Coumnagappul Wind Farm

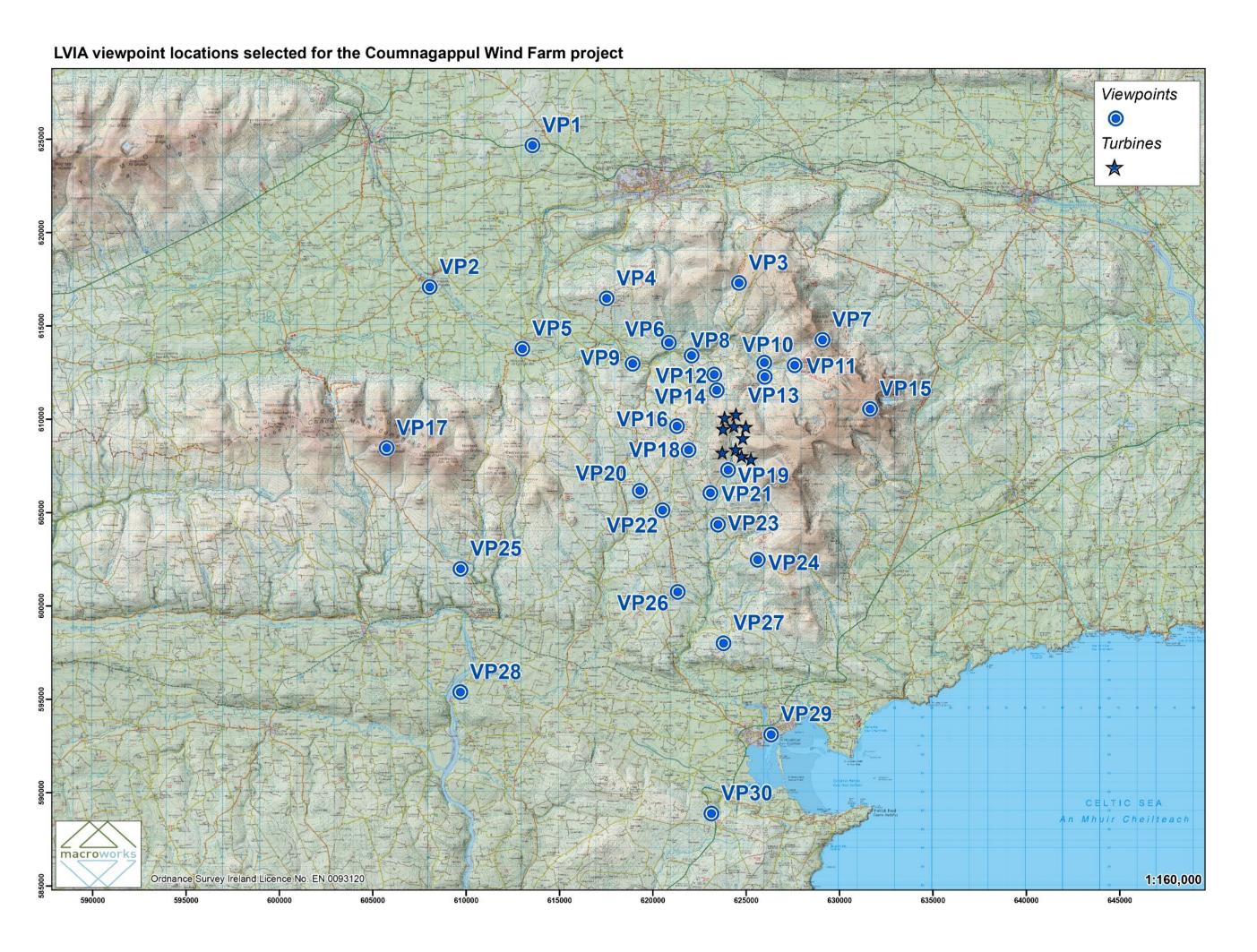
Appendix 16.2: LVIA Photomontages Book 2: VP17 - VP30

This book contains imagery for the viewpoints chosen for the LVIA study

September 2023



Index of Imagery



VP17: Knockmealedown Summit

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP18: Local road west of Sweep Cross Roads

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP19: Local road at Glennaneane

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

Page 2: Wireline

Page 3: Photomontage

Page 4: Wireline

Page 5: Photomontage

VP20: Local road at Glennaneane

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP21: Local road at Bleantasour

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP22: R672 at Kilcooney south of Clooncogaile Cross Roads

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP23: Local road at Kilbrien

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP24: Local road at Bohadoon

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP25: R669 at Boherboyrea

Page 1: Baseline (Contextual Wireline and Photo)

Page 3: Wireline

Page 4: Photomontage

VP26: R672 at Colligan

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP27: Local road at Currabaha

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP28: Local road at Dromana east of the River Blackwater

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

VP29: Davitts Quay, Dungarvan

Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

Page 4: Contextual Photomontage

VP30: N25 layby at Barranalira (Viewing point)

