

מחנה
המנוחה



Alfa Laval Aalborg

May 2022

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Alfa Laval introduction

A global company



– Swedish company with roots back to 1883

- ~17,000 no of employees
- Global market leadership
- Strong brand recognition
- 35 major production units (Plus a number of minor production and assembling units)
- More than 100 service centres
- Sales companies in 55 countries (plus representation in 45 other countries)

Three business divisions



Energy

This area covers a wide range of industries such as HVAC, oil & gas, chemicals, biofuels – with a special focus on energy efficiency.



Food & Water

Offers products, solutions and systems in the areas of food processing and water treatment.



Marine

The company has supplied the marine industry since 1917 and has today a broad offering incl. environmental marine products.

Our purpose

Advancing Better™



“We exist to accelerate success for our customers, people and planet”

Key areas and products in Aalborg



Energy



Heat & steam

Safety



Gas combustion

Environment



Waste to energy, fuels cells, waste heat recovery and *ballast water treatment

*PRODUCTION ONLY

Alfa Laval on board



Newly added products



Wind propulsion



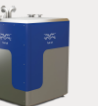
Weather intelligence



Air lubrication



Power from waste energy



Fuel cell system

Developing the future

Alfa Laval

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New tank set-up

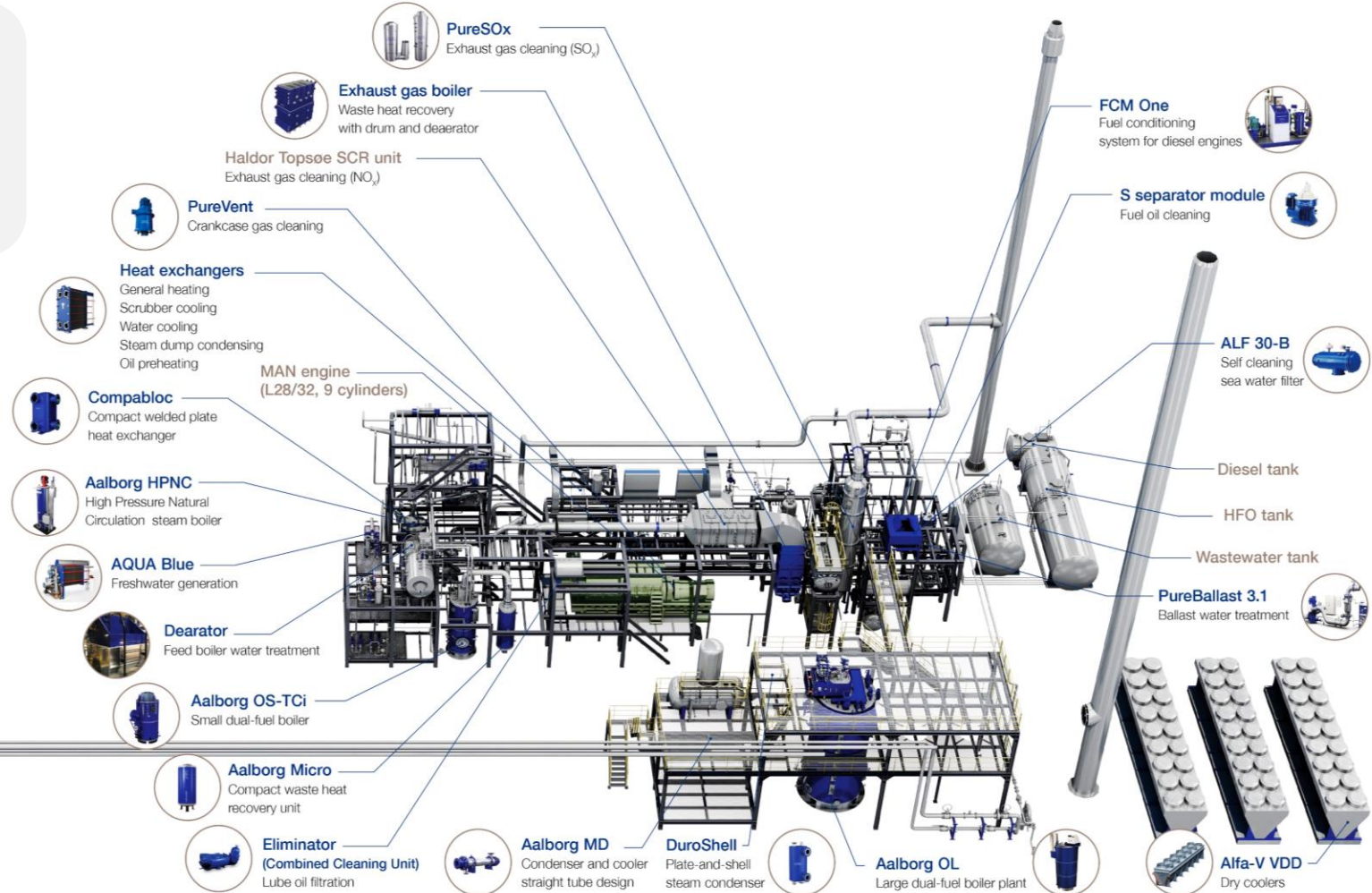
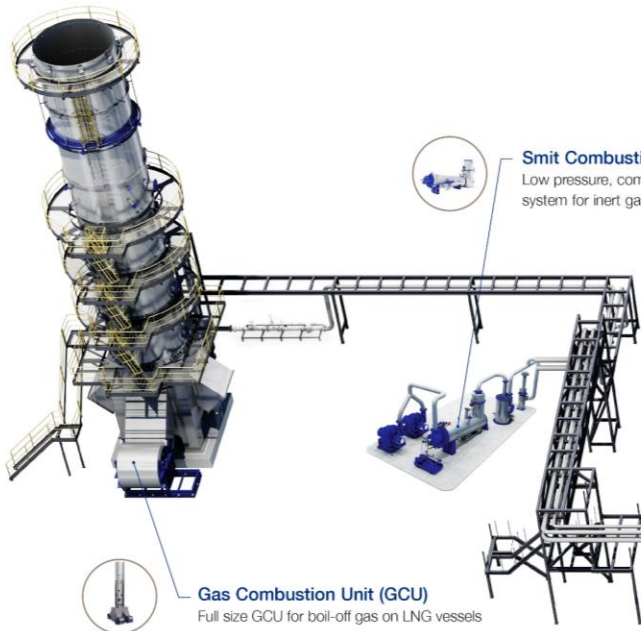
Methanol
5m³



