This is Wärtsilä

Shaping the decarbonisation of marine and energy

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Our everyday lives rely on electricity and goods shipped worldwide

1/3 of global greenhouse gases come from the marine and energy sectors

Nearly 90% of trade travels by sea

Electricity demand is expected to double – or more – by 2050

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We are dedicated to shaping the decarbonisation of marine and energy

We help our customers to reduce emissions while securing financial viability.

Our purpose is enabling sustainable societies through innovation in technology and services.

TIME

WORLD'S MOST SUSTAINABLE COMPANIES

IN PARTNERSHIP WITH statista

2025

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Green is not black or white

We will need all the tools in the toolbox to get through the transition

- No single solution will get us through the transition alone
- Most of the needed technologies already exist
- Fossil fuels will play a role for decades

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We are a global leader in technology and services

Serving our customers wherever they are in the world

Of the world's 110,000+ large vessels,

one in three carry Wärtsilä solutions on board

180 countries

where we have delivered energy installations

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Two centuries of innovation

1834
Sawmill is established in Finnish village, Värtsilä

1950s
Our first marine engines

1970s
Entering the energy sector

1995
Our engine can switch fuel during operation

2001
Remote monitoring launch

2010s
World's first hybrid system on a vessel

Our engine in Guinness World Records

First methanol conversion

2022
First newbuild methanol engines

2023
World's first 4-stroke ammonia engine solution for marine

2024
World's first 100% hydrogen-ready engine power plant concept

2025
Recognised among the world's most sustainable companies, the world's best employers, and for our awarded inventions*

Industry-first carbon capture solution in marine

*TIME, Forbes, and Financial Times

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A global team of experts fuelling change since 1834

