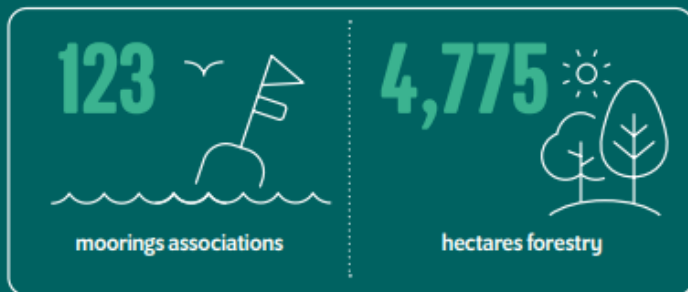
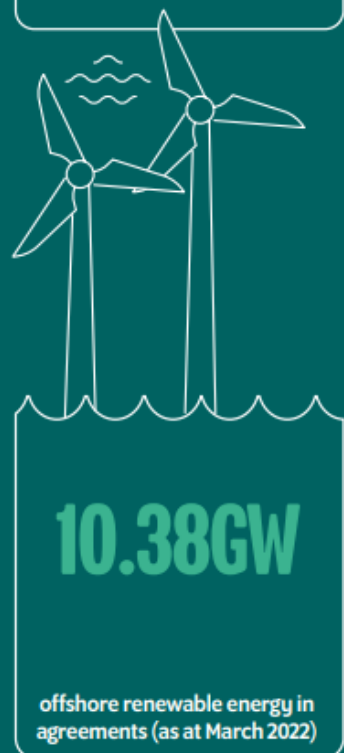
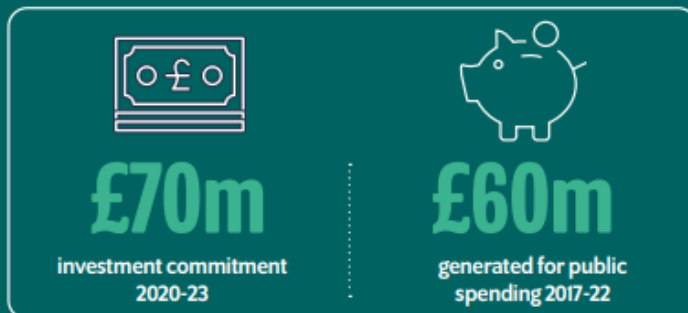




