



SolarDuck was founded on the belief that solar energy will play a crucial role in future energy production. With land availability constraints rising in growing coastal cities, offshore solar deployment opens a new frontier.

Bureau Veritas (BV) has been actively supporting SolarDuck in its pioneering efforts to develop floating solar solutions. The certification of the Merganser prototype follows the approval in principle (AiP) granted for its floating structure.

SolarDuck partnered with RWE and won the Hollandse Kust West offshore wind farm tender in November 2022. In 2022, SolarDuck opened an office in Fornebu, Oslo to coordinate global sales. Recognizing the need for offshore testing, SolarDuck chose the challenging conditions of the North Sea.

SolarDuck's main challenge is to provide a technically and commercially attractive product for generating solar power on the sea. The Marine Energy Alliance (MEA) subsidy supports SolarDuck in achieving this goal by providing support in exactly those areas.

Additionally, larger inland waterbodies can be ideal for SolarDuck's floating solar solution. Experience fast rising energy demand and increasing space constraints. As many megacities are located in coastal areas, energy production can take place close to point of use. Space constrained by nature, often running on diesel powered generators.

Via the subsidy, MARIN will support SolarDuck in the technical evaluation of surviving the harsh environmental conditions on the sea, while DMEC will support the company with investment and funding strategy development. As part of the project, INNSEA will back SolarDuck with levelised cost of electricity (LCoE) analysis.

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## Solarduck b v Norfolk Island

SolarDuck aims to deploy 1GW of renewable energy by 2030 with its offshore solar technology and recently formed a European consortium to facilitate the research and development of offshore solar ...

Why is it important: Optimal power output of available space at sea; Connecting multiple platforms allows for scaling; Less mooring lines per plant reduce installation costs; How did we solve it: Low mooring forces due to floater ...

Bureau Veritas has awarded Dutch-Norwegian renewable energy company SolarDuck the world's first Prototype Certification for its floating offshore solar technology, as applied in SolarDuck's 0.5 MW pilot ...

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