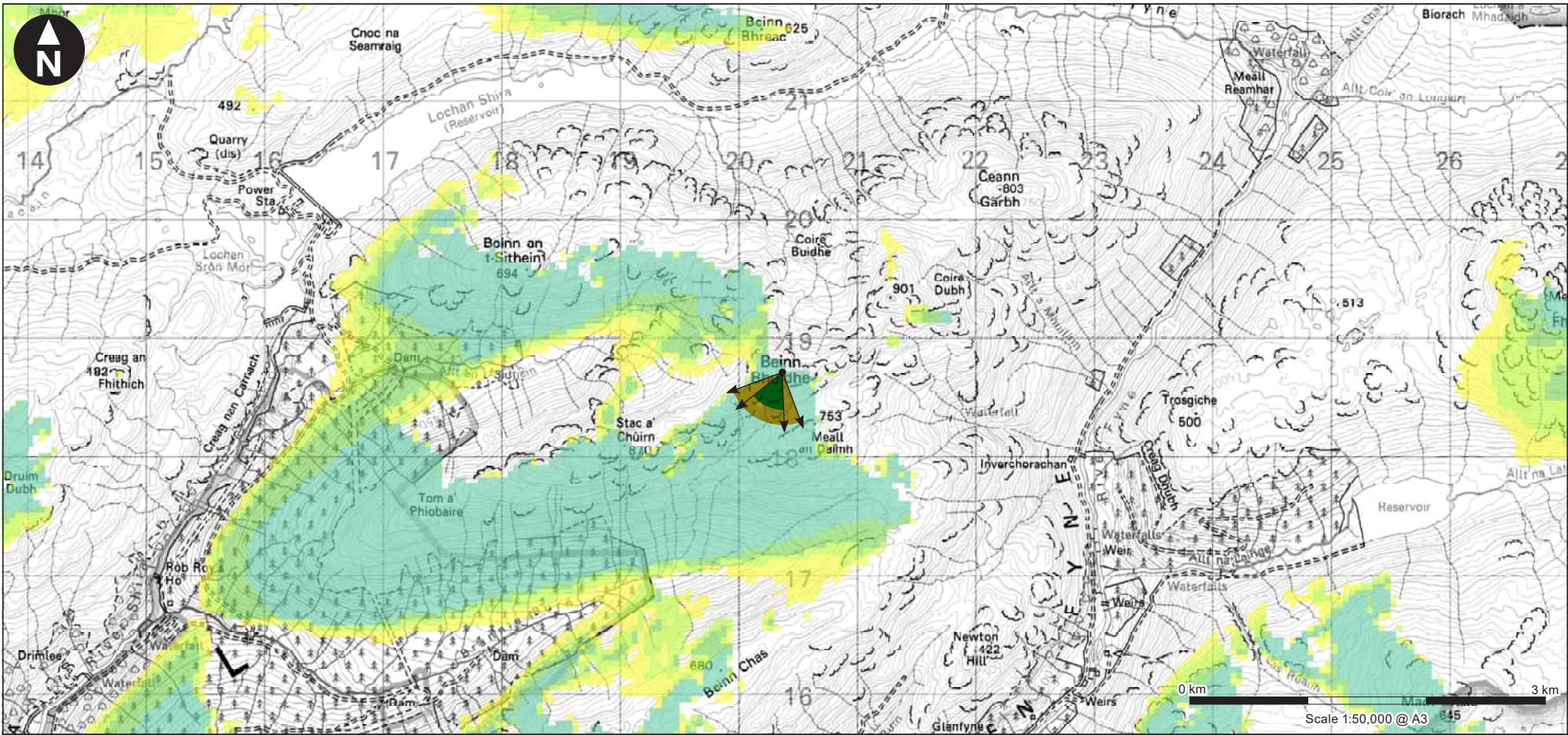
