

# 6 Onshore cabling overview

The installation of the c.19km of underground cables will be undertaken by Nexans, who is responsible for the design, supply and installation of the offshore and onshore cabling. Nexans is a global company with more than 120 years of experience in the cable industry.

Nexans, our Principal Contractor, will employ a Subcontractor (to be confirmed) to undertake the onshore cable installation work.

This is an outline of the construction work that you may see in the coming months based on the existing consented route. In the event that our proposed route alteration is consented, the construction process will remain the same.

Initial construction activity will include the 'mobilisation' of our contractors.

This is where they will begin to move plant, welfare facilities and some materials to their construction compounds which are shown on the accompanying maps provided on our website.

Our contractors will also begin to work on constructing various access points which is where they will take access to the cable route work areas from the local road network.

As they begin to take access to the work area, they will mark out the cable route boundary with fencing in order to both create a safe work zone but also to ensure that farm animals and members of the public are excluded from the work area.

Once the work zone has been created, our contractors will begin work on the cable installation itself. This will involve the following activities:

- Ongoing creation of temporary access points, haul roads and access roads
- Creation of temporary construction compounds and storage areas
- Excavation of trenches and installation of cable ducting
- Excavation of cable 'pits'
- Installation of 'Joint Bays'
- Laying of cables through the installed ducts
- Reinstatement of the ground once the above activities are complete

The route includes the requirement to cross a watercourse. This will be crossed using HDD (Horizontal Directional Drilling) underneath the watercourse.

We have provided more information about each element of the works on the following information panels which we hope you will find useful and interesting.

You will also find each of the maps shown on these information boards numbered as a separate file on the project website, If you have any questions or concerns not answered in these boards then we would ask that you contact us via the means on the final 'Keeping in touch' board and we will do our best to assist.

