SUBMARINE CABLES

Powering Connectivity, Enabling Resilience

Beneath the waves lies a hidden yet essential lifeline: the UK's network of submarine telecommunications and power cables.

These cables form part of the nation's critical infrastructure, supporting:

- **The UK economy, which depends on seamless global digital connectivity**
- **The delivery of clean, reliable energy from offshore renewable sources**

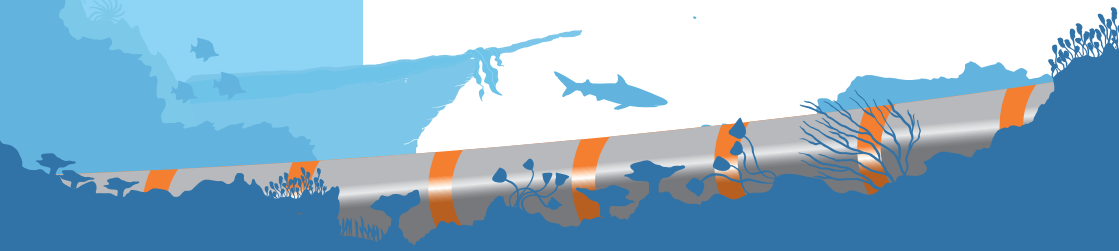
OUR ROLE

To keep this infrastructure strong and secure, cable companies rely on high-quality, openly available marine data from MEDIN's Data Archive Centres (DACs). These data are vital for:

- **Identifying optimal cable routes**
- **Avoiding underwater hazards**
- **Understanding key environmental factors like ocean currents and seabed conditions**

This ensures cable networks are not only cost-effective to install but built to last in the challenging marine environment.

- BATHYMETRY
- FISHERIES
- SPECIES & HABITATS
- GEOLOGY & GEOPHYSICS
- HISTORIC ENVIRONMENT
- METOCEAN
- OCEANOGRAPHY



MEDIN
marine environmental data & information network

Explore trusted, quality-controlled marine data freely available from

MEDIN.ORG.UK/DATA-ARCHIVE-CENTRES