

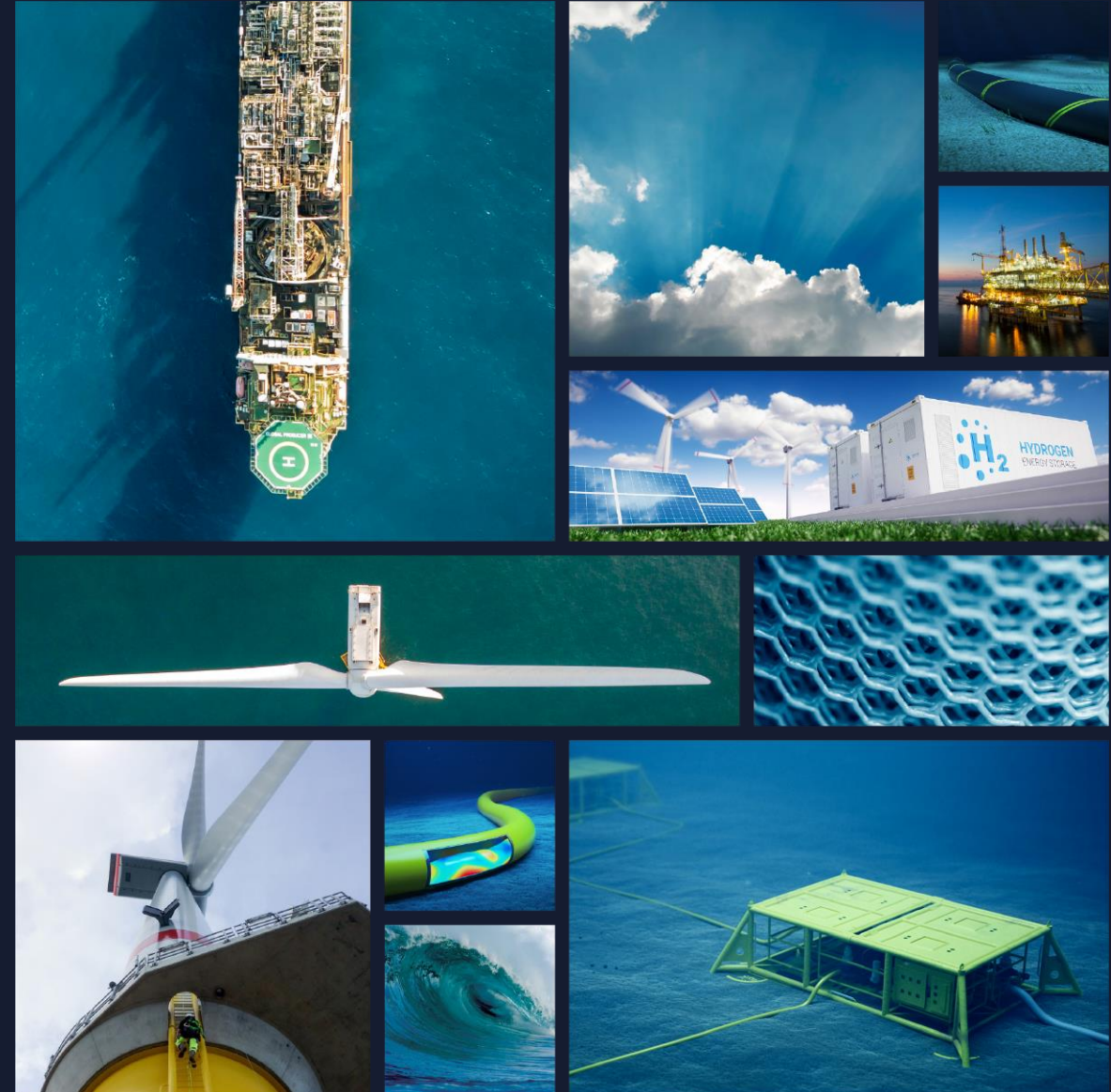


OEUK HEALTH & SAFETY CONFERENCE

Cabling the Energy Transition – Environmental Legislation

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WWW.XODUSGROUP.COM





WHAT WE DO

Helping our clients thrive in an evolving energy world.



