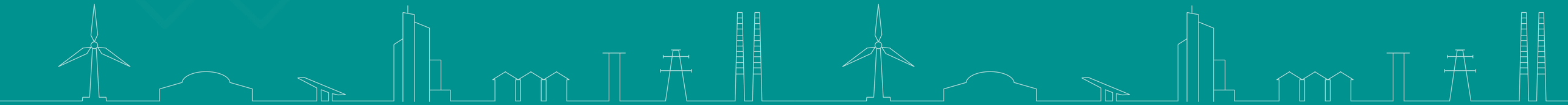
macroworks

LVIA PHOTOMONTAGES

Littleton Wind Farm
Book 1: VP1 - VP14

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

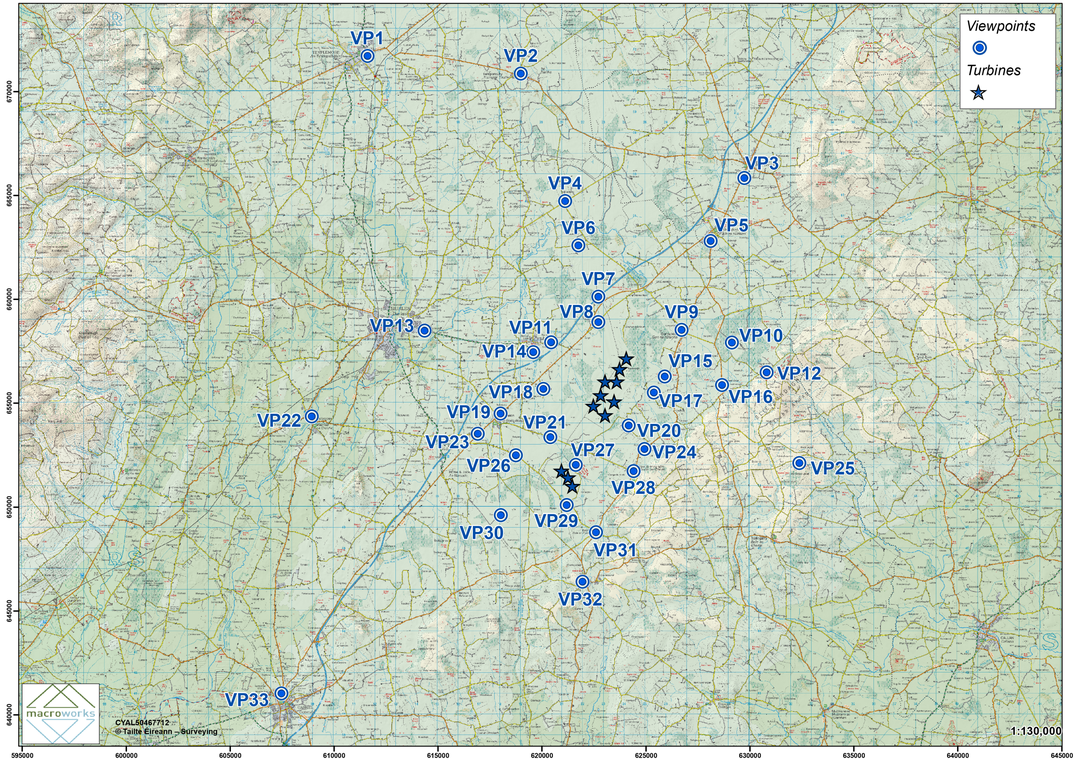
April 2026



LVIA I TVIA I Landscape Design I Visibility Analysis I Glint and Glare I Verified Photomontages I CGI I Shadow Flicker Analysis

Index of Imagery

Viewpoint locations selected for the Littleton Wind Farm project



VP1: Graveyard at Templemore
Page 1: Baseline (Contextual Wireline and Photo)
*Please Note: The proposed wind farm is not visible from this viewpoint as it is completey screened by existing vegetation and/or terrain

VP2: Templetuohy Cemetery
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP3: Johnstown Cemetery
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP4: Local cemetery at Cooleeny
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP5: R689 at Urlingford
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP6: Local road at Castletown
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP7: M8 at Lonfordpass North
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP8: Local road at Leigh
Page 1: Baseline (Contextual Wireline and Photo)
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage
Page 4: Wireline
Page 5: Photomontage

VP9: Good Shepherd Cemetery Gortnahoe
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage
Page 4: Wireline
Page 5: Photomontage

VP10: Kilcooley Abbey
Page 1: Baseline (Contextual Wireline and Photo)
*Please Note: The proposed wind farm is not visible from this viewpoint as it is completey screened by existing vegetation and/or terrain

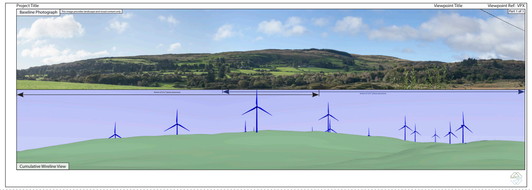
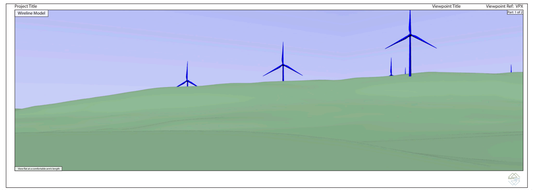
VP11: L4202 at Twomileborris
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP12: Local road at Grangecastle
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP13: N75 east of Thurles
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage

VP14: N75 at Borris
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Wireline
Page 3: Photomontage
Page 4: Wireline
Page 5: Photomontage

How photomontages are presented for each viewpoint

	What is Displayed	Rationale
Sheet 1: 90º Baseline panorama and matching wireline 	90º Baseline Panorama Photograph and matching Cumulative Wireline (Cylindrical Projection - to be viewed curved): The top image depicts a 90º (included angle) Baseline panorama generated from captured photography. The bottom image depicts a 90º (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 wind farm developments in the public domain and projects in the planning system pending a decision from a planning authority). Extent bars indicate the extent of the 53.5º Panoramic Photomontage/Wireline Views within the depicted 90º 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.	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.
Sheet 2 (provided where necessary): Contextual Panoramic Photomontage View (120º - 180º) 	Contextual Panoramic Photomontage View (ranging from 120º to 180º) (Cylindrical Projection - to be viewed curved): The image demonstrates a contextual panoramic photomontage view (ranging from 120º to 180º 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 53.5º Panoramic Photomontage/Wireline Views and the 90º 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.	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 90º and 53.5º views, which are required by the guidelines, for a particular viewpoint.
Sheet 3: 53.5º Wireline View 	53.5º Wireline View (Planar Projection - to be viewed flat) This image shows a 53.5º (included angle) Wireline View which matches the 53.5º Panoramic Photomontage View. It includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted wind farm developments in the public domain and projects in the planning system pending a decision from a planning authority). 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.	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.**
Sheet 4: 53.5º Panoramic Photomontage View 	53.5º Panoramic Photomontage View (Planar Projection - to be viewed flat): This image demonstrates a 53.5º (included angle) photomontage generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative 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.	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.**

macroworks
APEM Group

Littleton Wind Farm - Landscape and Visual Impact Assessment

Graveyard at Templemore

Viewpoint Ref: VP1

Baseline Photograph

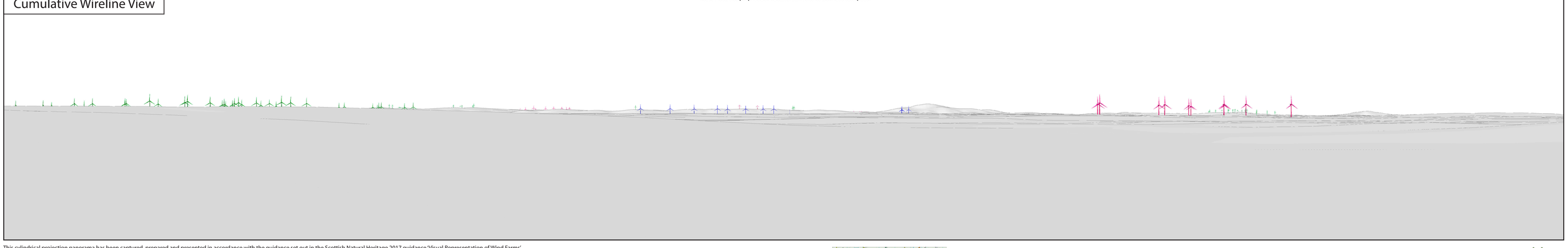
This image provides landscape and visual context only

