



eastwest
interconnector



The purpose of this leaflet is to provide accurate information to local residents regarding the EirGrid East West Interconnector. It is important that local residents have full factual information especially about health and safety matters, as incorrect information can cause unnecessary worry.

- The Interconnector is safe and in compliance with the national and international guidelines in relation to exposure to electromagnetic field (EMFs). (The safety guidelines are more than 9000 times greater than the magnetic field of the Interconnector).
- Reference has been made to studies conducted by the Oxford Childhood Cancer Research Group and Draper. The studies relate to a different form of electricity than the form that will be transmitted on the East West Interconnector. The field associated with the Interconnector is a static magnetic field similar to the earth's natural magnetic fields.
- The minimum burial depth of the cables will be 1 metre (and not 300mm) which is standard practice for underground electricity cables.
- The cable will be contained within a heavy duty plastic duct which is surrounded by different layers of protection, which include, lean mix concrete, protective tiles, and plastic warning tapes.
- As the cable is in the public road, a road opening licence is required before digging. Therefore no residents are at risk of accidentally digging up the cable.
- There are over 300 kilometres of high voltage underground electricity cables in Dublin City, including residential areas.



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- EirGrid has endeavoured to avoid urban areas where possible in order to minimise temporary traffic disruption during the installation phase. Donabate, Portrane and Lusk were considered during the land cable route selection. Engineering, environmental and physical constraints in the marine environment were the reasons for selecting Rush North Beach as the landing point for the cable. This meant that it was not possible to avoid Rush.
- Rush North Beach is a viable route which has been granted planning permission from the independent planning authority, An Bord Pleanála.
- Rogerstown Estuary is a designated Natura 2000 site and EU guidelines set down that any project having a significantly negative effect on a site may only be authorised in the "absence of alternative solutions".
- Works will progress at a rate of approximately 30 to 50 metres per day in Rush so if we are outside your door today we will have moved on the next day.
- A community contribution of €100,000 has been allocated to Fingal, with 90% ring fenced for Rush. Full details on how local groups and associations can apply for funding will be advertised by Fingal County Council later this month.

For more detailed information on the points above please visit www.interconnector.ie or call the project team on **1890 36 46 56**.

We would like to work with the local community groups and representatives to minimise any disruption as much as possible so we can work together to deliver such an important project for Ireland.