



WIND TURBINE - ENVIRONMENTAL SCREENING ANALYSIS



DATA SHEET

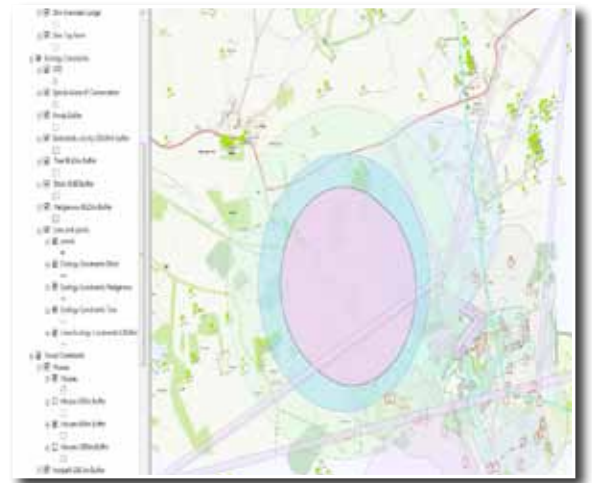
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An Environmental Impact Assessment (EIA) may be required for wind turbines depending on their size particularly if they are in the proximity of ecological or culturally sensitive areas. A full EIA, even for a single turbine, can be a very time consuming and costly exercise. Therefore, it is essential to carefully pre-screen sites to minimise EIA costs and inform planners of the scale and environmental context of the project. This will allow them to make an informed decision without necessarily requiring full scale EIAs.



CUSTOM SOFTWARE TOOL

This tool is ideal for small scale wind farm developers and turbine installers. For a one-time cost, we will provide an easily manipulated interactive software tool loaded with the following national database information overlaid on Ordnance Survey Data maps:



- Ecologically sensitive areas
- Airports and airfields
- Surface water and drainage
- Landscape Character Areas
- Listed Buildings and National Monuments
- National Trails
- Roads

Harrison Group Environmental have developed a range of cost effective EIA screening services to match your project scale and budget. We provide a coordinated review of your project employing our in-house database tools and expertise to assess site suitability relative to planning and technical constraints. The services can be organised according to the following key product categories.

The tool can easily be used to generate buffer zones around critical features, and therefore is ideal for site selection, pre-screening, and communication with Planners. Effective use of the tool will reduce project development risks, allow careful site selection and design, and could reduce EIA technical requirements.





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SITE SPECIFIC SCREENING AND CONSTRAINTS MAPS

Using in-house technical resources, we can generate a site specific screening report. This integrates the database review with a site visit and targeted screening consultations, as needed. These may include issues related to ecology, visual impact and landscape, telecommunications and airspace, noise and vibration and others.



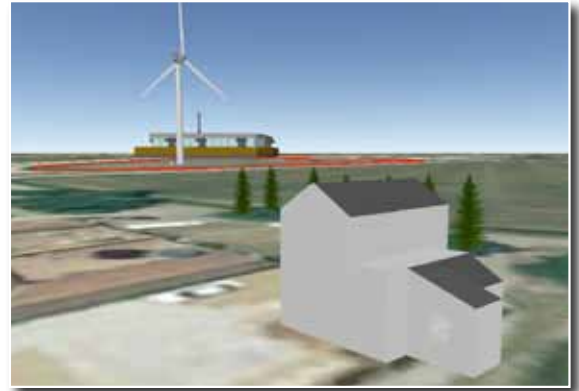
The output is a site-specific screening report that will allow you to assess the critical issues, evaluate project risks, and only focus on EIA tasks that are relevant and appropriate. The screening report can also be provided to planners to assess if an EIA is warranted for the proposal.

VISUALISATION TOOLS



For full wind-farm EIA's visual representation of the project via the production of verified photomontages is required. However, for single and small scale turbines, preparation of verified photomontages can be expensive relative to the available budget.

Harrison Group can provide realistic, scale 3D visualisation renderings of your project in the actual geographic and environmental context, at a fraction of the costs needed for verified photomontages.



This data also can be integrated into appealing and interactive fly-through depictions and videos for planners and the general public.

ABOUT US

Harrison Group Environmental has prepared Environmental Statements (ES) for a number of UK wind farm proposals over the past 3 years for small and medium size developers, and thoroughly understand the unique technical and commercial considerations. Whatever the scale of your project please do not hesitate to contact us and we would be happy to discuss your requirements.

Along with our associates we offer a full range of wind-farm EIA services including:

- Project scoping and public consultation
- Project management and preparation of ES
- Ecological surveys
- Visual and landscape
- ZVI and photomontage
- Noise and shadow flicker
- Telecommunications and airspace
- Road traffic access
- Flood risk
- Archaeology and cultural heritage

Please contact Aamer Raza for more information: aamer@harrisongroupuk.com