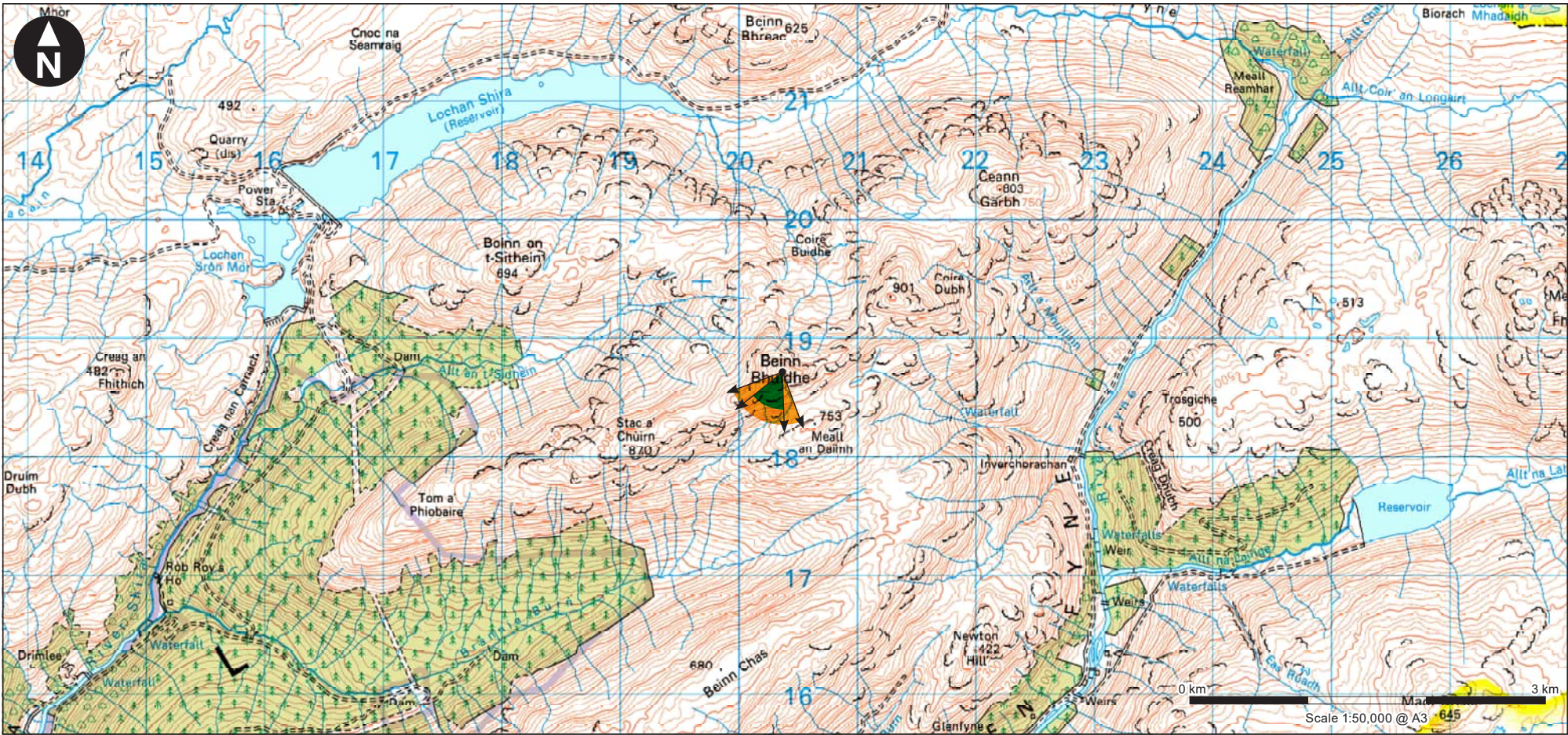




