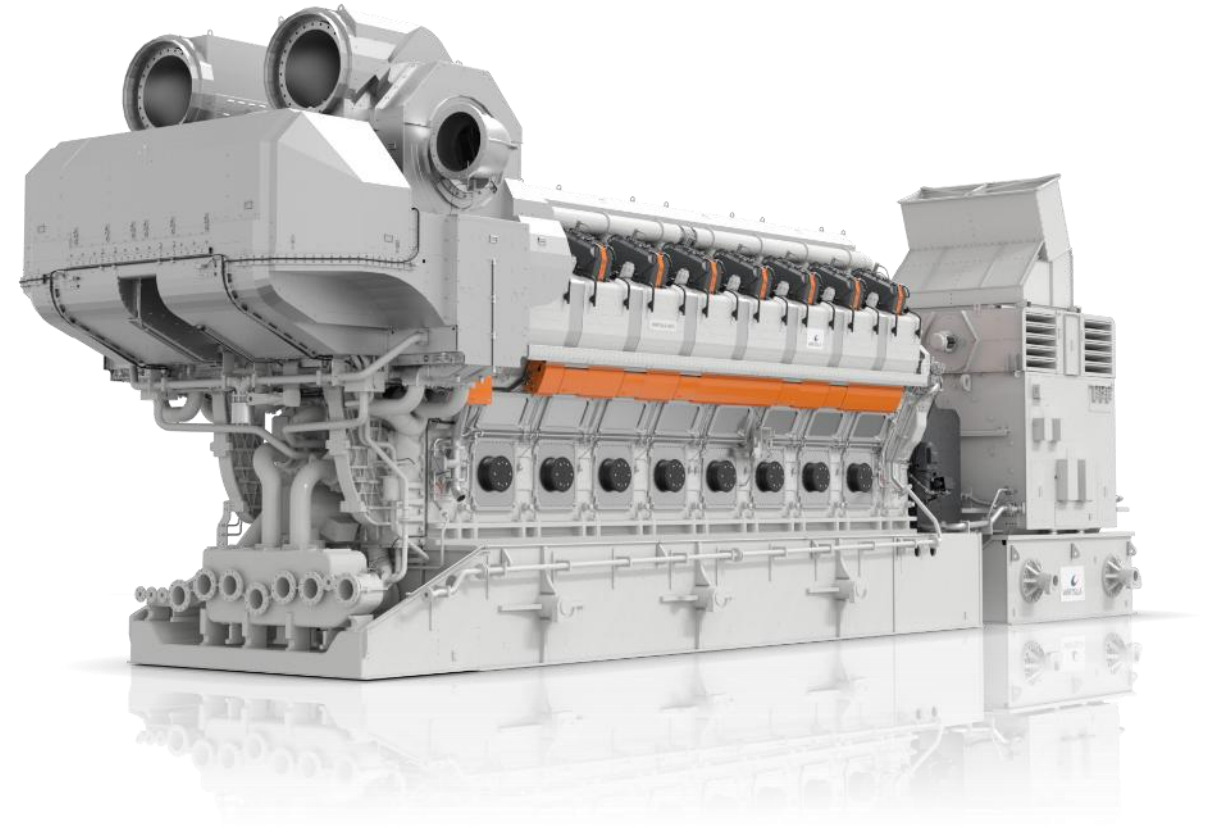




## Wärtsilä valujen käyttäjänä: Odotukset valimoille

Valun käytön seminaari 2025  
Juha Manninen  
Kari-Pekka Voutilainen



# Two centuries of innovation

1834

A sawmill is established in a Finnish village, Wärtsilä.

1995

Our dual-fuel engine can switch fuel during operation.

2015

Our engine in Guinness World Records.

First methanol conversion for customer's engines.

2023

As one of the 100 most influential companies\*, we continue our story of world firsts with a 4-stroke engine-based ammonia solution for marine.

1950s

Our first marine engines.

1970s

We enter the energy sector.

2001

Remote monitoring enriches our service offering.

2012

World's first hybrid system on a vessel.

2022

Our first newbuild methanol engines.

2024

As one the world's most sustainable companies\* we launch the world's first 100% hydrogen-ready engine power plant concept.

\*recognition by TIME magazine



## Innovation and R&D investments as change drivers

296 MEUR R&D investment  
representing 4.6% of our net sales.

2,500 patents and applications  
of which 45% are classified as technologies that reduce or  
eliminate GHG emissions (since 2013).