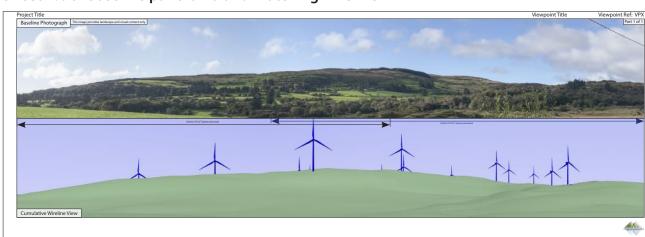
Page 1: Baseline (Contextual Wireline and Photo)

Page 2: Wireline

Page 3: Photomontage

How photomontages are presented for each viewpoint

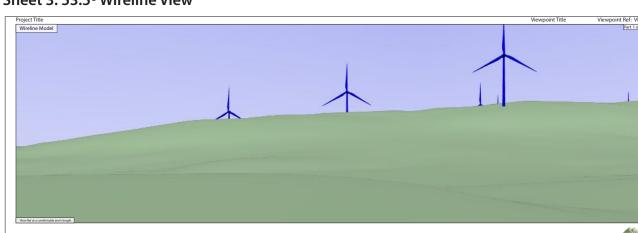
Sheet 1: 90° Baseline panorama and matching wireline



Sheet 2 (provided where necessary): Contextual Panoramic Photomontage View (120° - 180°)



Sheet 3: 53.5° Wireline View



Sheet 4: 53.5° Panoramic Photomontage View



What is Displayed

90° Baseline Panorama Photograph and matching Cumulative Wireline (Cylindrical Projection - to be viewed curved):

The top image depicts a 90° (included angle) Baseline panorama generated from captured photography.

The bottom image depicts a 90° (included angle) matching computer generated wireline. This image includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted and/or proposed wind farm developments in the public domain).

Extent bars indicate the extent of the 53.5° Panoramic Photomontage/Wireline Views within the depicted 90° Baseline views.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

Contextual Panoramic Photomontage View (ranging from 120° to 180°) (Cylindrical Projection - to be viewed curved):

The image demonstrates a contextual panoramic photomontage view (ranging from 120° to 180° included angle) which is generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

Extent bars indicate the extent of both the 53.5° Panoramic Photomontage/Wireline Views and the 90° Baseline Views within the depicted Contextual Panoramic Photomontage View.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

53.5° Wireline View (Planar Projection - to be viewed flat)

This image shows a 53.5° (included angle) Wireline View which matches the 53.5° Panoramic Photomontage View. It includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted and/or proposed wind farm developments in the public domain).

Wirelines are computer-generated images which depict the 'bare ground' terrain along with the proposed wind farm development and other cumulative wind farms developments within the depicted view. They are generated in GIS (Geographic Information System) mapping software based from a DTM (Digital Terrain Model).

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

53.5° Panoramic Photomontage View (Planar Projection - to be viewed flat):

This image demonstrates a 53.5° (included angle) photomontage generated from captured photography. It includes the proposed wind farm developments.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

An additional page not required by the guidelines, this contextual photomontage view is included to give a broader context to the viewer. It is generally included where there are multiple 90° and 53.5° views, which are required by the guidelines, for a particular viewpoint.

Rationale

As required by the SNH guidelines, the purpose of the baseline panorama and wireline is to provide wider landscape and visual context to help the viewer

understand where development sits within the wider landscape. The wireline also illustrates cumulative effects and provides the viewer with the full cumulative

context. The baseline panorama is not intended to represent how large or small the turbines will appear in reality or how close they will appear to the viewer.

As required by the SNH guidelines, the A1 wireline is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location.

It illustrates the 'bare ground' visibility and a provide a clear view of the wind farm to inform the assessment. Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.

As required by the SNH guidelines, the A1 panorama is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location. Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.



1.7m (AGL)

This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.





Easting: 6057 Northing: 6084 Elevation: 788.2 Principal Distance: 812.5 mm
Paper size: (half A1) 841 x 297 mm
Correct printed image size: 820 x 260 mm

