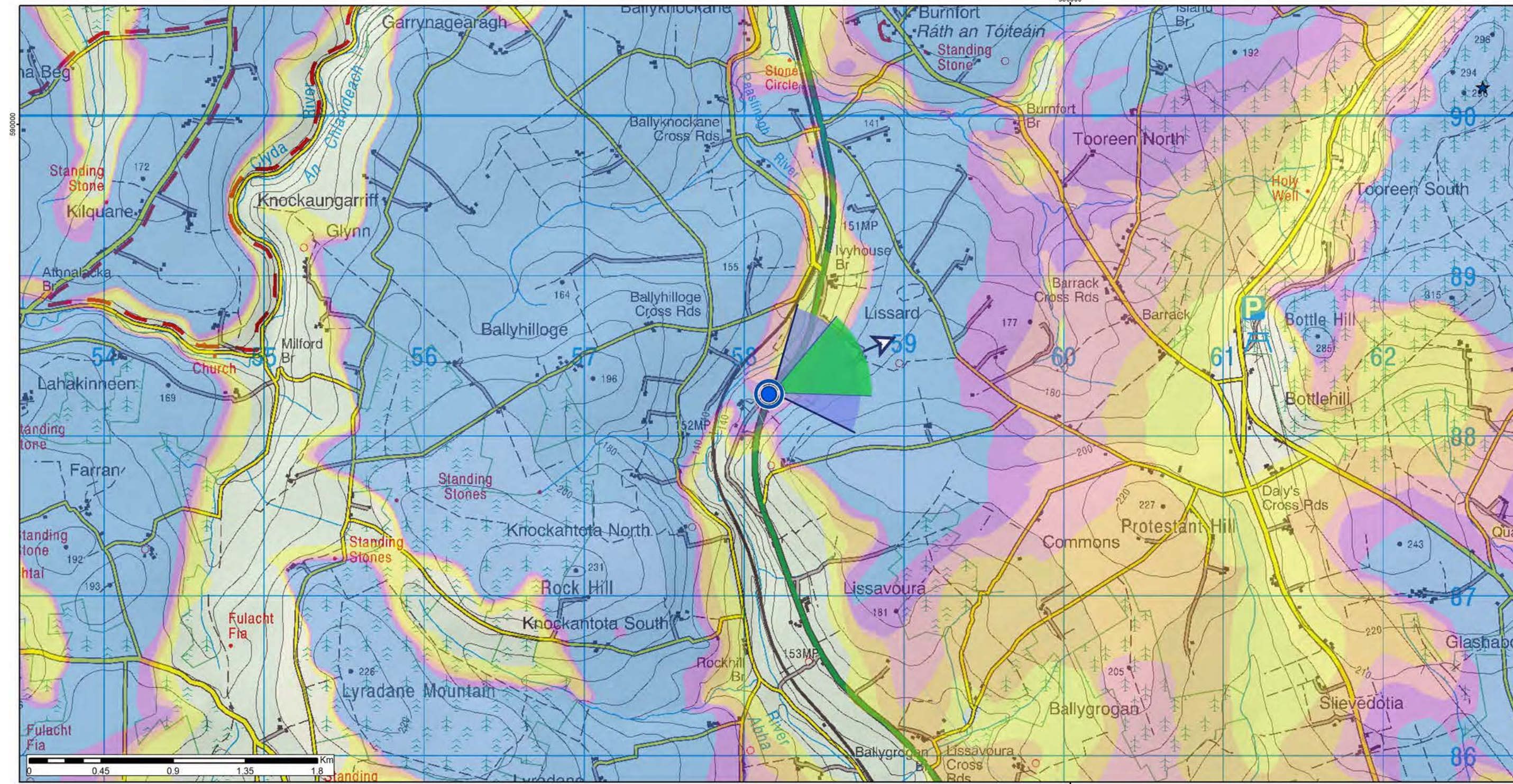
Context / Cumulative Montage View



Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue





**Positional Information**

National Grid Cordinate (ITM)  
 Easting: 558118.49  
 Northing: 588316.59  
 Elevation: 151.2 m

**Photo Capture Information**

Date: 30/11/2018  
 Time: 13:38  
 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

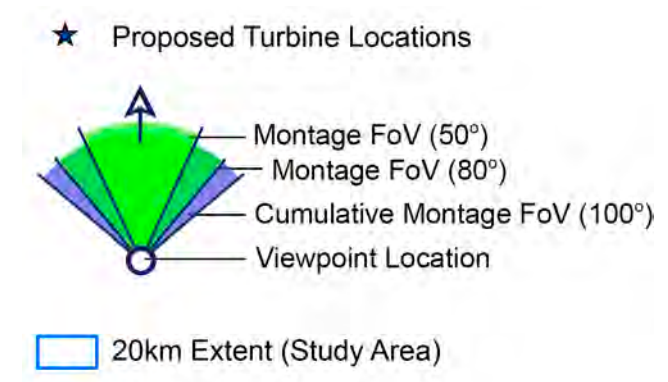
**Visibility Information**

Number of Nacelles Theoretically Visible: 5  
 Number of Nacelles Actually Visible: 1  
 Angle of View Theoretically Occupied by Turbines: 24.9°  
 Angle of View Actually Occupied by Turbines: 18.5°  
 Distance to Nearest Turbine: 4.9 km  
 Distance to Nearest Visible Turbine: 4.9 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: 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



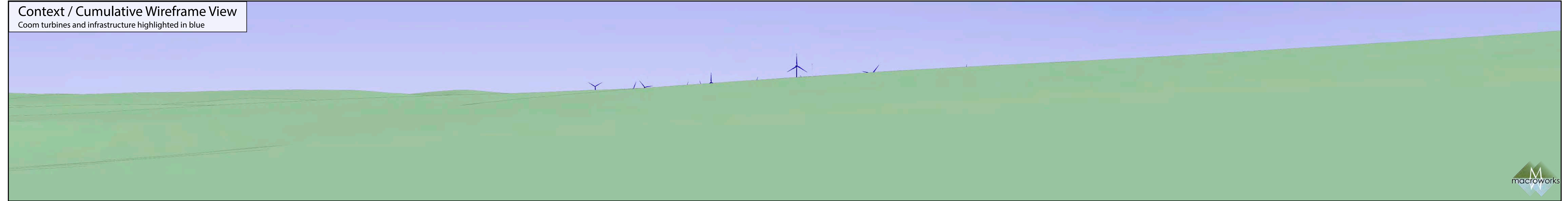
This is a planar panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and view from a comfortable arms length (approx 50cm).