Part 1 of 1



Please Note: The proposed wind farm is not visible from this viewpoint

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	611603
Northing:	671712
Elevation:	118 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	11/08/22 15:31
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	148 °
Distance to Nearest Visible Turbine:	N/A km
Nearest Turbine:	T01

macroworks

Littleton Wind Farm - Landscape and Visual Impact Assessment

Templetuohy Cemetery

Viewpoint Ref: VP2

Baseline Photograph

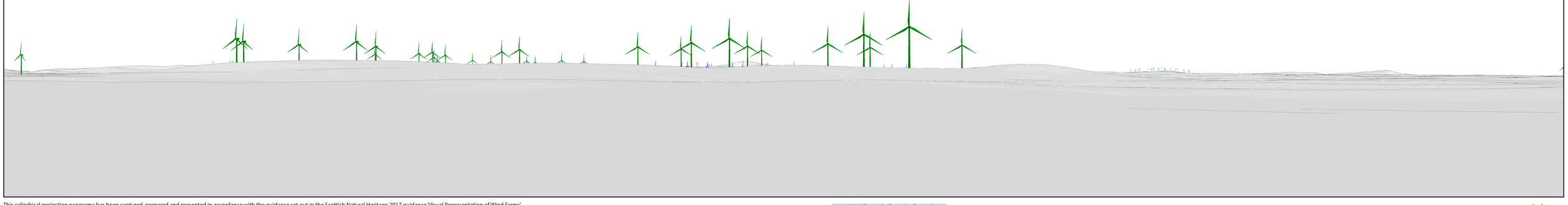
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	618974
Northing:	670857
Elevation:	138 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	11/08/22 15:46
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	167 °
Distance to Nearest Visible Turbine:	14.6 km
Nearest Turbine:	T01

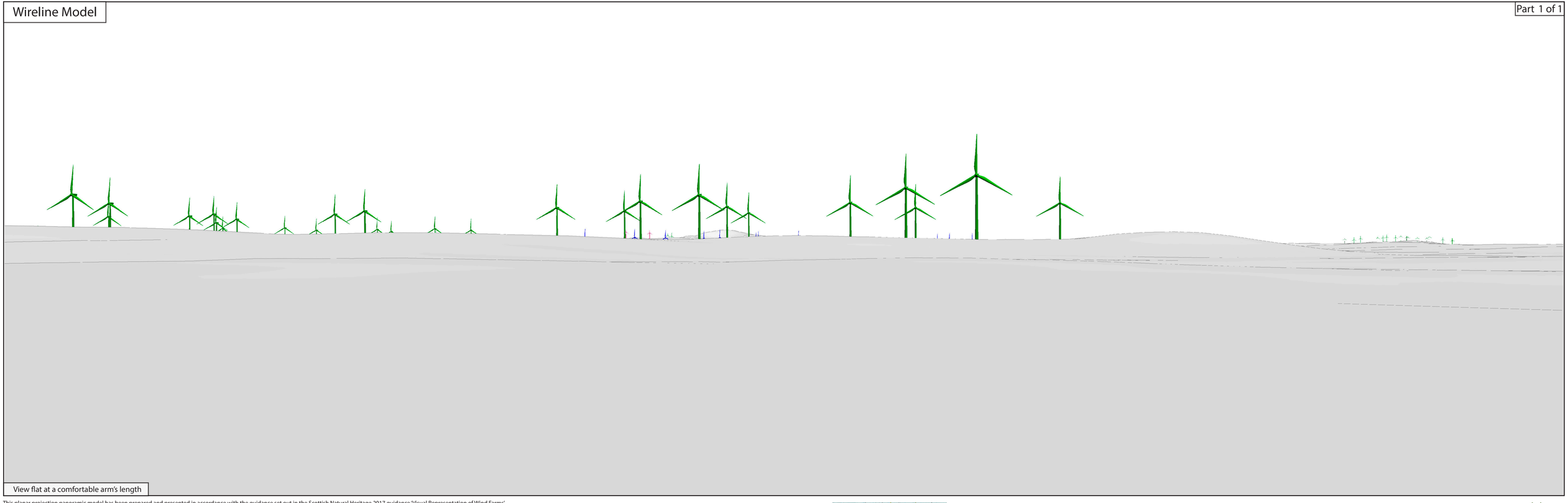
macroworks APEM Group

Templetuohy Cemetery

Viewpoint Ref: VP2

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	618974
Northing:	670857
Elevation:	138 m

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 Time:	11/08/22 15:46
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	167 °
Distance to Nearest Visible Turbine:	14.6 km
Nearest Turbine:	T01

macroworks

Templetuohy Cemetery

Viewpoint Ref: VP2

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	618974
Northing:	670857
Elevation:	138 m

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 Time:	11/08/22 15:46
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	167 °
Distance to Nearest Visible Turbine:	14.6 km
Nearest Turbine:	T01

macroworks APEM Group

Johnstown Cemetery

Viewpoint Ref: VP3

Baseline Photograph

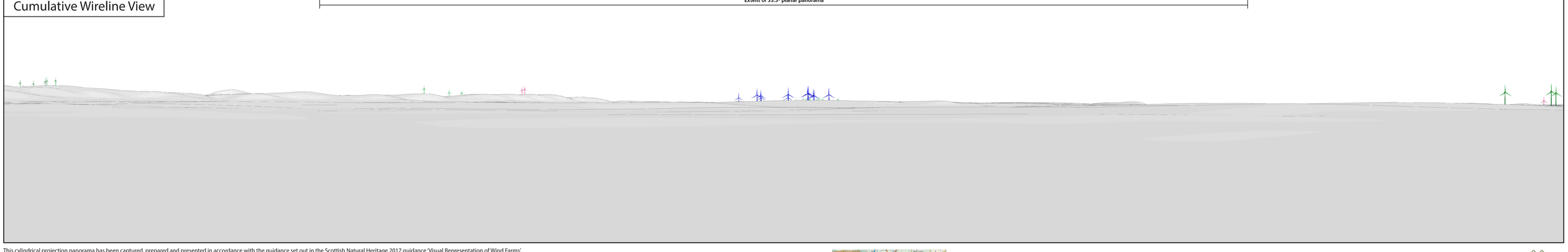
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	629726
Northing:	665838
Elevation:	133 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	11/08/22 12:39
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	212 °
Distance to Nearest Visible Turbine:	10.4 km
Nearest Turbine:	T01

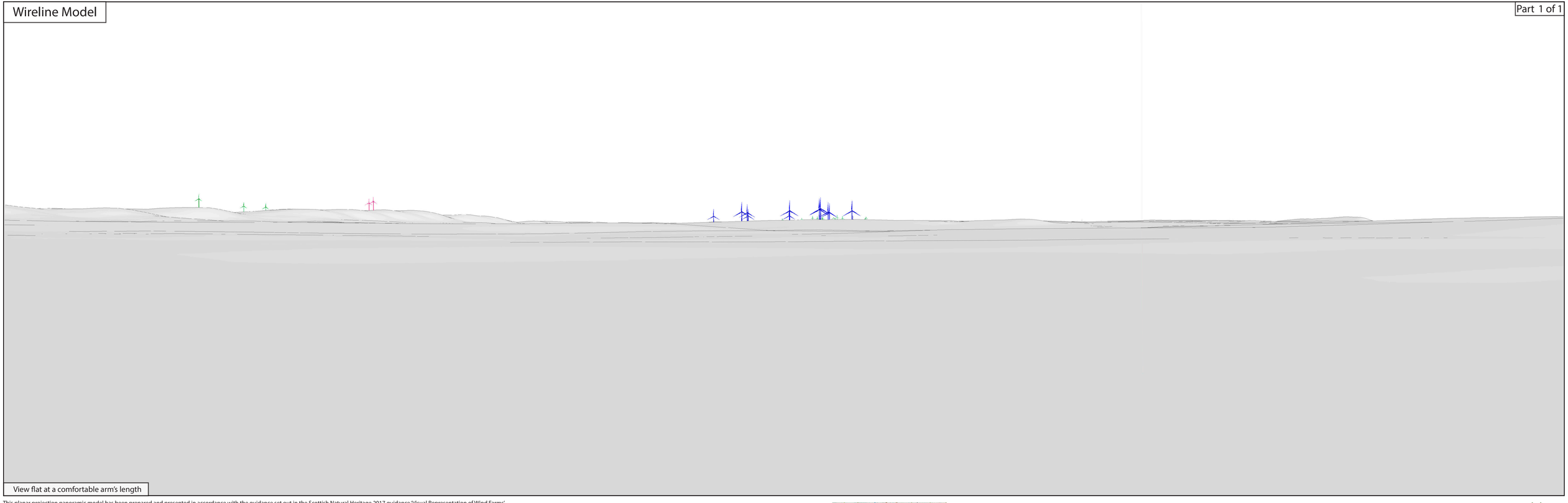
macroworks

Johnstown Cemetery

Viewpoint Ref: VP3

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	629726
Northing:	665838
Elevation:	133 m

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 Time:	11/08/22 12:39
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	212 °
Distance to Nearest Visible Turbine:	10.4 km
Nearest Turbine:	T01

macroworks

Johnstown Cemetery

Viewpoint Ref: VP3

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	629726
Northing:	665838
Elevation:	133 m

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 Time:	11/08/22 12:39
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	212 °
Distance to Nearest Visible Turbine:	10.4 km
Nearest Turbine:	T01