Date and Til Camera: Lens: ne: 22/04/21 16:31

Canon 5D Mark II

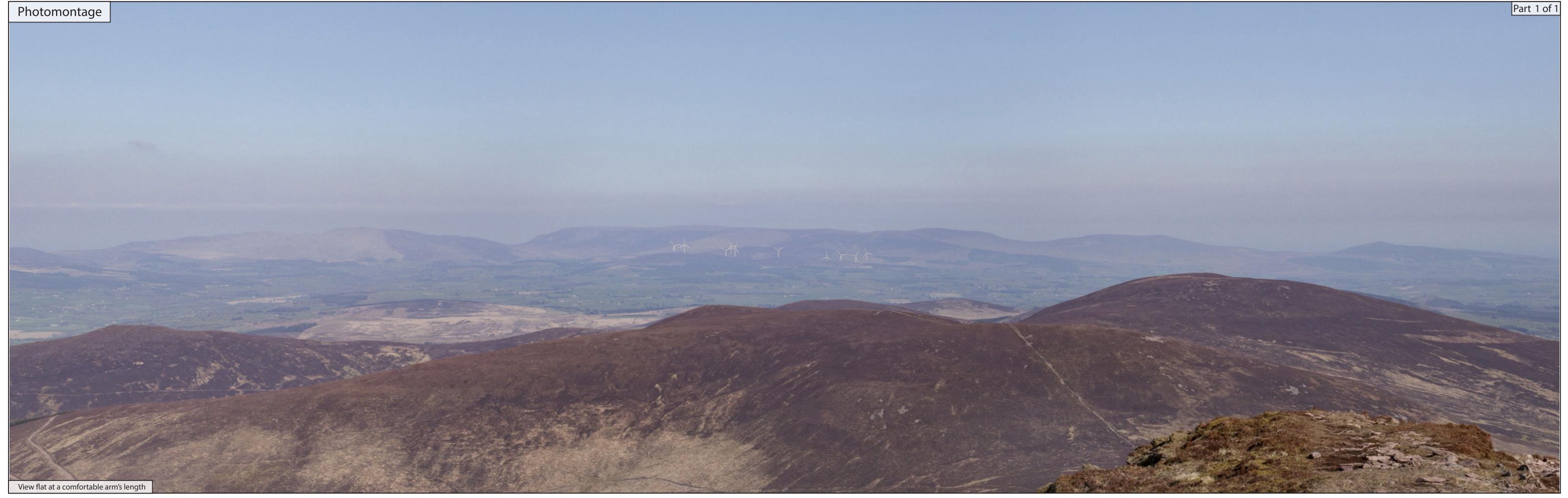
Fixed 50mm

ght: 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine: 89 ° 18 I



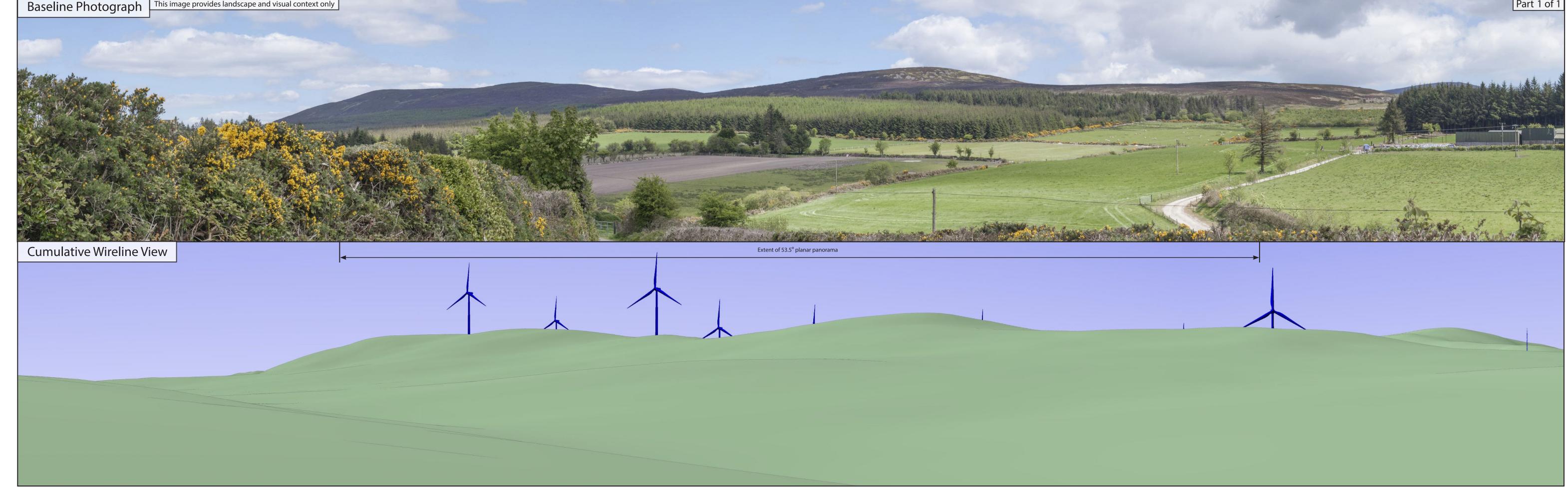
Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Knockmealedown Summit VP17





22/04/21 16:31 Canon 5D Mark II Fixed 50mm 1.7m (AGL)





This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.





Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:



This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



View flat at a comfortable arm's length



Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

71 ° 1.8 km T12



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road west of Sweep Cross Roads VP18





