



Propelling the Green Transition

Ferry Shipping Summit

2023



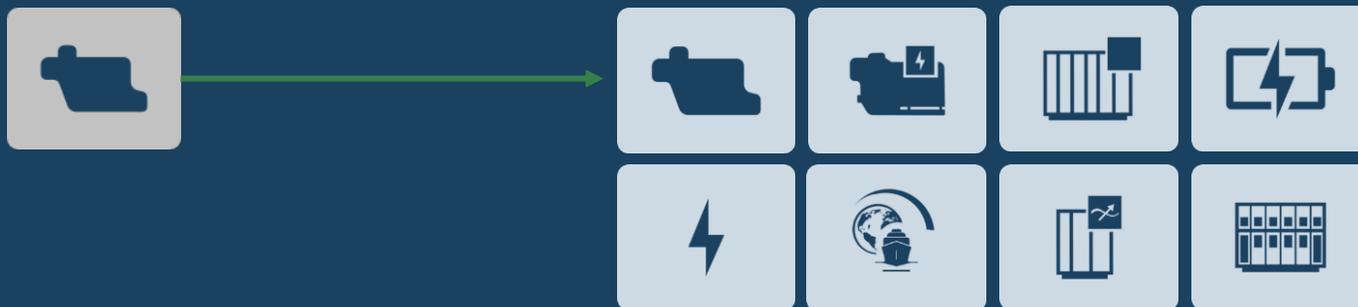
Emil Cerdier
Product Director



System Complexity

Power Source Transformation in Maritime Industry

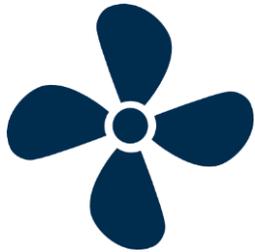
Power is more expensive to produce and changes traditional design criteria.



CapEx and OpEx Saving



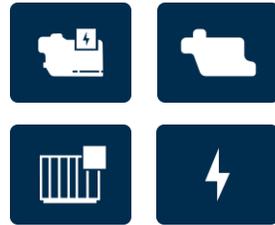
Propeller



Propulsion efficiency

Optimal blade design and propeller diameter

Energy Flow



Needed power

Optimized propulsion system result in lower rated power electronics and gensets, which reduced the total investment costs.

Renewable Energy



Energy storage

Allows for shore charging, peak shaving, optimized load on power production and potentially less power producers on-board.

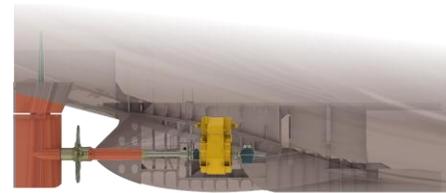
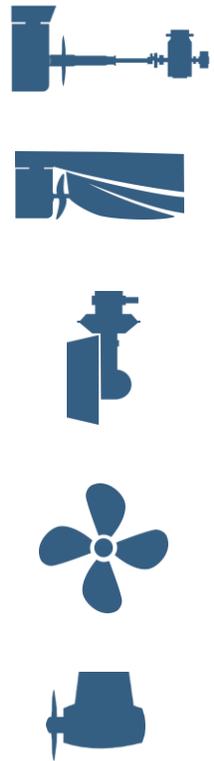
Energy Efficiency



Energy Saving

Optimized propulsion solution leads to lower rated power and energy saving trough out vessels life cycle, which positively impact the total cost of ownership and fuel savings.

BergCalc



Existing Vessels

- Changing Prerequisites





Thank You



Emil Cerdier
Product Director