ADVISORY

Integrating our diverse technical and commercial expertise



ENGINEERING

Using experience and knowledge to maximise performance



ENVIRONMENT

Delivering a sustainable and responsible energy future

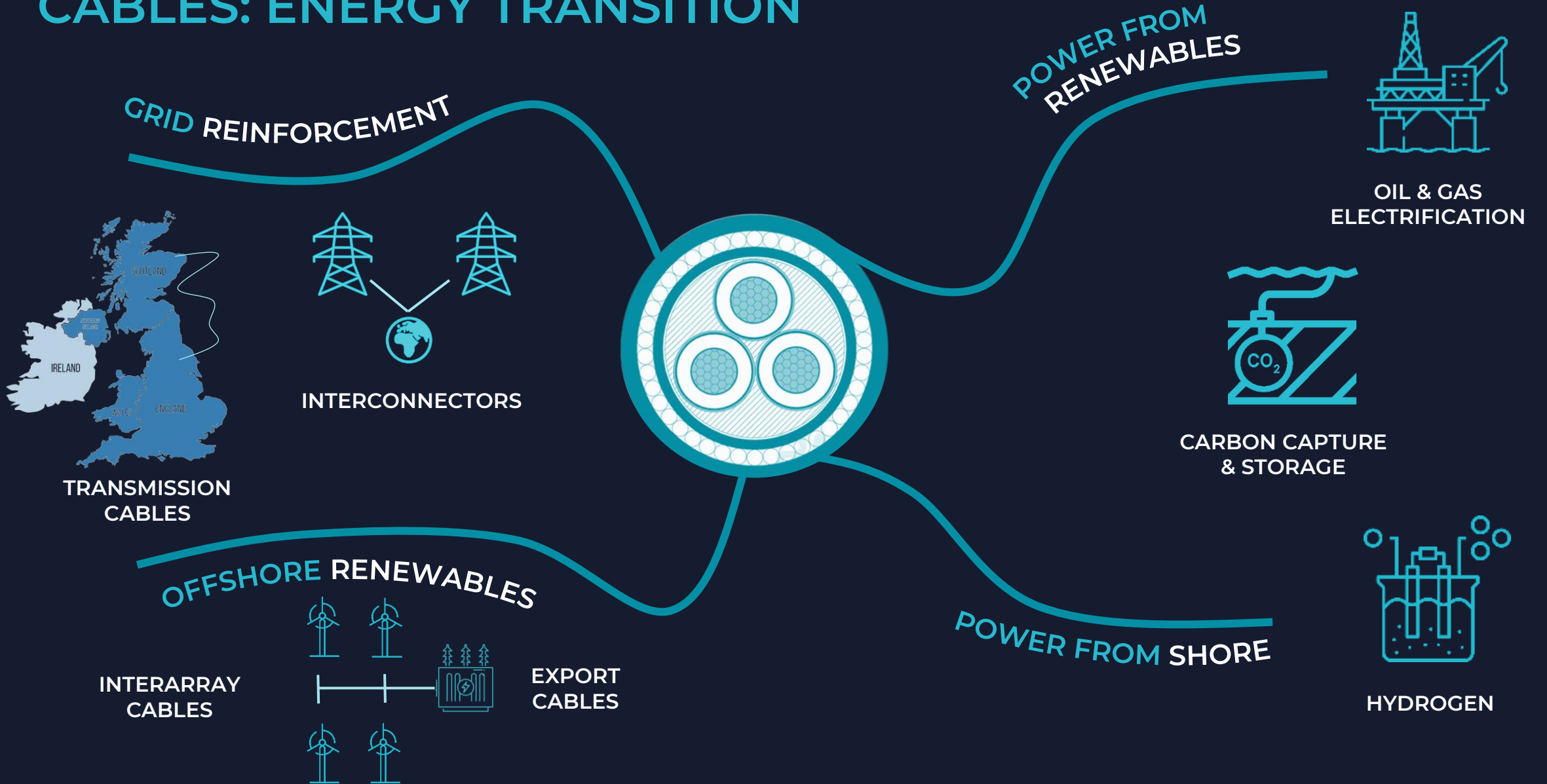


SUPPLY CHAIN

Adding value to projects, communities and consumers

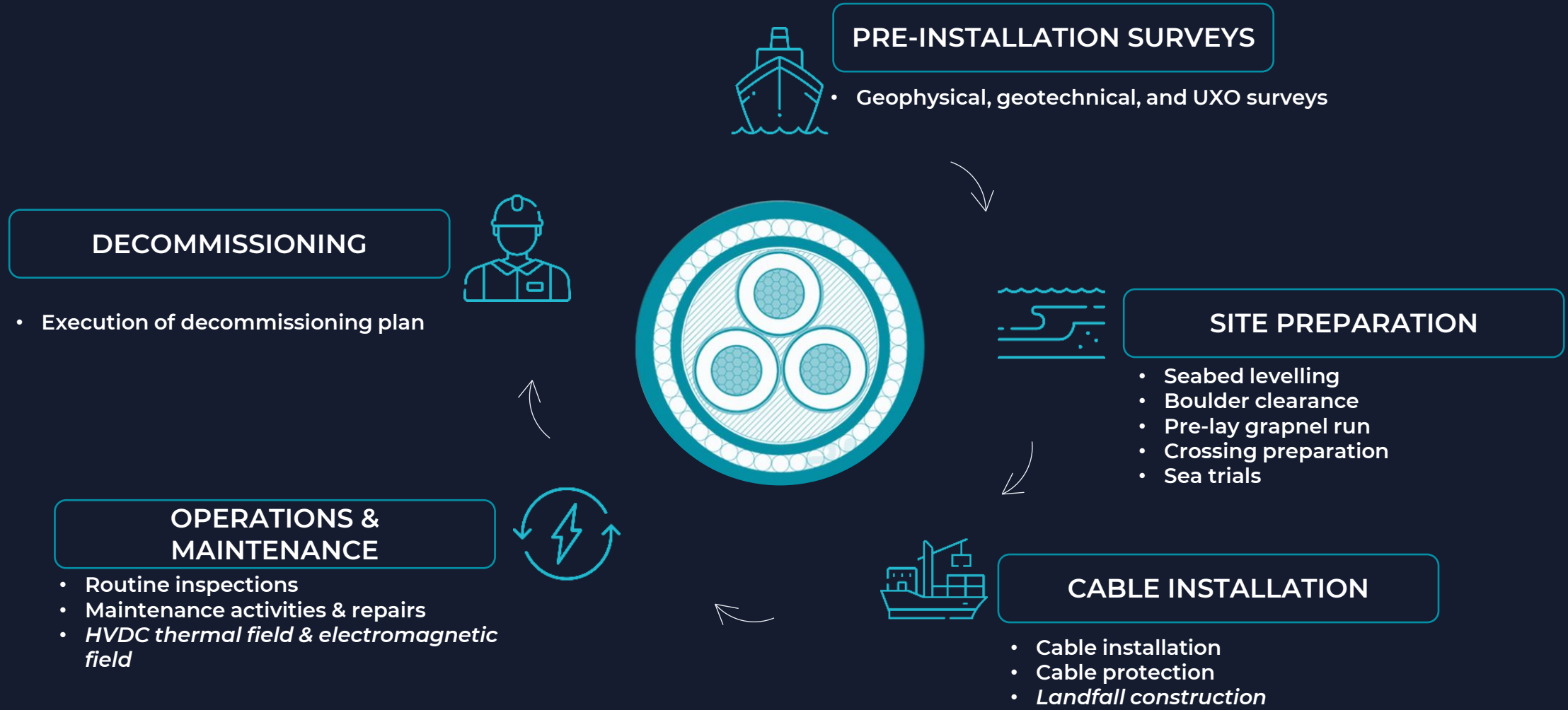


CABLES: ENERGY TRANSITION





CABLES: LIFECYCLE





CABLES: ENVIRONMENTAL IMPACT



PRE-INSTALLATION SURVEYS

- Seabed disturbance
- Generation of underwater sound
- Disturbance from vessel presence



DECOMMISSIONING

- Habitat modification
- Seabed disturbance
- Disturbance from vessel presence



SITE PREPARATION

- Seabed disturbance
- Habitat modification
- *Sandwave clearance*



CABLE INSTALLATION

- Seabed disturbance
- Habitat modification
- Disturbance from vessel presence
- *Disturbance to intertidal ecological features*



OPERATIONS & MAINTENANCE

- Infrequent disturbance from vessel presence
- Infrequent seabed disturbance
- *Thermal/EMF emissions*



