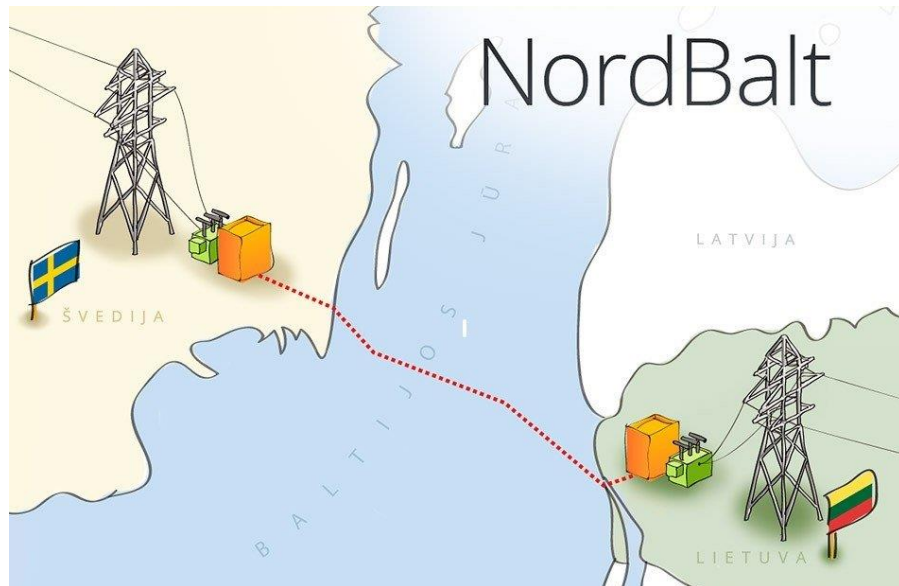


From climate to geopolitics: The strategic relevance of offshore wind energy and green hydrogen

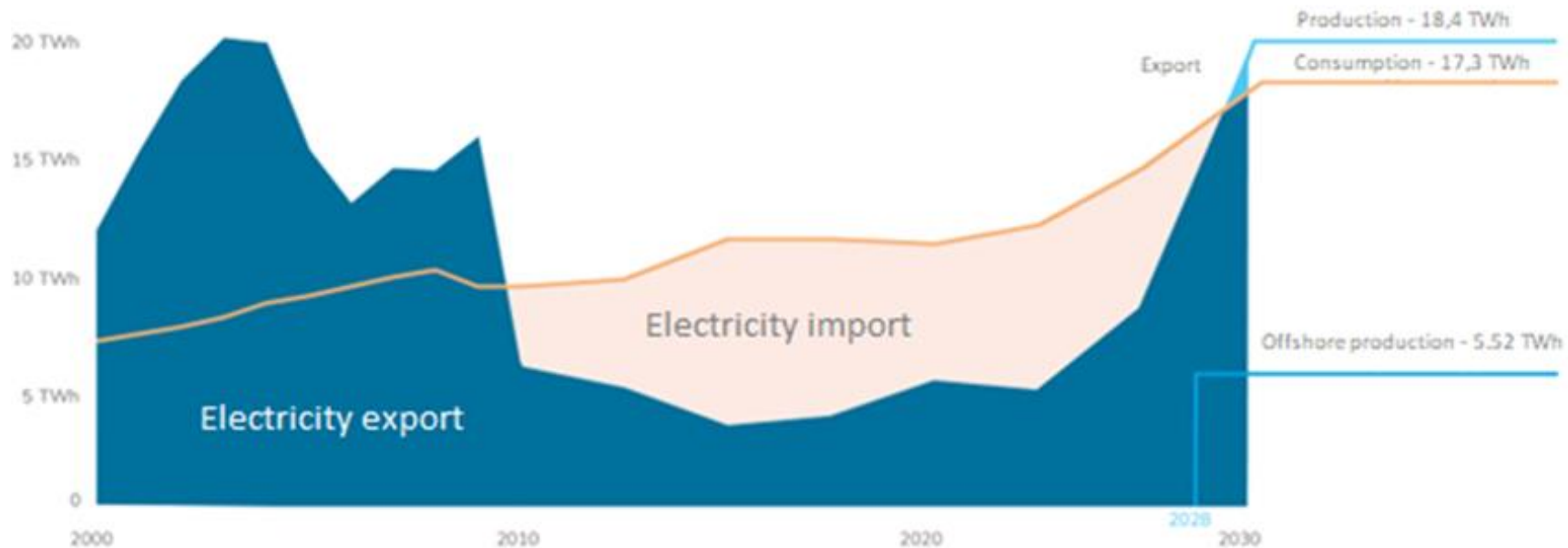
Ministry of Energy of the Republic of Lithuania
18.09.2024



Four most important success stories in energy. What's next?