Context / Cumulative Montage View



Context / Cumulative Wireframe View

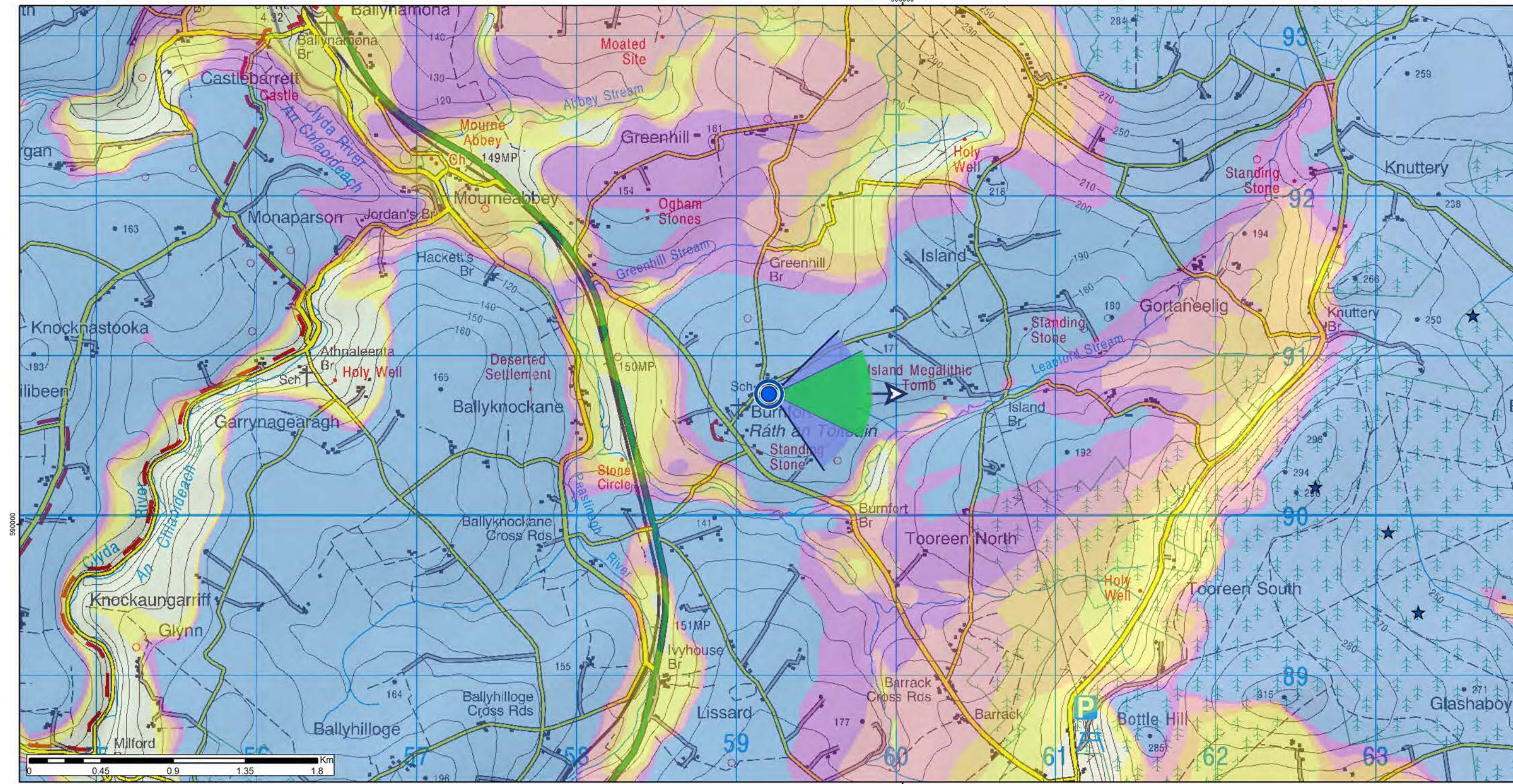
Coom turbines and infrastructure highlighted in blue



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.



# Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

### Positional Information

National Grid Cordinate (ITM)  
 Easting: 559165.45  
 Northing: 590816.15  
 Elevation: 170.4 m

### Photo Capture Information

Date: 30/11/2018  
 Time: 12:58  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

### Turbine Information

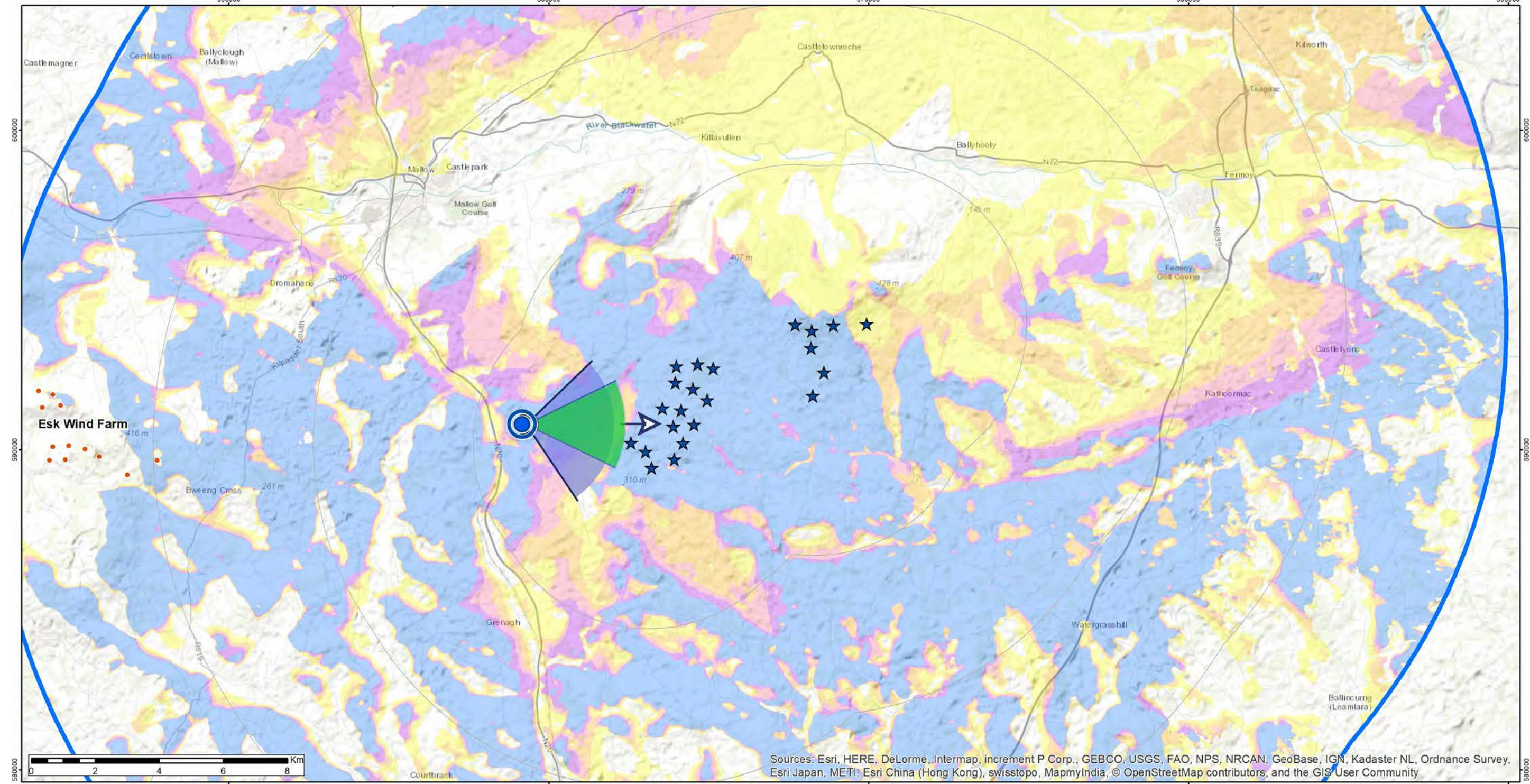
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