Bio Fuel
25m³



Ammonia
2022-23





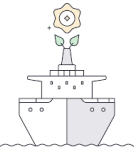



















Projects and partnerships



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Project	Partners
Methanol as fuel for marine diesel engines EUDP	   
SOFC4Maritime (Solid Oxide Fuel Cell for Maritime) EUDP	   
Marine fuel cell APU (Auxiliary Power Unit) EUDP	   
CO2 Negative ISO8217 bio-bunker – MASH ShippingLab	 
Low Carbon Fuels Innovation Fund Denmark	       



Carbon Neutral 2030 at Alfa Laval

Søren Hjorth Krarup

The Sustainability strategy



Climate

Carbon neutral

We strive towards becoming carbon neutral across the value chain

In focus

- Scope 1 emissions
- Scope 2 emissions
- Scope 3 emissions



Circularity

Circular business

We are dedicated to safeguarding the value of natural resources throughout our value chain

In focus

- Efficient manufacturing
- Extending product life span
- Reuse/recycle



Caring

Safe inclusive culture

We promote a safe, inclusive culture both within our company and in our relationships with external partners

In focus

- Health & Safety
- Inclusion and Diversity
- Human rights



Committed

Ethical business

We are committed to honest, respectful and ethical conduct within our organization, as well as in all external business relationships

