

Visuals prepared by



LVIA Photomontage Booklet for a proposed wind farm at Drumnahough, Co. Donegal

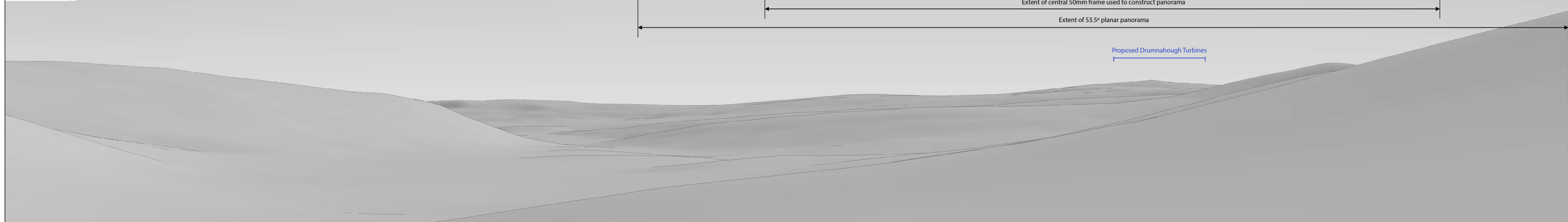
Photography Captured in September/October 2019 & March 2020

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email · info@innovision.ie
website · www.innovision.ie
registered · Innovision Media Limited trading as Innovision - Registered in Ireland No. 580847

Baseline Photograph This image provides landscape and visual context only



Wireline Drawing



Constructed wind farms include: Cark, Cark Extension, Culliagh, Ballytang, Meentycat, Meenagrav, Meenanilta, Meenbog, Meenahorna & Meenalaban. Refer to cumulative ZTV map for further detail.

Drumnahough Wind Farm – Visual Impact Assessment
Viewpoint 1
 View from Glenveagh National Park

0 - 5km from proposed turbines	
5 - 10km from proposed turbines	
10 - 15km from proposed turbines	
15 - 20km from proposed turbines	
20 - 25km from proposed turbines	



Viewing Instructions
 Angle of View of Panorama: 90° (cylindrical projection)
 Principal Distance (printed at 84 x 29.7cm): 52.2cm

Viewpoint Location & Capture Information
 Location (ING): 198864.03, 414766.20
 Camera Level (Metres Above Ordnance Datum): 161.6
 Date & Time: 02/10/2019, 12:56pm
 Weather Conditions: Sunny, Intermittent Cloud

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 10.5
 Number of Drumnahough Nacelles Visible: 0
 Direction of View (From Grid North): 135°

Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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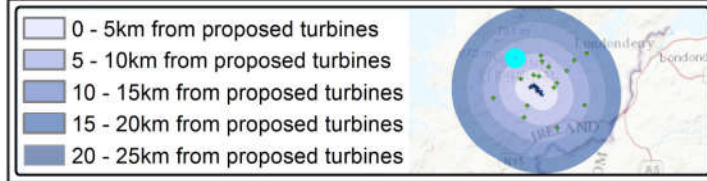
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Drumnahough Wind Farm – Visual Impact Assessment

Viewpoint 1
View from Glenveagh National Park



Viewing Instructions
 Angle of View of Panorama: 53.5° (planar projection)
 Principal Distance (printed at 84 x 29.7cm): 81.25cm
Depicted Turbine Specifications
 Hub: 95m, Tip: 167.5m Rotor Diam. 145m

Viewpoint Location & Capture Information
 Location (ING): 198864.03, 414766.20
 Camera Level (Metres Above Ordnance Datum): 161.6
 Date & Time: 02/10/2019, 12:56pm
 Weather Conditions: Sunny, Intermittent Cloud

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 10.5
 Number of Drumnahough Nacelles Visible: 0
 Direction of View (From Grid North): 135°