Local cemetery at Cooleeny

Viewpoint Ref: VP4

Baseline Photograph

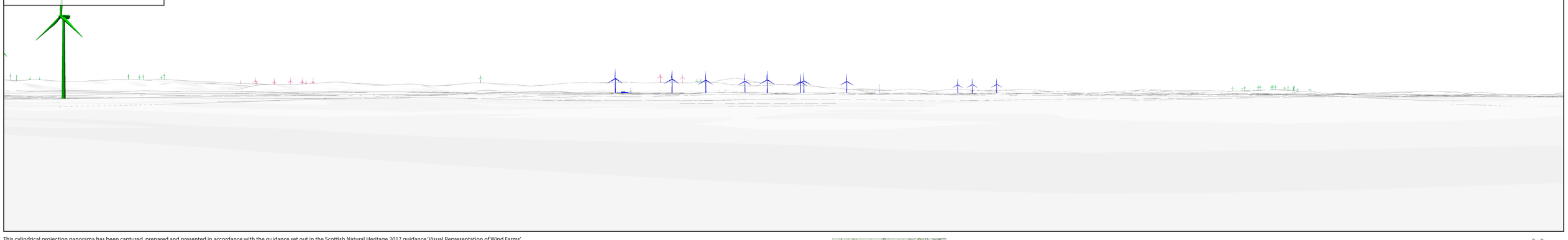
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	621106
Northing:	664725
Elevation:	129 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	11/08/22 15:59
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	168 °
Distance to Nearest Visible Turbine:	8.1 km
Nearest Turbine:	T01

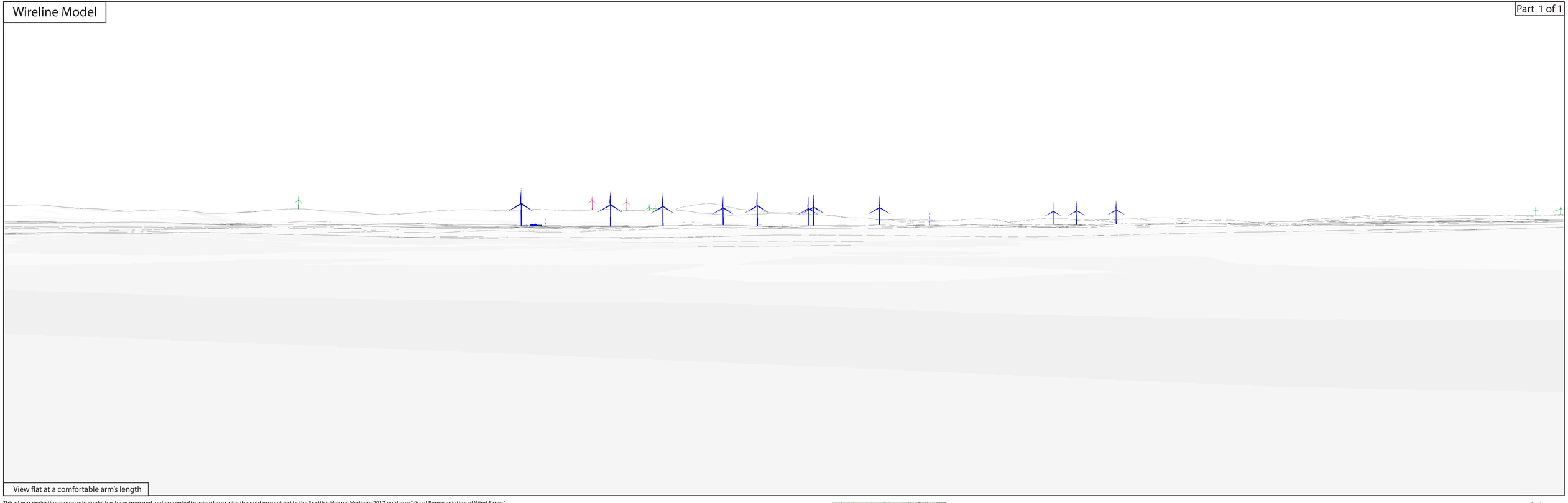
macroworks

Local cemetery at Cooleeny

Viewpoint Ref: VP4

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	621106
Northing:	664725
Elevation:	129 m

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 Time:	11/08/22 15:59
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	168 °
Distance to Nearest Visible Turbine:	8.1 km
Nearest Turbine:	T01

macroworks APEM Group

Local cemetery at Cooleeny

Viewpoint Ref: VP4

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	621106
Northing:	664725
Elevation:	129 m

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 Time:	11/08/22 15:59
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	168 °
Distance to Nearest Visible Turbine:	8.1 km
Nearest Turbine:	T01

macroworks APEM Group

Baseline Photograph

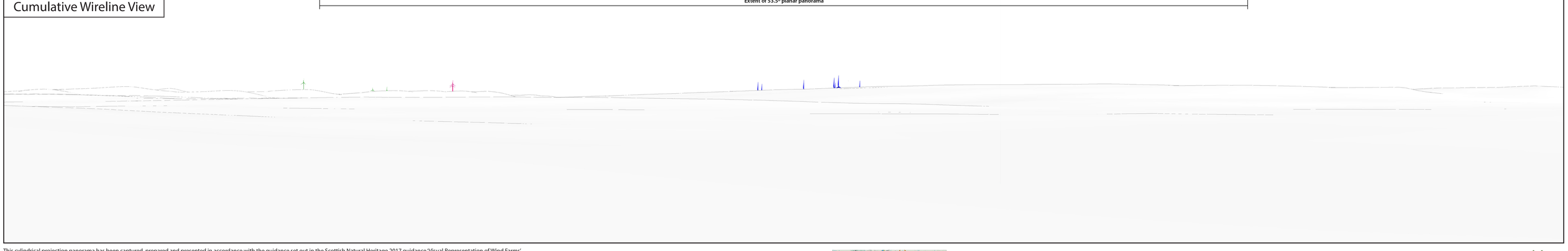
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	628102
Northing:	662810
Elevation:	123 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

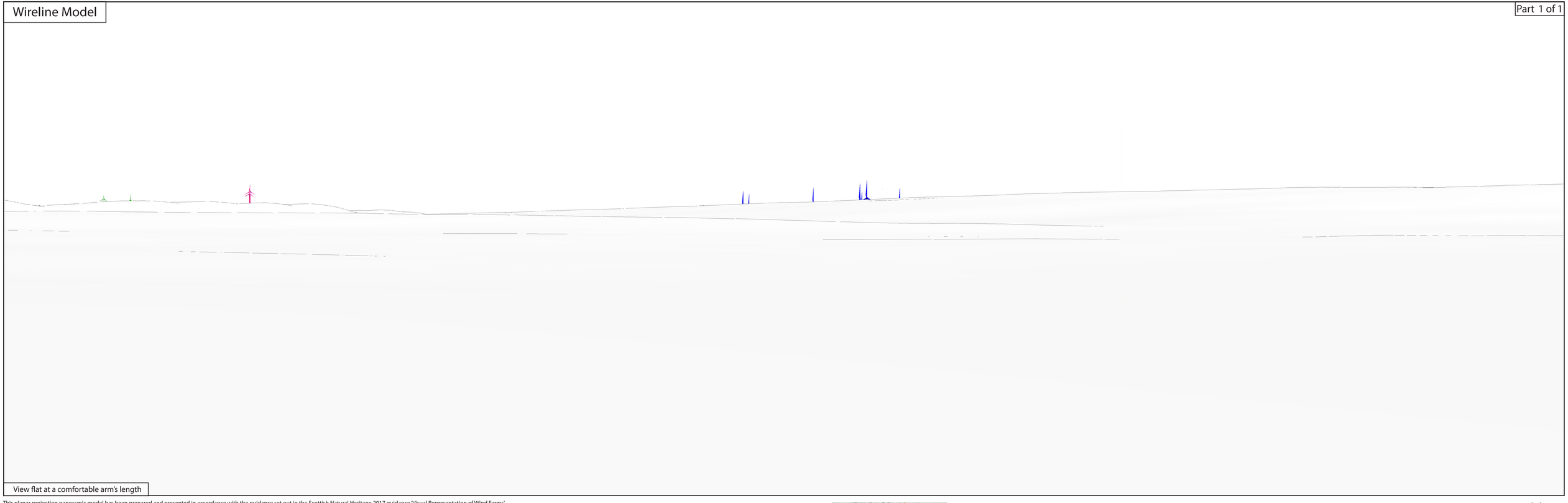
Date and Time:	04/06/21 10:15
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	212 °
Distance to Nearest Visible Turbine:	7.0 km
Nearest Turbine:	T01

macroworks APEM Group

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	628102
Northing:	662810
Elevation:	123 m

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 Time:	04/06/21 10:15
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	212 °
Distance to Nearest Visible Turbine:	7.0 km
Nearest Turbine:	T01

macroworks APEM Group

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	628102
Northing:	662810
Elevation:	123 m