Key

	90° horizontal field of view		1 - 5 blade tips may be visible		12 - 16 blade tips may be visible
	53.5° horizontal field of view		6 - 11 blade tips may be visible		17 - 22 blade tips may be visible

Viewpoint Parameters

OS reference:	E220 301, N718 687
Ground Level Elevation:	948m AOD
Camera Height:	949.5m AGL
Direction of view to site centre ³ :	237°
Distance to nearest turbine:	22,424m
Number of blade tips theoretically visible ⁴ :	22
Number of hubs theoretically visible ⁴ :	22
Date and time of viewpoint photography:	24/09/2022 @ 15:44
Camera:	Sony ILCE-7RM3
Lens:	50mm (Sony 50mm f/1.8)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

- This figure has been based on the following parameters:
Turbine layout file: LEREDINE019.WFL
 - Hub height: 122.5m
 - Rotor diameter: 155m
 - Height to blade tip: 200m
- Turbine positions could be subject to micro-siting (typically up to 50m).
- Direction given as bearing relative to Grid North (BNG).
- The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
- This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client

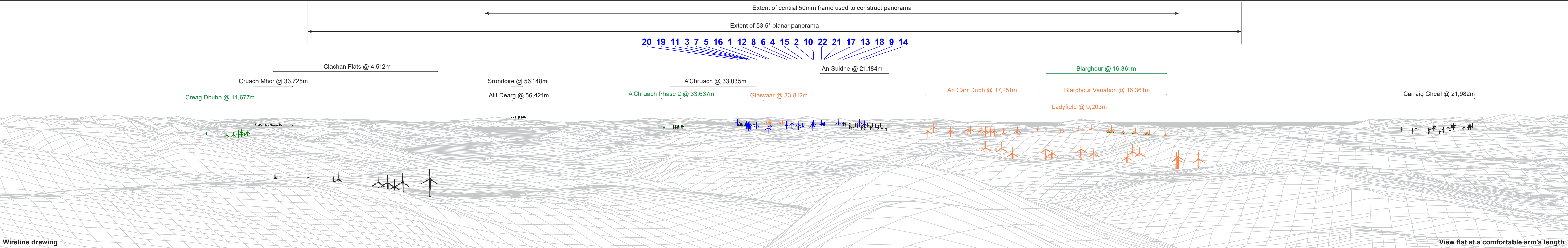
RWE

Eredine Wind Farm
EIA Report

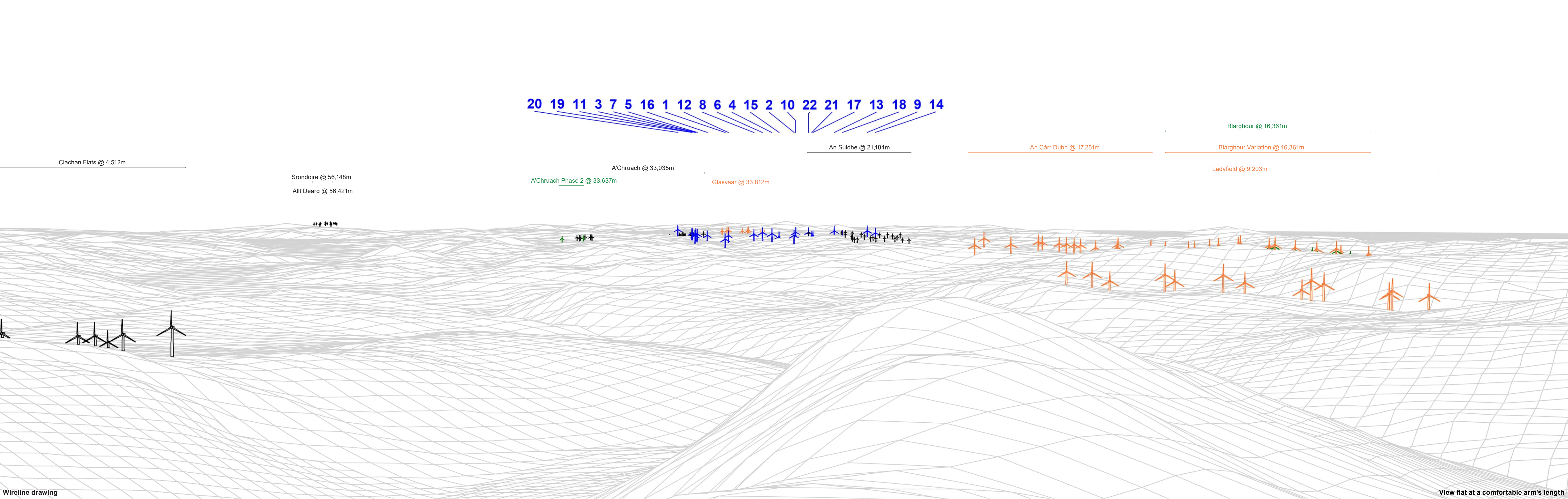
Figure 8.41a
Viewpoint 23: Beinn Bhuidhe

June 2024

WSP



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Photomontage

View flat at a comfortable arm's length

OS reference:	E220 301, N718 687	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3
Eye level:	949.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony 50mm f/1.8)
Direction of view:	240°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	22.424m	Correct printed image size:	820 x 260mm	Date and time:	24/09/2022 15:44

Client		Eredine Wind Farm EIA Report	Figure 8.41d Viewpoint 23: Beinn Bhuidhe	June 2024	
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Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	E220 301, N718 687	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3
Eye level:	949.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony 50mm f/1.8)
Direction of view:	240°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	22,424m	Correct printed image size:	820 x 260mm	Date and time:	24/09/2022 15:44



Eredine Wind Farm
EIA Report

Figure 8.41e
Viewpoint 23: Beinn Bhuidhe

June 2024



View flat at a comfortable arm's length