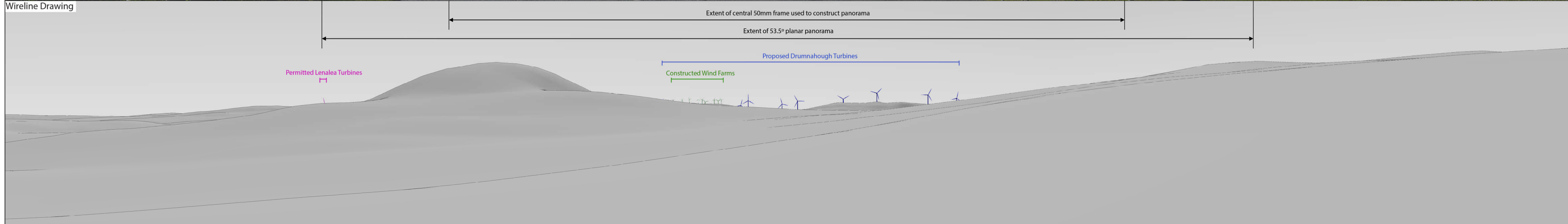
Camera Information
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 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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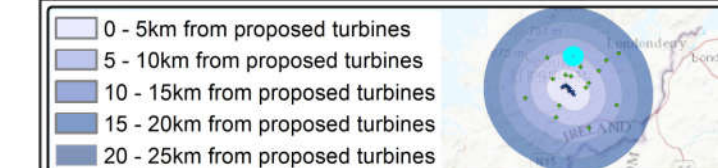


This image provides landscape and visual context only



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Drumnahough Wind Farm – Visual Impact Assessment
Viewpoint 2
 View from R261 in Church Hill



Viewing Instructions
 Angle of View of Panorama: 90° (cylindrical projection)
 Principal Distance (printed at 84 x 29.7cm): 52.2cm

Viewpoint Location & Capture Information
 Location (ING): 207029.67, 415510.34
 Camera Level (Metres Above Ordnance Datum): 136.6
 Date & Time: 13/09/2019, 10:58am
 Weather Conditions: Sunny, Intermittent Cloud

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 9.5
 Number of Drumnahough Nacelles Visible: 0
 Direction of View (From Grid North): 185°

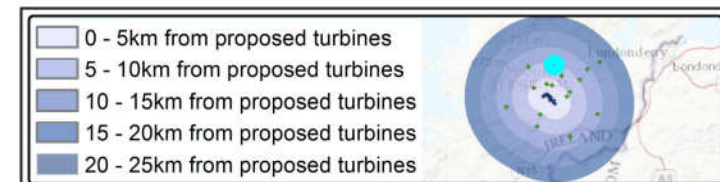
Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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Drumnahough Wind Farm – Visual Impact Assessment

Viewpoint 2
View from R261 in Church Hill



Viewing Instructions
 Angle of View of Panorama: 53.5° (planar projection)
 Principal Distance (printed at 84 x 29.7cm): 81.25cm
Depicted Turbine Specifications
 Hub: 95m, Tip: 167.5m Rotor Diam. 145m

Viewpoint Location & Capture Information
 Location (ING): 207029.67, 415510.34
 Camera Level (Metres Above Ordnance Datum): 136.6
 Date & Time: 13/09/2019, 10:58am
 Weather Conditions: Sunny, Intermittent Cloud

Visibility Information
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 Direction of View (From Grid North): 185°