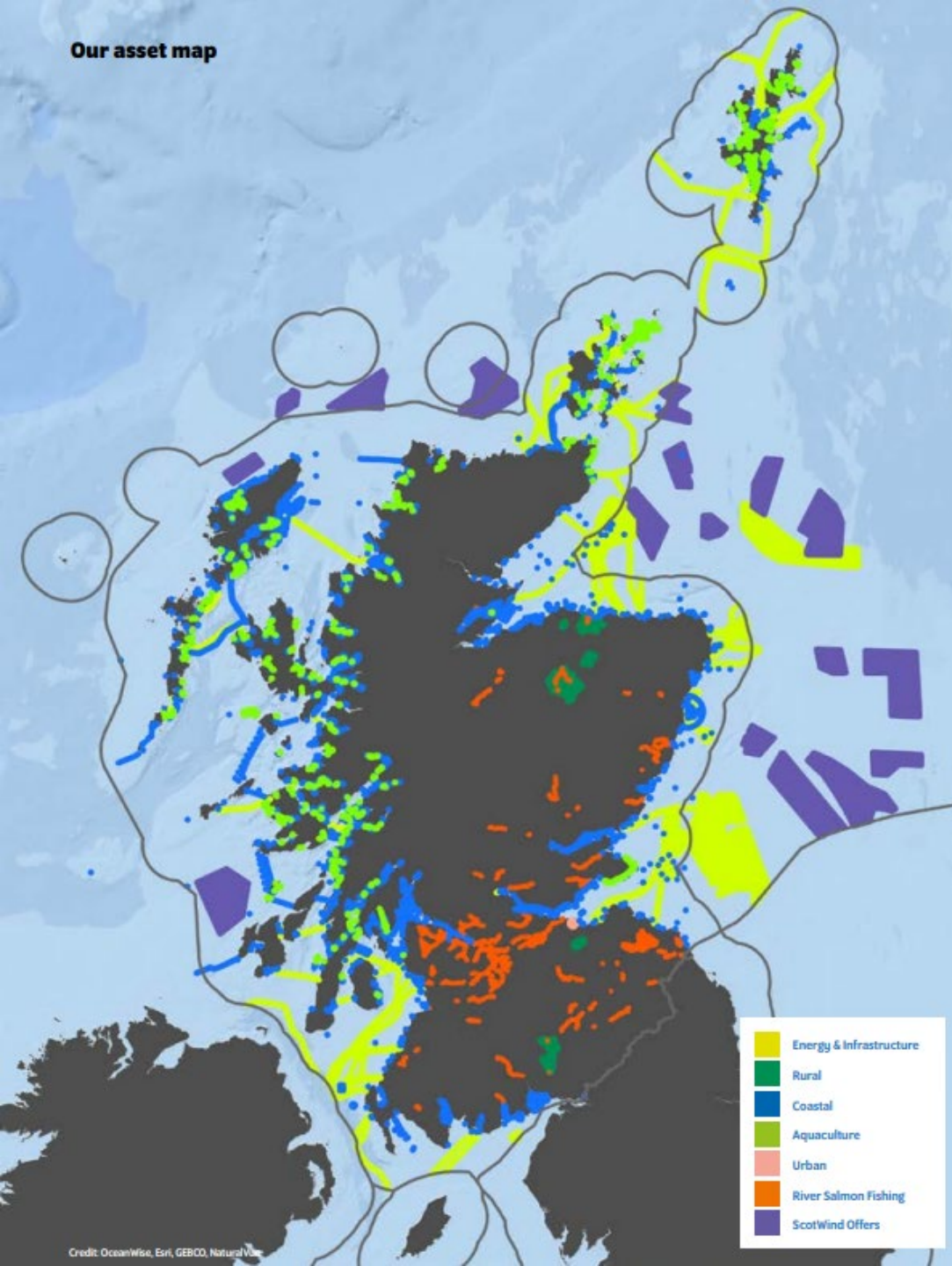
Achieving targets and unlocking lasting
value for Scotland



Who are we?

What do we do?

- We manage property including buildings, land, coastline and seabed on behalf of the people of Scotland.
