

Kassø e-methanol facility

EU support for Power- to-X



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ENERGY



HYFLEX – Flexible Hydrogen Storage for Power-to-X and Grid Optimisation

- Start month: January
- Start year: 2025
- End month: December
- End year: 2027
- Total budget: DKK 72,563,146.75
- EU funding: DKK 34,550,862.00

Based on the existing Kassø Power-to-X plant, the HyFlex project will establish a hydrogen storage facility and associated hydrogen compressors. The purpose of the project is to optimise the operation of the Power-to-X plant by demonstrating higher utilisation of the power production from Solar Park Kassø and ensuring optimal balancing of the plant in relation to the public grid. The project also includes competence-oriented activities.



**Co-funded by
the European Union**



Demonstration of scalable reactor concept for scaling up Power-to-X plants

- Start month: April
- Start year: 2022
- End month: December
- End year: 2023
- Total budget: DKK 30,676,004.00
- EU funding: DKK 12,388,401.60

The purpose of the project is to gain experience that can support the upscaling of a future e-methanol demonstration plant (Power-to-X plant) near Kassø in Aabenraa Municipality to commercial scale and thereby reduce the risk associated with the subsequent establishment of larger production facilities.

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