52%
service sales
of total

6,914
net sales, MEUR

17,900
people

199
locations

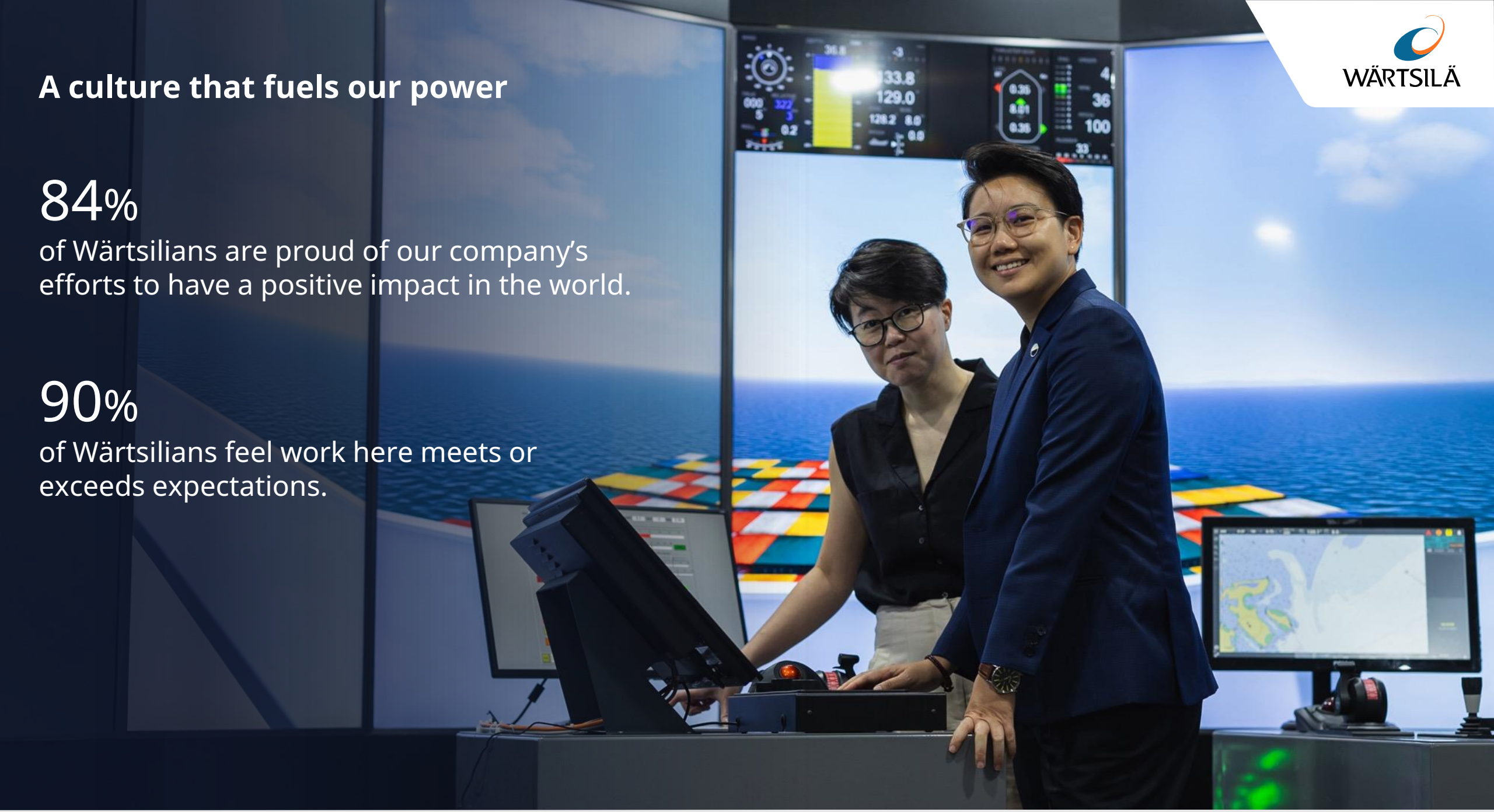
123
nationalities

78
countries

Figures from 2025

© WÄRTSILÄ

A culture that fuels our power



84%

of Wärtsilians are proud of our company's efforts to have a positive impact in the world.

90%

of Wärtsilians feel work here meets or exceeds expectations.

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Living our commitment to diversity and inclusion

We foster a culture where everyone feels safe to be themselves and has equal opportunities to grow.

Through inclusive leadership, we fuel our power, spark innovation and drive business impact.