- Our purpose is to invest in property, natural resources and people to generate lasting value for Scotland.



Our Portfolio



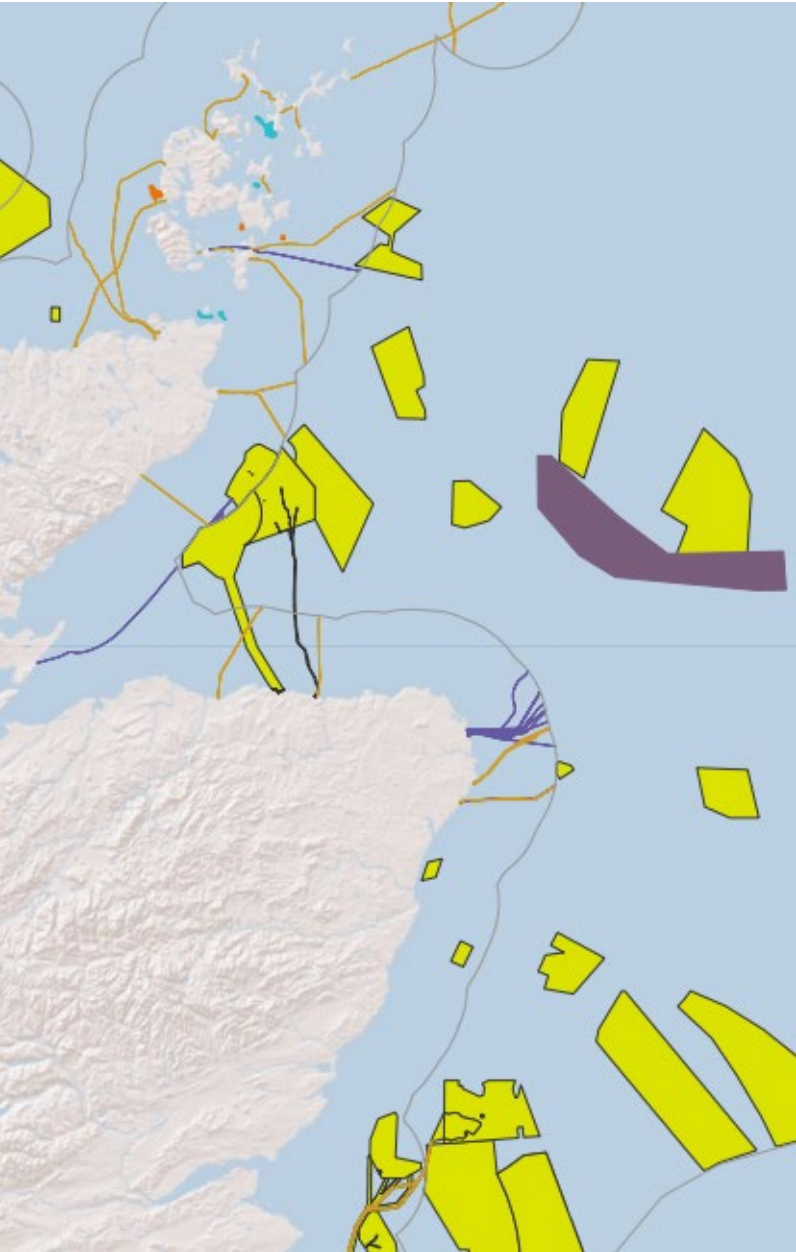
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Scotland**
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Building the blue economy



