## **Oceans of Energy**

## **Offshore Solar**

Pioneering Unmanned Maintenance in Offshore Solar 21-11-2024 Xander Wiefkers



### Space is a big problem

Renewable energy is growing rapidly but requires a lot of **space** 

Space on land is **scarce**, especially in densely populated coastal regions



Onshore solar and wind farms are met with fierce and growing **opposition** 





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### Solution is at sea



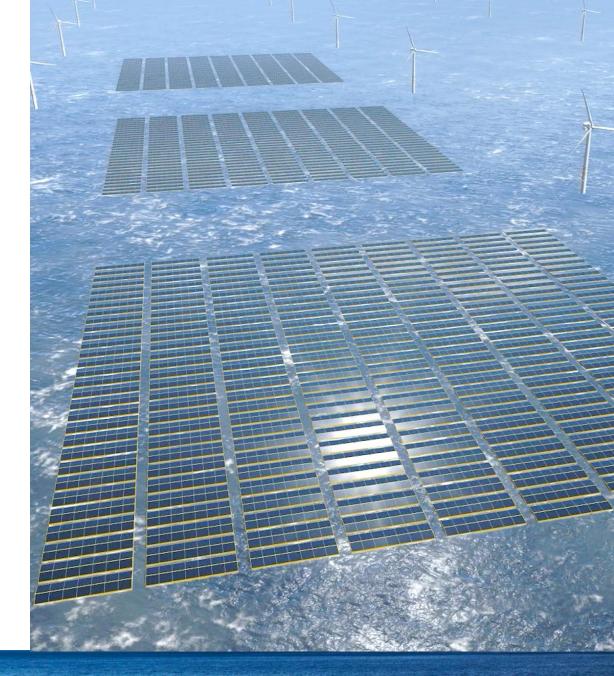
Offshore, the sea offers space for solar at **scale** 



Up to **5x more energy** output than offshore wind alone. And more continuous power to land.

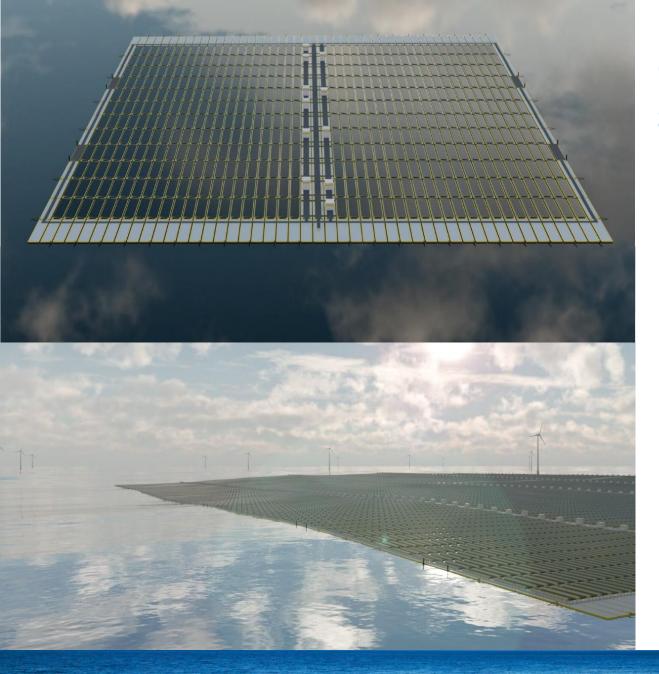


Better use of the offshore grid



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# Oceans of Energy (OOE) farm system: Unique and Proven



Uses sea surface to carry its own weight, like a waterlily



Slim, flat & low hydrodynamic loads



Standardized, modular, easy installation



Monitoring and data management during farm lifetime

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