How we perform

Foster everyday belonging and inclusion

How we grow

Ensure equity & equal opportunity

How we lead

Lead and collaborate through diverse teams

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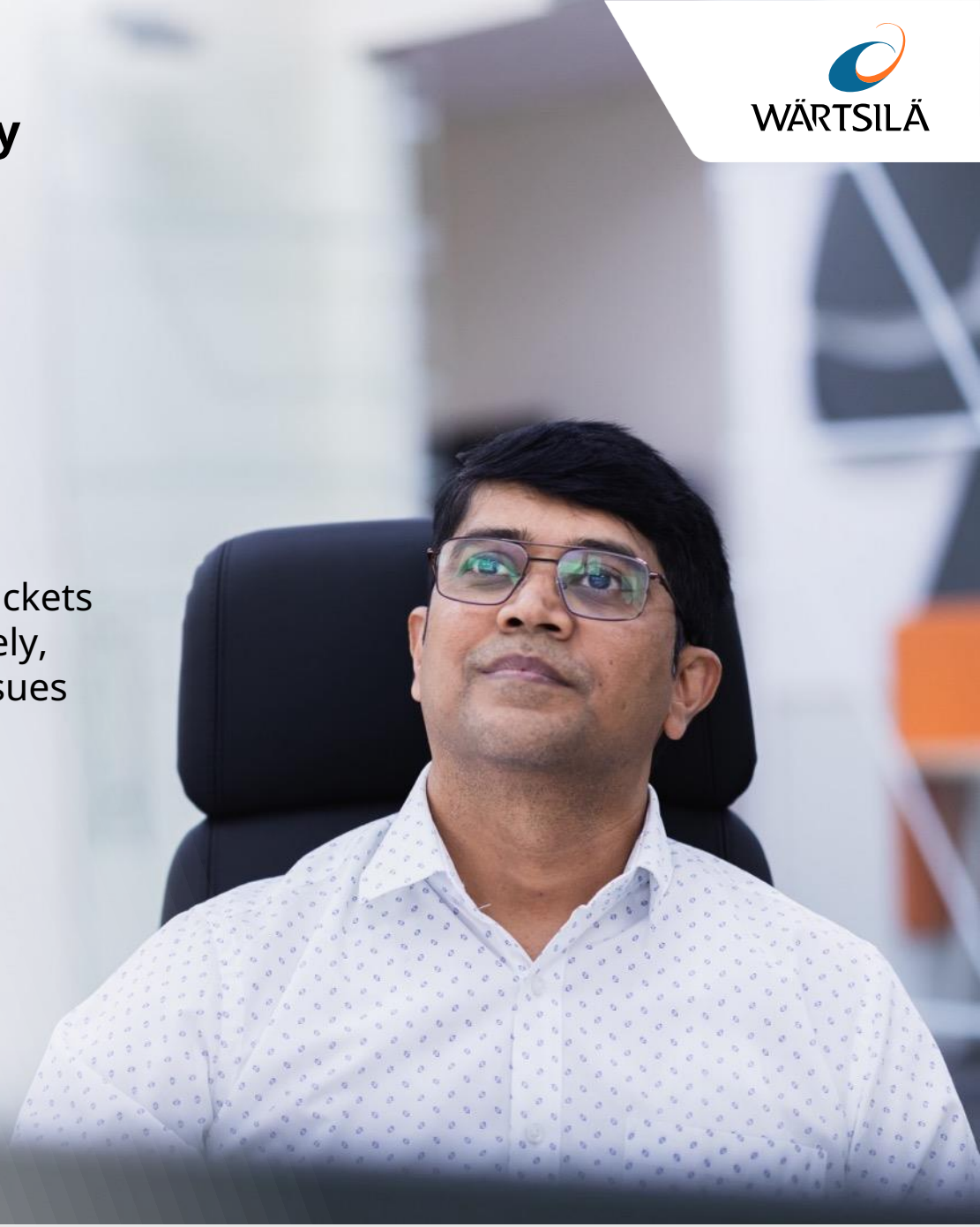
The broadest service network for marine and energy

Over half of our sales come from services

>90%
service agreement renewal rate

3,500
field service engineers having our customers' backs

>90%
of customer tickets solved remotely, preventing issues



Figures from 2025

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Set for 30 – our decarbonisation targets for 2030

Product portfolio ready for zero-carbon fuels

- Our engines can run on low- and zero-carbon fuels
- Hydrogen, ammonia, and methanol technologies progressed significantly in 2025

Carbon neutral in our own operations

- Greenhouse gas emissions down 53% by end of 2025

25% reduction of direct suppliers' greenhouse gas emissions

- In 2025, target baseline was set based on suppliers' GHG emissions data

Håkan Agnevall,
President & CEO

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The decarbonisation of marine and energy continues to advance

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A changing world, accelerating decarbonisation

Urgency to cut emissions

- Growing energy demand and trade
- Policies and regulations
  Marine: net zero GHG ~2050
  Energy: net zero targets for 77% of emissions
- Weather phenomena and related vulnerabilities

Technology maturity

- Renewables
- Fuel-flexible tech and sustainable fuels
- Other tech, e.g., abatement and batteries