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 Time:	04/06/21 10:15
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	212 °
Distance to Nearest Visible Turbine:	7.0 km
Nearest Turbine:	T01

macroworks

Littleton Wind Farm - Landscape and Visual Impact Assessment

Local road at Castletown

Viewpoint Ref: VP6

Baseline Photograph

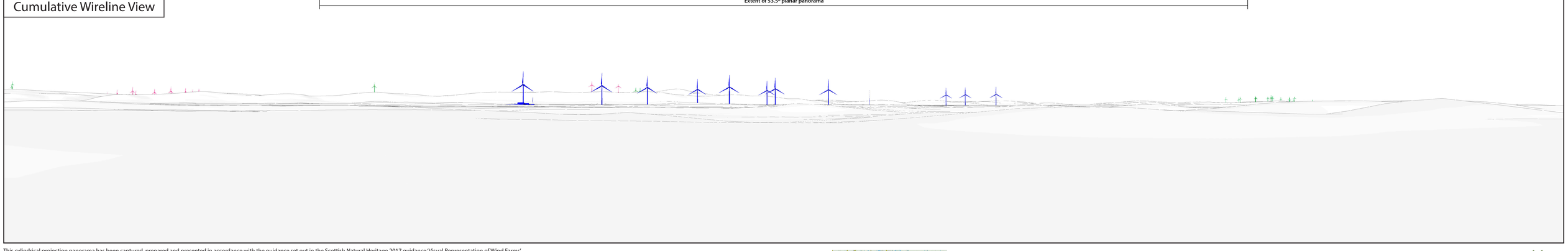
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	621738
Northing:	662587
Elevation:	127 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	11/08/22 16:18
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	172 °
Distance to Nearest Visible Turbine:	5.9 km
Nearest Turbine:	T01

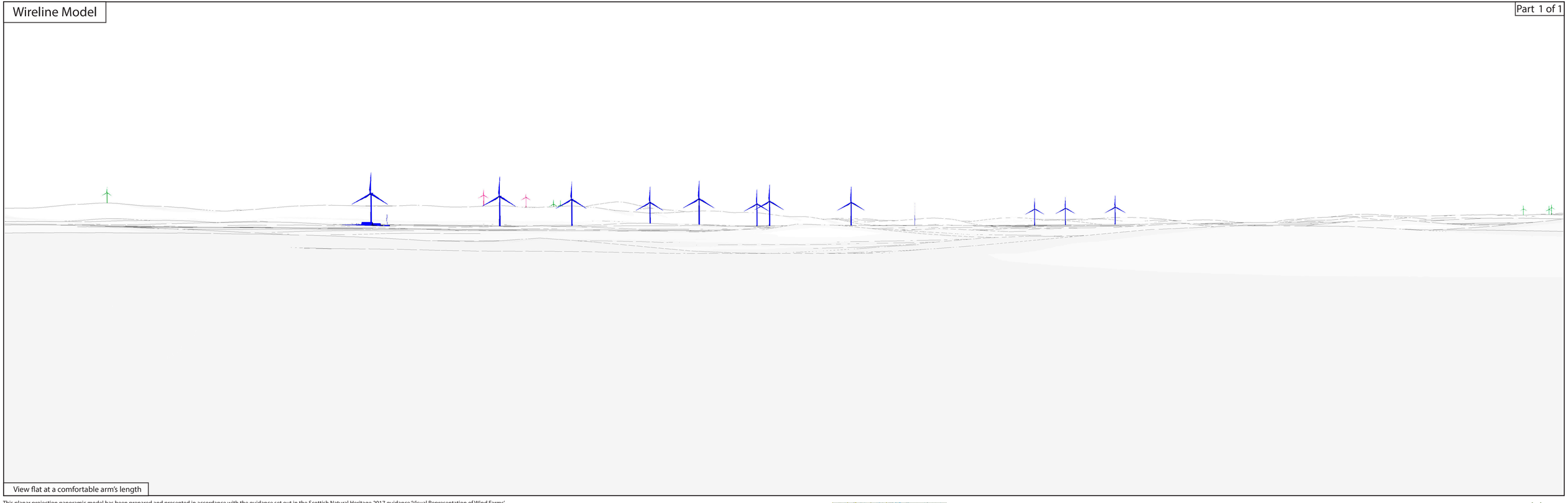
macroworks APEM Group

Local road at Castletown

Viewpoint Ref: VP6

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	621738
Northing:	662587
Elevation:	127 m

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 Time:	11/08/22 16:18
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	172 °
Distance to Nearest Visible Turbine:	5.9 km
Nearest Turbine:	T01

macroworks APEM Group

Local road at Castletown

Viewpoint Ref: VP6

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	621738
Northing:	662587
Elevation:	127 m

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 Time:	11/08/22 16:18
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	172 °
Distance to Nearest Visible Turbine:	5.9 km
Nearest Turbine:	T01

macroworks

M8 at Lonfordpass North

Viewpoint Ref: VP7

Baseline Photograph

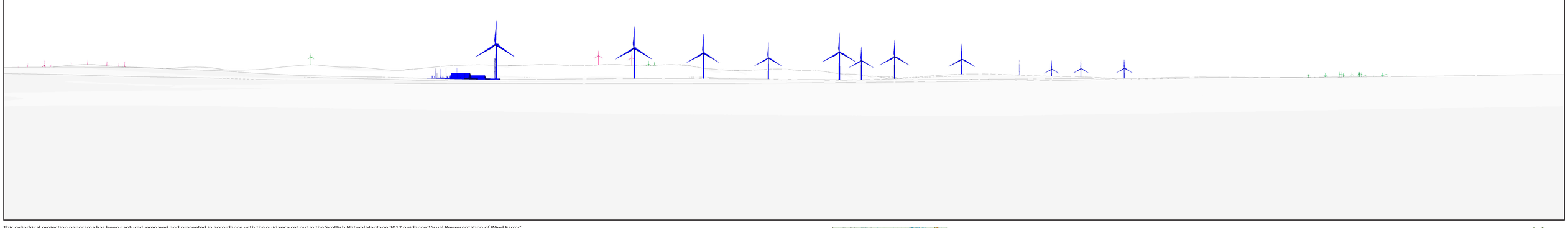
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	622709
Northing:	660123
Elevation:	125 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	11/08/22 16:40
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	172 °
Distance to Nearest Visible Turbine:	3.3 km
Nearest Turbine:	T01

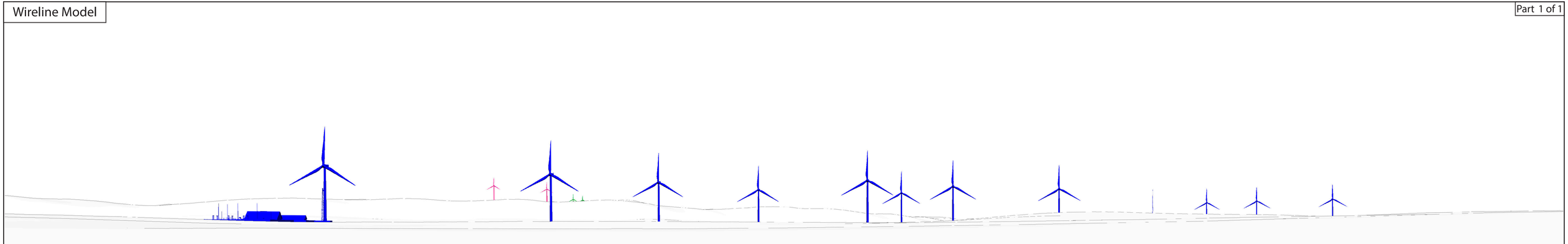
macroworks APEM Group

M8 at Lonfordpass North

Viewpoint Ref: VP7

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	622709
Northing:	660123
Elevation:	125 m

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 Time:	11/08/22 16:40
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	172 °
Distance to Nearest Visible Turbine:	3.3 km
Nearest Turbine:	T01

macroworks

M8 at Lonfordpass North

Viewpoint Ref: VP7

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	622709
Northing:	660123
Elevation:	125 m

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 Time:	11/08/22 16:40
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	172 °
Distance to Nearest Visible Turbine:	3.3 km
Nearest Turbine:	T01

macroworks APEM Group

Littleton Wind Farm - Landscape and Visual Impact Assessment

Local road at Leigh

Viewpoint Ref: VP8a

Baseline Photograph

This image provides landscape and visual context only

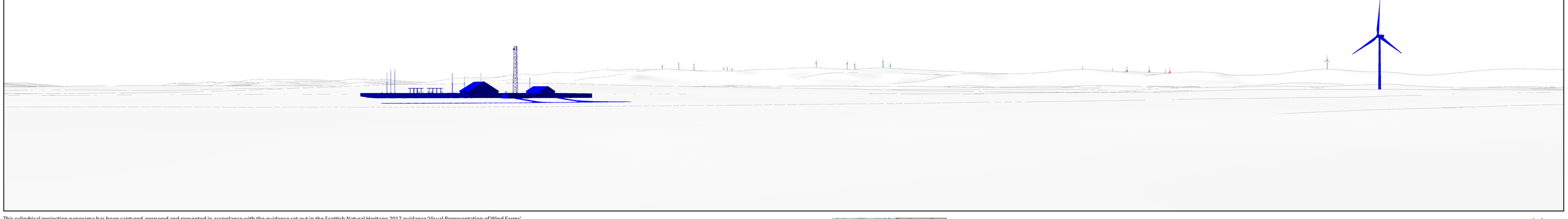
Part 1 of 2



Cumulative Wireline View

Extent of 53.5° planar panorama (VP8a)

Extent of 63.5° planar panorama (VP8b)



