

# Multi-Purpose Interconnectors

Achieving grid resilience and flexibility in a low carbon world



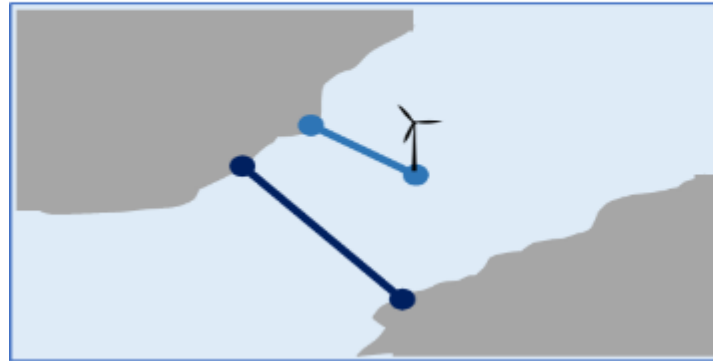
**Nick Pittarello**  
Head of Future Interconnection

All-Energy Conference, 10th May

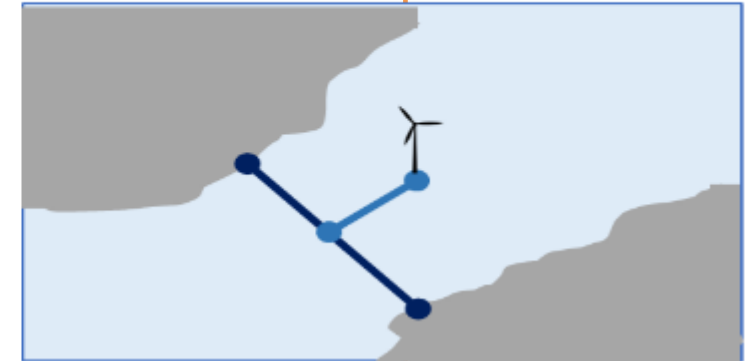
## ***A project that combines cross-border interconnection with the transmission of offshore generation***

- Also known as 'hybrid projects'
- New concept- only existing example *Kriegers Flak*
- Vision for a North Sea offshore grid

