

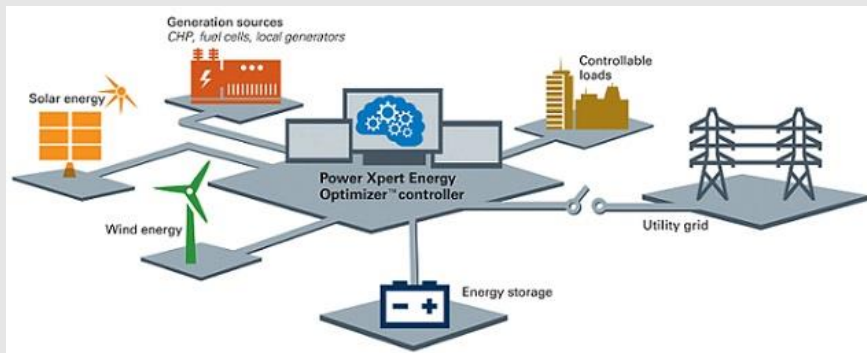
SUSTAINABLE ENERGY

**| N^ORWEGIAN
CATAPULT
CENTRE**



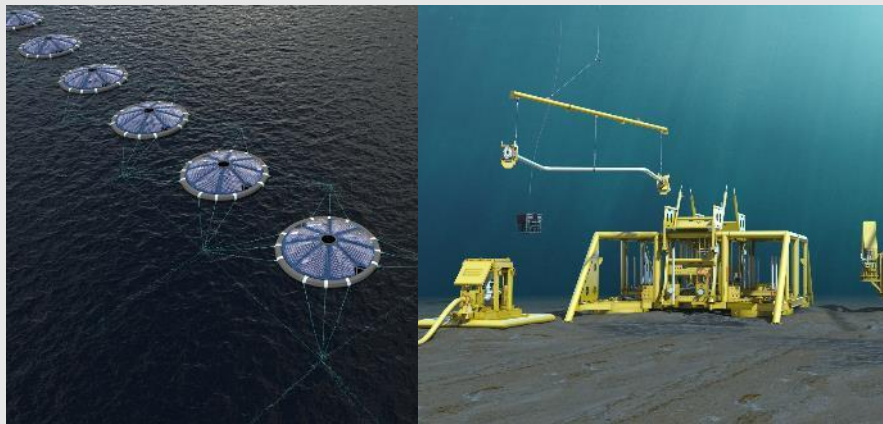
Facilities

- The Switch energy test centre,
 - 1600 m2 available for all sorts of energy testing and training purposes.
- Unitech Prototype centre,
 - prototype factory & testing of new energy systems



Micro Grid

- Haugaland Kraft Utsira Microgrid
 - Site for testing of new energy sources and control system for weak networks in a real environment



OCEAN

- MET Centre,
 - Testing site for offshore wind and other ocean based installations
 - Unitech Zefyros (Ex Hywind)
 - MET Buy
- Unitech floating Solar & Energy
 - Site for testing of energy system including solar panels, storage, micro wind and subsea energy.
- Unitech Subsea test bed
 - Cables / connectors
 - Wireless charging
 - Subsea Communication



SHIPS

- Offshore Vessels
 - Solstad-Farstad fleet of offshore service vessels
- Ferries
 - Norled Commuter ferries and fast ferries
- Tankers
 - LNG and oil tankers
- Passenger Vessels
 - GANN



SAFETY

- Hall of Flames, HVL
 - Full scale testing on fire safety of energy components and emissions
- Tank basin, HVL
 - Simulation and testing of ocean environment



Storage & Fuel cells

- Energy Lab, Photoetch
 - Testing facilities for testing of various small scale Gas Solutions (H_2 , O_2 , CH_4 , N_2 , CO_2)
- Hydrogen and Battery LAB, IFE
 - Hybrid small scale Hydrogen electric test facility
 - Battery cycling and battery performance Lab





Clusters

- NCE Maritime Cleantech
 - NCE Maritime CleanTech (NCE MCT) is a world-leading cluster for clean maritime solutions with more than 90 members companies
- NMEC
 - Technology cluster within the areas of maritime, oil and gas, fishery and aquaculture, defence and renewable energy.
- Arena Offshore Wind
 - Building world leading supply chain for offshore wind



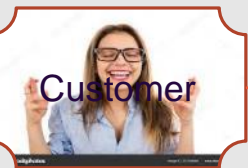
Tier 3

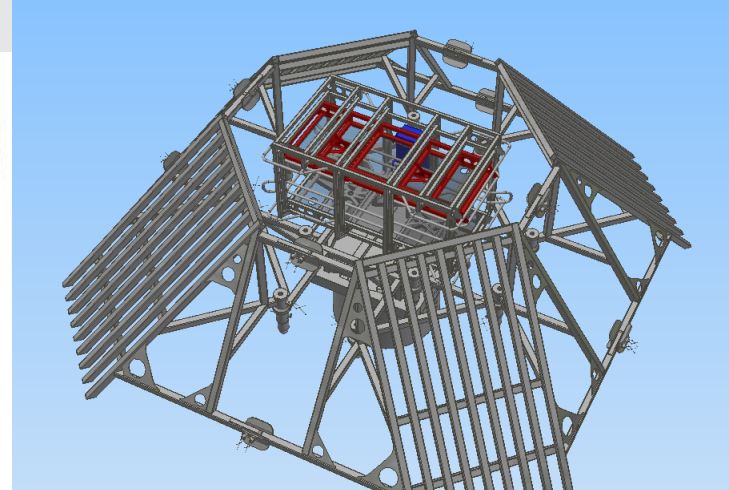
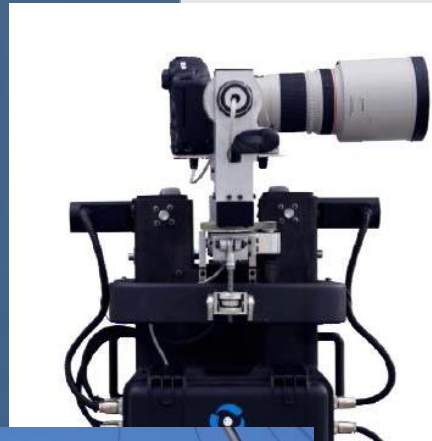


Tier 2



Tier 1







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willie@sustainableenergy.no

tel +47 95 75 39 42



Ø NORSK KATAPULT