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	622700
Northing:	658897
Elevation:	132 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	04/06/21 15:08
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	108 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T01

macroworks

Littleton Wind Farm - Landscape and Visual Impact Assessment

Local road at Leigh

Viewpoint Ref: VP8b

Baseline Photograph

This image provides landscape and visual context only

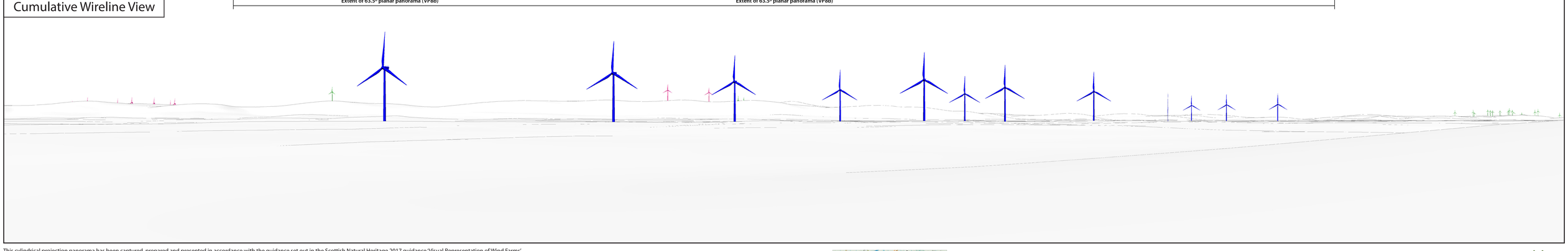
Part 2 of 2



Extent of 63.5° planar panorama (VP8b)

Extent of 63.5° planar panorama (VP8b)

Cumulative Wireline View



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'.

Proposed Turbines

Existing Turbines

Permitted Turbines

In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	622700
Northing:	658897
Elevation:	132 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	04/06/21	15:08
Camera:	Canon 5D Mark II	
Lens:	Fixed 50mm	
Camera Height:	1.7m (AGL)	

Direction (clockwise from Grid N):	165 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T01

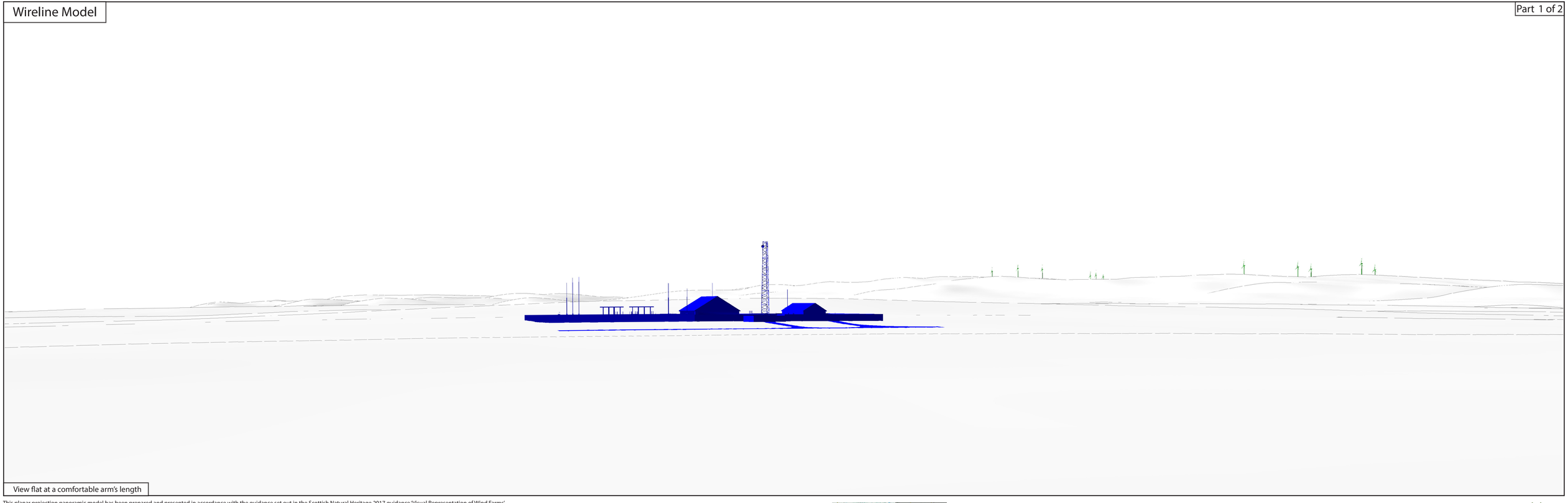
macroworks

Local road at Leigh

Viewpoint Ref: VP8a

Wireline Model

Part 1 of 2



View flat at a comfortable arm's length

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'.

Proposed Turbines

Existing Turbines

Permitted Turbines

In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	622700
Northing:	658897
Elevation:	132 m

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 Time:	04/06/21 15:08
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	93 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T01

macroworks

Local road at Leigh

Viewpoint Ref: VP8a

Photomontage

Part 1 of 2



View flat at a comfortable arm's length

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'.
In this instance the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.



National Grid Cordinate (ITM)	
Easting:	622700
Northing:	658897
Elevation:	132 m

Horizontal Field of View:	63.5 ° (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 Time:	04/06/21 15:08
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	93 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T01

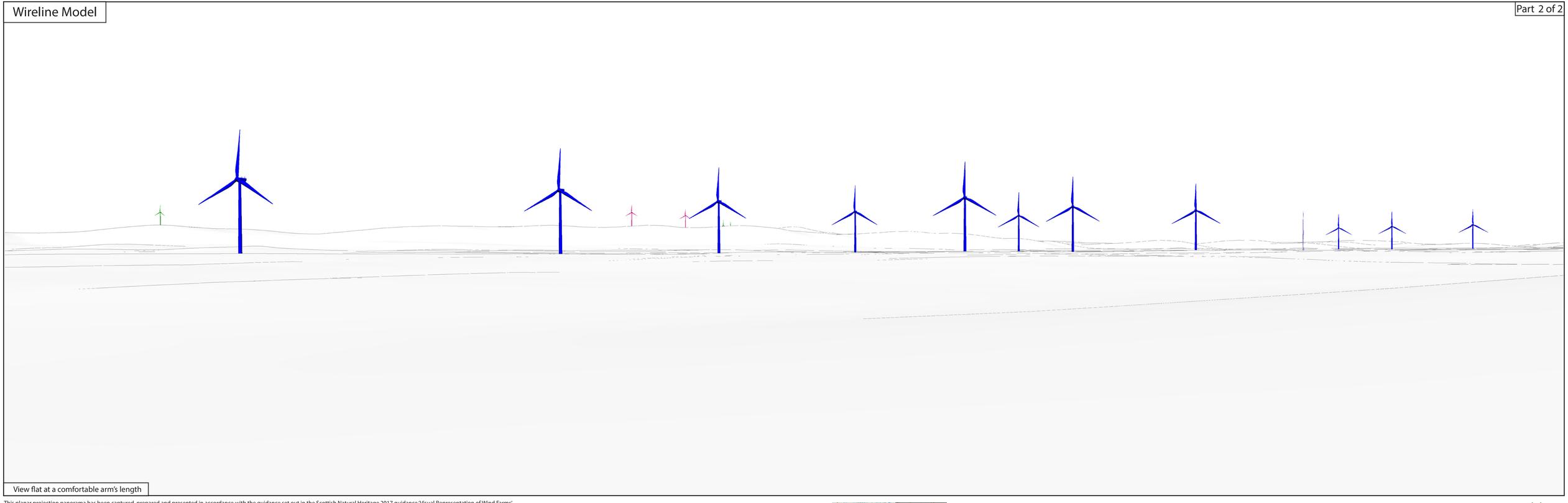
macroworks

Local road at Leigh

Viewpoint Ref: VP8b

Wireline Model

Part 2 of 2



View flat at a comfortable arm's length

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'.
In this instance the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	622700
Northing:	658897
Elevation:	132 m

Horizontal Field of View:	63.5 ° (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 Time:	04/06/21 15:08
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	165 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T01

macroworks

Local road at Leigh

Viewpoint Ref: VP8b

Photomontage

Part 2 of 2



View flat at a comfortable arm's length

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'.
In this instance the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.