Interconnectors and radial offshore wind

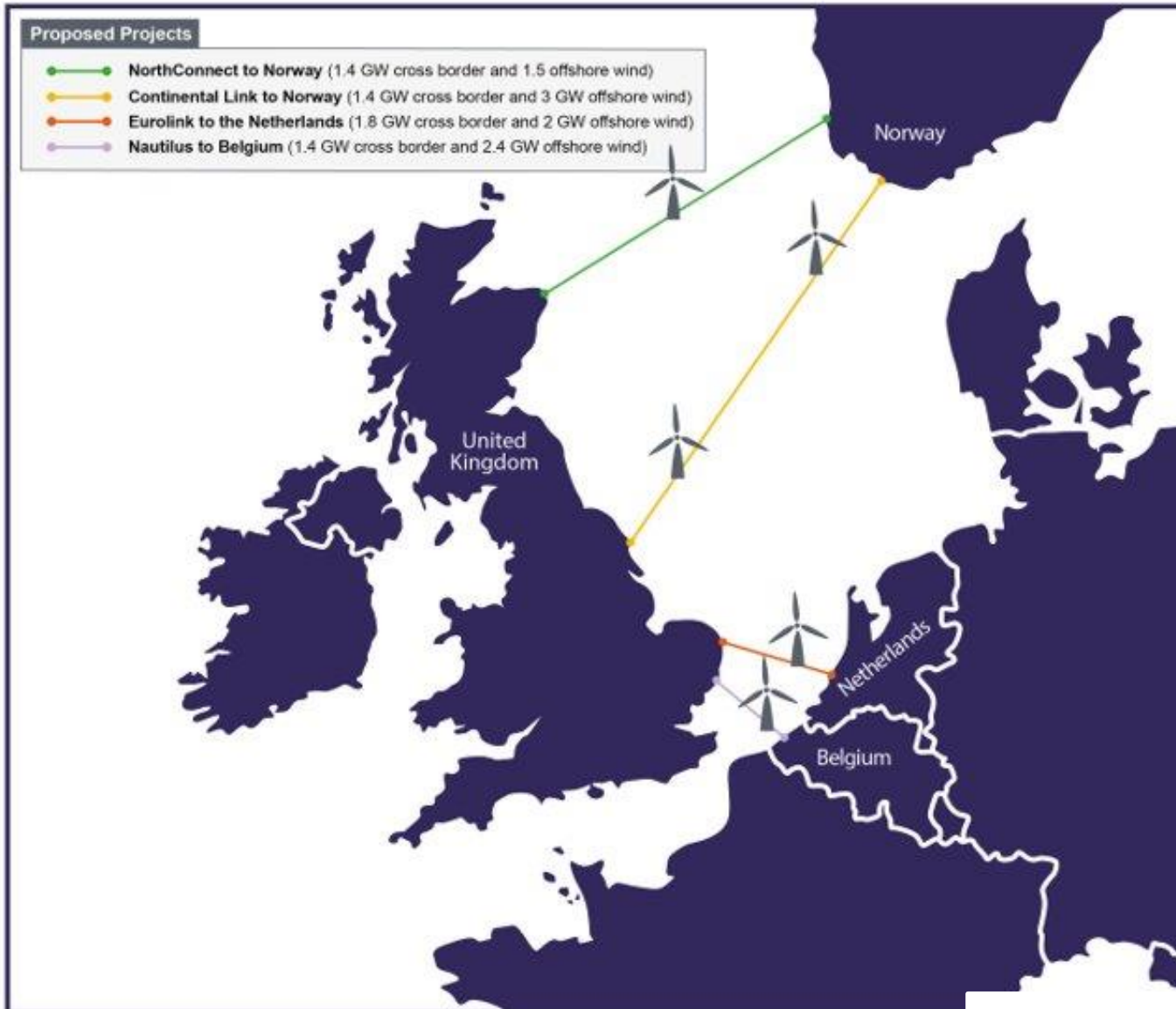


Multi-purpose interconnectors



### **Benefits:**

- ✓ Reduce impact on coastal communities and marine environment
- ✓ Cost-efficient use of infrastructure by helping deliver offshore windfarms
- ✓ Help with net zero targets by introducing renewable energy to the grid
- ✓ Contribute to security of supply through diversified pool of generation



MPI Pilot Scheme opened autumn 2022 to create a regulatory framework to enable early opportunity MPIs

**4 projects** applied

## Interconnectors

Current operational capacity = **8 GW**

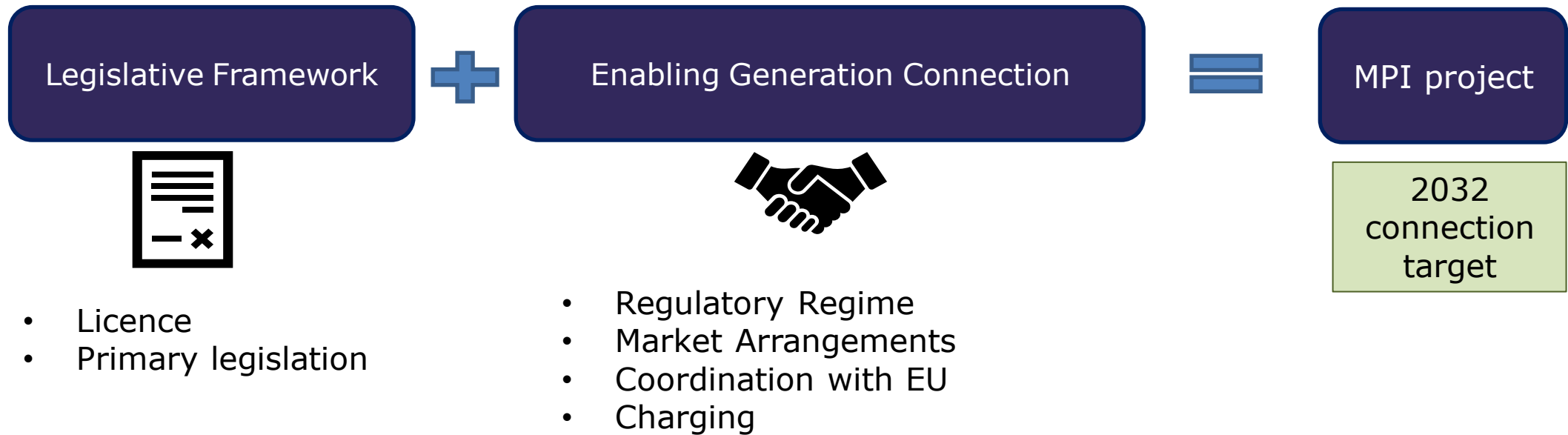
Projects in development = **7 GW**

UK gov ambition for 2030 = **18 GW**

New proposed I/Cs = **9 GW**

## MPIs

Proposed capacity = **3 GW**



- ① Treatment of unique assets such as offshore converter platform
- ① How can congestion revenue be used and shared?
- ① How can wind farms be incentivised to connect?
- ① How will operations work?