Connectivity and data

- More systems, data, and complexity
- Holistic optimisation

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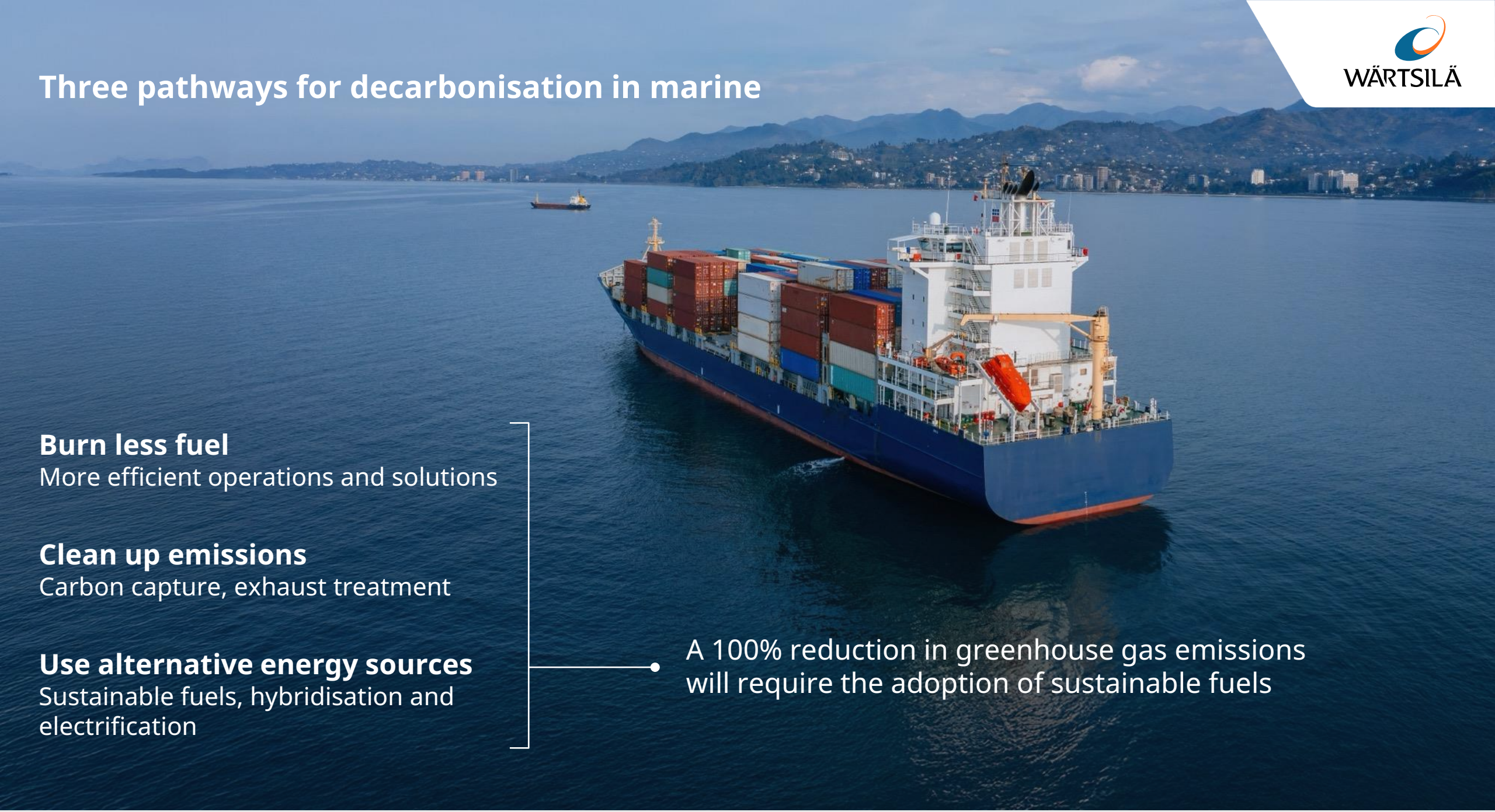
Three pathways for decarbonisation in marine



Burn less fuel
More efficient operations and solutions

Clean up emissions
Carbon capture, exhaust treatment

Use alternative energy sources
Sustainable fuels, hybridisation and electrification