National Grid Cordinate (ITM)	
Easting:	622700
Northing:	658897
Elevation:	132 m

Horizontal Field of View:	63.5 ° (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 Time:	04/06/21 15:08
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	165 °
Distance to Nearest Visible Turbine:	2.2 km
Nearest Turbine:	T01

macroworks

Good Shepherd Cemetery Gortnahoe

Viewpoint Ref: VP9

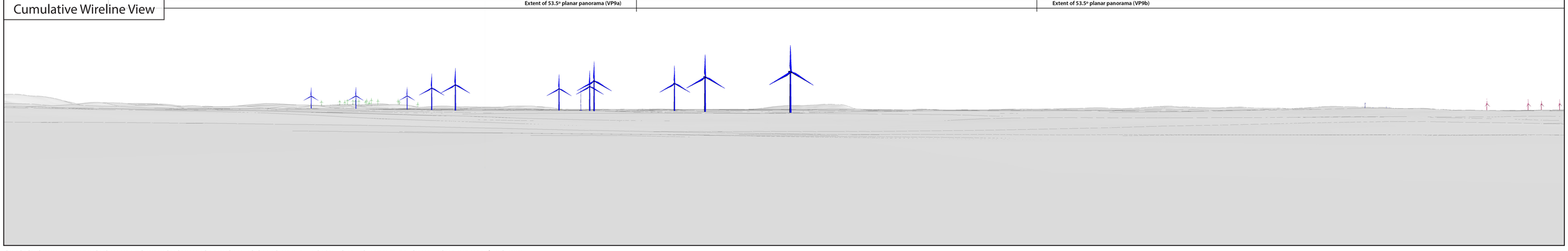
Baseline Photograph

This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	626705
Northing:	658529
Elevation:	141 m

Horizontal Field of View:	90 ° (cylindrical projection)
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	04/06/21	10:28
Camera:		Canon 5D Mark II
Lens:		Fixed 50mm
Camera Height:		1.7m (AGL)

Direction (clockwise from Grid N):	242 °
Distance to Nearest Visible Turbine:	3.0 km
Nearest Turbine:	T01

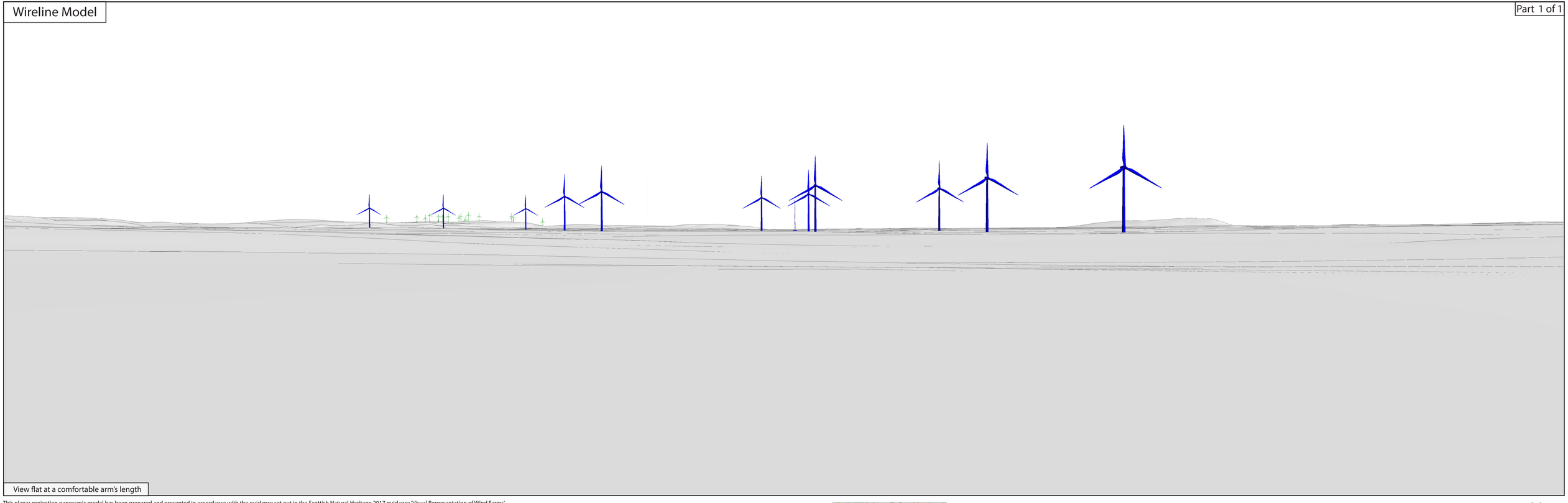
macroworks APEM Group

Good Shepherd Cemetery Gortnahoe

Viewpoint Ref: VP9a

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	626705
Northing:	658529
Elevation:	141 m

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 Time:	04/06/21 10:28
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	230 °
Distance to Nearest Visible Turbine:	3.0 km
Nearest Turbine:	T01

macroworks APEM Group

Good Shepherd Cemetery Gortnahoe

Viewpoint Ref: VP9a

Photomontage

Part 1 of 2



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	626705
Northing:	658529
Elevation:	141 m

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 Time:	04/06/21 10:28
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	230 °
Distance to Nearest Visible Turbine:	3.0 km
Nearest Turbine:	T01

macroworks

Good Shepherd Cemetery Gortnahoe

Viewpoint Ref: VP9b

Wireline Model

Part 2 of 2



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	626705
Northing:	658529
Elevation:	141 m

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 Time:	04/06/21 10:28
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	260 °
Distance to Nearest Visible Turbine:	3.0 km
Nearest Turbine:	T01

macroworks APEM Group

Good Shepherd Cemetery Gortnahoe

Viewpoint Ref: VP9b

Photomontage

Part 2 of 2



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	626705
Northing:	658529
Elevation:	141 m

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 Time:	04/06/21 10:28
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	260 °
Distance to Nearest Visible Turbine:	3.0 km
Nearest Turbine:	T01

macroworks APEM Group

Littleton Wind Farm - Landscape and Visual Impact Assessment

Kilcooley Abbey

Viewpoint Ref: VP10

Baseline Photograph

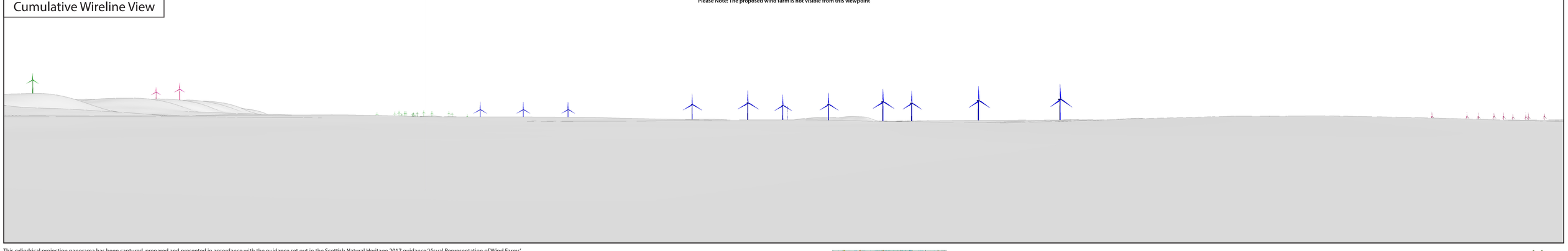
This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Please Note: The proposed wind farm is not visible from this viewpoint



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	629131
Northing:	657906
Elevation:	145 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	04/06/21 10:41
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	245 °
Distance to Nearest Visible Turbine:	N/A km
Nearest Turbine:	T01

macroworks APEM Group

Littleton Wind Farm - Landscape and Visual Impact Assessment

L4202 at Twomileborris

Viewpoint Ref: VP11

Baseline Photograph

This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama (VP11b)

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	620430
Northing:	657930
Elevation:	125 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

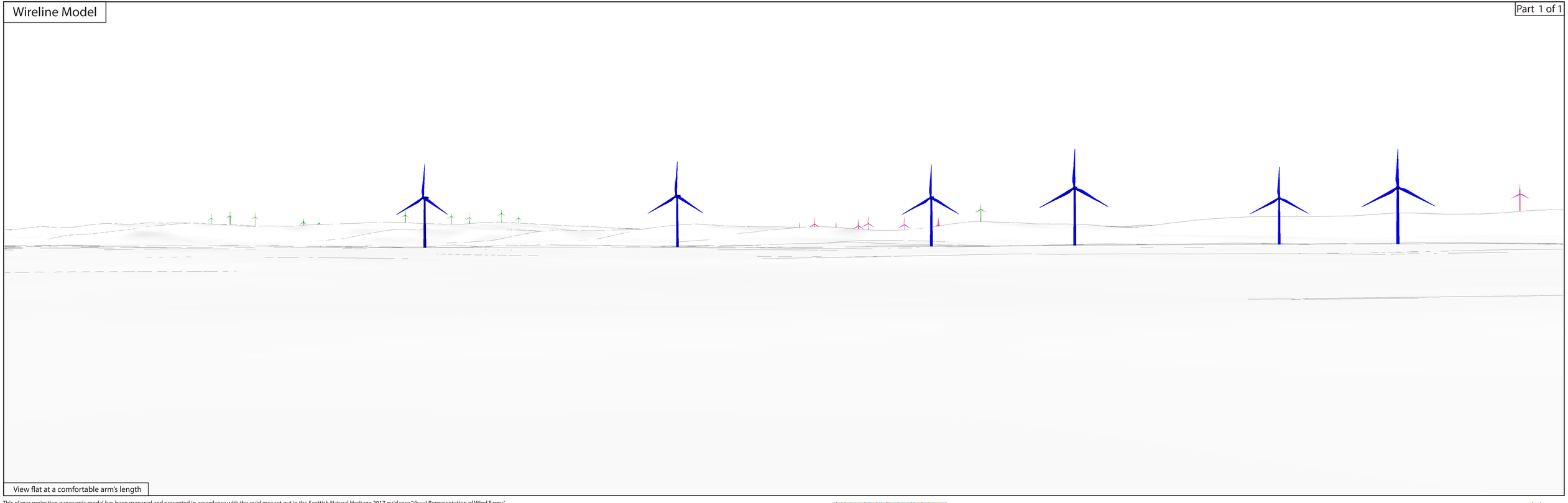
Date and Time:	04/06/21	14:38
Camera:	Canon 5D Mark II	
Lens:	Fixed 50mm	
Camera Height:	1.7m (AGL)	