CABLES: OFFSHORE LEGISLATION

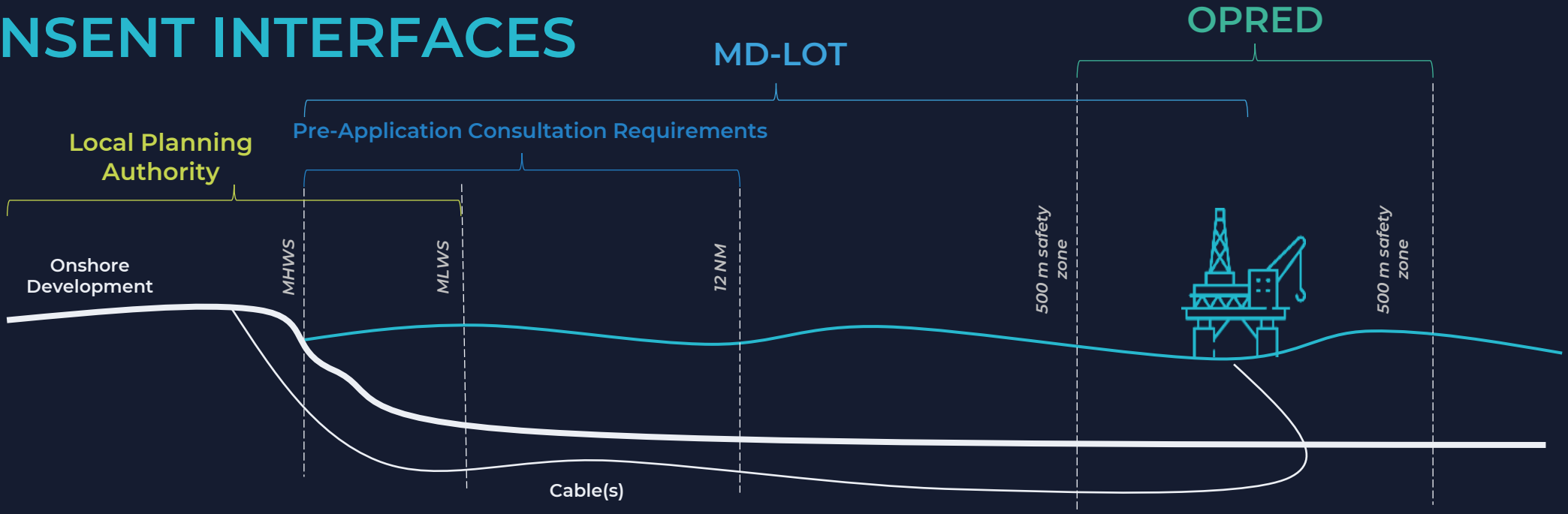


	O&G Umbilical	Electrification (O&G, CCS, H2)	Electrification (O&G, CCS, H2)	Transmission Cables
REGULATOR	OPRED	If MMO/MD-LOT	If OPRED	MMO/MD-LOT
Petroleum Act 1998	✓			
Energy Act 2008	✓		✓	
Marine and Coastal Access Act 2009	✓	✓	✓	✓
Marine (Scotland) Act 2010	✓	✓	✓	✓
ENVIRONMENTAL IMPACT ASSESSMENT (EIA)				
The Offshore Oil and Gas Exploration, Production, Unloading and Storage (Environmental Impact Assessment) Regulations 2020	✓		✓	
The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017		✓		✓
The Marine Works (Environmental Impact Assessment) Regulations 2007		✓		✓

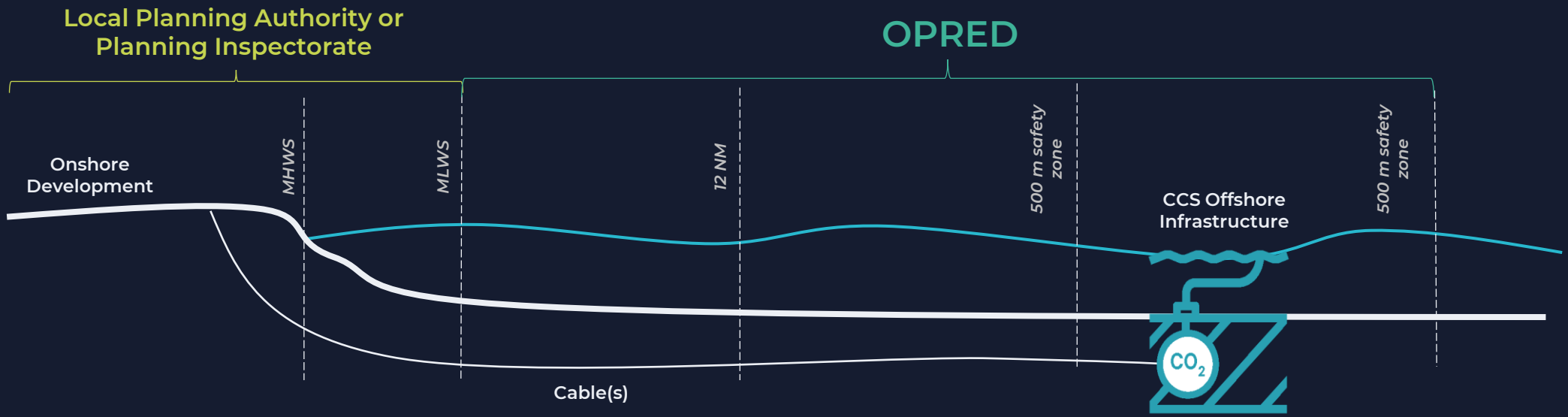


CONSENT INTERFACES

SCOTLAND



ENGLAND





KEY TAKEAWAYS



Need for focus on consenting of **low carbon** and **decarbonisation** projects.



Engage **early** with the regulator and key stakeholders



Essential to **avoid** regulatory uncertainty.



Regulations may act as a **stopper**, not enabler: significantly different consenting timelines and multiple regulatory interfaces.



Opportunity to look at things from a **different point of view** – e.g. using existing legislation or creating new legislation.