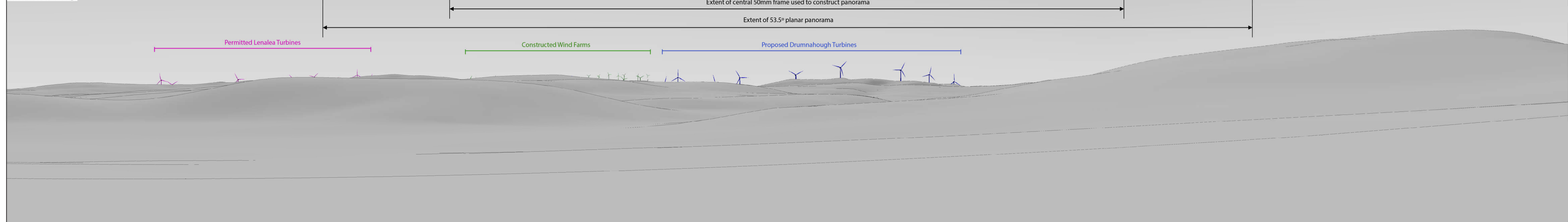
Camera Information
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 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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Baseline Photograph This image provides landscape and visual context only



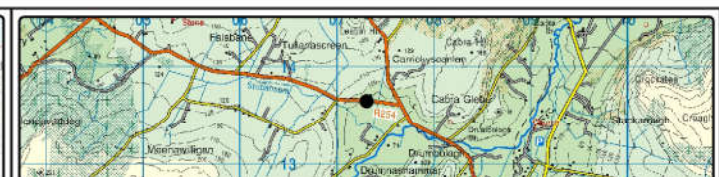
Wireline Drawing



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Drumnahough Wind Farm – Visual Impact Assessment
Viewpoint 3
 View from R254 to Glenveagh

0 - 5km from proposed turbines	
5 - 10km from proposed turbines	
10 - 15km from proposed turbines	
15 - 20km from proposed turbines	
20 - 25km from proposed turbines	



Viewing Instructions
 Angle of View of Panorama: 90° (cylindrical projection)
 Principal Distance (printed at 84 x 29.7cm): 52.2cm

Viewpoint Location & Capture Information
 Location (ING): 207302.34, 413655.28
 Camera Level (Metres Above Ordnance Datum): 88.9
 Date & Time: 13/09/2019, 10:46am
 Weather Conditions: Sunny, Intermittent Cloud

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 7.8
 Number of Drumnahough Nacelles Visible: 6
 Direction of View (From Grid North): 189°

Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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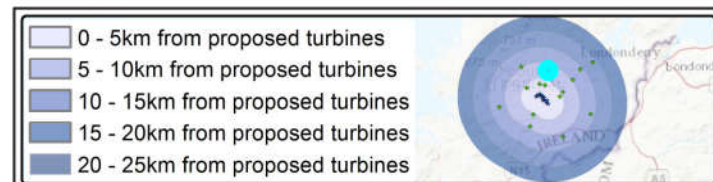
Photomontage

View flat at a comfortable arm's length



Drumnahough Wind Farm – Visual Impact Assessment

Viewpoint 3
View from R254 to Glenveagh



Viewing Instructions
 Angle of View of Panorama: 53.5° (planar projection)
 Principal Distance (printed at 84 x 29.7cm): 81.25cm

Depicted Turbine Specifications
 Hub: 95m, Tip: 167.5m Rotor Diam. 145m

Viewpoint Location & Capture Information
 Location (ING): 207302.34, 413655.28
 Camera Level (Metres Above Ordnance Datum): 88.9
 Date & Time: 13/09/2019, 10:46am
 Weather Conditions: Sunny, Intermittent Cloud

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 7.8
 Number of Drumnahough Nacelles Visible: 6
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Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

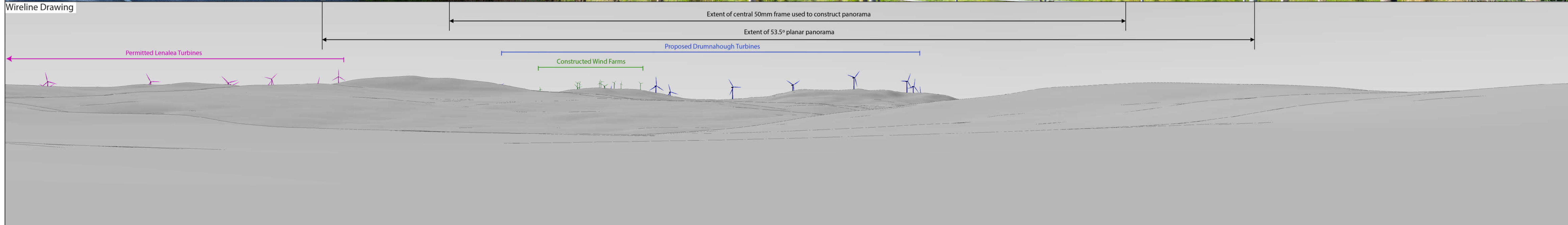
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Baseline Photograph

