

Project of common interest:

1.18

COUNTRIES INVOLVED

Belgium (BE)

PROJECT PROMOTERS

THV iLand (BE)

BASIC TECHNICAL DATA

Capacity: iLand should provide a total hydraulic storage capacity of ca. 2,2 GWh, i.e., a total net storage capacity of 2,0 GWh, assuming a 90% efficiency in turbine-mode, and a net annual electricity generation of approximately 750 GWh.

Length: 5 km

LOCATION

NO DATA

COMMISSIONING DATE

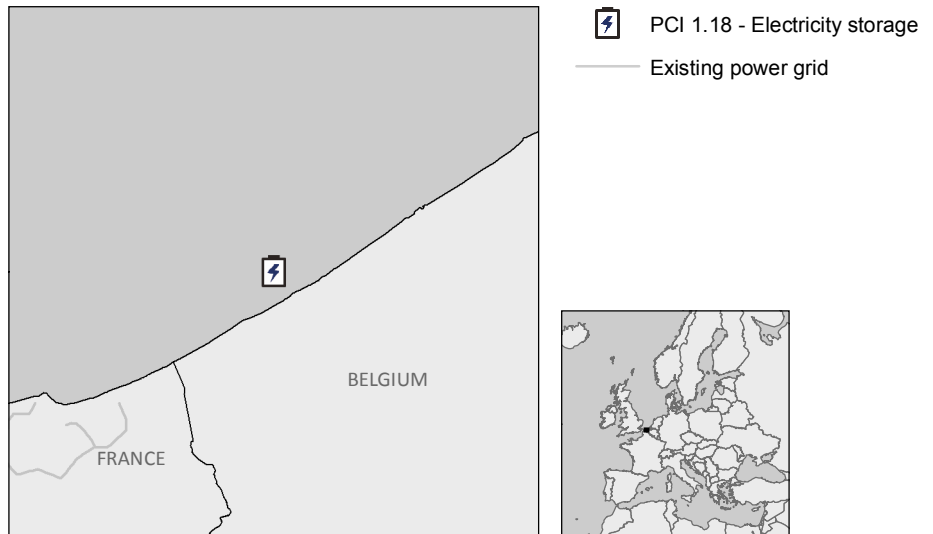
2021

LAST UPDATE

March 2018

Electricity interconnection

Northern Seas offshore grid



Source: PLATTS, GISCO, European Commission

Definition

1.18 - Offshore hydro-pumped electricity storage facility in Belgium [currently known as "iLand]

Type of technology employed

iLand consists in building an innovative hydro-pumped storage facility on an artificial island off the coast of Belgium (approximately 5 km offshore with an imprint of 4 x 2,5 km).

Implementation status

Under consideration