### Visibility Information

Number of Nacelles Theoretically Visible: 17  
 Number of Nacelles Actually Visible: 17  
 Angle of View Theoretically Occupied by Turbines: 41.5°  
 Angle of View Actually Occupied by Turbines: 41.5°  
 Distance to Nearest Turbine: 3.5 km  
 Distance to Nearest Visible Turbine: 3.5 km

# Burnfort Cemetery

# Viewpoint Ref: VP38

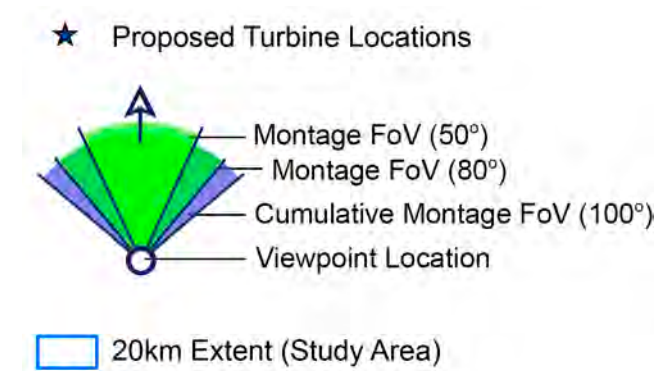


Scale 1:25,000

### 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: 1 of each  
 Landscape Context Views: 1



Existing View



Montage View



Context / Cumulative Montage View



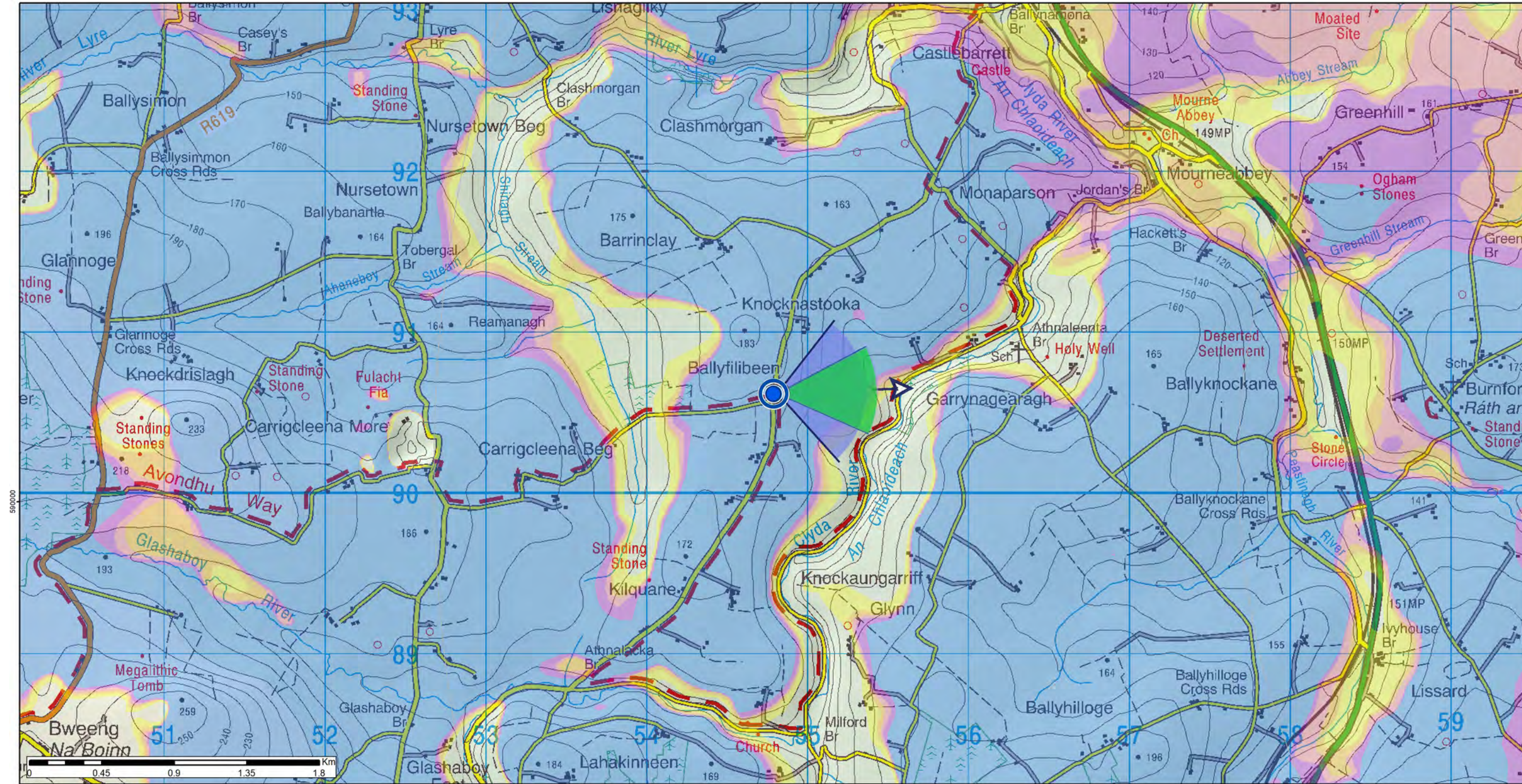
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



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# Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

## Positional Information

National Grid Cordinate (ITM)  
 Easting: 554751.14  
 Northing: 590672.41  
 Elevation: 166.3 m

## Photo Capture Information

Date: 30/11/2018  
 Time: 14:25  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