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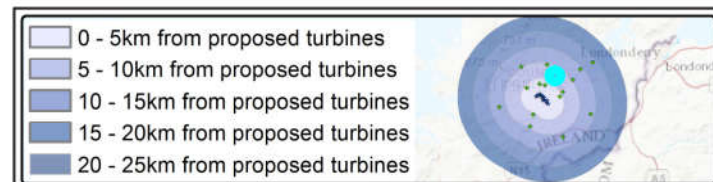
Wireline Drawing



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Drumnahough Wind Farm – Visual Impact Assessment

Viewpoint 4
View from R251 at Drummacanoo



Viewing Instructions
Angle of View of Panorama: 90° (cylindrical projection)
Principal Distance (printed at 84 x 29.7cm): 52.2cm

Viewpoint Location & Capture Information
Location (ING): 209465.59, 411946.69
Camera Level (Metres Above Ordnance Datum): 79.8
Date & Time: 13/09/2019, 10:36am
Weather Conditions: Sunny

Visibility Information
Distance to Nearest Drumnahough Turbine (km): 7.3
Number of Drumnahough Nacelles Visible: 7
Direction of View (From Grid North): 206°

Camera Information
Camera: Canon 5D Mark III
Lens: Canon EF 50mm f/1.4 USM
Focal Length: 50mm

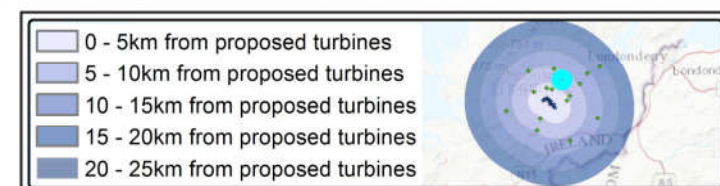
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Photomontage



Drumnahough Wind Farm – Visual Impact Assessment

Viewpoint 4
View from R251 at Drummacanoo



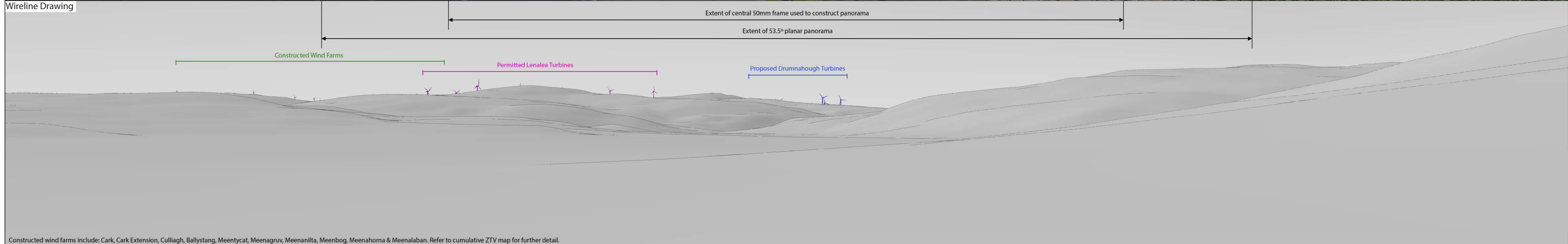
Viewing Instructions
 Angle of View of Panorama: 53.5° (planar projection)
 Principal Distance (printed at 84 x 29.7cm): 81.25cm
Depicted Turbine Specifications
 Hub: 95m, Tip: 167.5m Rotor Diam. 145m

