

Elektrifisering av offshore og marine

Arendalsuka 13.08.2019 - Torstein Sole-Gärtner

Evolution in Power Systems for Offshore and Marine

Conventional Propulsion

~15 - 30% fuel savings

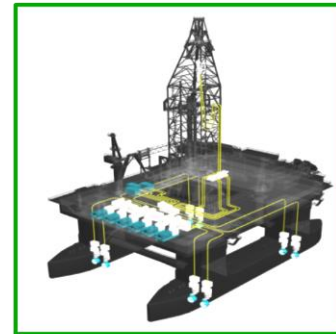
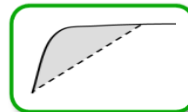
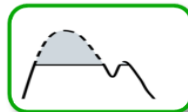
BlueDrive - Diesel Electric Propulsion

~15 - 30% fuel savings & significant maintenance savings

BlueDrive PlusC – DC Distribution

Scandlines hybrid example; 15% fuel savings & 40% maintenance savings

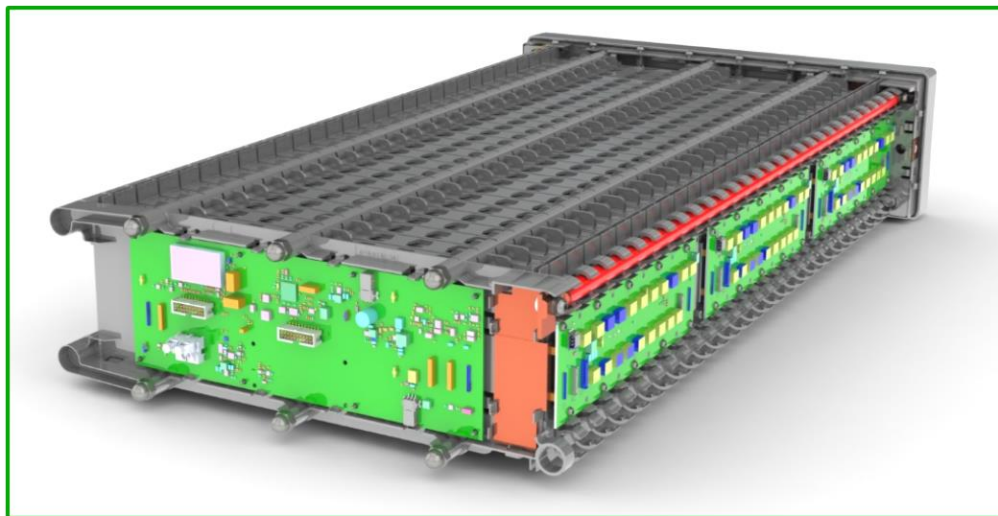
BlueDrive PlusC & ESS





The Siemens Energy Storage

SIEMENS
Ingenuity for life



Pioneer in green solutions for shipbuilding

SIEMENS
Ingenuity for life



"Elfrida" for fish farming

**Zero emission ferry
"MF Ampere"**



**Fishing boat
"Karoline"**



25 Ferries
with Siemens solution in Norwegian coastal network

**Plugin Hybrid
„Color Line Hybrid“**



Ferry „Elektra“





The future offshore rigs run on batteries



Siemens integrates the future efficient energy mix in Offshore Power Solutions



Thank You!

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Magazine Forbes and research firm Corporate Knights