## Turbine Information

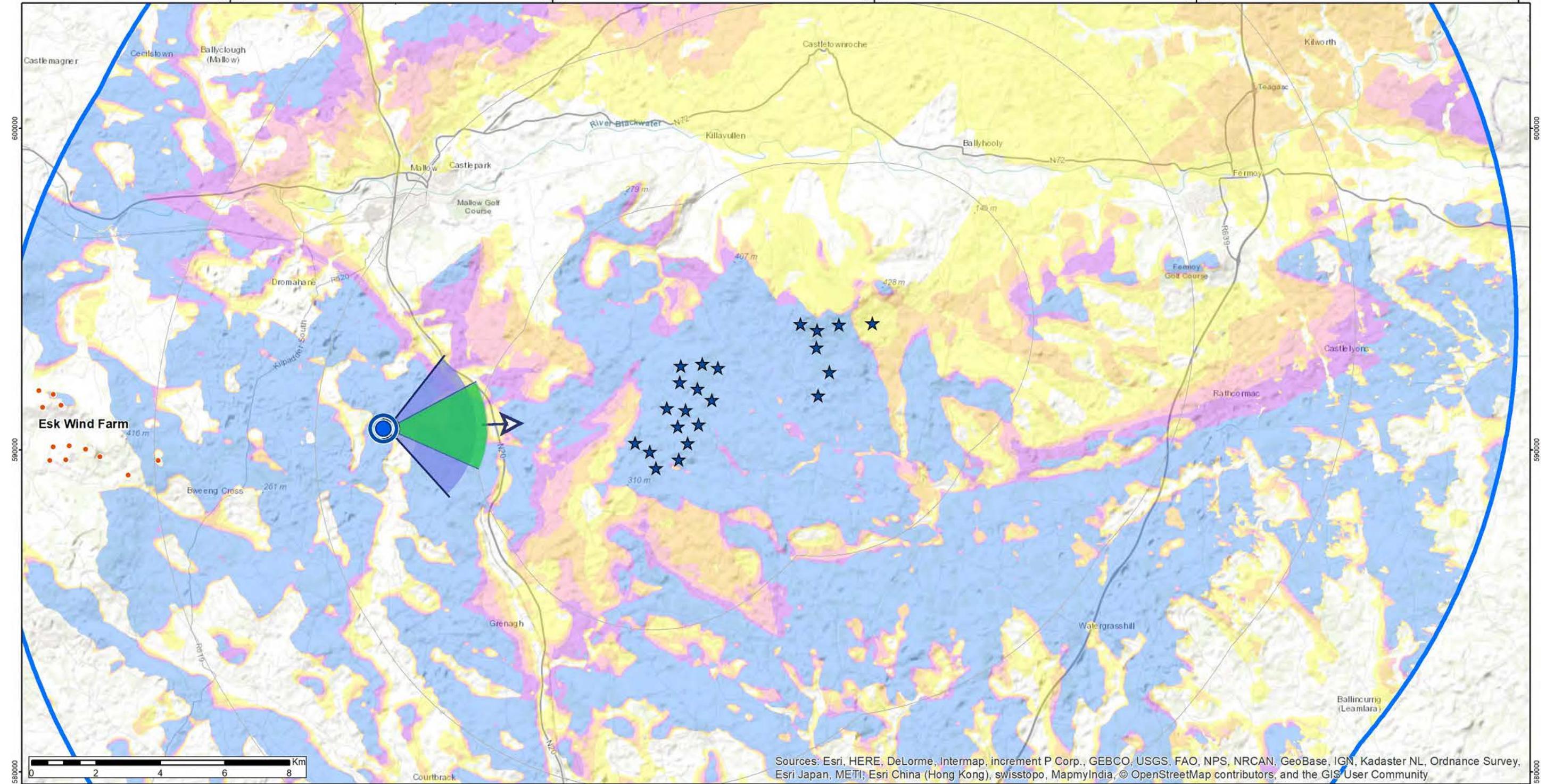
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

## Visibility Information

Number of Nacelles Theoretically Visible: 21  
 Number of Nacelles Actually Visible: 20  
 Angle of View Theoretically Occupied by Turbines: 23.0°  
 Angle of View Actually Occupied by Turbines: 23.0°  
 Distance to Nearest Turbine: 7.8 km  
 Distance to Nearest Visible Turbine: 7.8 km

# Local road at Ballyfillibeen

# Viewpoint Ref: VP39



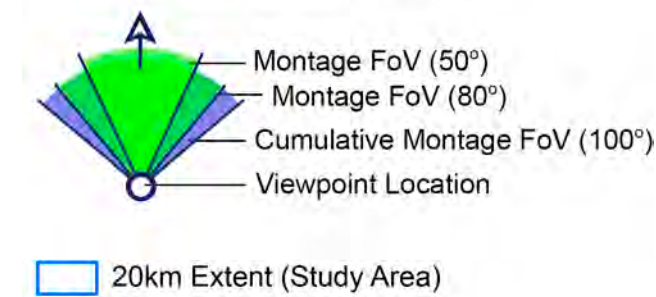
Scale 1:25,000

## 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: 1 of each  
 Landscape Context Views: 1



Existing View





Montage View



Context / Cumulative Montage View



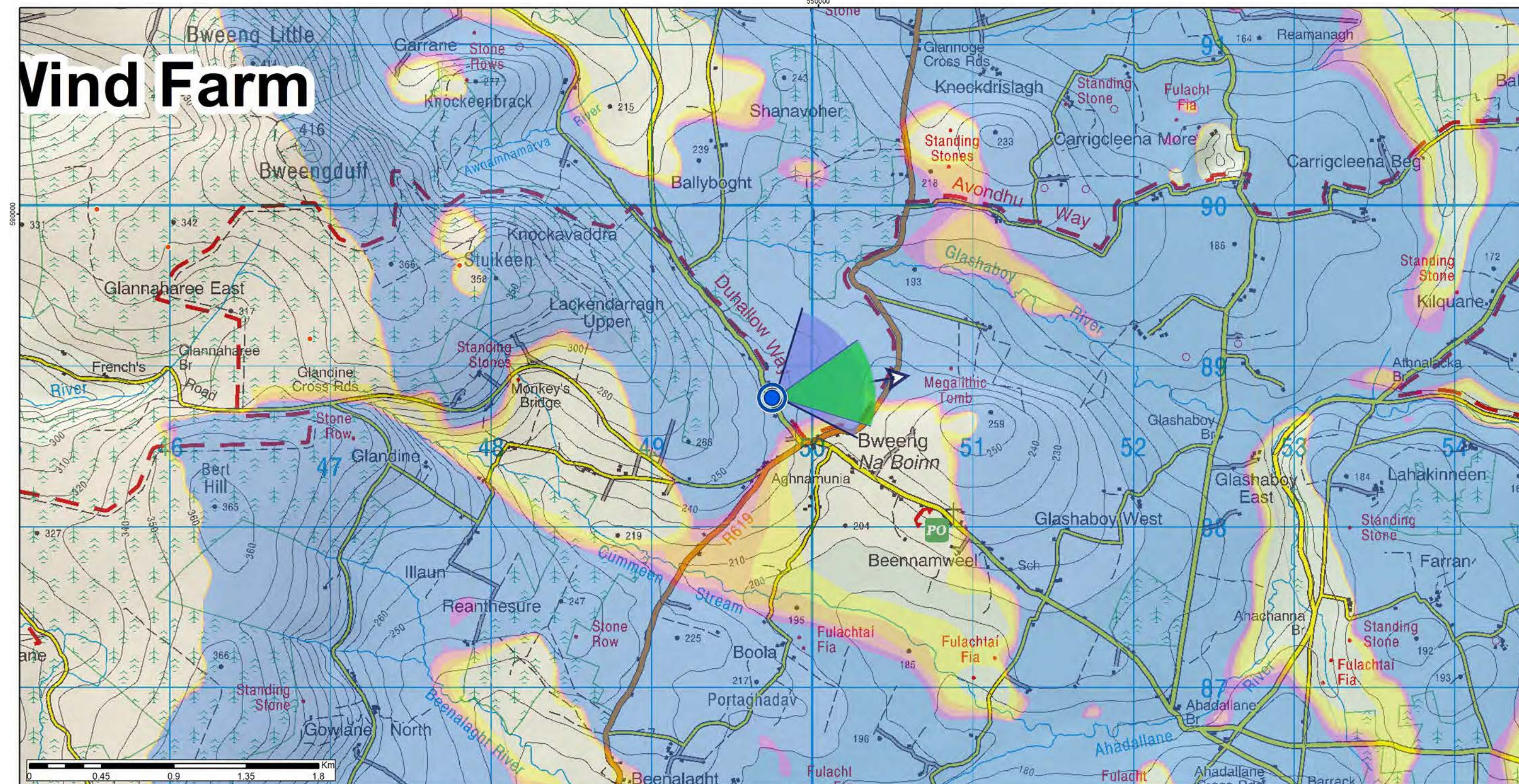
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue

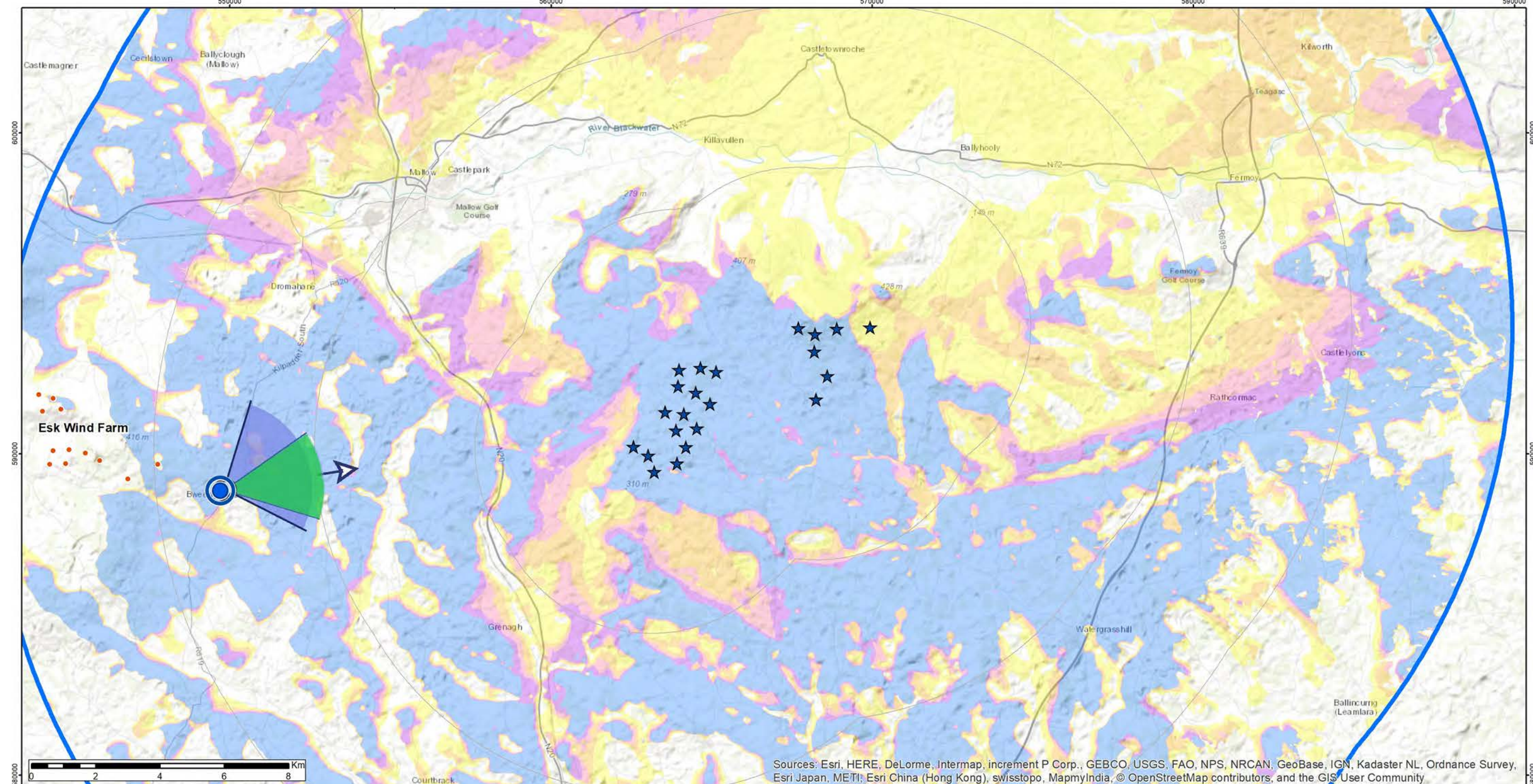


This is a cylindrical panorama captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. To view this image correctly, place on a flat surface and move along its length whilst viewing from a perpendicular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





Scale 1:125,000



Scale 1:25,000

**Positional Information**

National Grid Cordinate (ITM)  
 Easting: 549711.42  
 Northing: 588859.54  
 Elevation: 236.8 m

**Photo Capture Information**

Date: 30/11/2018  
 Time: 14:06  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

**Turbine Information**

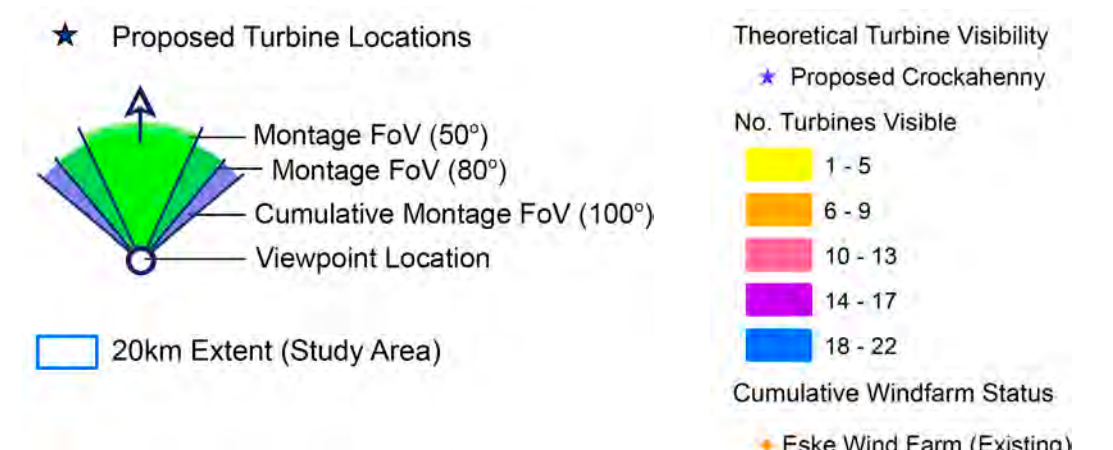
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

**Visibility Information**

Number of Nacelles Theoretically Visible: 21  
 Number of Nacelles Actually Visible: 21  
 Angle of View Theoretically Occupied by Turbines: 13.8°  
 Angle of View Actually Occupied by Turbines: 13.8°  
 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