Viewpoint Location & Capture Information
 Location (ING): 209465.59, 411946.69
 Camera Level (Metres Above Ordnance Datum): 79.8
 Date & Time: 13/09/2019, 10:36am
 Weather Conditions: Sunny

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 7.3
 Number of Drumnahough Nacelles Visible: 7
 Direction of View (From Grid North): 206°

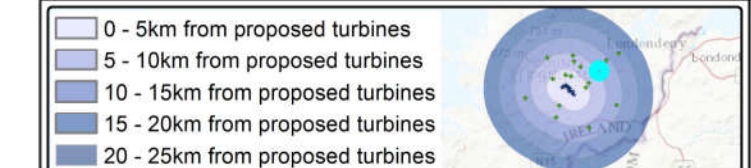
Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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Drumnahough Wind Farm – Visual Impact Assessment
Viewpoint 5
 View from R250 on outskirts of Letterkenny



Viewing Instructions
 Angle of View of Panorama: 90° (cylindrical projection)
 Principal Distance (printed at 84 x 29.7cm): 52.2cm

Viewpoint Location & Capture Information
 Location (ING): 215255.49, 410701.11
 Camera Level (Metres Above Ordnance Datum): 11.6
 Date & Time: 13/09/2019, 11:47am
 Weather Conditions: Sunny

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 10.5
 Number of Drumnahough Nacelles Visible: 3
 Direction of View (From Grid North): 245°

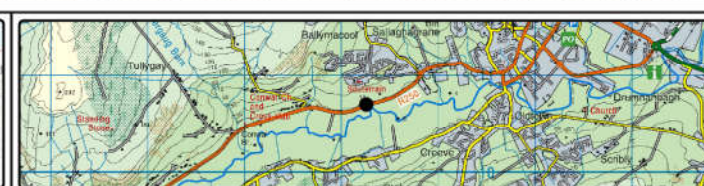
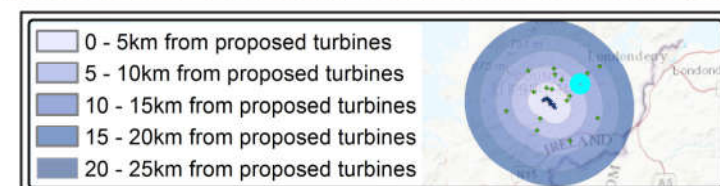
Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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Drumnahough Wind Farm – Visual Impact Assessment

Viewpoint 5
View from R250 on outskirts of Letterkenny



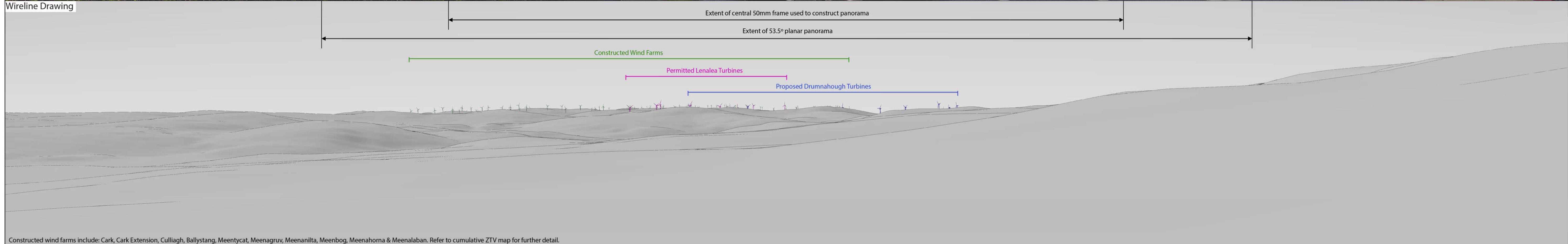
Viewing Instructions
 Angle of View of Panorama: 53.5° (planar projection)
 Principal Distance (printed at 84 x 29.7cm): 81.25cm
Depicted Turbine Specifications
 Hub: 95m, Tip: 167.5m Rotor Diam. 145m