In focus

- Business Principles
- Anti-Bribery Anti-Corruption
- Whistleblowing

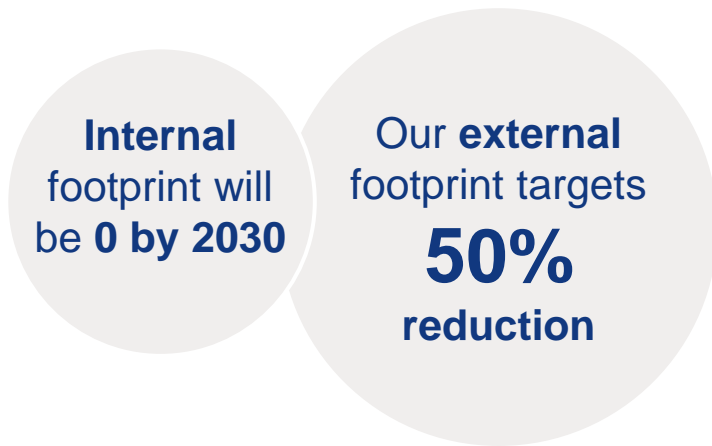
Carbon Neutral 2030



Carbon neutral – our targets

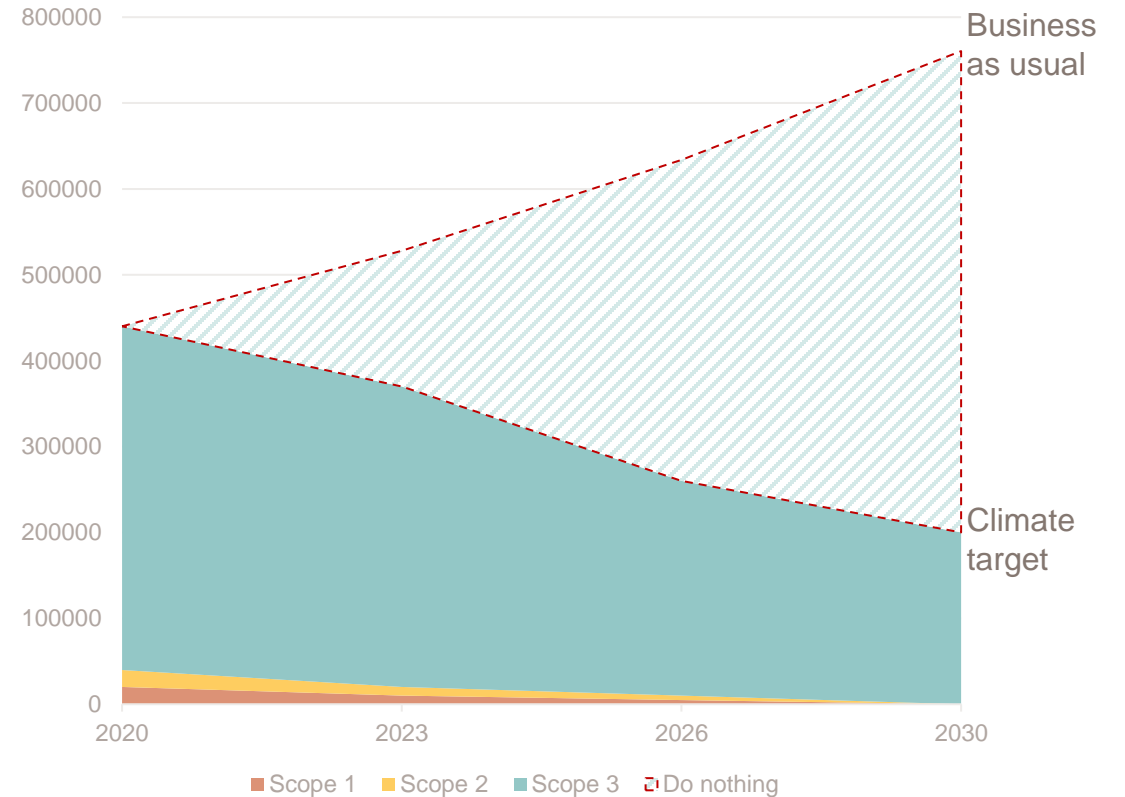


Alfa Laval has external commitments:



Our baseline year is 2020 and our targets are set against this.

Action needs to be taken now, together with our customers and suppliers.



Carbon neutral in the entire value chain

– Our commitment goes beyond our internal emissions



Scope 1 covers the direct emissions from the energy we use in our premises or company vehicles.

Scope 2 covers indirect emissions from the generation of purchased electricity, steam, heating and cooling consumed by Alfa Laval.

Scope 3 covers the external emissions caused by our suppliers, transportation and use of our products.

Definition by The GHG Protocol

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