**Pages to Follow for this Viewpoint**

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



Existing View



Montage View

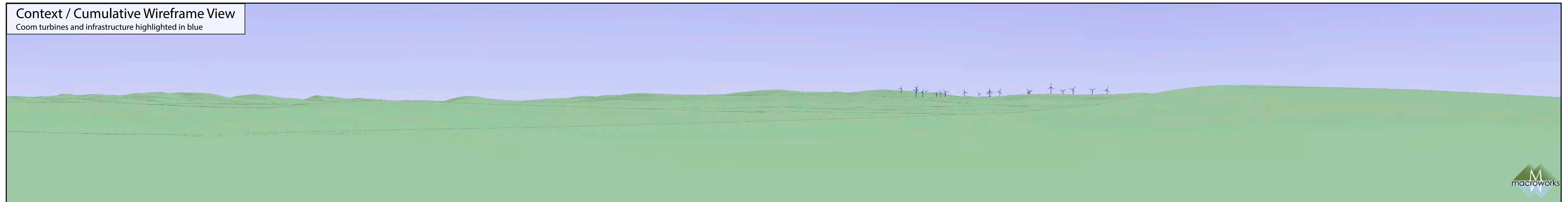


Context / Cumulative Montage View

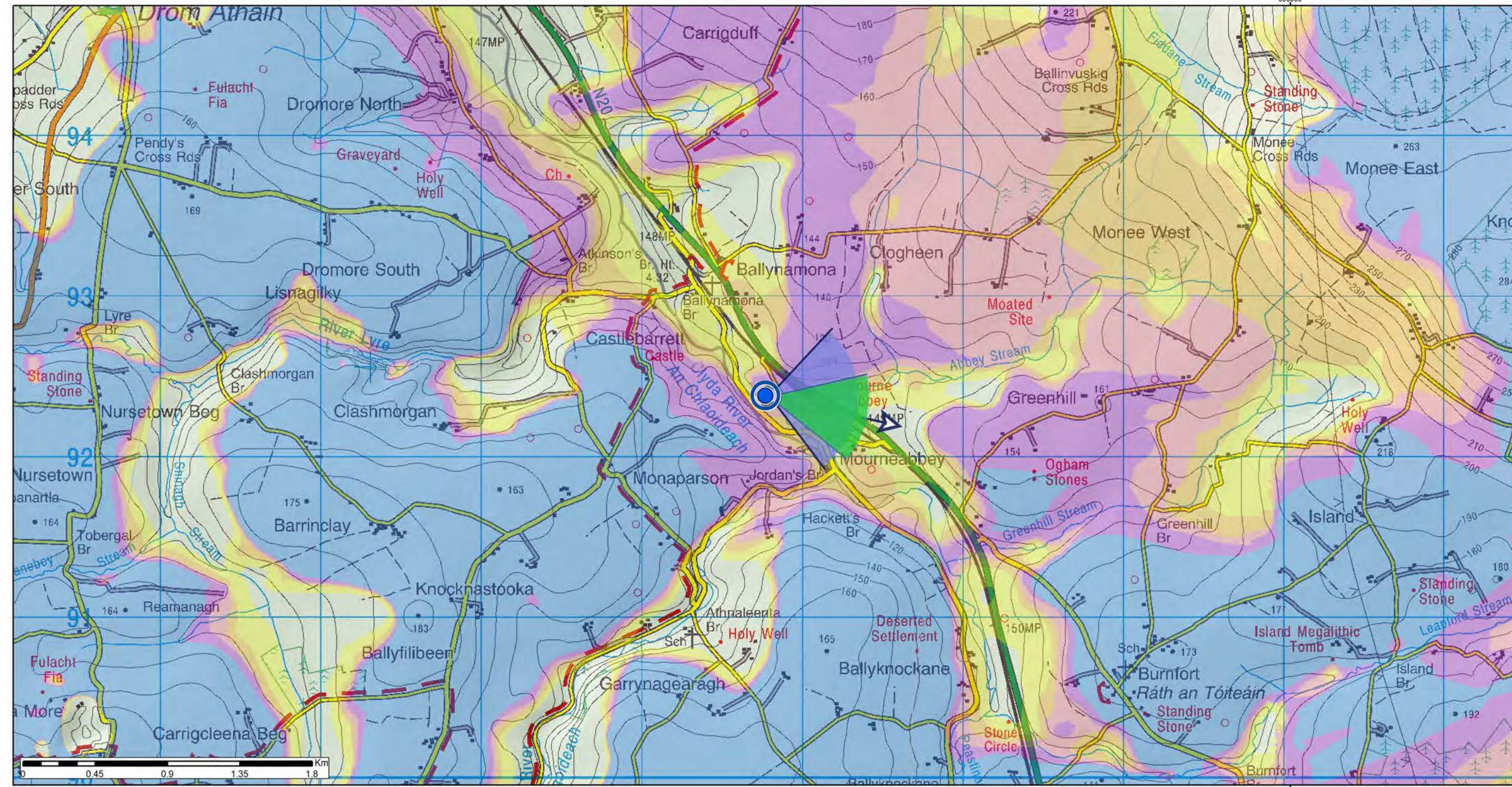


Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



# Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

## Positional Information

National Grid Cordinate (ITM)  
 Easting: 556731.64  
 Northing: 592437.56  
 Elevation: 100.4 m

## Photo Capture Information

Date: 30/11/2018  
 Time: 14:40  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