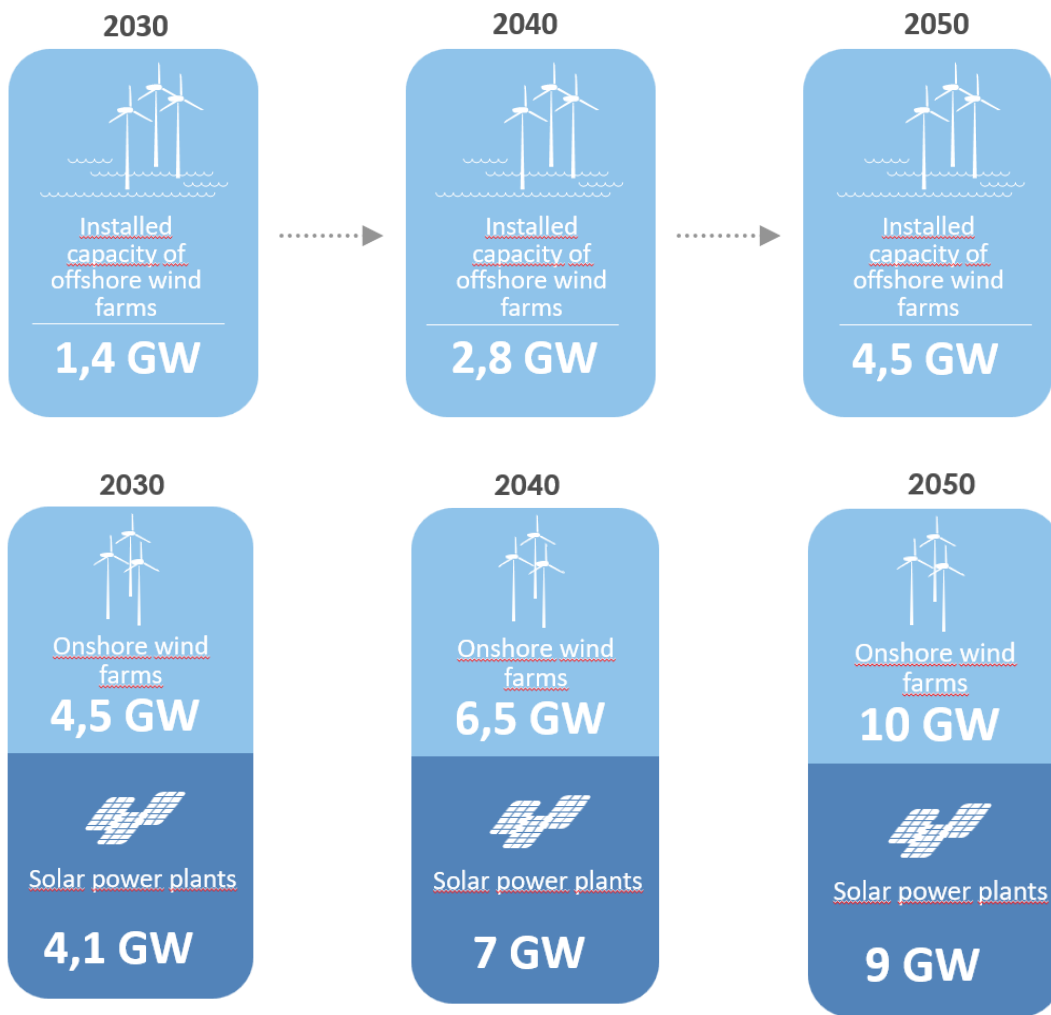
Electricity gap due to closure of Ignalina NPP



After Ignalina Nuclear Power Plant decommissioning production is compensated by import: produce only 30% of electricity demand

Offshore wind will cover the lack of electricity generation and provide huge local green energy increase