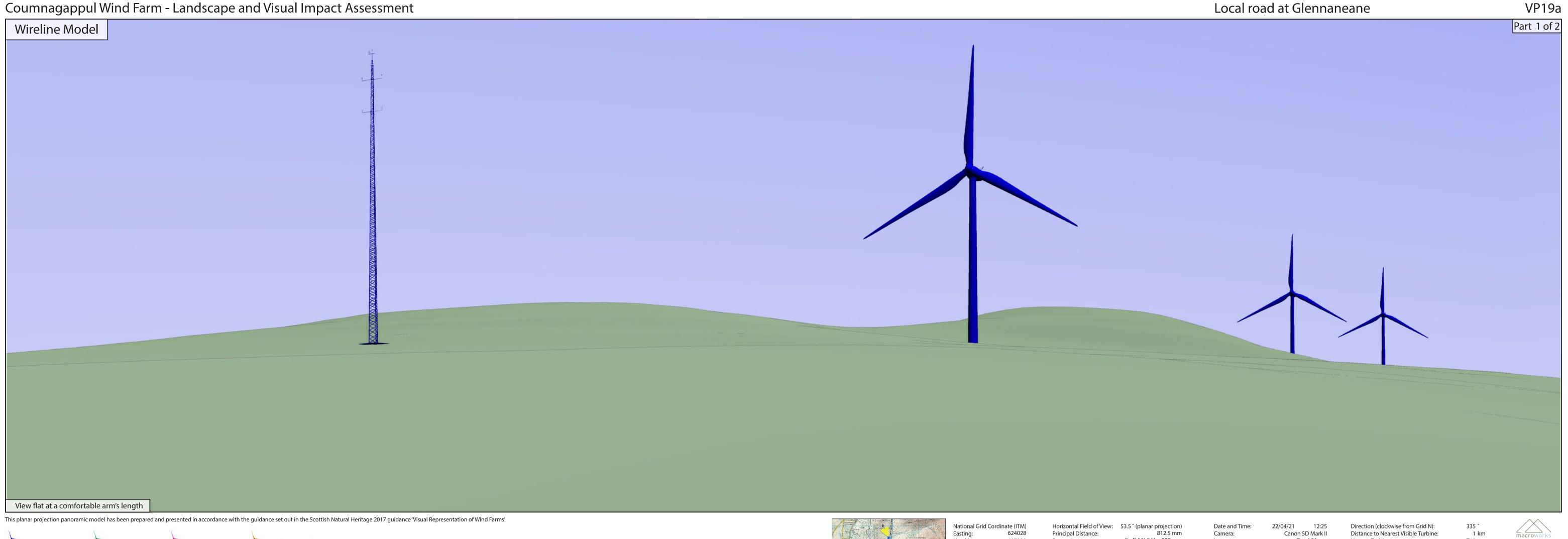


Canon 5D Mark II Fixed 50mm

1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine:







Northing:

(half A1) 841 x 297 mm Correct printed image size: 820 x 260 mm

Camera Height:

Fixed 50mm 1.7m (AGL)

Nearest Turbine:



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Glennaneane VP19a







Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Glennaneane VP19b



This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



1.7m (AGL)

Canon 5D Mark II Fixed 50mm





Horizontal Field of View: 53.5 ° (planar projection)
Principal Distance: 812.5 mm Correct printed image size: 820 x 260 mm

Canon 5D Mark II Fixed 50mm 1.7m (AGL)



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Glennaneane VP19c



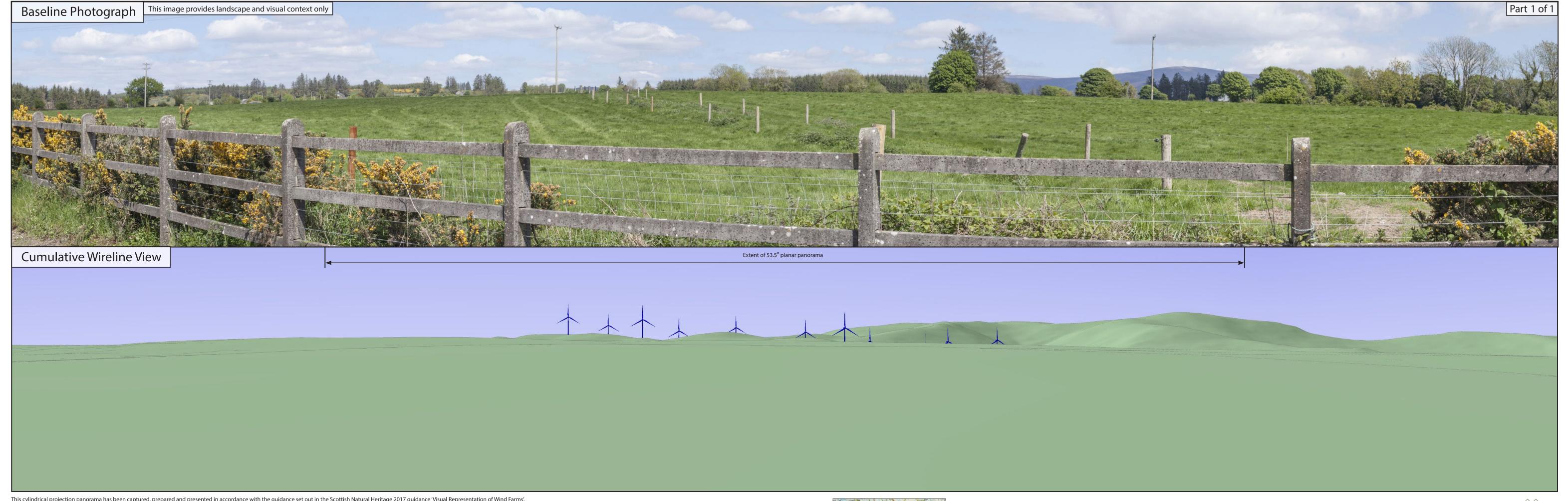
This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



1.7m (AGL)