## Turbine Information

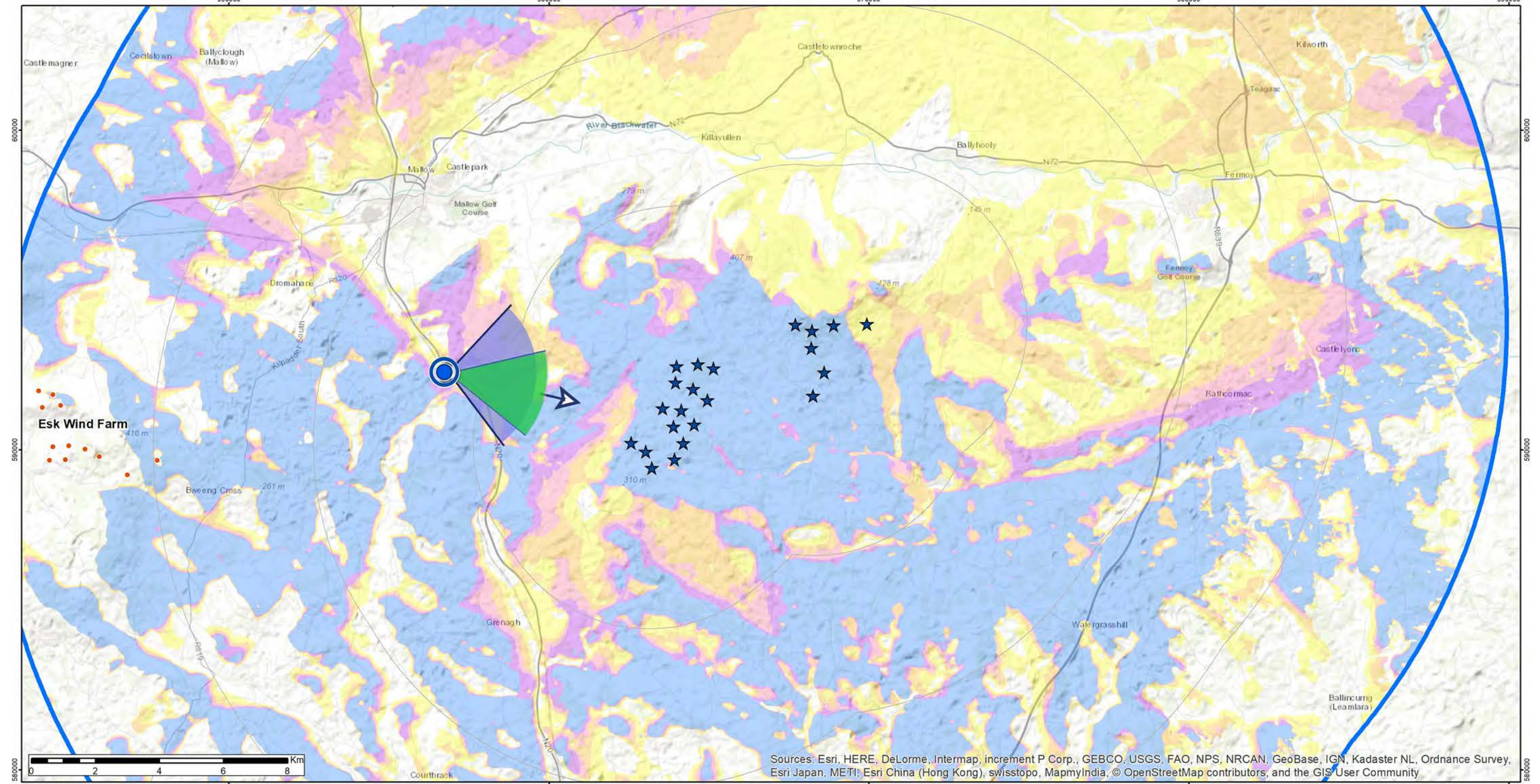
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

## Visibility Information

Number of Nacelles Theoretically Visible: 7  
 Number of Nacelles Actually Visible: 4  
 Angle of View Theoretically Occupied by Turbines: 27.6°  
 Angle of View Actually Occupied by Turbines: 27.6°  
 Distance to Nearest Turbine: 6.3 km  
 Distance to Nearest Visible Turbine: 6.3 km

# Mourneabbey GAA Club

# Viewpoint Ref: VP41



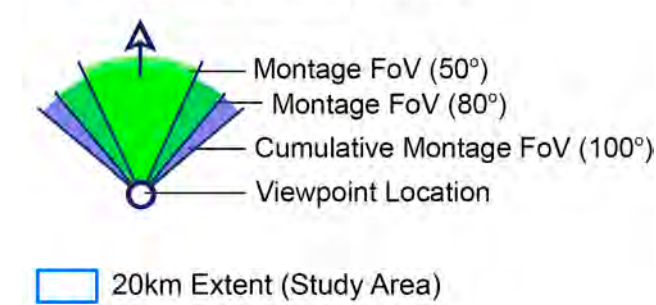
Scale 1:25,000

## 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: 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



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Context / Cumulative Montage View



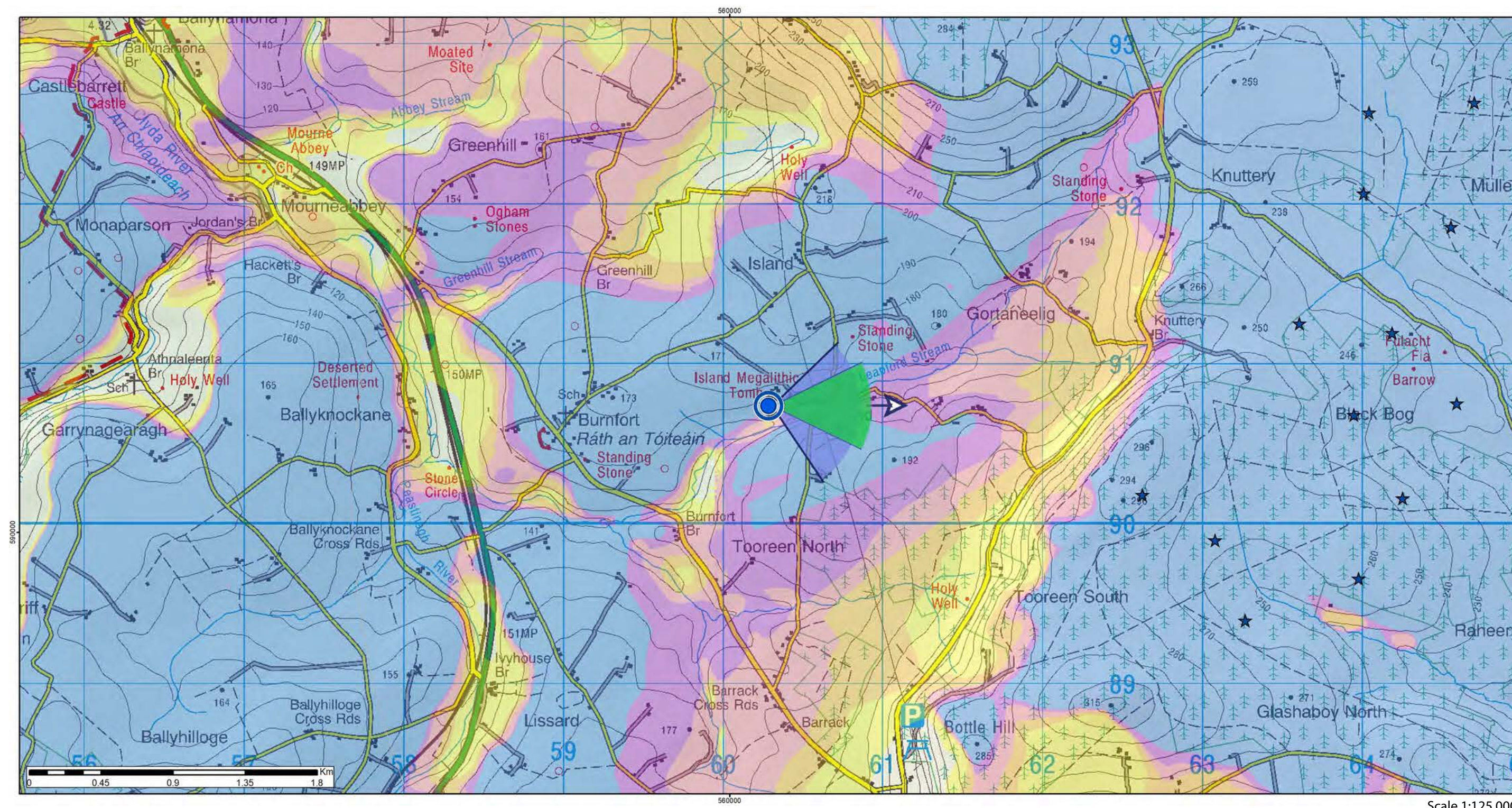
Context / Cumulative Wireframe View

Coom turbines and infrastructure highlighted in blue



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# Coom Green Energy Park - Landscape and Visual Impact Assessment