A 100% reduction in greenhouse gas emissions will require the adoption of sustainable fuels

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Decarbonising the energy industry with renewables and balancing power

1
Add renewables

2
Add balancing engine power plants and energy storage

3
Phase out inflexible power plants

4
Convert remaining power plants

5
A 100% renewable energy future is here

It is based on renewables, balancing power plants running on sustainable fuels and energy storage

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Data centres – a rising market with unique power requirements

Wärtsilä offers leading technology to mitigate challenges with grid capacity

40%
of data centres will face power shortages by 2027

20–30%
of data centres turning to on-site power as primary source by 2030

Our flexible power solutions deliver quick access to power, high reliability, fuel efficiency, scalability, and exceptional heat resilience

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Our solutions and know-how enabling the transition

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We are a technology leader in the decarbonisation transformation

- Fuel-flexible engine technology
- Industry-leading fuel research
- Hybrid, battery, and energy storage solutions
- Digital solutions to optimise and secure operations and service
- Energy-saving technologies
- Broadest lifetime service network, Decarbonisation services
- Emission-abatement technologies
- Industry know-how and systems modelling

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Wärtsilä in marine: the right solutions for each vessel and fleet

Making lower-emission shipping a reality

Engine optimisation and fuel flexibility

Electrification and hybrid systems

Energy-saving solutions

Abatement systems and carbon capture

Lifecycle solutions and services

Digital solutions and services

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Wärtsilä in energy: towards a 100% renewable energy future

Our technologies provide reliable power and balancing to support the growth of renewables.

Engine power plants

Energy storage and optimisation

Services and power system expertise

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Helping customers decarbonise by climbing the service value ladder

Over 90% agreement renewal rate

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Our strategy drives change

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Our strategy

THE WÄRTSILÄ WAY

Purpose
Enabling sustainable societies through innovation in technology and services

Target position
Shaping the decarbonisation of marine and energy

Strategic priorities
Roadmap to improve performance and reach the target position

Execution plan
What to do – tactics & operations, updates yearly

Values, leadership, and continuous improvement
Our beliefs and behaviour

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Innovation and R&D investments driving change

329 MEUR R&D investment

= 4.8% of our net sales.

2,500 patents and applications

45% of our patents filed at the European Patent Office classified as technologies that cut GHG emissions.

Over 400 ideas and inventions

through our innovation programmes.

Figures from 2025

© WÄRTSILÄ

Fuel-flexible technology is the most future-proof solution

Decarbonisation will involve multiple fuels. Our engines can run on traditional fuels and:

Ammonia	Ethane
Bio-LNG	Ethanol
Bio-methane	Hydrogen
Bio/renewable diesel	LNG
E-diesel	LPG
E-methane	Methanol

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Public

AI is part of our continuous improvement toolbox and a focus area for strategic bets in service

Two workstreams on AI solutions: improving operational efficiency and adding customer value

60+

AI solutions implemented across the company

25

implemented in 2025 alone

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Leading the way with our customers

Selected references and other milestones

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Pioneering carbon capture at sea

Solvang ASA's Clipper Eris

Industry's first full-scale on-board carbon capture solution can capture over 70% of the vessel's CO_2 emissions.

Copyright: © Solvang ASA

One of the world's most efficient and sustainable ships

Aurora Botnia, Wasaline

Engine upgrades and hybrid propulsion have delivered double-digit reductions of fuel consumption.

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Public

AI driven maintenance planning to boost uptime

Wärtsilä Expert Insight onboard CMA Ships

AI-based predictive maintenance improves vessel efficiency and reduces operating costs.

Copyright: © CMA Ships

Optimising the performance of our 4-stroke ammonia engine

Up to a 90% reduction in greenhouse gas emissions compared to equivalent diesel engines.