2/04/21 12:25 Canon 5D Mark II Fixed 50mm







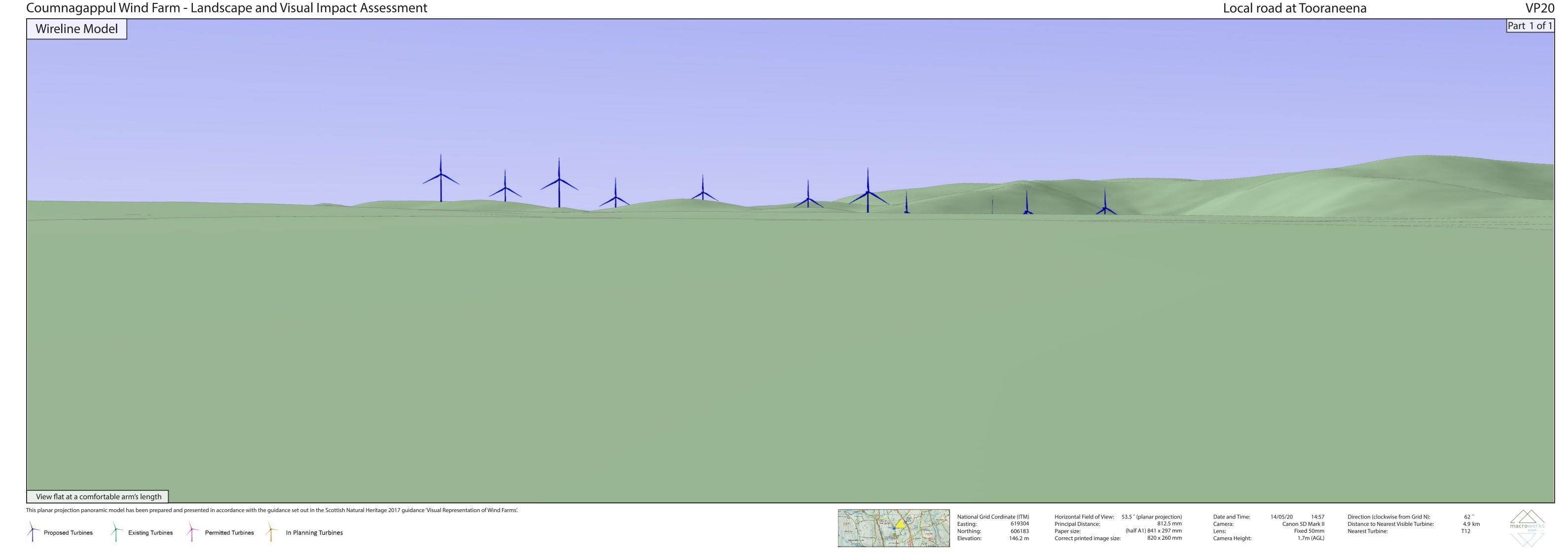




Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:





Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Tooraneena VP20







Canon 5D Mark II Fixed 50mm 1.7m (AGL)





This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



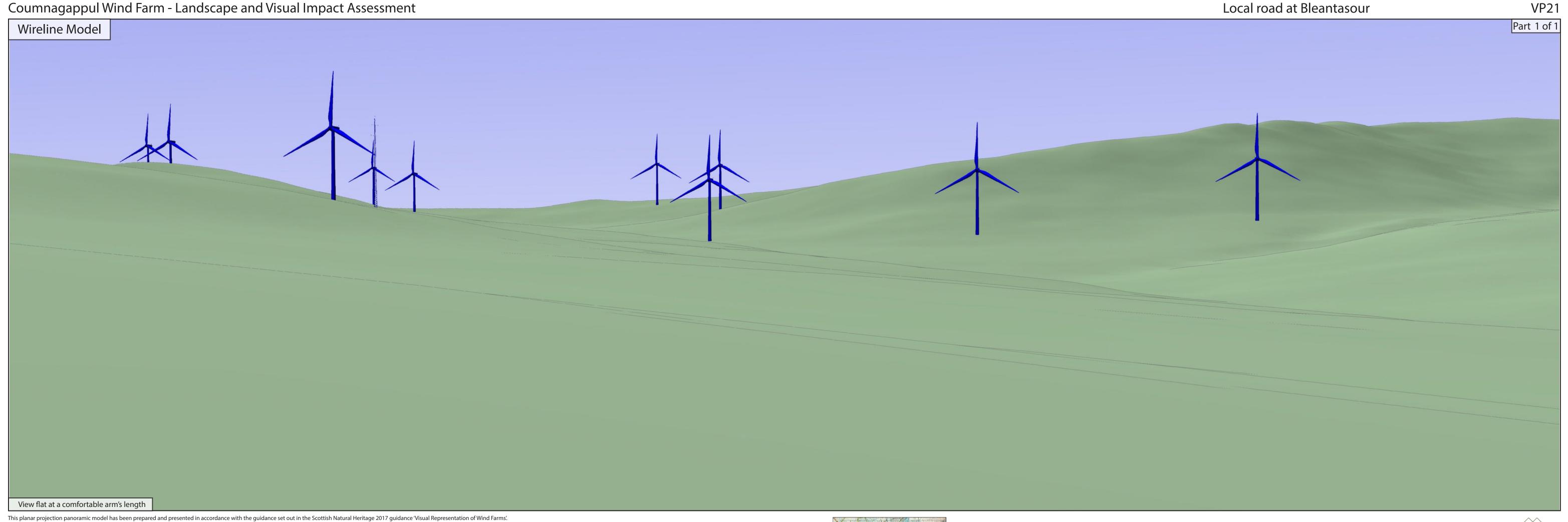


Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:



VP21



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National Grid Cordina Easting: Northing: Horizontal Field of View: 53.5° (planar p Principal Distance: Paper size: (half A1) 841 Date and Ti Camera: Lens: 22/04/21 12:32 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

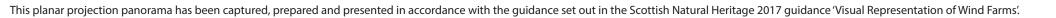
Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

33 ° 2.5 k T12



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Bleantasour VP21

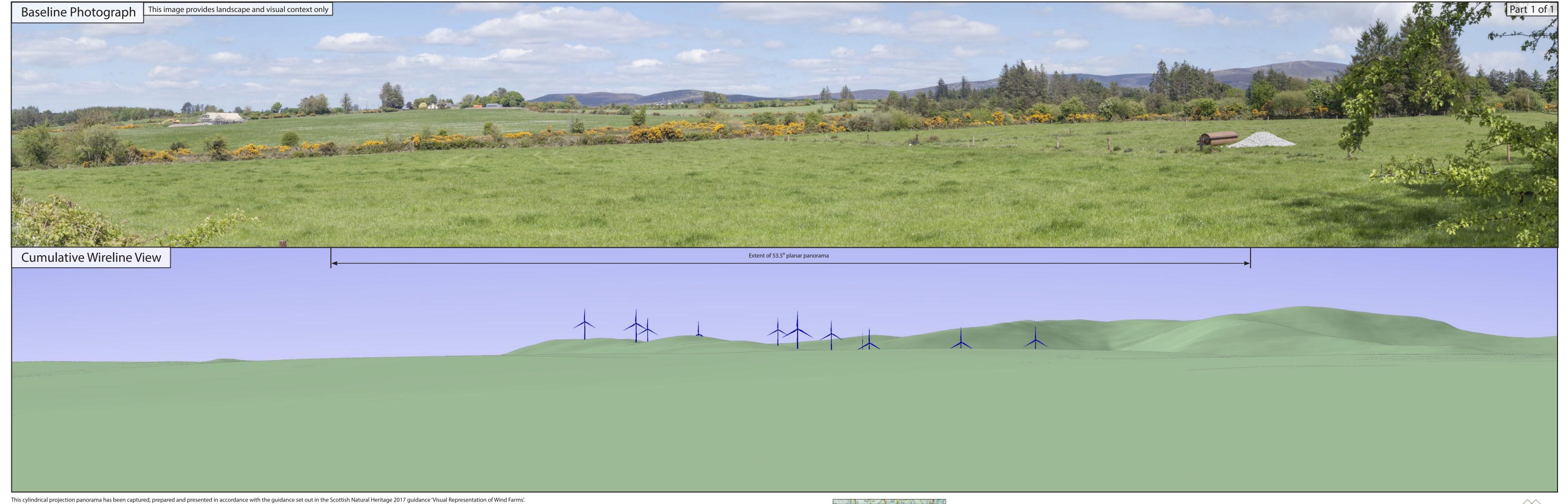






Canon 5D Mark II Fixed 50mm 1.7m (AGL)









National Grid Cord Easting: Northing:

Principal Distance: 5
Turbine Tip Height:
Turbine Hub Height:
Turbine Rotor Diameter:

Date and Camera: Lens: Camera 14/05/20 15:07 Canon 5D Mark II Fixed 50mm

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

45 ° 5.2 km T12

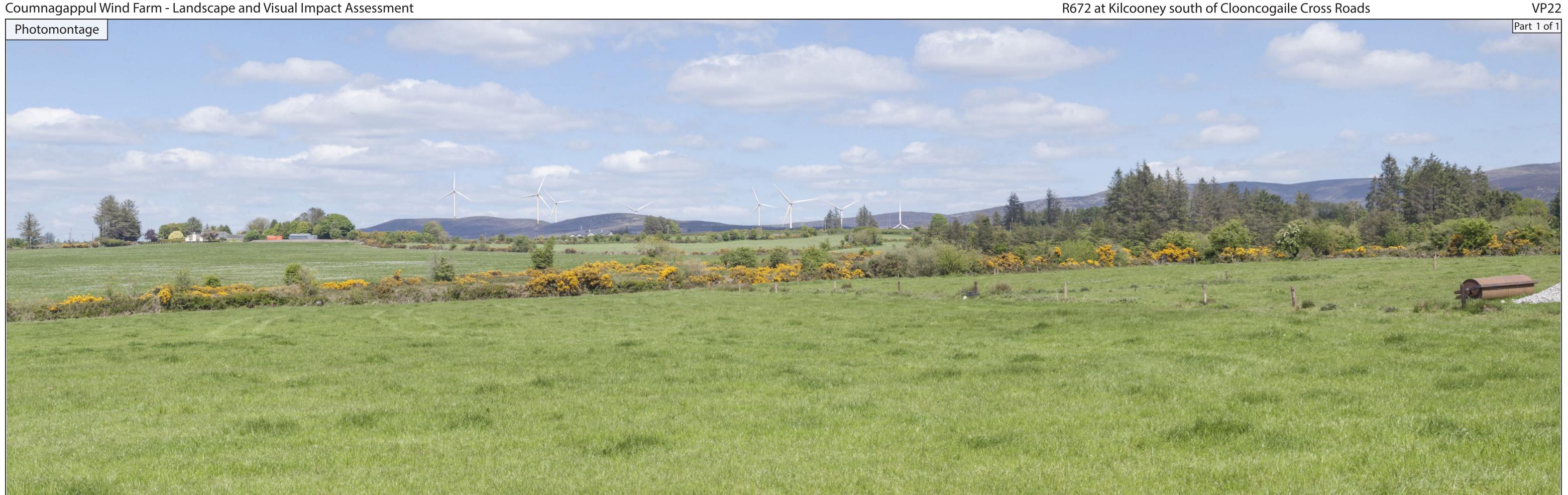


VP22





Coumnagappul Wind Farm - Landscape and Visual Impact Assessment





View flat at a comfortable arm's length



Fixed 50mm 1.7m (AGL)

Nearest Turbine:

Distance to Nearest Visible Turbine:





This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

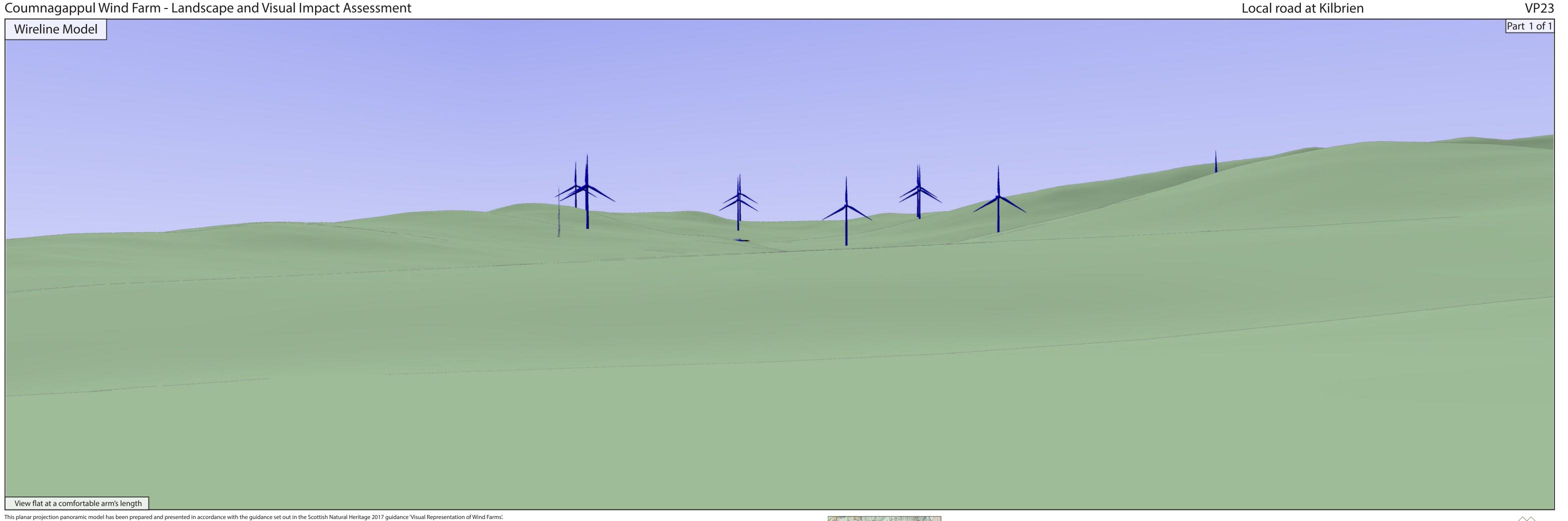




Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:





is planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.





Rational Grid Cordii
Easting:
Northing:
Elevation:

Horizontal Field of View: 53.5° (planar projection)
Principal Distance: 812.5 mm
Paper size: (half A1) 841 x 297 mm
Correct printed image size: 820 x 260 mm

Date and Tir Camera: Lens: : 14/05/20 15:46 Canon 5D Mark II Fixed 50mm :: 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

11 ° 4 k T12



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Kilbrien VP23



This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



Canon 5D Mark II 1.7m (AGL)





This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.





Canon 5D Mark II Fixed 50mm



This planar projection panoramic model has been prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.





Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

348 ° 5.4 k



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Bohadoon VP24







Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:



Nearest Turbine:



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment R669 at Boherboyrea

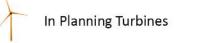




Canon 5D Mark II Fixed 50mm 1.7m (AGL)



This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.

