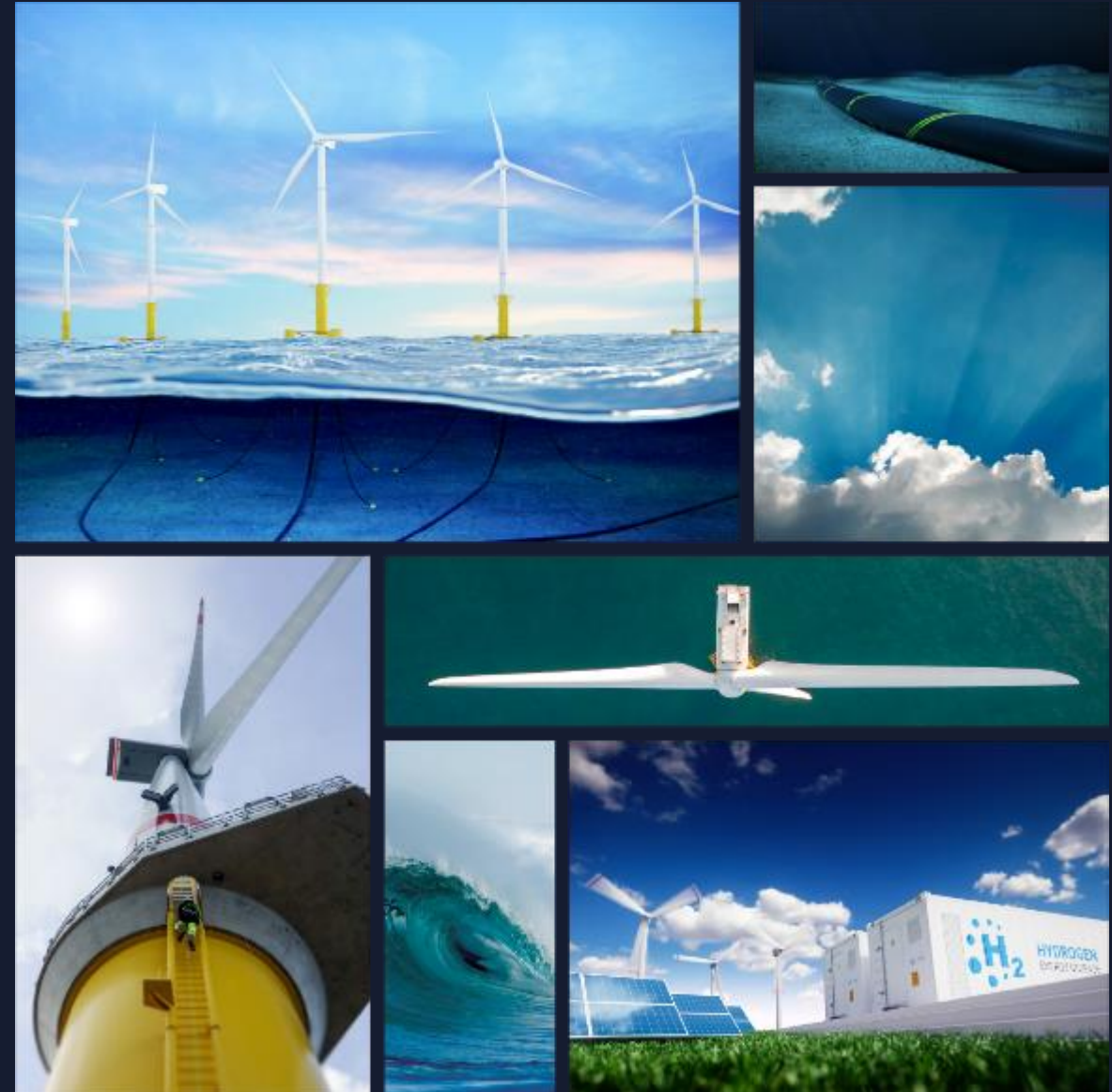




Floating Wind: Informed & proportionate EIAs, the added bonus of test & demo' windfarms