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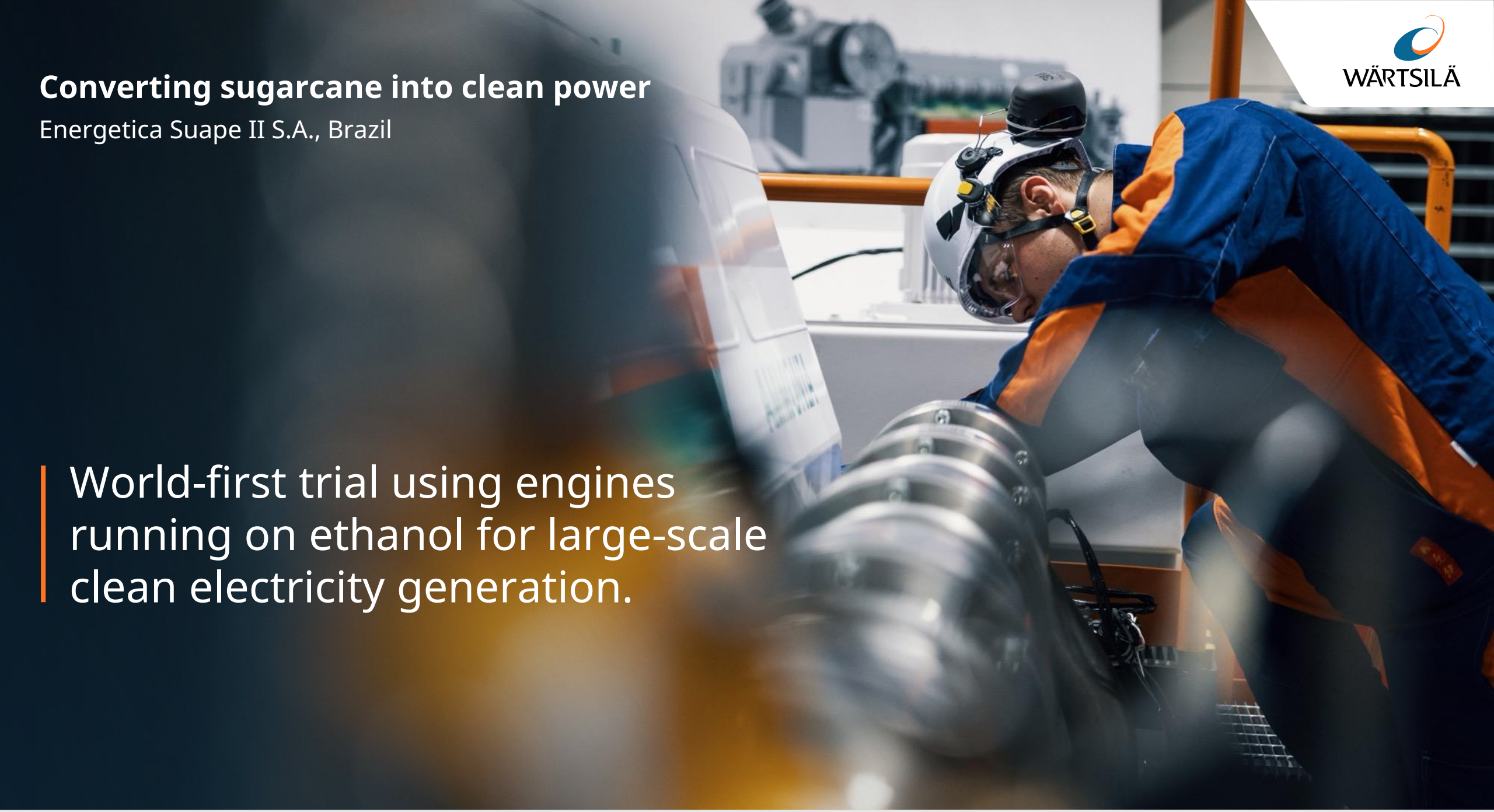
Converting sugarcane into clean power

Energetica Suape II S.A., Brazil



World-first trial using engines running on ethanol for large-scale clean electricity generation.