Viewpoint Location & Capture Information
 Location (ING): 215255.49, 410701.11
 Camera Level (Metres Above Ordnance Datum): 11.6
 Date & Time: 13/09/2019, 11:47am
 Weather Conditions: Sunny

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 10.5
 Number of Drumnahough Nacelles Visible: 3
 Direction of View (From Grid North): 245°

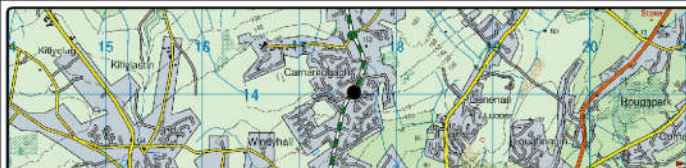
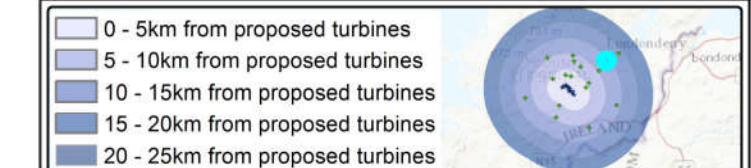
Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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Drumnahough Wind Farm – Visual Impact Assessment
Viewpoint 6
 View from N56 past Letterkenny Hospital



Viewing Instructions
 Angle of View of Panorama: 90° (cylindrical projection)
 Principal Distance (printed at 84 x 29.7cm): 52.2cm

Viewpoint Location & Capture Information
 Location (ING): 217567.27, 414029.41
 Camera Level (Metres Above Ordnance Datum): 140.7
 Date & Time: 13/09/2019, 8:51am
 Weather Conditions: Sunny

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 14.4
 Number of Drumnahough Nacelles Visible: 1
 Direction of View (From Grid North): 232°

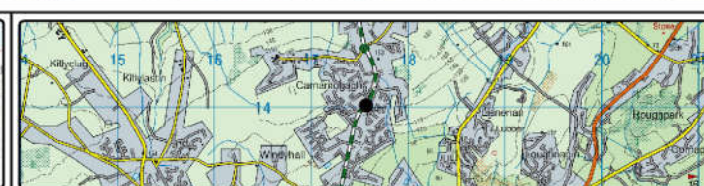
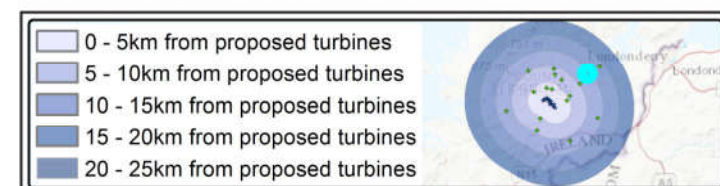
Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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Drumnahough Wind Farm – Visual Impact Assessment

Viewpoint 6
View from N56 past Letterkenny Hospital



Viewing Instructions
Angle of View of Panorama: 53.5° (planar projection)
Principal Distance (printed at 84 x 29.7cm): 81.25cm
Depicted Turbine Specifications
Hub: 95m, Tip: 167.5m Rotor Diam. 145m

Viewpoint Location & Capture Information
Location (ING): 217567.27, 414029.41
Camera Level (Metres Above Ordnance Datum): 140.7
Date & Time: 13/09/2019, 8:51am
Weather Conditions: Sunny

