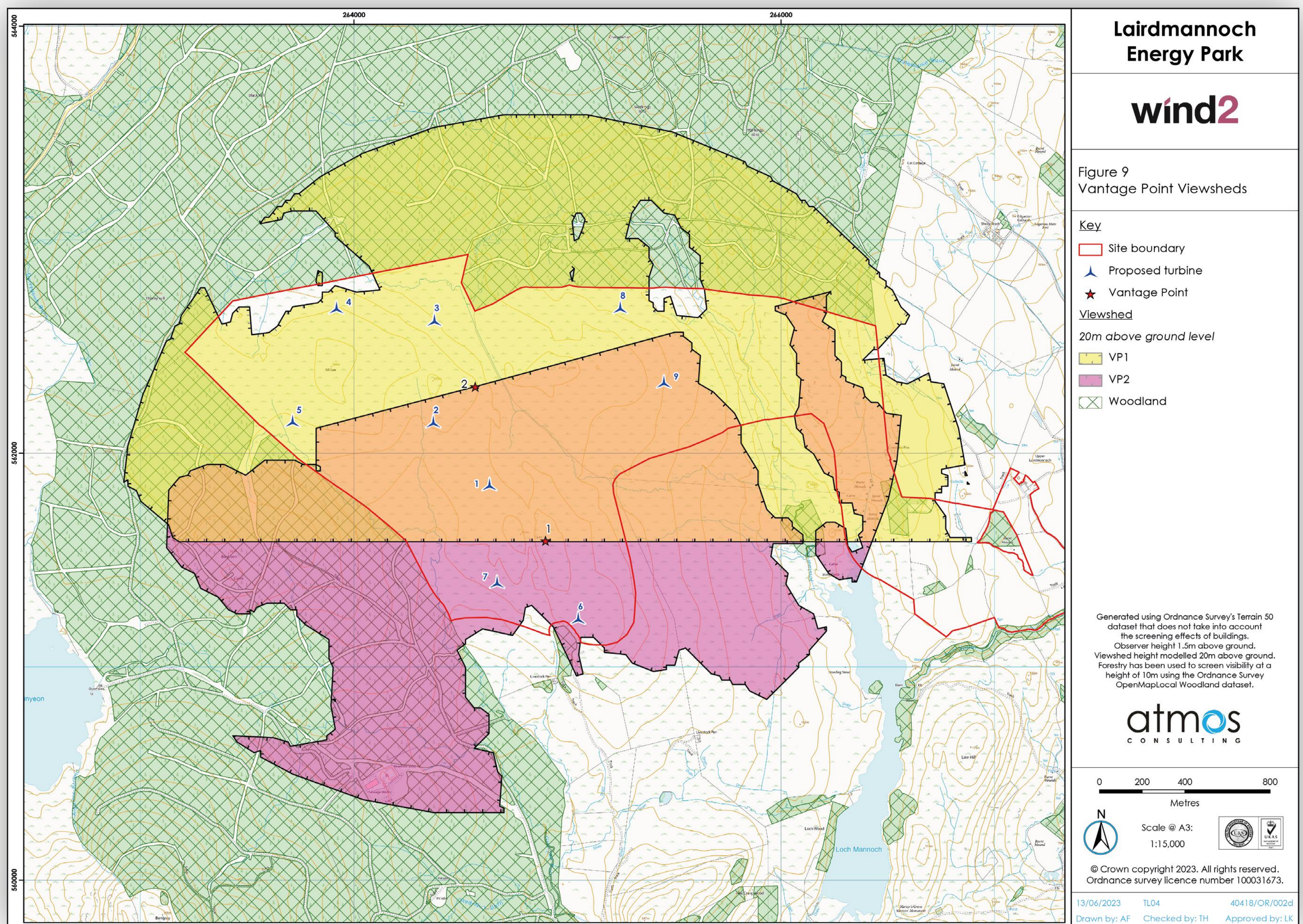


Environmental Impact Assessment (continued)

Ecology and Ornithology

Ecology and ornithology surveys have been undertaken at the site since 2019 to inform the design, ensuring potential impacts are minimised. Surveys include vantage point, breeding birds, breeding raptors, black grouse, nightjar, extended phase 1, national vegetation survey, protected species including bat surveys .



N.B. The image for this figure has been taken from scoping and may not reflect the most up to date layout.

Hydrology, Geology and Hydrogeology (including peat)

The proposed energy park design aims to limit the potential impact on soils and the water environment by the careful positioning of the wind turbines, solar panels and supporting infrastructure.

Initial peat depth surveys of the site have been undertaken and the majority of the site has <0.5m peat depths present, there are pockets (in the centre and to the northwest) of deeper pocks of peat ranging from 0.5m > 3m.

Further detailed surveying will ensure that the proposed infrastructure limits the potential effects by careful positioning of the turbines, solar panels and supporting infrastructure away from areas of deeper peat. It is estimated that the proposed energy park would have a carbon payback period of approximately 12 – 20 months, this will be refined prior to submission.

View this information via the QR code below:



wind2

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