

Corvus Energy

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Corvus  Energy



Supplier of energy storage system

- Founded in 2009
- HQ in Norway
- 170+ employees
- Privately held ownership



Key drivers to success

- High focus on R&D
- System safety
- Installed base and experience
- Maritime DNA



Corvus Energy track record

- 200+ projects
- 200+ MWh
- 2+ million operating hours
- 50% marketshare



A major shift in shipping

- **A major shift in technology** has started towards electrification and green solutions to reduce emissions from shipping
- Drivers are **technical, operational, economic , regulatory** and **societal**
- **Norway has taken the lead** in developing new technology for the the maritime industry through regulations, government projects and funding.



Car and
passenger
ferries

50



Cruise and
Yachts

13



Offshore
and
subsea

40



Tugs/
Workboat/
Fishing

29



Merchant
vessels

5



Port
Equipment
and shore
stations

77

Largest installed base of hybrid and all electric vessels
200 MWh / 204 projects / operating hours >2 000 000

Road to success

- High focus on safety and R&D
- Maritime DNA
- Strong industrial owners
- Norwegian government led programs for electrification of shipping
- Requirements in government contracts
- Rules and restrictions for a greener environment

Building local competitiveness

- Main office moved to Norway
- Investing for future growth (manufacturing, organisation and digitalization)
- Building local competence and strengthening the maritime cluster
- Supporting the local supplier industry
- Be closer to shipowners and customers – building strong relationships

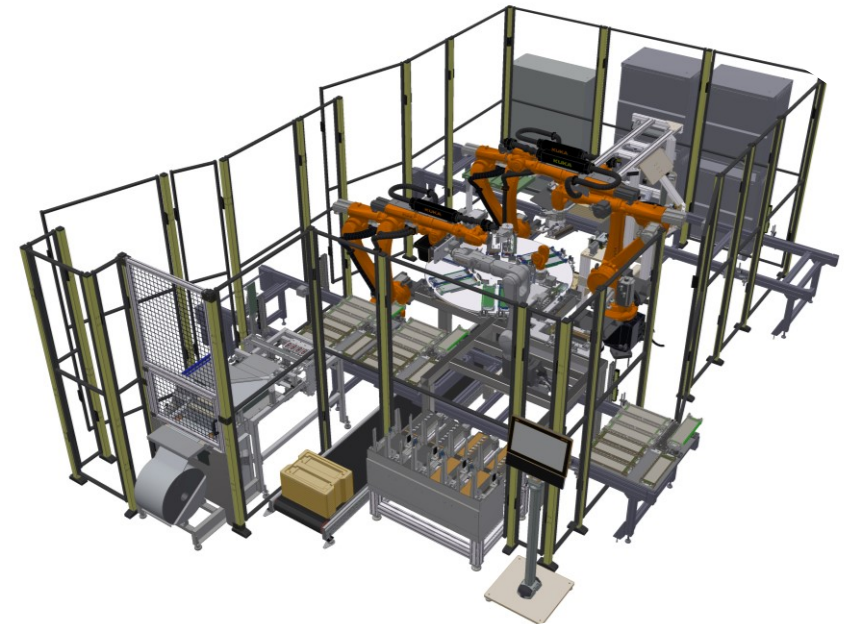
A milestone....

- New factory located at Midtun, Bergen
- Fully automated production
- Corvus Energy main office will be located in the same building
- Total investment 80 million NOK
- Capacity 400MWh annually
- In operation Q3 2019



Local manufacturing - globally competitive

- Robots delivered by Intek, Raufoss
- State-of-the-art modular solution
- Prepared for future atomation and digitalization (Industry 4.0)
- Designed for flexible production and scalability



Thank You!