- Offshore renewables
- Ports & harbours
- Local energy systems
- Transmission
- Carbon capture & storage
- Telecommunications
- Marine tourism
- Sustainable aquaculture

Our key role in offshore renewables

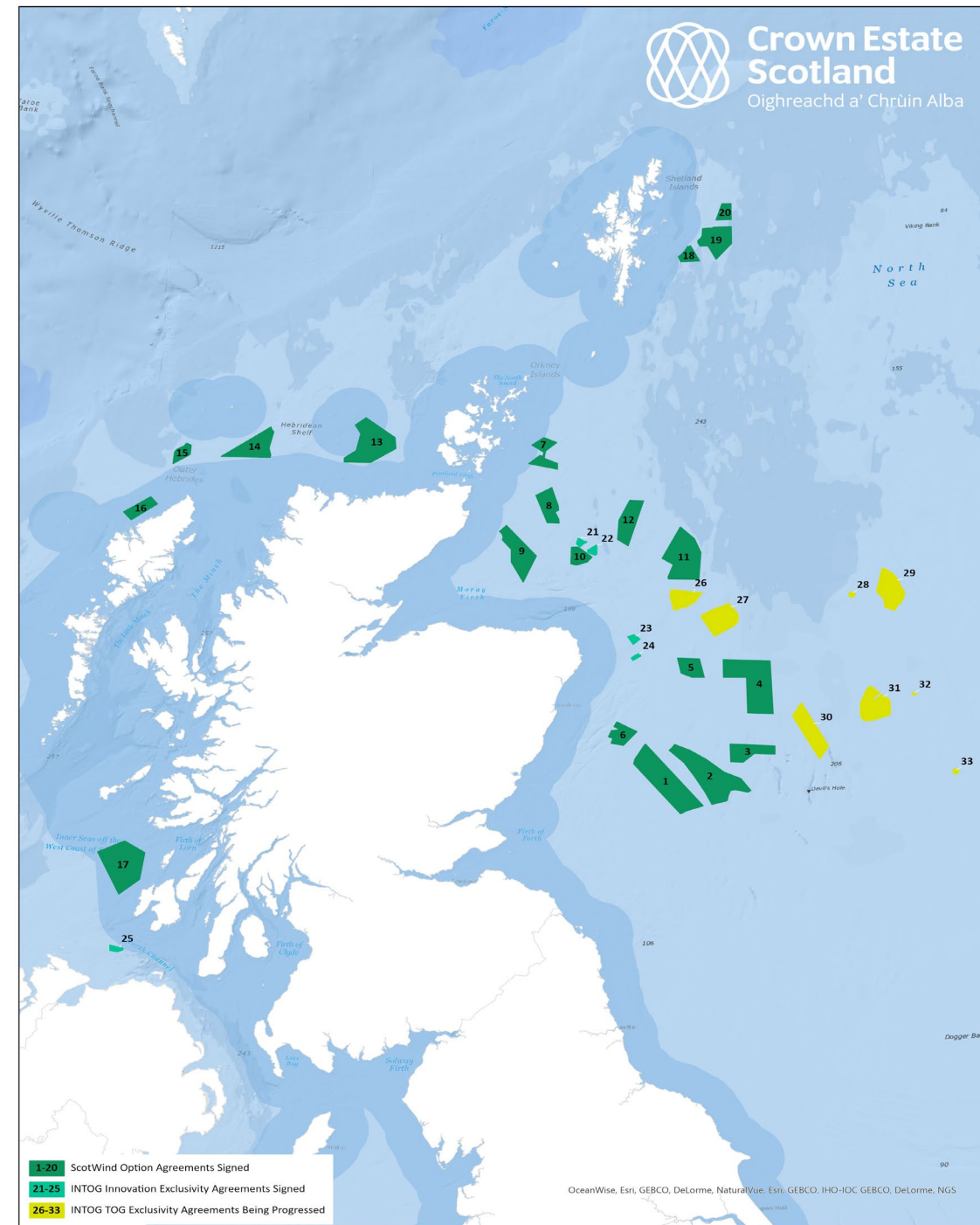
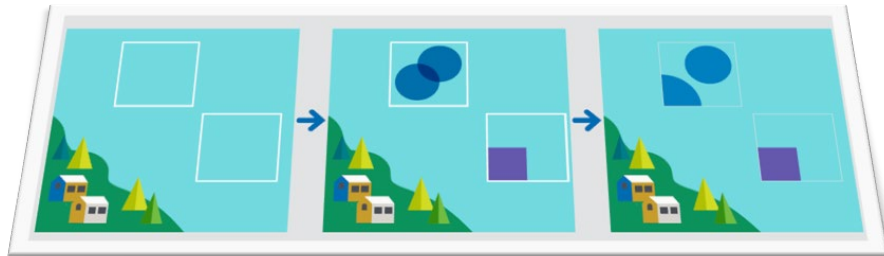


Our responsibilities include:

- Leasing of the seabed out to 12 nautical miles (cables and pipelines, aquaculture)
- The rights to offshore renewable energy and gas and carbon storage out to 200 nautical miles
- **Marine Directorate** (previously Marine Scotland) are responsible for strategic marine planning and grant consents for projects.
- Crown Estate Scotland award Option Agreements or Agreements for Lease which secure the right to investigate the site.
- Crown Estate Scotland only grants a Lease once necessary consents and permissions are in place.

ScotWind

- Plan led process - Marine Scotland's Sectoral Marine Plan (SMP) for Offshore Wind
- **20** ScotWind projects with **8000km²** of seabed secured (from 74 bids)
- £755m Option Fees for Scottish Public spending
- £1.4bn average Scottish supply chain commitment per project
- Builds on existing pipeline of 8 projects in construction and development
- Over 40GW of potential offshore capacity now visible in Scotland



Innovation and Targeted Oil and Gas (INTOG) leasing

Objectives for Innovation Projects (<100MW):

- To enable projects which support cost reduction
- To further develop Scotland as a destination for innovation and technical development

Objectives for Targeted Oil and Gas Projects:

- To maximise the role of offshore wind to reduce emissions from O&G production
- To achieve target installed capacity in a way that delivers best value for Scotland and supply chain opportunity



