

Who visited the 3D model of the energy island?

As part of the North Sea Summit, the European leaders visited the 3D model of the energy island, accompanied by Chris Peeters (CEO Elia), Luc Vandenbulte (CEO Deme Group) and Julie De Nul (CEO Jan De Nul Group).

Where will the energy island be located?

The energy island will be located about 45 kilometres off the coast. The area set aside for the installation of the electrical infrastructure will be approximately 6 hectares in size, which is equivalent to about 12 football pitches.

How much money does the energy island receive?

and. The energy island has received funding from the European Covid Recovery Fund. The Belgian government decided to award the island with a grant of approximately EUR100 million. Timing Now that the construction contract has been awarded, the design of the island can be finalised. The construction of the island will start in early 2024 and will continue

How are energy island caissons made?

The 23 caissons for the construction of the energy island are produced at our fabrication yard at North Sea Port. After passing through five workstations, the finished caissons are transported to a load-out area by a submersible barge, floated and stored along a quay wall awaiting towage to the offshore location.

Is Belgium a climate energy island?

climate objectives. Belgium is a frontrunner in the field of offshore wind energy. We are making this clear once again by constructing this energy island. The combined experience of Jan De Nul and DEME as offshore specialist energy is an absolute added value." - Julie De Nul, director Jan De Nul Group "It is the world's first artificial energy island."

Will Princess Elisabeth Island be the powerhouse of Energy Independence?

"The North Sea is set to become the powerhouse of our energy independence, and Princess Elisabeth Island will be a crucial part of this process," said Prime Minister De Croo. "Belgium has long been a pioneer in offshore wind, and by continuing to innovate, we are further consolidating our position for the future."

The Belgian consortium TM EDISON, including DEME and Jan De Nul, has won the tender for the construction of the world's first artificial energy island. The construction of ...

TM EDISON, a joint venture between DEME and Jan De Nul, has secured the tender to build the world's first artificial energy island offshore from Belgium. The venture has been awarded an engineering, procurement, construction and installation contract by Belgian transmission system operator Elia.

The artificial island (45 km from the coast) will form a crucial link in our energy supply. It will open up the future Princess Elisabeth wind zone (3.5 GW) and connect our country to Great Britain and Denmark via additional ...

The Princess Elisabeth Island will be the world's first artificial energy island that combines both direct current (HVDC) and alternating current (HVAC). The island's high-voltage infrastructure will bundle the wind farm export cables of the Princess Elisabeth zone together, whilst also serving as a hub for future interconnectors with Great ...

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A Belgian consortium comprising DEME and Jan De Nul (TM Edison) is building the foundations of the energy island on behalf of system operator Elia Transmission. Work began in Vlissingen in September 2023, with around 300 staff employed on site each day.

The world's first artificial energy island has been given a place in the Princess Elisabeth Zone, Belgium's second wind zone in the North Sea. This wind zone, once all wind farms are in service, will have a capacity of 3.5 GW.

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The Princess Elisabeth Island will be a key factor in both Belgium's and Europe's energy transition, as it will give access to massive amounts of renewable energy, making millions of people less dependent on fossil fuels.

As part of the joint ...

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