



Allt Domhain Wind Farm - ZTV & Cumulative Effects

Zone of Theoretical Visibility (ZTV)

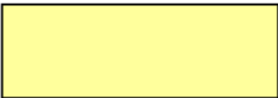
A ZTV figure can be found displayed on the table adjacent to this board.

This drawing is intended to demonstrate the theoretical visual impact Allt Domhain will have on the surrounding area, highlighting all locations within a 45km radius of the proposed development that it would be theoretically possible to view the turbines. It is important to note that there are limitations to a ZTV as the theoretical view analysis does not account for forestry and the built environment.

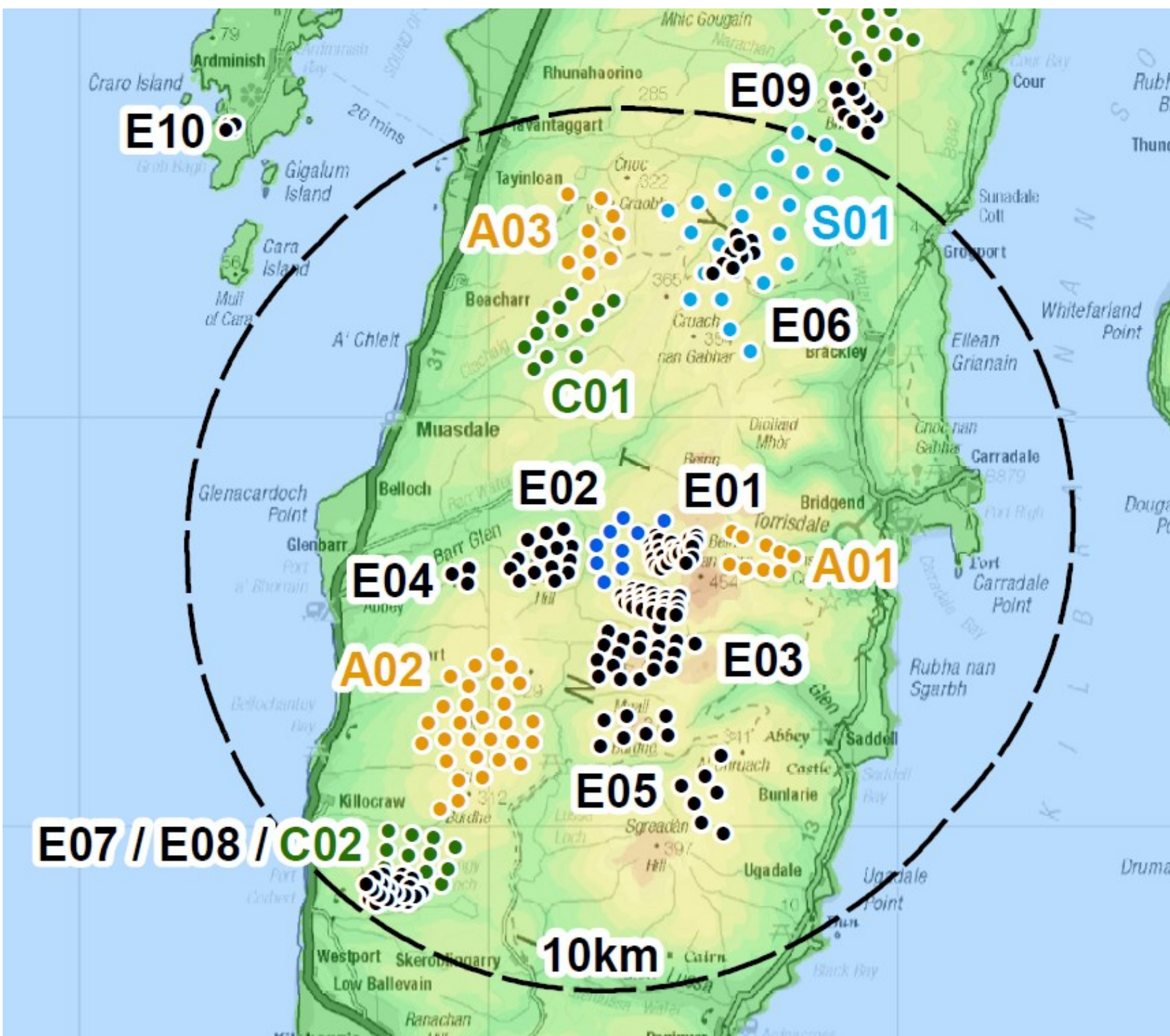
Understanding a ZTV Drawing

As stated in the adjacent key the three colours displayed within the 45km zone represent the number of turbines that are theoretically visible.

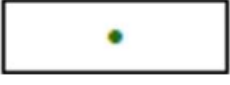
The brown circles represent all the proposed viewpoints that are to be included in the EIA, a selection of wireline visualisations modelled from these view points can be found displayed alongside the ZTV.

-  1-3 turbines may be theoretically visible
-  4-6 turbines may be theoretically visible
-  7-9 turbines may be theoretically visible
-  Proposed Viewpoint Locations

Cumulative Impact



During the initial site selection process the site of Allt Domhain was noted for its position between multiple other existing wind farms. The site has since been designed and developed with this as a constant consideration - designed to respect set back distances from pre-existing developments whilst connecting pre existing sites within the landscape. The surrounding cumulative development landscape is displayed here, however, it is important to note that not all sites displayed here will progress to a full application or receive consent.

-  Proposed turbine locations
-  Existing Wind Farms
-  Consented Wind Farms
-  Application Wind Farms
-  Scoping Wind Farms

The proposed development has been designed to in keep with the cumulative environment. The site is designed with varying tip heights of 200m and 230m, this has been utilised alongside turbine positioning in a sloping landscape (moving turbines to lower elevations to reduce the overall visual height) to align, as far as reasonably possible, the turbine tip heights of Allt Domhain with surrounding developments.