Scale 1:125,000

## Positional Information

National Grid Cordinate (ITM)  
 Easting: 560243.30  
 Northing: 590792.75  
 Elevation: 156.7 m

## Photo Capture Information

Date: 14/05/2019  
 Time: 15:02  
 Camera: Canon 5D Mark II  
 Lens / Focal Length: Fixed 50mm  
 Camera Height: 1.7m (AGL)

## Turbine Information

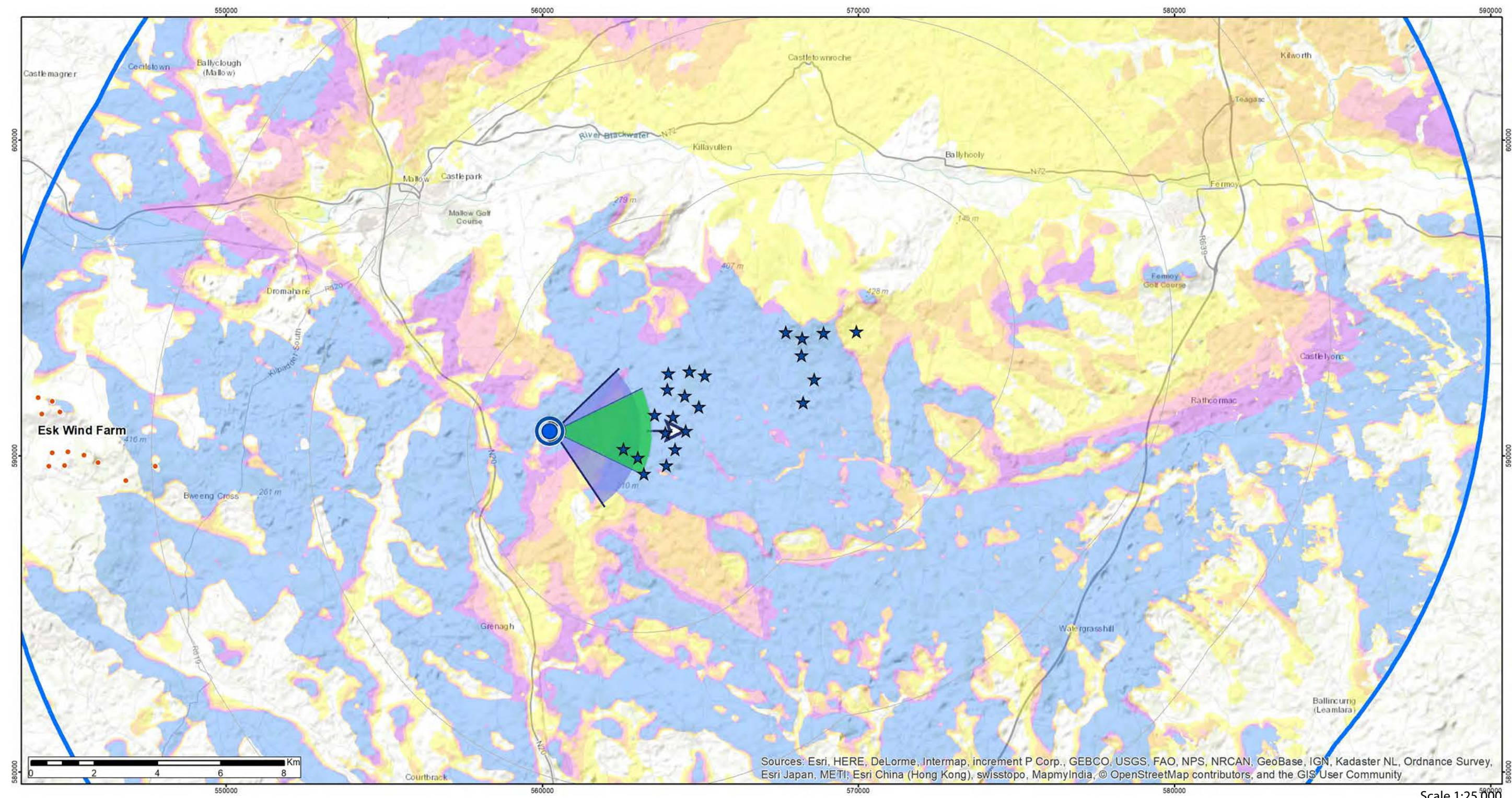
Turbine Dimensions  
 Nacelle Height: 100.0 m  
 Rotor Diameter: 138.0 m  
 Tip Height: 169.0 m

## Visibility Information

Number of Nacelles Theoretically Visible: 12  
 Number of Nacelles Actually Visible: 2  
 Angle of View Theoretically Occupied by Turbines: 52.6°  
 Angle of View Actually Occupied by Turbines: 35.6°  
 Distance to Nearest Turbine: 2.4 km  
 Distance to Nearest Visible Turbine: 2.4 km

# Megalithic Tomb at Island

# Viewpoint Ref: VP42

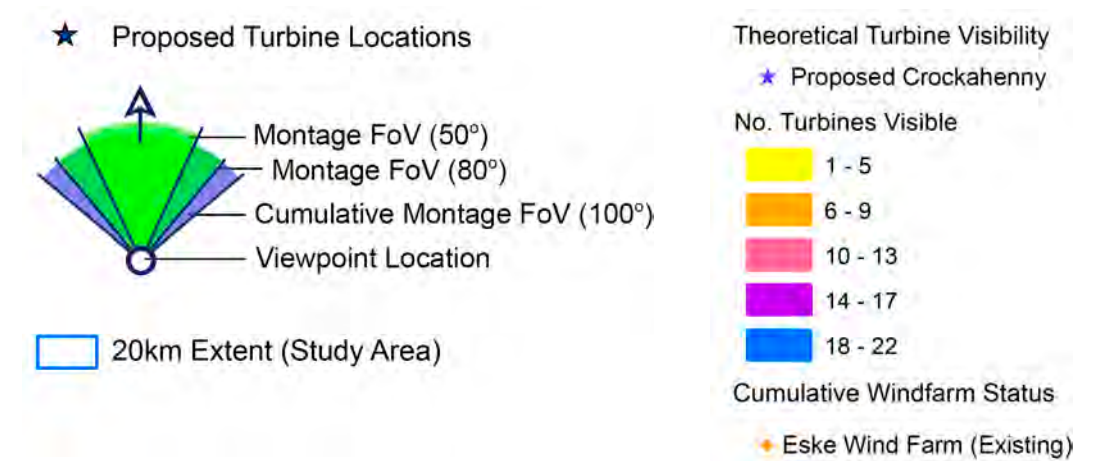


Scale 1:25,000

## 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



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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



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