

Synergies at sea- integrated offshore electricity infrastructure

Publieke samenvatting / Public summary

The project investigated how integration of the infrastructure of offshore wind farms and offshore interconnectors could lead to efficient energy delivery, better risk / reward balance and cost savings. To investigate the feasibility, a concrete business case has been developed for an international interconnection between wind farms in the North Sea in-between the United Kingdom and the Netherlands. In addition, potential obstacles and solutions in the technology of the electricity network, the legislation and regulations and financial structures were investigated.

Projectinformatie / Project information

Projectnummer / Project number
TKIW01008

Subsidiebedrag / Grant amount
€ 1.790.075,00

Algemene informatie / General information

Contact details

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Publicaties en materialen / Publications and attachments

- 15.03.2018

Integrating Offshore Electricity Infrastructure, Samenvattend overkoepelend eindrapport (Sweco, 2017)

- 15.03.2018

SP 1.1 Feasibility of a combined infrastructure for offshore wind and interconnection - appendix B1: Technology review (ECN, 2015)

- 15.03.2018

SP 1.1 Feasibility of a combined infrastructure for offshore wind and interconnection - appendix C Legal analysis and consequences for investment decisions (Nuon Vattenfall, 2014)

- 15.03.2018

SP 1.1 Feasibility of a combined infrastructure for offshore wind and interconnection (Nuon Vattenfall, 2017)

- 15.03.2018

SP 1.2 Design of a combined infrastructure for offshore wind and interconnection (ECN, 2016)

- 15.03.2018

SP 2.2 New Financial Structures & products (DC Offshore Energy, 2017)

- 15.03.2018

SP 2.3 Financial Structures (Sweco, 2015)

- 15.03.2018

SP 3 Legal analysis (RUG)

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