Direction (clockwise from Grid N):	132 °
Distance to Nearest Visible Turbine:	3.2 km
Nearest Turbine:	T04

macroworks

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	620430
Northing:	657930
Elevation:	125 m

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 Time:	04/06/21 14:38
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	115 °
Distance to Nearest Visible Turbine:	3.2 km
Nearest Turbine:	T04

macroworks APEM Group

L4202 at Twomileborris

Viewpoint Ref: VP11

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	620430
Northing:	657930
Elevation:	125 m

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 Time:	04/06/21 14:38
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	115 °
Distance to Nearest Visible Turbine:	3.2 km
Nearest Turbine:	T04

macroworks

Littleton Wind Farm - Landscape and Visual Impact Assessment

Local road at Grangecastle

Viewpoint Ref: VP12

Baseline Photograph

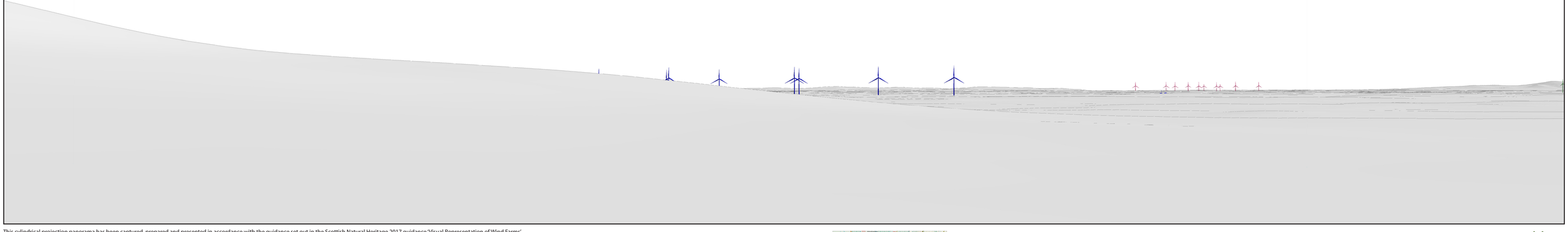
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	630803
Northing:	656476
Elevation:	191 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	04/06/21	10:58
Camera:	Canon 5D Mark II	
Lens:	Fixed 50mm	
Camera Height:	1.7m (AGL)	

Direction (clockwise from Grid N):	266 °
Distance to Nearest Visible Turbine:	6.8 km
Nearest Turbine:	T01

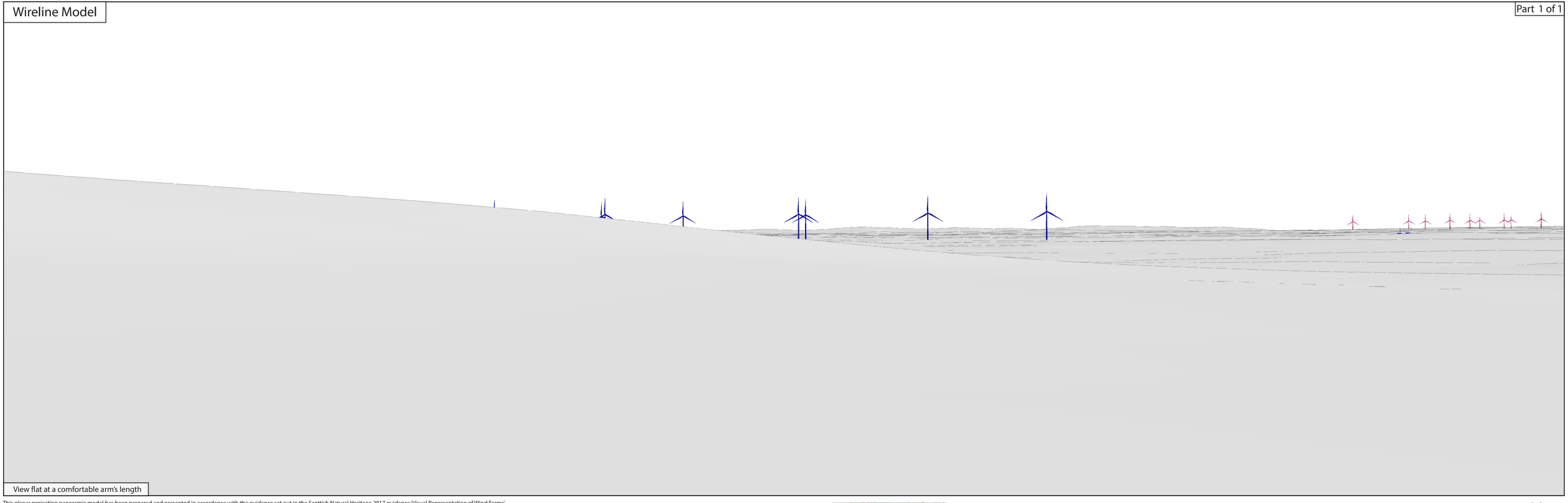
macroworks APEM Group

Local road at Grangecastle

Viewpoint Ref: VP12

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines

Existing Turbines

Permitted Turbines

In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	630803
Northing:	656476
Elevation:	191 m

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 Time:	04/06/21 10:58
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	266 °
Distance to Nearest Visible Turbine:	6.8 km
Nearest Turbine:	T01

macroworks

Local road at Grangecastle

Viewpoint Ref: VP12

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	630803
Northing:	656476
Elevation:	191 m

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 Time:	04/06/21 10:58
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	266 °
Distance to Nearest Visible Turbine:	6.8 km
Nearest Turbine:	T01

macroworks

Littleton Wind Farm - Landscape and Visual Impact Assessment

N75 east of Thurles

Viewpoint Ref: VP13

Baseline Photograph

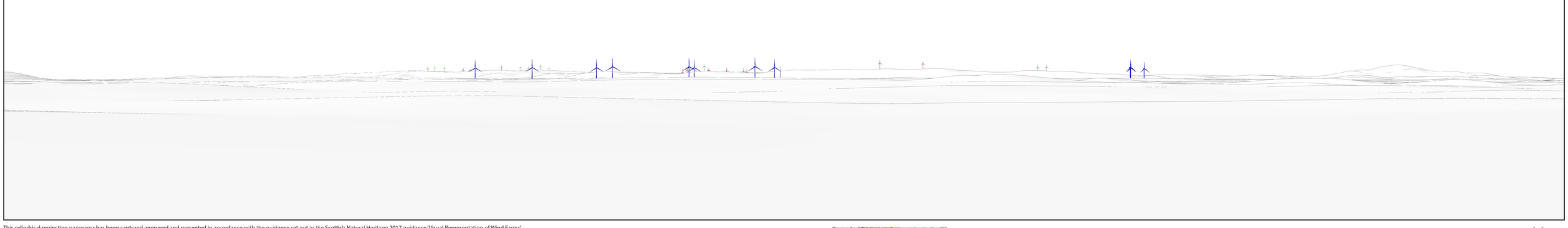
This image provides landscape and visual context only

Part 1 of 1



Extent of 53.5° planar panorama

Cumulative Wireline View



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	614340
Northing:	658477
Elevation:	108 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	04/06/21 14:18
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	115 °
Distance to Nearest Visible Turbine:	8.9 km
Nearest Turbine:	T07

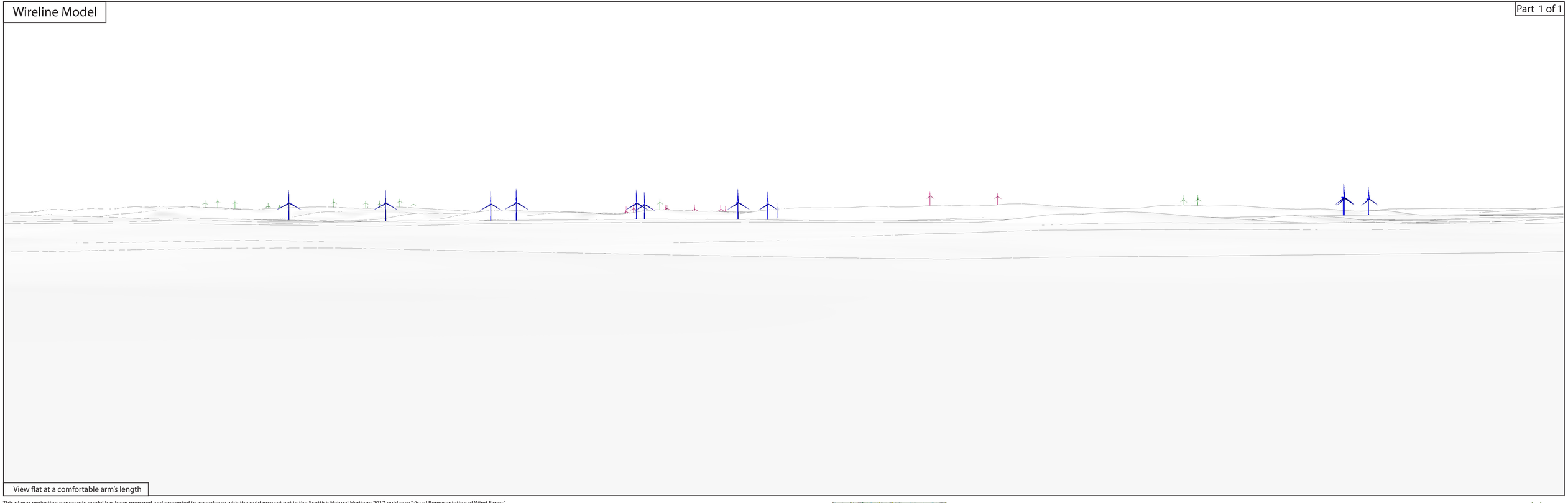
macroworks APEM Group

N75 east of Thurles

Viewpoint Ref: VP13

Wireline Model

Part 1 of 1



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	614340
Northing:	658477
Elevation:	108 m

