



GLOBAL WIND DAY EVENT

*Carnsore Wind Farm Open Day (Co. Wexford)
June 14th 12 Noon- 6p.m*

Type of events:

- **Step inside a turbine** (two turbines will be open to the public)
- **Learn about a sub-station and how electricity is transported**
- **Tour the wind farm in an ESB electric vehicle**
- **Marquee**
 - **Information stands**
 - **KNEX Engineering Challenge corner for kids**
 - **Wind and solar energy model demonstrations**
 - **Blender bike, use the science of rotational energy to cycle your own smoothie!**
 - **Face painting and children's entertainment**
 - **Goodie bags**

Description: Carnsore Wind Farm in the south-east of Ireland was completed in November 2002. The first wind farm on the east coast of Ireland, Carnsore Point consists of 14 Vestas 850kW turbines, 4km of 20kV network and a 20/38kV substation. Full turbine output from the wind farm is 11,900 kW, which is achieved at a windspeed of approximately 16m/sec. Plant availability guarantee is 95 per cent. The wind farm provides electricity to run between 10,000–12,000 homes per year.

Every year from now on this green energy will:
Save the emission of more than 30,000 tonnes of CO ₂ , the main greenhouse gas
Save the emission of more than 400 tonnes of SO _X
Save the emission of more than 100 tonnes of NO _X
Produce enough green energy to meet the electricity needs of more than 10,000 homes
Save the import of more than 7,220 tonnes of fossil fuel annually

Location: *Members of the public can drive directly to the wind farm and park onsite.*

Date and time: June 14th from 12:00 – 16:00

Cost: *Free*

Organizer

Name of company: **ESBI International**

Contact info. for event organizer as follows:

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