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INTOG Results

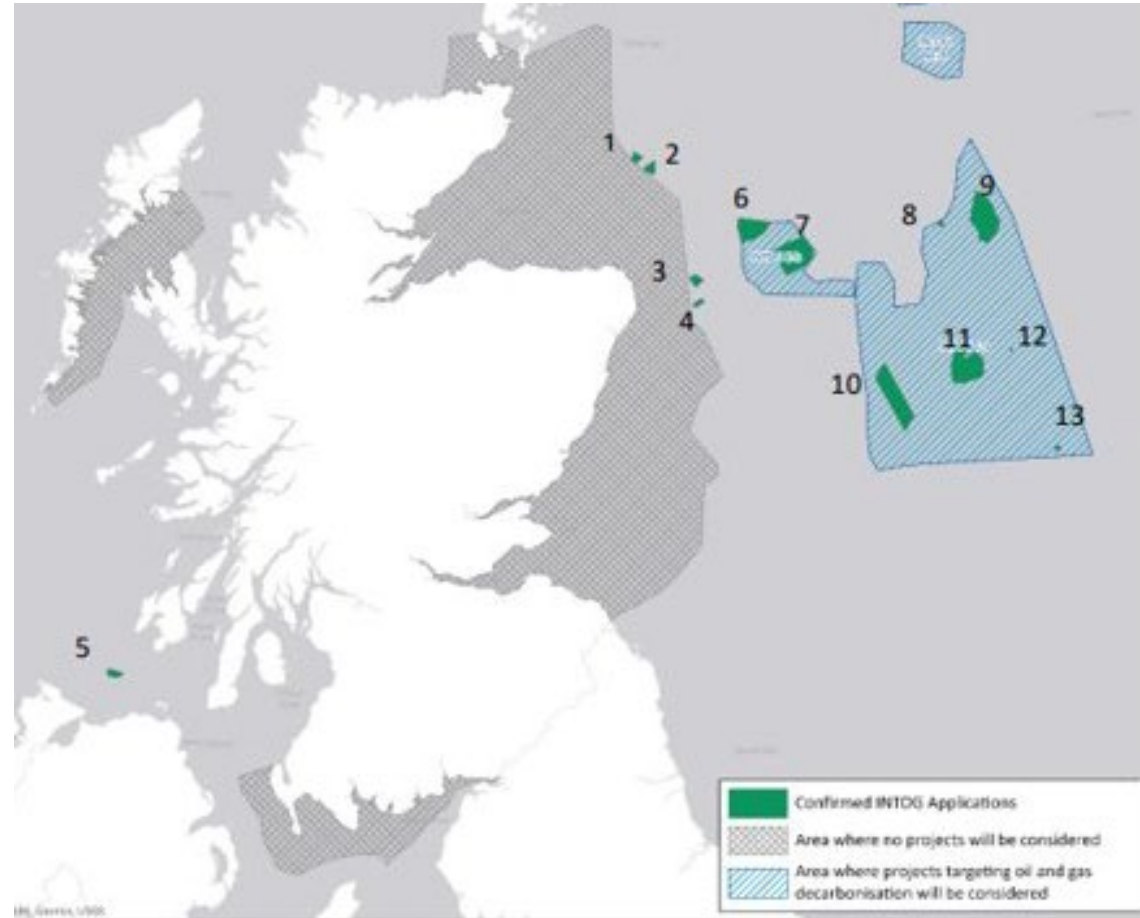
13 Projects offered
Exclusivity Agreements:

5 Innovation Projects

- 449MW awarded
- Area of seabed – 139km²

8 TOG Projects

- 4.96GW awarded
- Area of seabed – 1535km²



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Wave and tidal

- Over 480 MW of wave and tidal energy sites with seabed agreements
- **Currently operating an open ad-hoc leasing process:**
 - Up to 3MW for test and demonstration
 - 3 - 30MW where there is sufficient evidence of energy yield from selected technology
- Our role also extends to:
 - Funding research and technical studies to enable sector growth
 - Investing in ground breaking projects
- Market engagement survey due to commence shortly