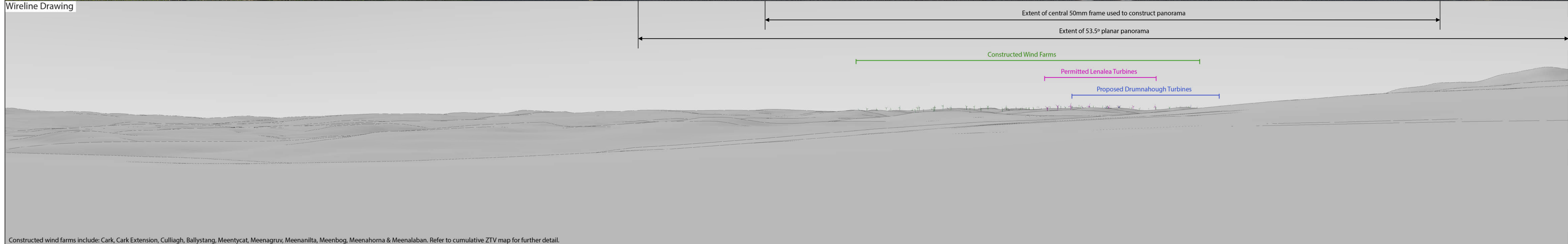
Visibility Information
Distance to Nearest Drumnahough Turbine (km): 14.4
Number of Drumnahough Nacelles Visible: 1
Direction of View (From Grid North): 232°

Camera Information
Camera: Canon 5D Mark III
Lens: Canon EF 50mm f/1.4 USM
Focal Length: 50mm

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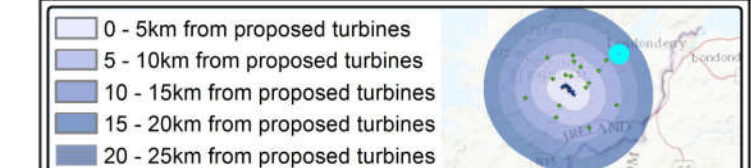


This image provides landscape and visual context only



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Drumnahough Wind Farm – Visual Impact Assessment
Viewpoint 7
 View from R245 at Drumnaskea



Viewing Instructions
 Angle of View of Panorama: 90° (cylindrical projection)
 Principal Distance (printed at 84 x 29.7cm): 52.2cm

Viewpoint Location & Capture Information
 Location (ING): 221568.78, 416195.13
 Camera Level (Metres Above Ordnance Datum): 90.1
 Date & Time: 13/09/2019, 08:30am
 Weather Conditions: Sunny

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 18.8
 Number of Drumnahough Nacelles Visible: 0
 Direction of View (From Grid North): 227°

Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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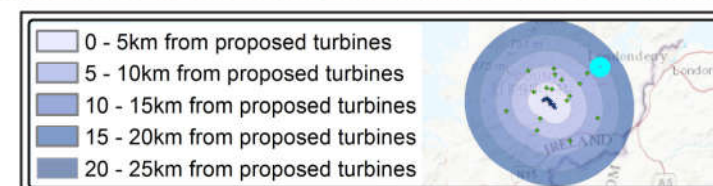
Photomontage

Proposed Drumnahough turbines not visible from this viewpoint



Drumnahough Wind Farm – Visual Impact Assessment

Viewpoint 7
View from R245 at Drumnaskea



Viewing Instructions
 Angle of View of Panorama: 53.5° (planar projection)
 Principal Distance (printed at 84 x 29.7cm): 81.25cm
Depicted Turbine Specifications
 Hub: 95m, Tip: 167.5m Rotor Diam. 145m

Viewpoint Location & Capture Information
 Location (ING): 221568.78, 416195.13
 Camera Level (Metres Above Ordnance Datum): 90.1
 Date & Time: 13/09/2019, 08:30am
 Weather Conditions: Sunny

Visibility Information
 Distance to Nearest Drumnahough Turbine (km): 18.8
 Number of Drumnahough Nacelles Visible: 0
 Direction of View (From Grid North): 227°

Camera Information
 Camera: Canon 5D Mark III
 Lens: Canon EF 50mm f/1.4 USM
 Focal Length: 50mm

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