Scana

# Renewables & Clean-Tech Conference 2023

Fearnley Securities

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Positioned for the low-emission society

Long industrial history and competence

Strong profitable growth



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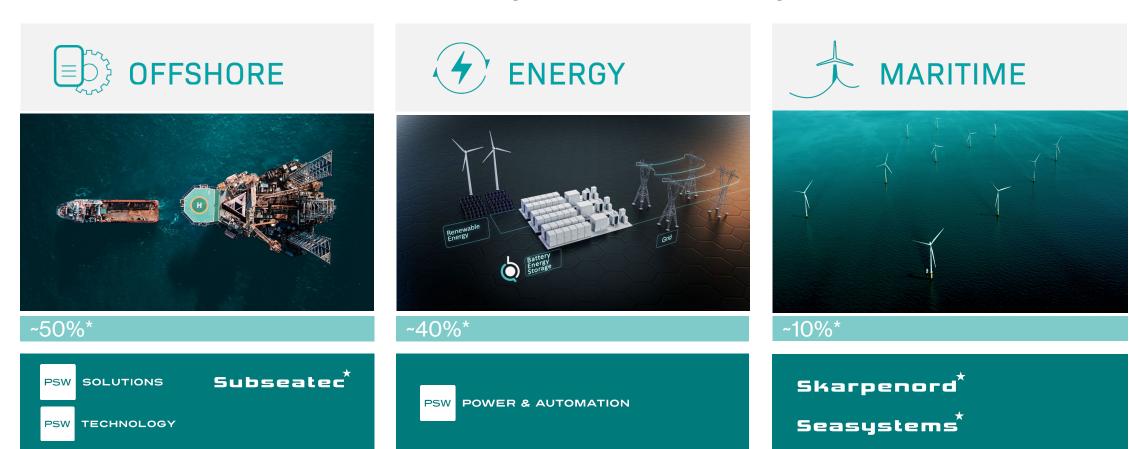
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# Our business areas and portfolio companies



<sup>\*</sup> Based on Q3 23. Full year 22, Offshore ~40%, Energy ~40% and Maritime ~20%



# Segments

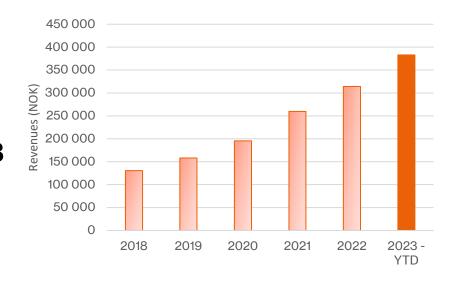


**ENERGY INFRASTUCTURE**  **ENERGY MODULES** 

**SHORE POWER** 

### Increasing revenue with BESS as main driver

- 140 % growth in revenue from **2018** to **2022**
- 40 % growth in revenue from **Q3 2022** to **Q3 2023**



Q3 23 vs Q3 22 **Revenue**+40% to
NOK 154 mill.

+111% to
NOK 19 mill.

Order backlog +85% to NOK 301 mill.



- Battery energy storage solutions for multiple segments and area of use
- Stationary and mobile batteries with integration layer of control software
- Applicable for all battery use cases including energy trading, capacity markets, frequency control and peak shaving

#### **Mobile energy**

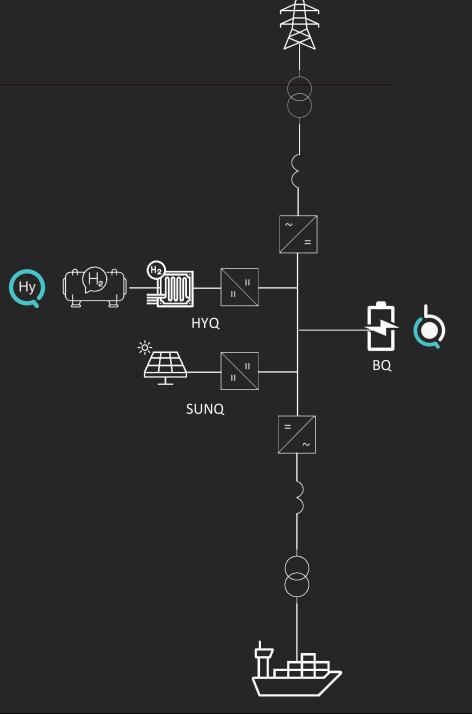


Datacenter Emergency Power

## Port electrification

- Ports adapting hybrid technologies
- Combined shore power and fast charging
- Energy storage with common DC link
- Alternative energy sources





# Deployment and presence



### **Facilities**

10.000 m<sup>2</sup> state-of-the-art production and test facilities.





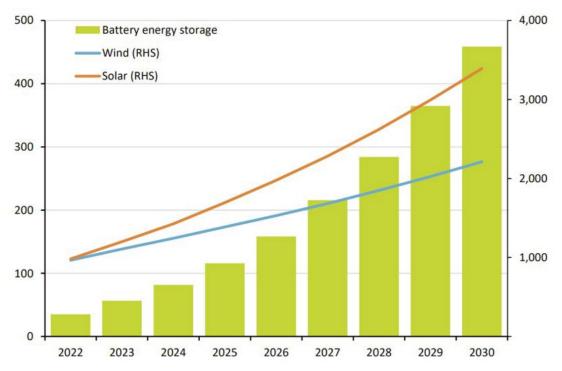
#### Market outlook

Battery energy storage systems (BESS) are the crucial and most transformative solution for the challenges posed by the intermittency of renewable energy sources.

Not only can BESS be coupled with renewables it can also be connected to the grid, as a standalone battery for frequency control applications and grid stabilization proposes.

As such, the BESS market is multiplying as the energy transition speeds up.





Source = Rystad Energy publications 2023 «Five key parameters of BESS capex» and «Energy transition Report»

### Market outlook

#### **Current situation BESS:**

- Ongoing 14MWh deployment in Sweden for FFR / Grid stabilisation.
- **15MWh** ongoing and deployed mobile energy in Germany, Netherlands, Saudi, and Norway.
- Tender back-log 2024-2025: 212 MWh

#### Key drivers of growth:

- Megatrend within Battery Energy Storage Solutions.
  - Energy mix, relying on wind and sun, requires grid stabilization solutions.
  - EU Directive for emission free construction sites
- Company established with a leading R&D environment within battery technology, power electronics and software.
- Strong business development team and scalable company setup ready for increased volume and growth.

- PSW already taken a key role in the ongoing energy transition in Scandinavia
- High customer confidence within HV systems in Scandinavia, enabling early market entry.
- Company with long industrial history, ready for scale up.
- Market establishment and ongoing contracts in Europe and Asia
- PSW will explore and develop adjacent markets opportunities within battery solutions and software control

