

# FUTURE FUNNEL

The Pathways to Decarbonization



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## **Environmental Benefits**

Using scrubbers while burning residual fuel helps to reduce the SOx, global Greenhouse Gas and Particulate Emissions.

This is confirmed by the SINTEF Ocean, Japanese Government Ministry of Land Infrastructure, CE Delft, Carnival Corporation study reports among others.

«Studies indicate that two-stroke engines with Exhaust Gas Recirculation (EGR) and scrubbers represent the most cost- and GHG-effective way of meeting both IMO Tier3 NOx rules and the 2020 sulphur cap»

- SINTEF Ocean Chief Scientist Dr. Elizabeth Lindstad.

Even under current plans,

**50%** 

of all vessels will be powered by fossil fuel engines in

2050





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## WHY TECO 2030 FUTURE FUNNEL?



**Complies** with both 0.1% and 0.5% Sulphur emission regulations.

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**High SOx removal** efficiency up to 99.9%.

**TECO** 

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**High quality**, simple design and produced to the highest standards.



Full turnkey solution; 3D scanning, engineering and prefabrication, installation and commissioning.



Adaptable for future emission legislations.

Able to run dry.



Low maintenance and easy operation.



**Optimized** design through advanced simulation.



**Possible** to install during voyages, only quick dock is needed for underwater work.



Open loop, hybrid or hybrid ready.



**Customizable** design to all ships and all engine types.



**Low** CAPEX and OPEX.



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