Wave & tidal

Wave

- Agreement / Option for Lease
- Lease

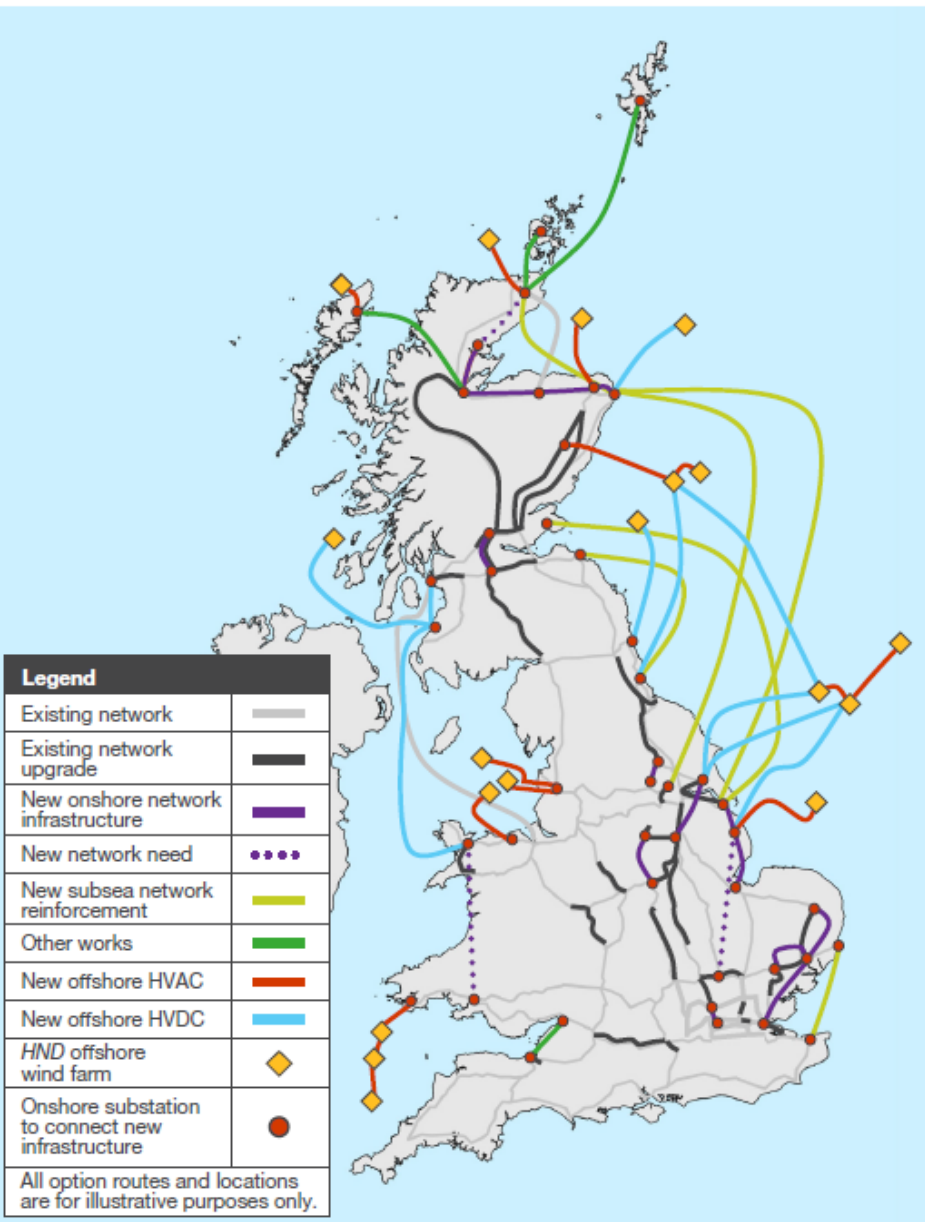
Tidal

- Agreement / Option for Lease
- Lease



Opportunities and challenges ahead

- Three key areas – due to scale:
 - Grid (HND & HND FUE)
 - Consenting
 - Building supply chain
- Collaboration is a buzzword but we need to translate this into practical early engagement and successful combined project development and delivery
- Cross-sector working essential on innovating market design, progressing significant technical and skills challenges



Collaboration, cooperation and colocation

- Growth and demand
 - Meeting Net Zero targets
 - Pace and timing
 - Increasing seabed demands
 - Marine protection
 - Natural capital
 - Economic activity
- Collaboration and cooperation
 - Understanding other sectors and their needs
 - Communication on shared space and willingness to work together
 - Innovation to create colocation opportunities





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Thank you

www.crownestatescotland.com