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Reliable power for two new US data centres

Wärtsilä strengthens its position in the growing data centre market with two orders totalling 789 MW of power, delivering reliable, fuel-efficient and future-proof primary power as an off-grid solution.

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Engineering and equipment for a power plant in Kentucky

217 MW Wärtsilä dual-fuel power plant to deliver reliable power for Kentucky residents.

The plant is needed to provide additional grid capacity. It will operate for approximately 5,000 hours per year, providing grid balancing power as needed.

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Public

First-of-its-kind energy storage system in the UK

The 200 MW / 400 MWh Blackhillock site

One of Europe's largest grid-scale energy storage systems and the world's first to provide stability services to Great Britain's National Energy System Operator.

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Public

Australia’s largest DC-coupled hybrid battery system

Major step in hybridising storage with co-located renewables

Once operational, the system can

power up to 120,000 homes and businesses, contributing directly to the nation’s Net-Zero by 2045 target.

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Public

Decarbonising Curaçao: towards 70% renewable energy by 2027

Optimising energy use across the Caribbean island with our energy storage, grid-balancing engines, and the GEMS Digital Energy Platform.

Challenges

- Rising energy demand in the region
- Climate change
- Grid reliability issues causing power outages
- Ambitious renewable capacity targets
- Intermittency of solar and wind energy sources, resulting in the need for dispatchable, flexible power generation

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In 2025, we ranked #141, climbing over 150 positions compared to the previous year