Liz Foubister
Renewables Consenting
Technical Authority

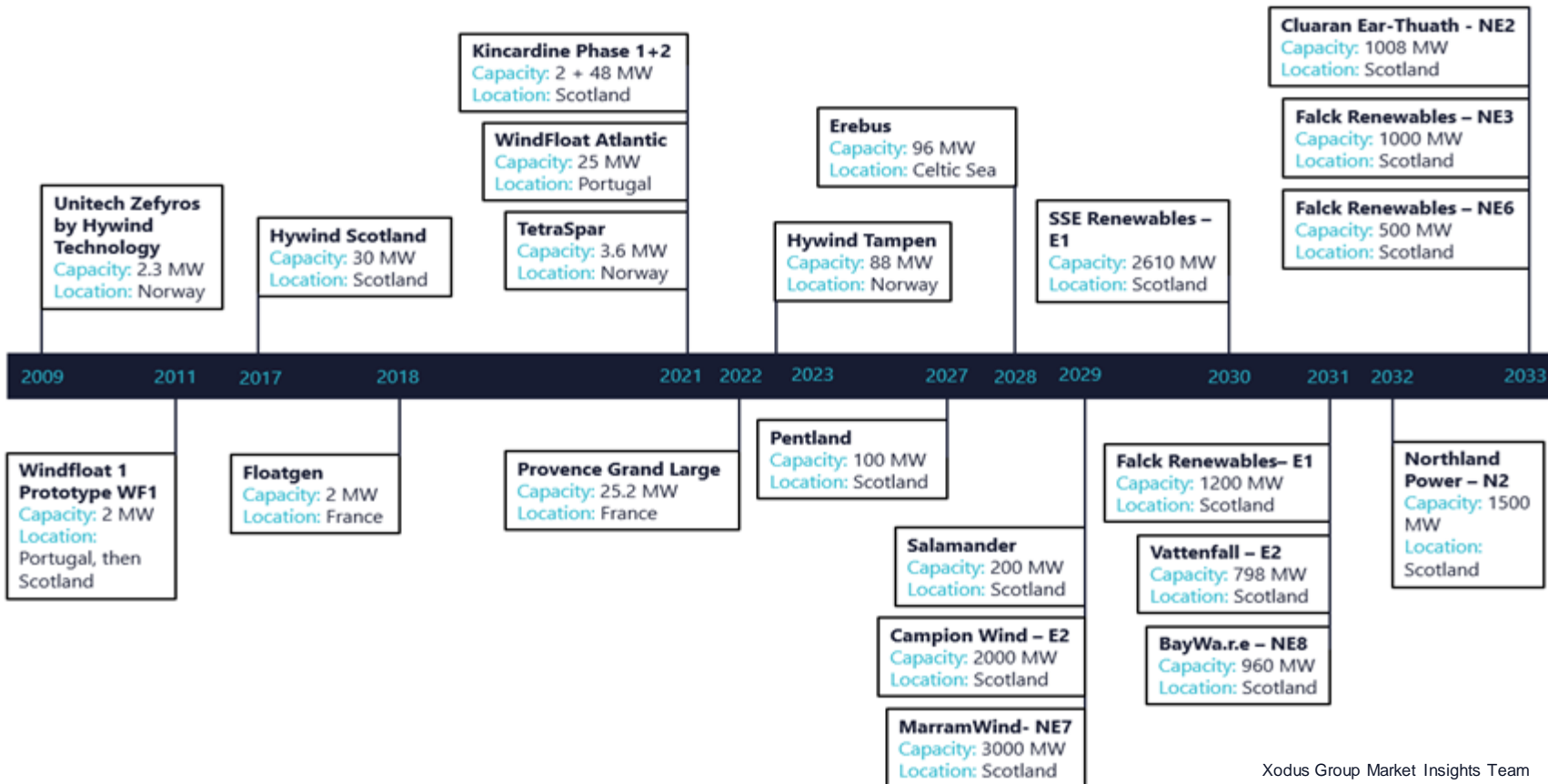
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Proportionate EIA – why?