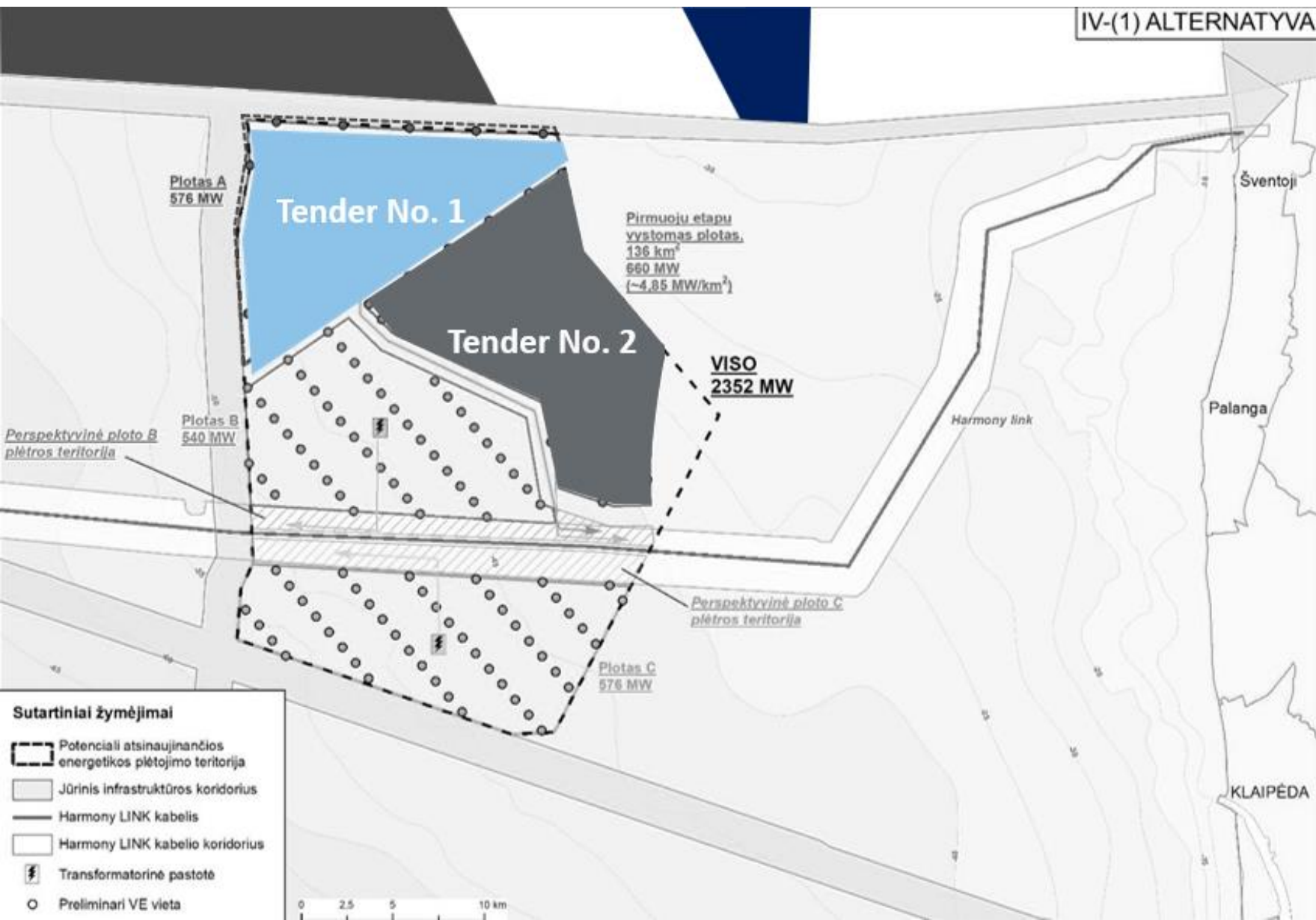
RES deployment up to 2050



Offshore wind

Onshore Wind
& Solar PV

Offshore wind – an opportunity for Lithuania



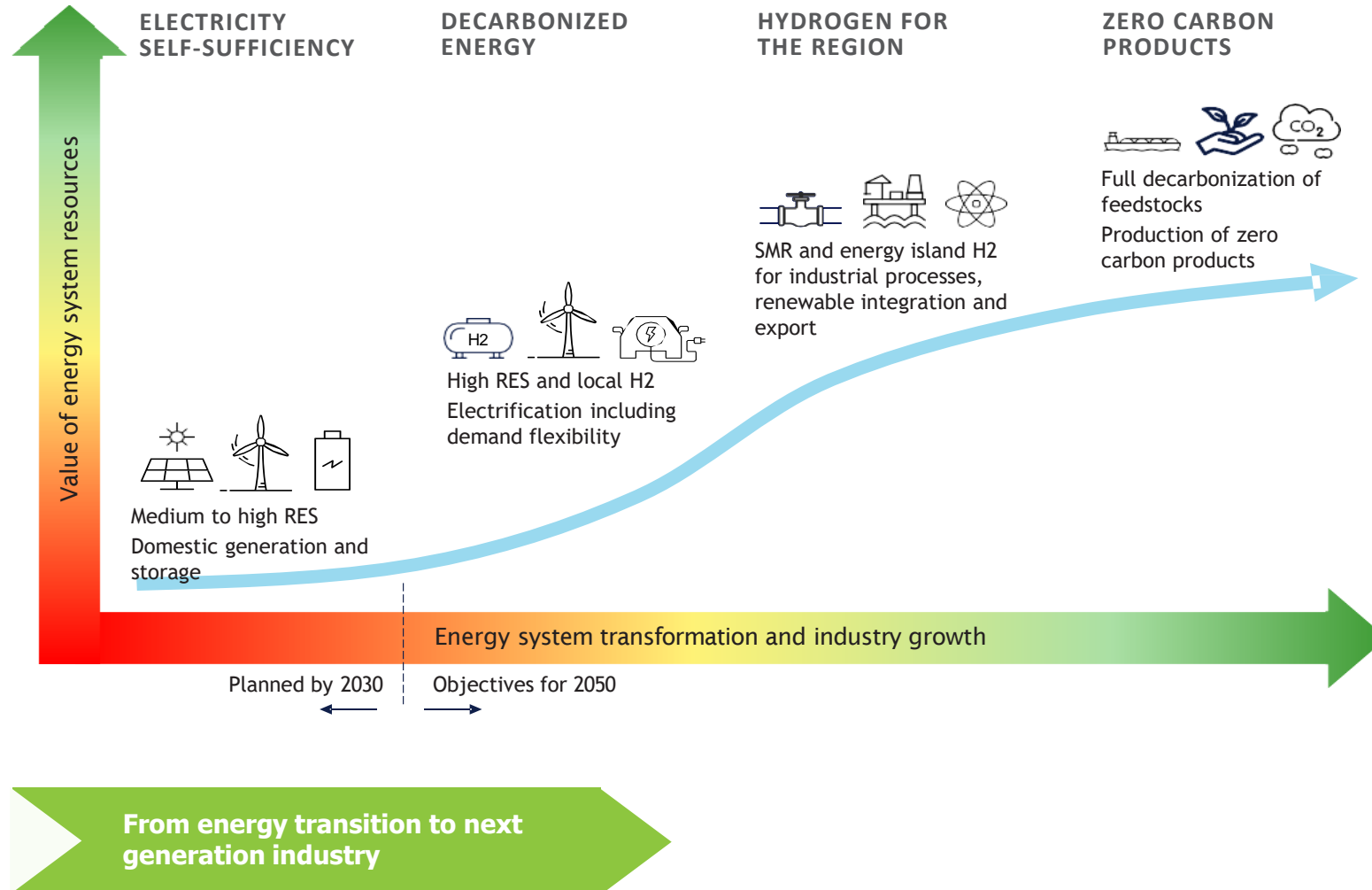
**The potential
of the Baltic
Sea – 4,5 GW**

I tender (700 MW) is already ended – Ignitis Renewables together with its strategic partner Ocean Winds as the winner was announced on 12 October 2023.

II tender (700 MW) will be announced on 18 November 2024.






