

Why Allt Domhain Wind Farm?

SITE CONSIDERATIONS

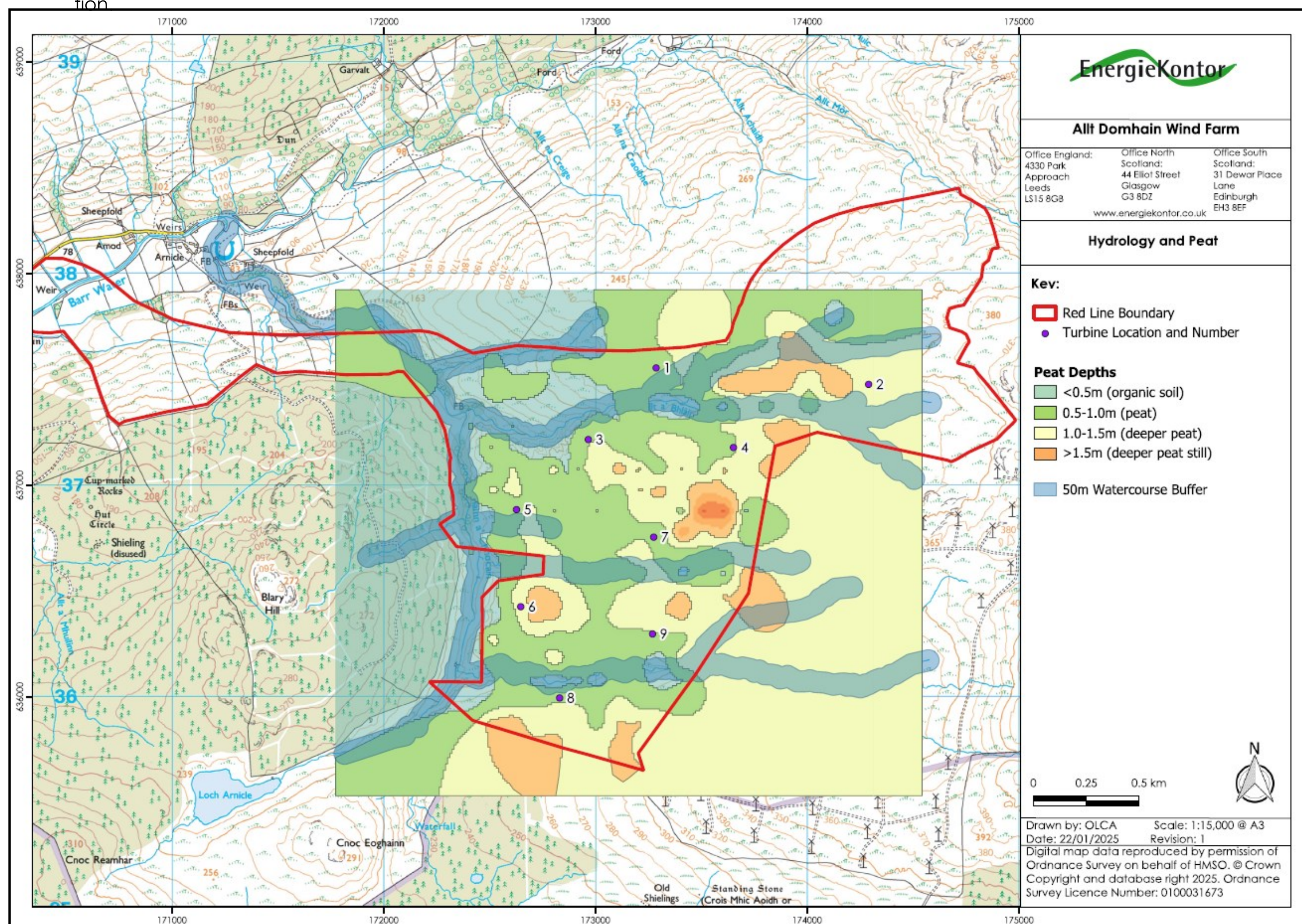
Once a site has been identified as having potential for wind energy development, on-site considerations are assessed as part of the detailed evaluation of the site. The below map highlights 2 of the key constraints — watercourses and peat.

Peat

The on-site infrastructure, such as tracks, crane pads, sub-stations and construction compounds are being designed around such identified constraints. At Allt Domhain turbines have, as far as spacing requirements allow, been positioned to avoid the deepest areas of peat. A comprehensive package of peat management and enhancement measures will be proposed as part of the application.

Hydrology

On-site watercourses require consideration in the design phase—we always buffer watercourses by at least 50m and minimise watercourse crossings where possible to mitigate against any contamination risks. This limits the developable area of the site and protects environments.



Topography

Gradient and the physical features of the site are key to the consideration of the visual impact effects a development will have. The proposed development benefits from topographical screening in several directions and therefore we have designed tip heights and positioning of turbines in line with this.