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Public

Recognised as one of the world’s best employers in 2025

Forbes
WORLD’S
BEST EMPLOYERS
POWERED BY statista
2025

© WÄRTSILÄ

Financial performance

2025 was another year of all-time highs

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Financial highlights 2025

Order intake

8,102 **MEUR**

Net sales

6,914 **MEUR**

Comparable operating result

829 **MEUR**

Comparable operating result, % of net sales

12.0%

Order book at the end of the period

8,248 **MEUR**

Basic earnings per share

1.06 **EUR**

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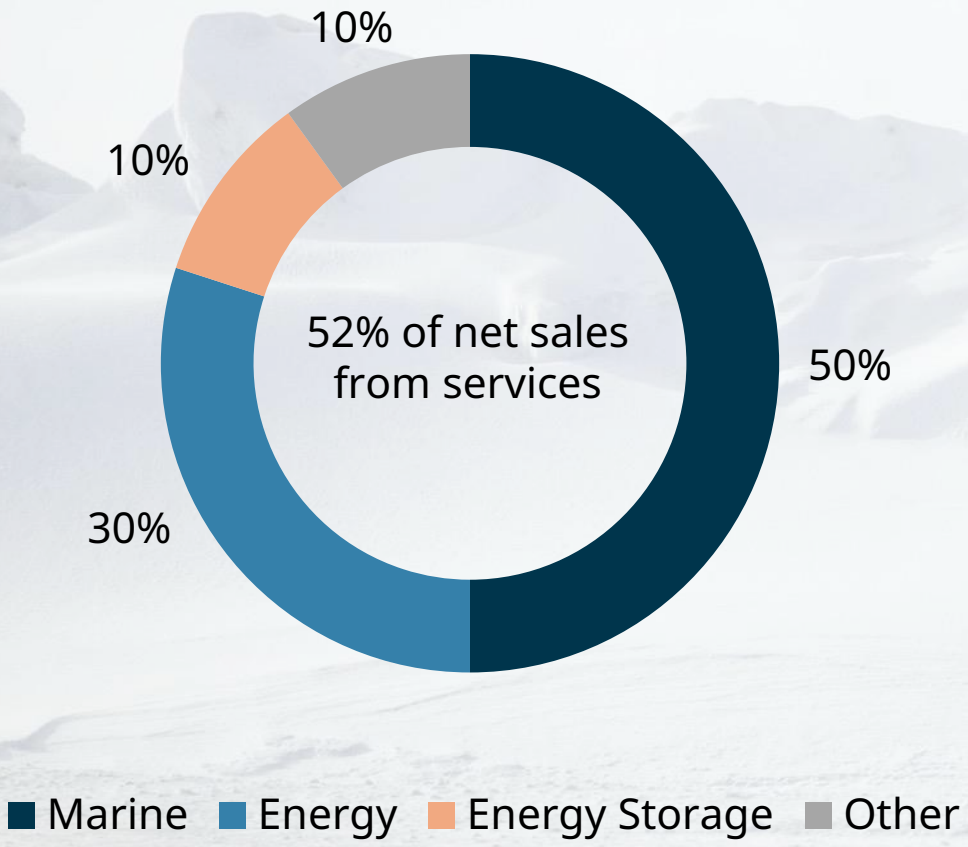
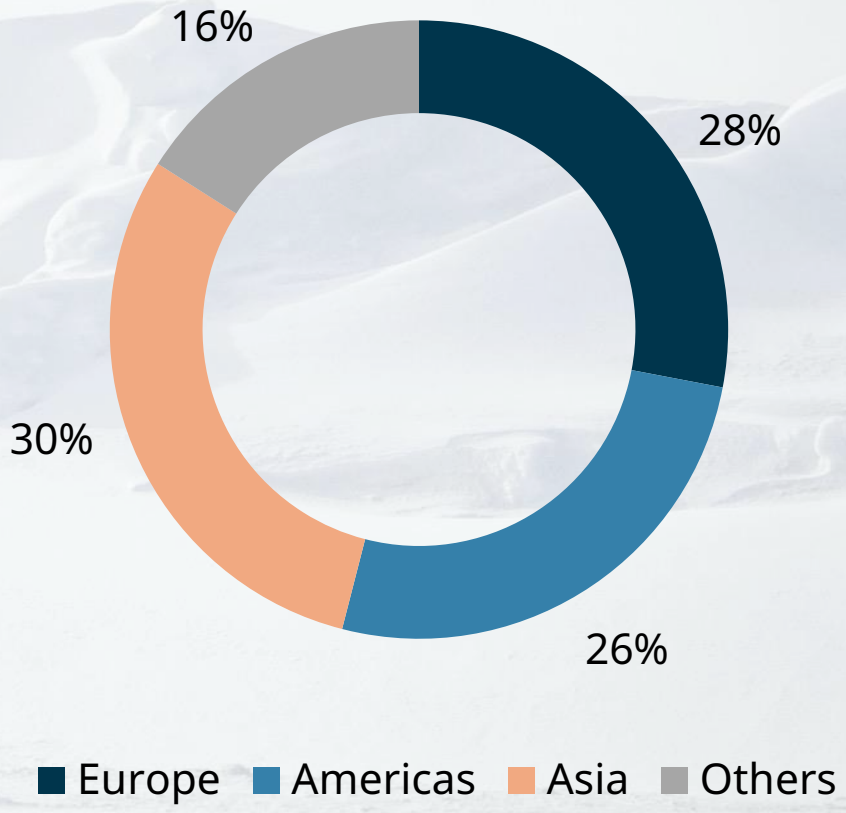
Sales by businesses and geographical areas in 2025

6,914 MEUR net sales, per business



Geographical net sales



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Enabling sustainable societies

Consistently recognised for our efforts

TIME
WORLD'S MOST SUSTAINABLE COMPANIES
IN PARTNERSHIP WITH statista
2025

TIME BEST INVENTIONS 2025

Forbes
WORLD'S BEST EMPLOYERS
POWERED BY statista
2025

FT FINANCIAL TIMES
statista
CLIMATE LEADERS
2023 – 2025

2025 COACHING IMPACT AWARD WINNER ICF

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Get to know our story and people on social media

#FuelYourPower

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