- Ambitious net zero targets, offshore wind inc floating key contributor



Scottish target 11GW offshore wind installed by 2030

1.9GW installed/operational
~4GW consented/under construction

Need additional ~5GW consented & constructed by 2030

ScotWind added 25GW, 15GW floating wind

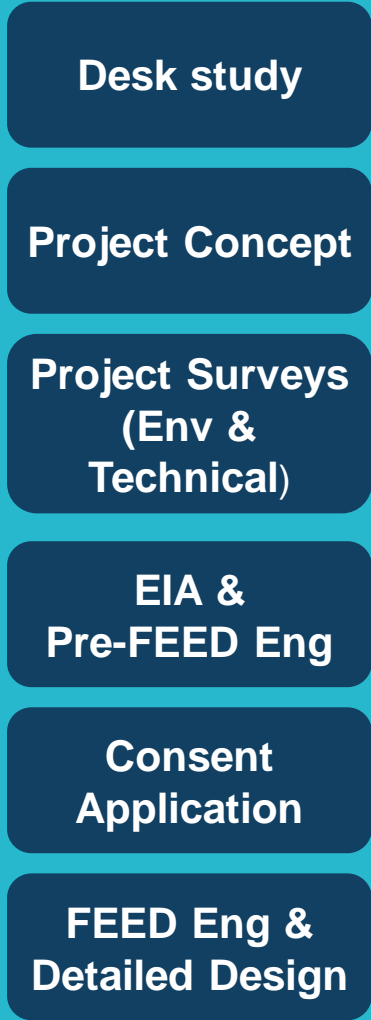




Proportionate EIA – why?

- Current lack of resources
 - Developers
 - Consultants
 - Regulators, their advisors & stakeholders
- It takes time to develop a project:
 - Concept development and Pre-FEED engineering
 - Consent application including EIA
 - Finance & procurement
 - Installation and commissioning

More focused EIA **WILL** reduce resource requirements & give the opportunity for shortened consenting timelines



Floating wind opportunities

- Deployed further offshore, removes key impacts
 - Seascape, landscape & visual
 - Impacts on breeding bird populations
 - Spatial flexibility to locate away other users e.g. navigation & fisheries
 - Reduced need for percussive piling
- *May raise some new issues e.g. inshore during assembly, but spatially limited*



Proportionate EIA

It's been achieved in other industries

- Oil & Gas
- Aquaculture



<https://wallup.net/oil-gas-rig-platform-ocean-sea-ship-boat-1orig-41/>

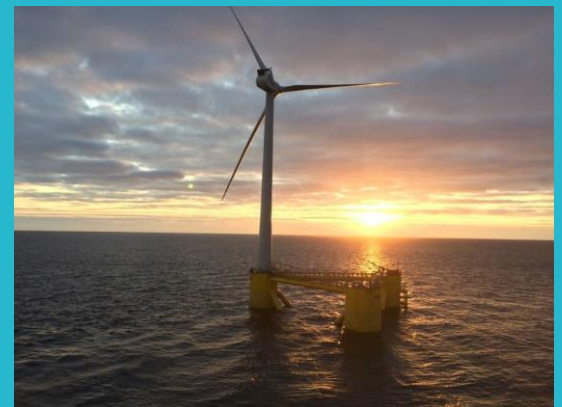
How do we achieve it?

- Most importantly ensure lessons *QUICKLY* learnt
 - Reflected in impact assessment requirements / methods
 - Implemented throughout the industry, in all jurisdictions / worldwide
 - Look for ways to collaborate between different jurisdictions
- Continue to work towards a consensus on how best to monitor
 - Mix of research initiatives public (e.g. FOW CoE) & developer led
 - Appropriate & practical approaches
- Importance of ensuring streamlined approaches can't be underestimated
 - Expedite application of results; industry progress
 - Avoid duplication of effort
 - Digital EIA *MUST* have a role to play

Worlds first and largest floating wind arrays

Important to use this resource to build knowledge

Plus..... INTOG





Progress to date

 <p>Floating Offshore Wind Centre of Excellence <i>Consenting Risks & Opportunities</i> <i>Fisheries Interactions Road Map</i> <i>Environmental Interactions Roadmap</i></p>		
<p>ScotMER Marine Scotland led initiative</p> 	<p>Offshore Wind Evidence & Change (OWEC)</p> 	<p>Offshore Wind Environmental Evidence Register (OWEER)</p> 
<p>Offshore Wind Joint Industry Programme (ORJIP) Stage 2</p>  <p>working to accelerate offshore consenting</p>	<ul style="list-style-type: none"> • Orsted & SAMS • Floating Offshore Wind Turbine Noise (FORTUNE) • etc 	

**Added bonus of
test & demo
floating windfarms**

Technological
innovation

Supply chain
development

AND

**Develop
understanding of
long-term
environmental
effects**



THANK YOU



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