

Hybrid offshore wind projects: optimising energy flows across Europe

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Elia Group: One of Europe's top 5 TSOs

Elia Group is active in electricity transmission.

It encompasses two leading TSOs strategically located in two European regions:

- Elia in Belgium
- 50Hertz in Germany

Via our subsidiary, Elia grid international (EGI), we equally provide various consulting services to international customers



EU climate targets



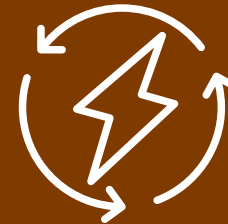
Decarbonisation



-55%

GHG emissions
by 2030

Renewable electricity



65%

of total electricity
production by 2030

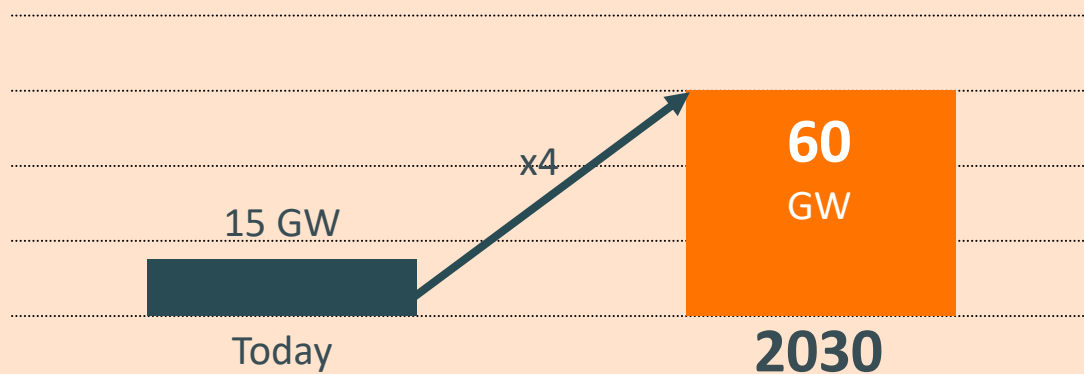
Offshore wind



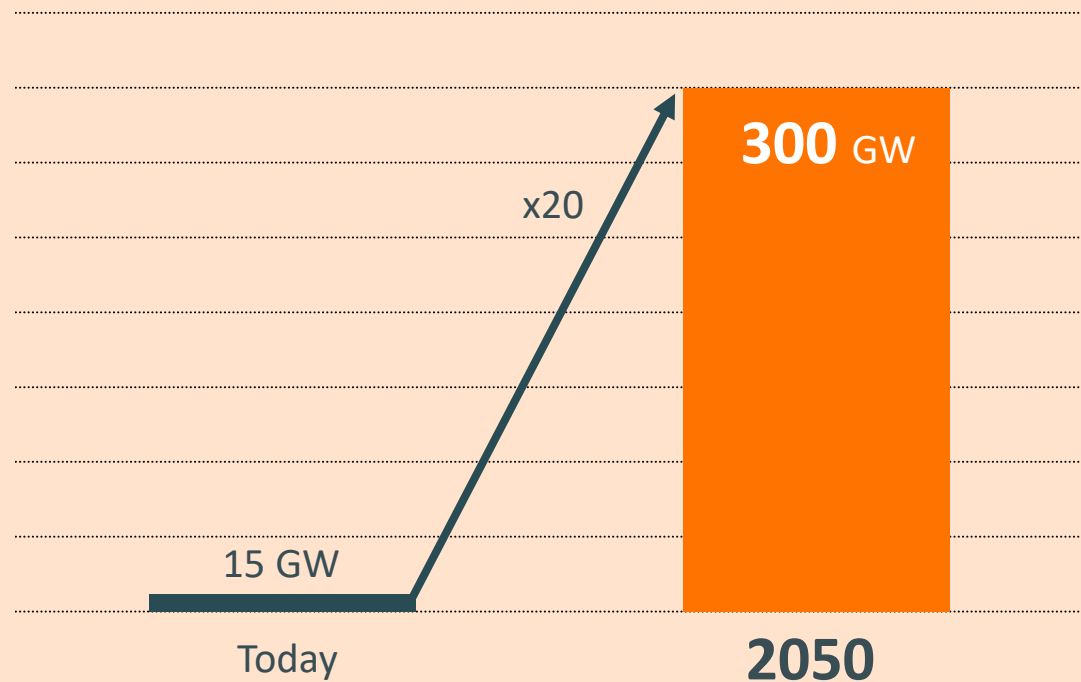
60GW

by 2030

by 2030

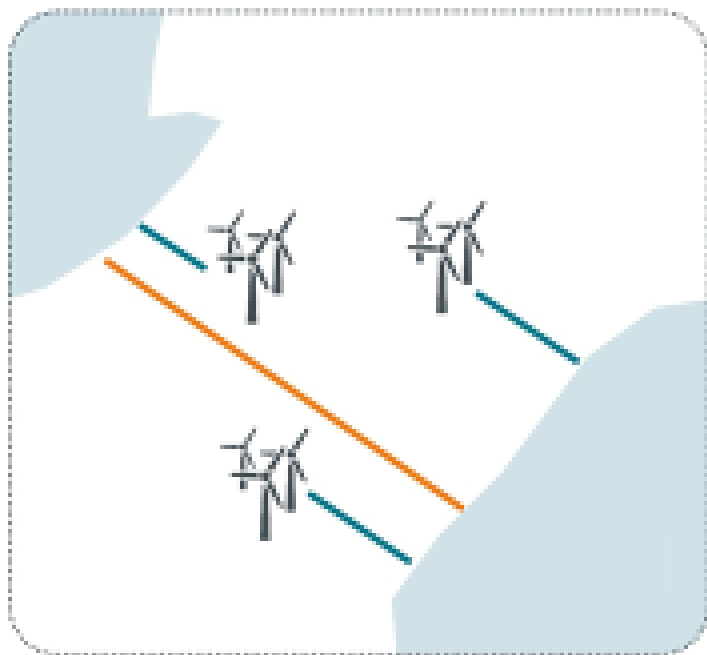


by 2050

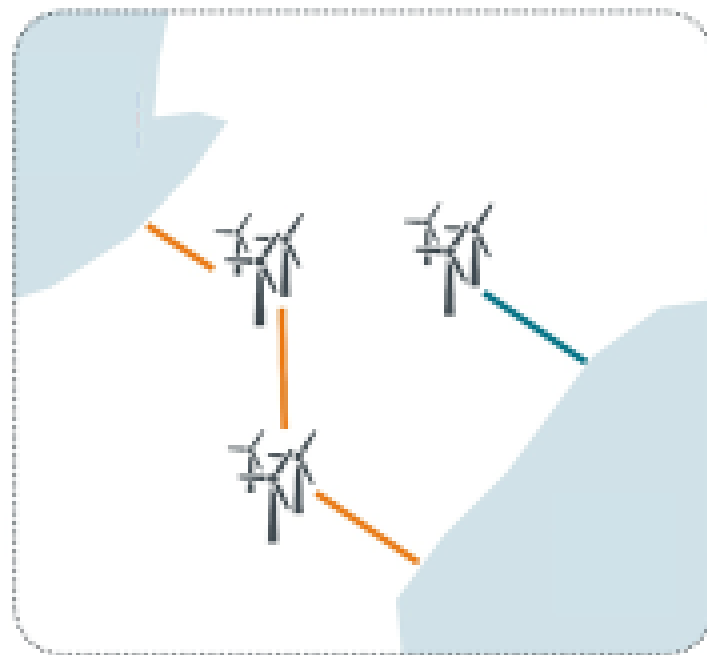


Different solutions and technologies

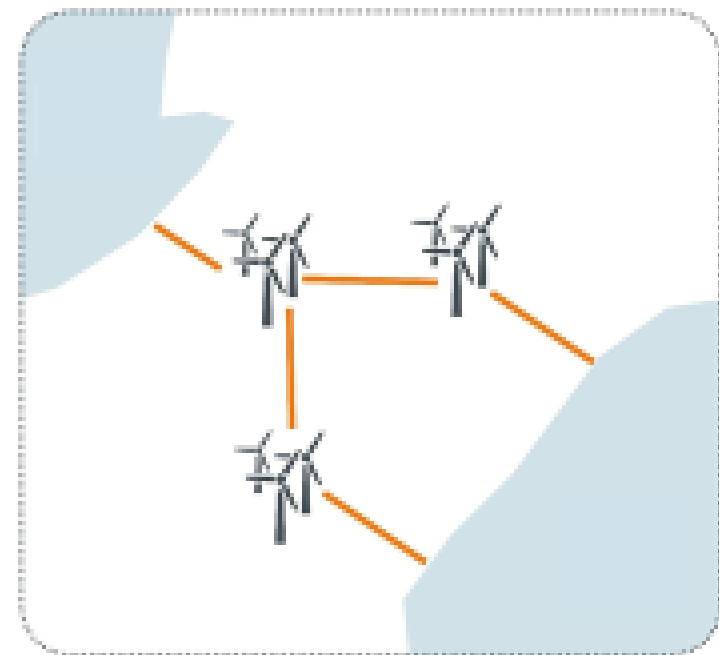
Radial solutions



Hybrid interconnectors



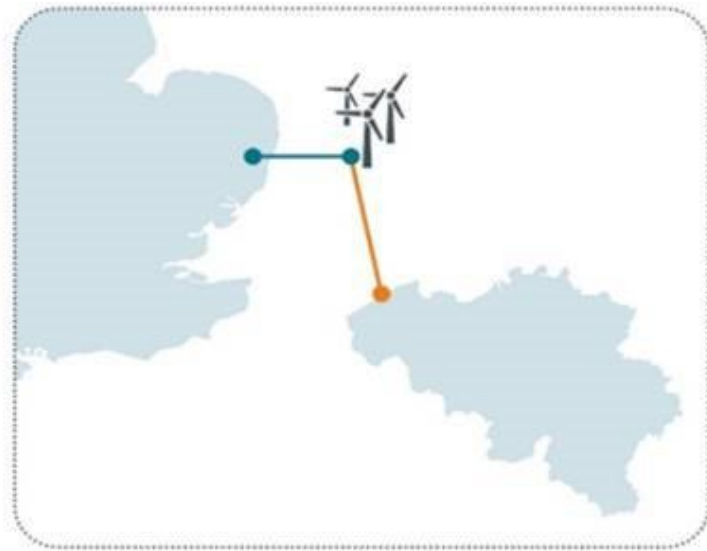