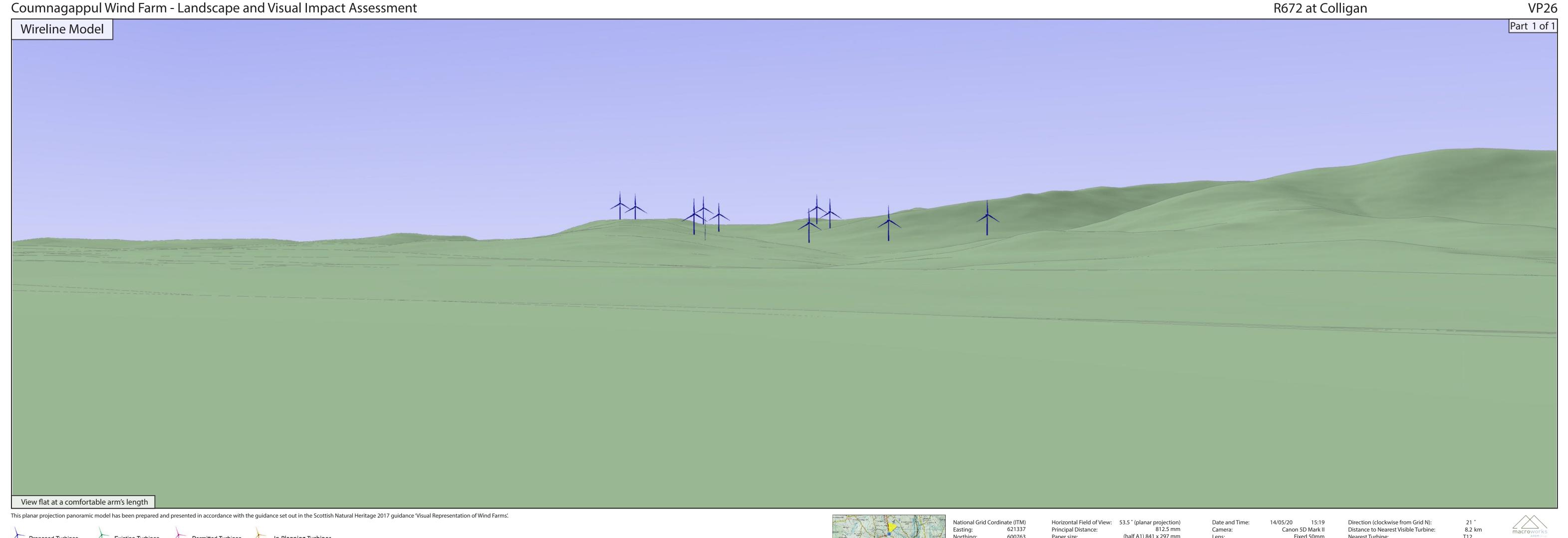




Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:

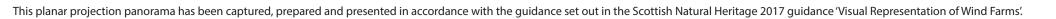




Canon 5D Mark II Fixed 50mm Nearest Turbine: 1.7m (AGL)

Coumnagappul Wind Farm - Landscape and Visual Impact Assessment R672 at Colligan VP26







Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:









National Grid Cordi Easting: Northing: Horizontal Field of View: 90° (cylindrical Principal Distance: 522 Turbine Tip Height: 1 Turbine Hub Height: 1 n) Date and Camera: Lens: 22/04/21 12:47 Canon 5D Mark II Fixed 50mm

7 Direction (clockwise from Grid N): II Distance to Nearest Visible Turbine: Nearest Turbine:

3 ° 9.9 k





n) Date and Tim n Camera: n Lens: n Camera Heigh

me: 22/04/21 12:47 Canon 5D Mark II Fixed 50mm ight: 1.7m (AGL)

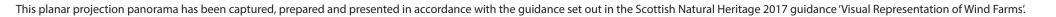
Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

3 · 9.9 k T11



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Currabaha VP27







/04/21 12:47 Canon 5D Mark II 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine: Fixed 50mm









National Grid Cord Easting: Northing: Horizontal Field of View: 90° (cylindrical Principal Distance: 522 Turbine Tip Height: 1 Turbine Hub Height: 1 Date and Ti Camera: Lens: Camera He 22/04/21 14:41 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

Grid N): 4 Turbine: 19





Correct printed image size: 820 x 260 mm

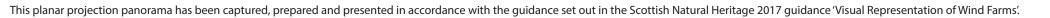
Fixed 50mm 1.7m (AGL)

Nearest Turbine:



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Local road at Dromana east of the River Blackwater







Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine:









Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:



View flat at a comfortable arm's length





Direction (clockwise from Grid N):
Distance to Nearest Visible Turbine:
Nearest Turbine:

353 ° 15.6 km T11



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment Davitts Quay, Dungarvan



This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine: Fixed 50mm







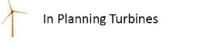


Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:



View flat at a comfortable arm's length





National Grid Cordi Easting: Northing:

Principal Distance: 53.5 (planar p Principal Distance: 6 Paper size: (half A1) 841 : Correct printed image size: 820 : n) Date and m Camera: m Lens: : 22/04/21 14:09 Canon 5D Mark II Fixed 50mm :: 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

3 ° 19.1 k



Coumnagappul Wind Farm - Landscape and Visual Impact Assessment N25 layby at Barranalira (Viewing point)



This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