Over 500 ideas and inventions in 2024  
from our colleagues through the internal innovation programmes.

Figures from 2024



# Dedicated to shaping the decarbonisation of marine and energy

We help our customers to be successful by reducing emissions while securing financial viability.

Our purpose  
Enabling sustainable societies through innovation in technology and services



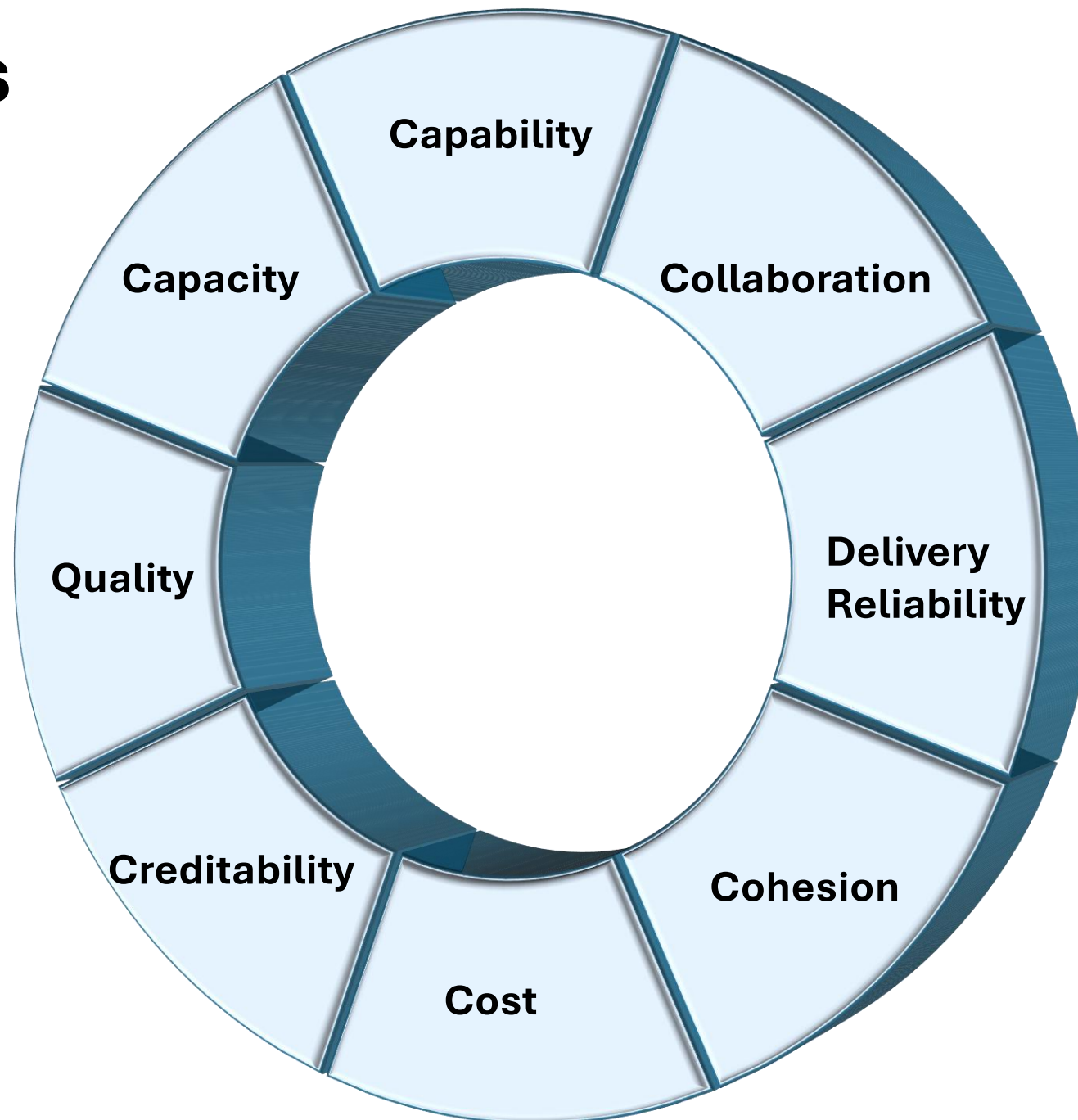
**One in three vessels** carries our marine solutions.



**In over 180 countries**, our energy solutions help power the local communities.



# Expectations





**WÄRTSILÄ**