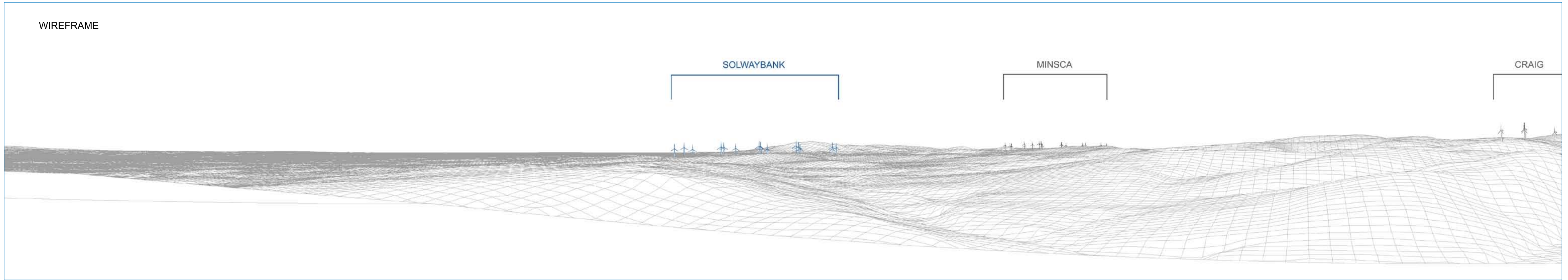


EXISTING VIEW



WIREFRAME



PHOTOMONTAGE



The photomontages are computer generated images of the proposed wind farm. For every viewpoint a range of partly overlapping photos are taken with a digital camera using a 35mm fixed lens equivalent to a 50mm focal length on a traditional 35mm film camera and then stitched together to form a panoramic image. Using a digital 3D model, including the terrain and the turbines, a computer image of the proposed wind farm is generated. This computer image is superimposed onto the panoramic image, using the land form and specific landmarks to line it up correctly. The two images are then integrated taking account of screening from nearby trees or buildings.

The turbines are likely to be pale grey in colour and rendered for the photomontages in this colour. The actual visibility of the turbines will be affected by factors such as time of day, sunlight and weather, all of which affect the light intensity and visible distance. The turbines shown in this image have been enhanced to make their appearance clearer.

The photomontage is a technical tool used to illustrate what the project will look like. The photomontage should be viewed at the prescribed viewing distance of 50cm to most accurately experience the viewpoint.



VIEWPOINT INFORMATION

Grid Reference:	337930, 584686
Elevation:	350m AOD
Distance to nearest turbine:	Turbine 5 @ 9,411m
Distance to nearest visible turbine:	Turbine 5 @ 9,411m
Direction of centre of view:	240°
Angle of view:	90°
Viewing distance:	50cm @ A1
Theoretical number of turbines with hubs visible:	15
Theoretical number of turbines with blades visible:	15

Viewpoint 2: Malcolm Monument, Langholm

SOLWAYBANK WIND FARM