Transformational changes for Lithuania

From domestic decarbonisation to a regional energy player

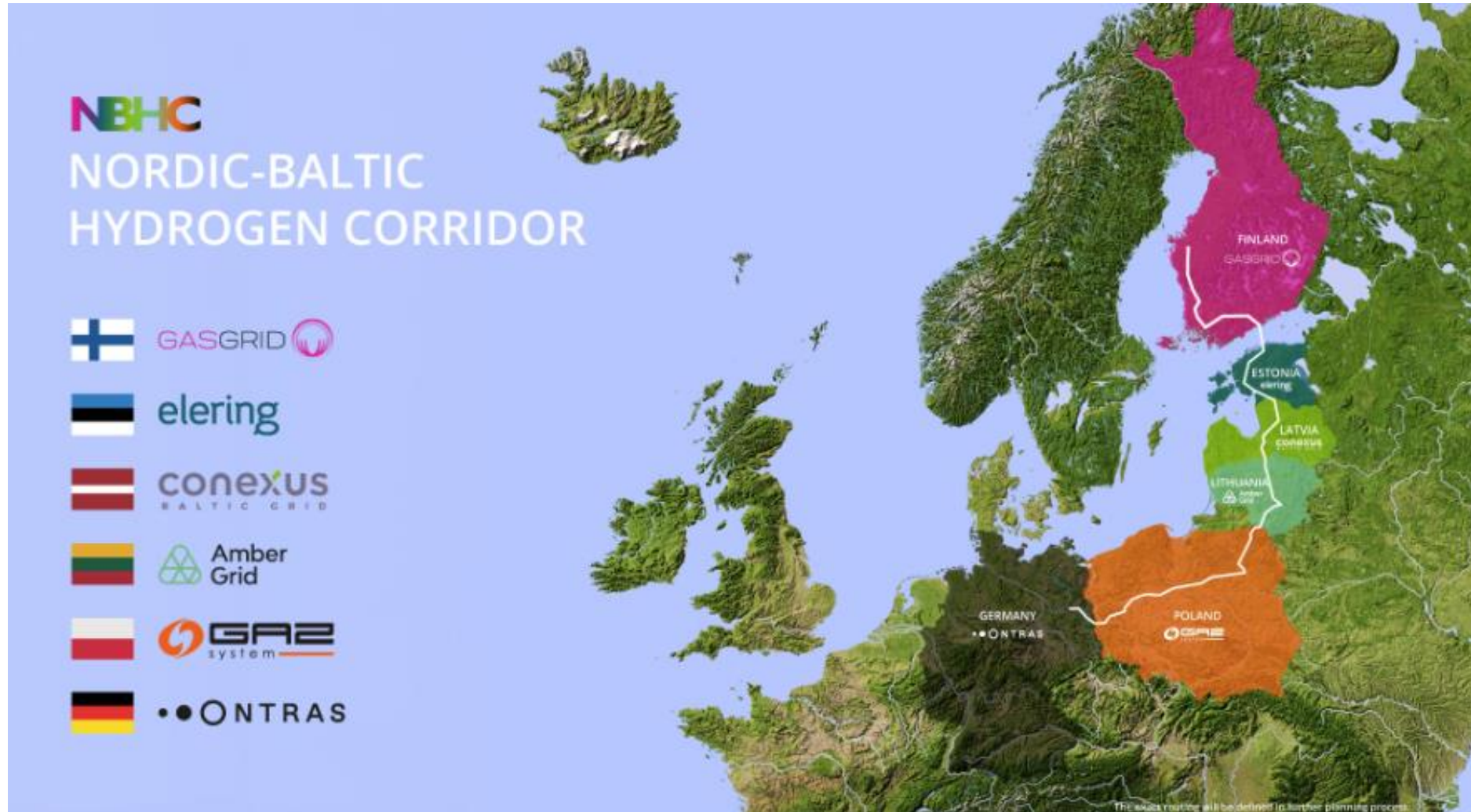


Lithuania Strategic Energy Objectives

Combining security, environmental, economic and social ambitions

ENERGY INDEPENDENCE 	Lithuania aims to be energy independent and self-sufficient by 2050
100% DECARBONISATION 	Acceleration towards 100% renewable energy in cost effective way
BECOME AN ENERGY EXPORTER 	Energy and higher value products supplier for the region
PURSUE INDUSTRIAL GROWTH 	Energy sector transformation - opportunities for industrial growth
ENERGY COSTS & AFFORDABILITY 	Ensures energy affordability and maximize the export opportunities

Nordic-Baltic Hydrogen backbone



**Thank You for
attention.**

*Photograph:
Barrow offshore wind farm, UK.*



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