Meshed grid



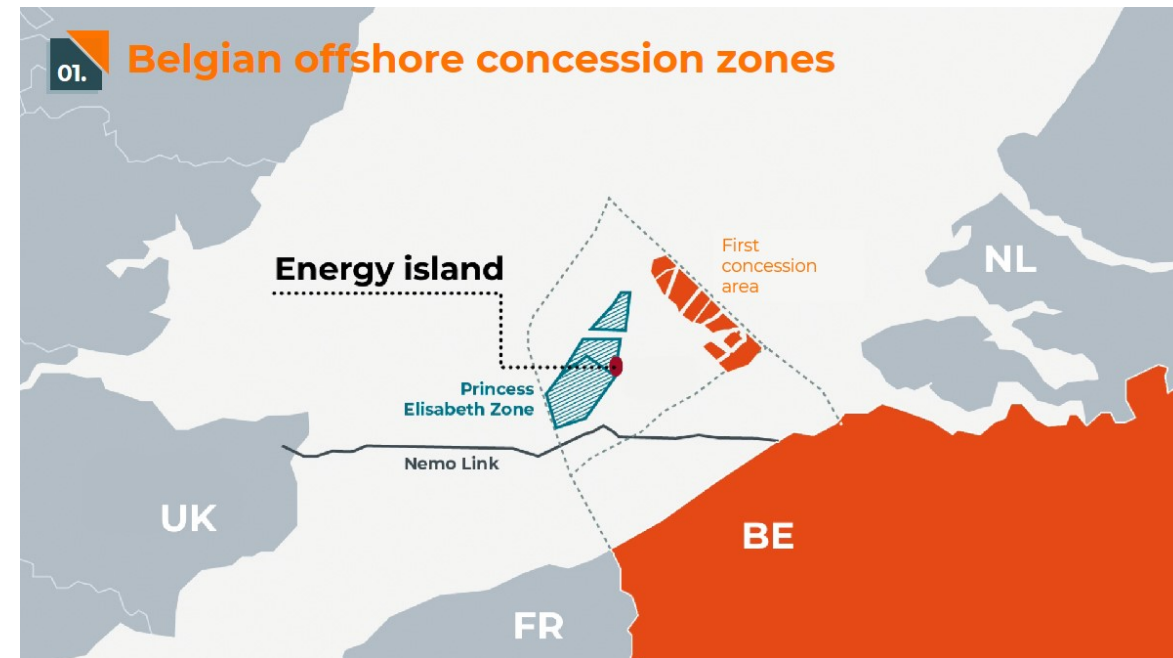
Hybrid interconnector Belgium - Denmark



Nautilus hybrid interconnector Belgium - UK

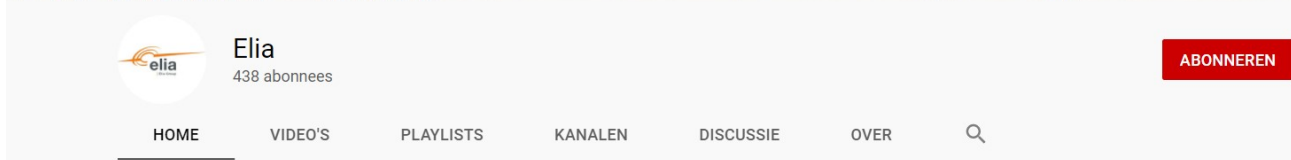
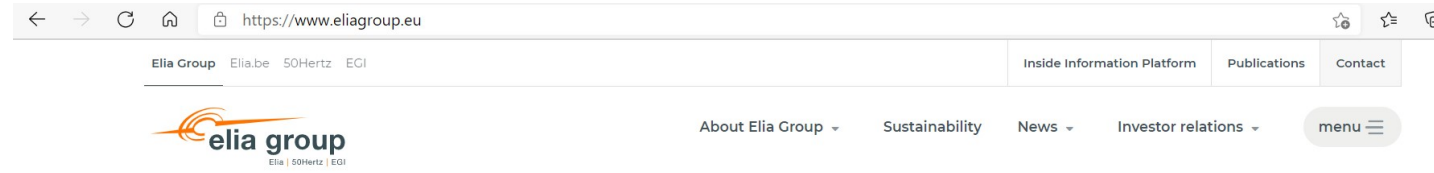


Belgian energy island



Where to find more information about Elia Group

- www.eliagroup.eu
- Twitter: @eliacorporate and @50hertzcom
- [Elia - YouTube](https://www.youtube.com/Elia)



In the interest of society
With a reliability level of 99.999 percent, we

Thank you!

