

## Ackers Adventure wind turbine

CoRE50

January 2014

The Ackers Adventure site sits 119m above sea level, making it one of the highest places in Birmingham. The site is a former industrial tipping area, with the average depth of landfill measuring around 4.5m – however, the last tipping took place around 100 years ago, so the ground is stable and well-compacted. The site is less than 100m from the electricity supply boxes. There are a number of large structures in the locality, including Birmingham's main waste incinerator and an Orange phone mast.

We intend to place one 20kW (model CF20) turbine between the ski slope and the climbing tower: the second-highest point on the site, with an uninterrupted prospect to the south-west:



The nearest houses to the site, on Hangleton Road (labelled 'Picture 01' on the map above), are 250m away.

It is thought that the turbine will generate more electricity than the onsite ski centre, helping Ackers Adventure towards its goal of becoming carbon neutral.

CoRE50 put in a planning application for the wind turbine at the end of 2013 (including the results of the bat survey), and expect to have a decision by the end of January 2014.