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 Time:	04/06/21 14:18
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	115 °
Distance to Nearest Visible Turbine:	8.9 km
Nearest Turbine:	T07

macroworks APEM Group

N75 east of Thurles

Viewpoint Ref: VP13

Photomontage

Part 1 of 1



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	614340
Northing:	658477
Elevation:	108 m

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 Time:	04/06/21 14:18
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	115 °
Distance to Nearest Visible Turbine:	8.9 km
Nearest Turbine:	T07

macroworks

N75 at Borris

Viewpoint Ref: VP14

Baseline Photograph

This image provides landscape and visual context only

Part 1 of 1



Cumulative Wireline View

Extent of 53.5º planar panorama (VP14a)

Extent of 53.5º planar panorama (VP14b)



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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	619574
Northing:	657454
Elevation:	119 m

Horizontal Field of View: 90 ° (cylindrical projection)	
Principal Distance:	522 mm
Turbine Tip Height:	200m
Turbine Hub Height:	119m
Turbine Rotor Diameter:	162m

Date and Time:	04/06/21 14:28
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	127 °
Distance to Nearest Visible Turbine:	3.7 km
Nearest Turbine:	T04

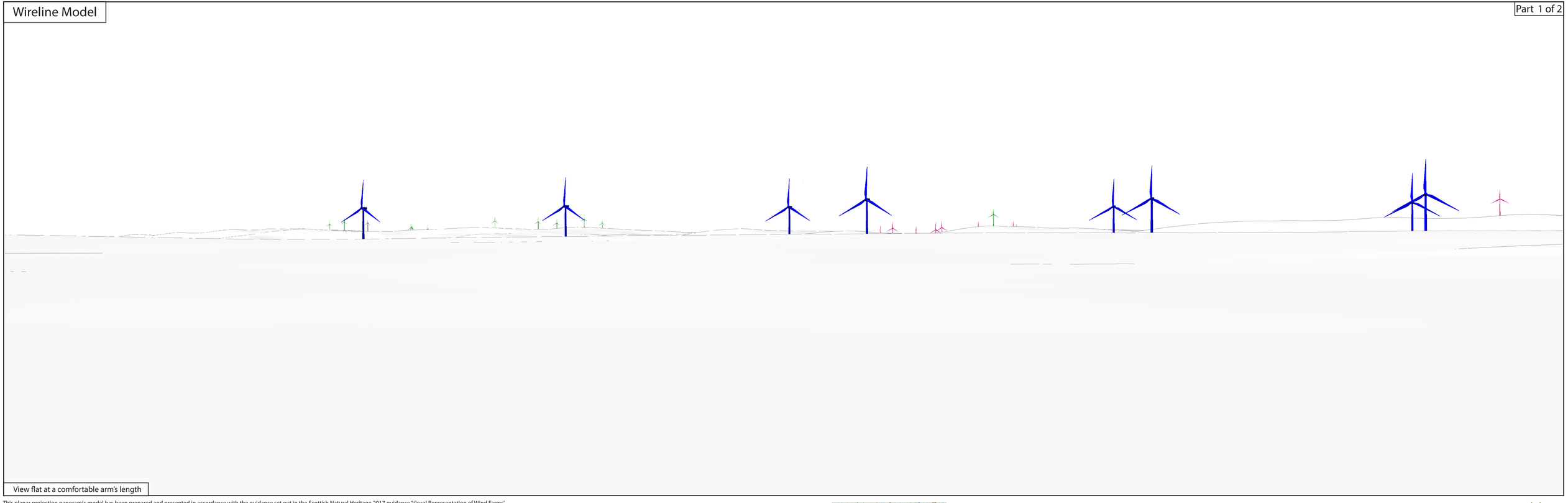
macroworks APEM Group

N75 at Borris

Viewpoint Ref: VP14a

Wireline Model

Part 1 of 2



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	619574
Northing:	657454
Elevation:	119 m

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 Time:	04/06/21	14:28
Camera:		Canon 5D Mark II
Lens:		Fixed 50mm
Camera Height:		1.7m (AGL)

Direction (clockwise from Grid N):	109 °
Distance to Nearest Visible Turbine:	3.7 km
Nearest Turbine:	T04

macroworks APEM Group

N75 at Borris

Viewpoint Ref: VP14a

Photomontage

Part 1 of 2



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	619574
Northing:	657454
Elevation:	119 m

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 Time:	04/06/21 14:28
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	109 °
Distance to Nearest Visible Turbine:	3.7 km
Nearest Turbine:	T04

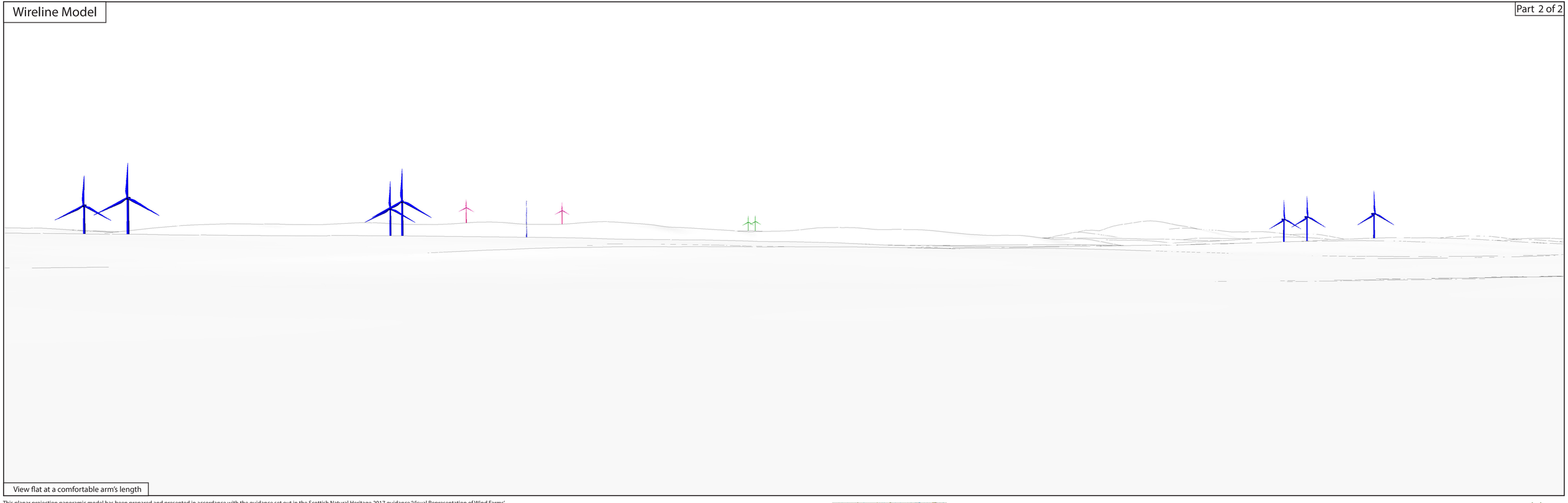
macroworks

N75 at Borris

Viewpoint Ref: VP14b

Wireline Model

Part 2 of 2



View flat at a comfortable arm's length

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'.

Proposed Turbines | Existing Turbines | Permitted Turbines | In - Planning Turbines



National Grid Cordinate (ITM)	
Easting:	619574
Northing:	657454
Elevation:	119 m

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 Time:	04/06/21 14:28
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	148 °
Distance to Nearest Visible Turbine:	3.7 km
Nearest Turbine:	T04

macroworks

N75 at Borris

Viewpoint Ref: VP14b

Photomontage

Part 2 of 2



View flat at a comfortable arm's length

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'.



National Grid Cordinate (ITM)	
Easting:	619574
Northing:	657454
Elevation:	119 m

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 Time:	04/06/21 14:28
Camera:	Canon 5D Mark II
Lens:	Fixed 50mm
Camera Height:	1.7m (AGL)

Direction (clockwise from Grid N):	146 °
Distance to Nearest Visible Turbine:	3.7 km
Nearest Turbine:	T04

macroworks