

# Welcome to the Community Open Day for Ardtaraig Wind Farm

- Thank you for visiting the Community Open Day. Here you will find a selection of information boards outlining the proposal for Ardtaraig Wind Farm. Please take your time to study the information and please do not hesitate to speak with any of the Ardtaraig project team members who are here to answer your questions.
- If you would like to leave a written comment, please help yourself to a 'Voice Your Opinion' comment form, available from the reception desk.
- There are several ways to obtain further information and to contact us:
  - Our website www.ardtaraigwindfarm.co.uk will be updated regularly to provide you with the latest information. We will publish the planning application documents, including the Environmental Statement, on the website once the application has been submitted to Argyll and Bute Council.
  - > Ring the freephone number 0800 980 4299.
  - Email us at info@ardtaraigwindfarm.co.uk
  - Write to us using Freepost Infinergy Ltd.





## Overview of the proposed plans

- The proposal is to develop a wind farm of up to ten turbines located on the Ardtaraig Estate.
- The development would be located to the south of the existing Cruach Mhor Wind Farm.
- The proposed turbines would have a maximum tip height of up to 136.5m when one of the blades is in a vertical position.
- Ten wind turbines of this size could have an installed generating capacity of up to 32 megawatts (MW). At present there are various different turbine models that suit this site. New and updated models matching the proposed dimensions will also be available and so will also be considered.

#### Electricity & CO<sub>2</sub> equivalent

- Combined, ten turbines with an installed capacity of 32MW would have the ability to produce enough green electricity to meet the annual demand of over 20,000
- The wind farm would replace the emissions of approximately 40,000 tonnes of CO<sub>2</sub> each year\*

Proposed 10-turbine scheme

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NOTE - Published for the purpose of identification only and although believed to be correct accuracy is not guaranteed.

<sup>\*</sup>Source: RenewableUK. These calculations take the variable output of wind power into consideration and are considered industry standard



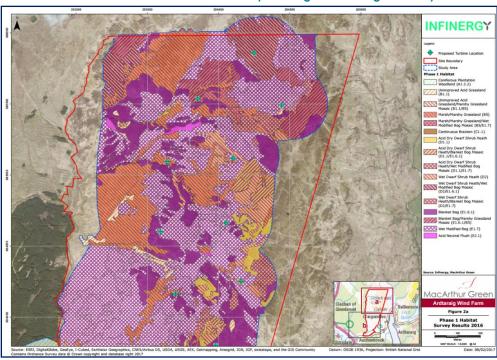
#### Map showing initial ecological survey information

#### **Environmental Considerations**

- Local Wildlife: Ecological surveys are being carried out on the proposed site, including bat and extensive bird surveys. The results of these surveys will be considered in the design of the proposed scheme. During construction, management plans approved by the council will be implemented to ensure any disturbance on local wildlife is kept to a minimum.
- **Peat**: The site's peat location and depth will also be a key consideration in the siting of any infrastructure involved with the wind farm.
- Noise: A detailed noise assessment will be carried in line with the ETSU-R-97 "The Assessment & Rating of Noise from Wind Farms" guidance. The nearest property is over 850m (0.5miles) away.

### **Transport**

- **Tower section**: Wind turbine towers come in numerous sections and are then assembled and erected on site.
- Blades: A blade, however, arrives in one piece. With this in mind, we will undertake a 'swept path analysis' for our port-to-site route options, which will determine the safest and least disruptive option. Both the local and national Highways authorities, as well as the police, will be consulted.







# **Community Benefit and Shared Ownership**

- Community Benefit is something that comes as part and parcel of renewable energy developments these days and whilst it is not considered a 'benefit' in terms of the planning application, the Scottish Government has set the bar in terms of the amount a project is expected to contribute. This amount is £5,000 per MW of operational capacity. In the case of the proposed Ardtaraig Wind Farm this could total up to £150,000 per year for the lifetime of the scheme depending on the final number of wind turbines.
- We want to try to ensure that the funds help the surrounding communities become more resilient and sustainable in the long term. We will work with communities to ensure a suitable body is in place to manage the funds.
- If you have any ideas what initiatives could benefit from funding, please let us know. For example, should the funds support:
  - o Investment in skills and education?
  - o Investment in business enterprise?
  - Tourism infrastructure, eg. mountain bike trails, investment in access, signage etc?
  - o Energy saving measures for local people?
  - o Affordable housing?
  - o Shared ownership in the wind farm?
- There are many options open to the community on how to use this community benefit to generate additional income. The Scottish Government would, in particular, like to see communities maximising the potential a project such as a wind farm can bring through investment, and increased shared ownership is one of its primary aims going forwards.



• Please feel free to write any ideas that you have on how community benefit could make a positive contribution to your local community on the 'post-its' provided and stick them up on this panel. Alternatively, please complete a 'Voice Your Opinion' comment form which is available from the reception desk or just tell us while you are here.



# **Next steps**

- We hope to submit the planning application for **Ardtaraig Wind Farm** to Argyll and Bute Council no later than August of this year.
- An Environmental Statement (ES) including all the results from the surveys will be submitted with the planning application. All documents will be uploaded to our website www.ardtaraigwindfarm.co.uk under 'Downloads'.
- If you would like to receive a CD containing all the planning application documents or a hard copy of the Non-Technical Summary (NTS, a condensed version of the ES), please request this in the 'Voice your opinion' comment form available at the reception desk. The CDs and the NTS are provided free of charge for as long as stock last.
- Professional bodies in the fields of ecology, aviation, telecommunications, noise, landscape, cultural heritage, transport etc will all be consulted. To help the council assess the proposal, not only do they listen to you, the local residents, but also the following consultees:
  - Ministry of Defense
  - Scottish Natural Heritage
  - VisitScotland

- Historic Environment Scotland
- RSPB
- National Air Traffic Services

- Ofcom
- Local Community Councils
- SEPA
- The timeline shown below gives an indication of possible timescales should the proposal be deemed acceptable and is subject to change depending on the planning process.

