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MARITIME WIND PROPULSION CUTTING 35% FUEL CONSUMPTION AND EMISSIONS

THE CHALLENGE

Fuel costs

Fuel costs can **account for up to 60-70%** of a ship's operating cost. Fuel savings equals profit

Regulations

With a tough new global regulation that came into force in 2020, the shipping industry will be forced to **shift to new more expensive fuel to reduce its carbon footprint**.

Customer's ROI less than 4 years

We target a very short ROI. Each NYW system saves 1.7 tons of fuel per day.

MARKET & SIZE



35,000

Is the number of ships that are suitable for retrofit installation.



1500

New build ships suitable for wind propulsions annually.



\$29 B

Global offshore wind energy market value in 2021 and expected growth at 19% CAGR from 2022 to 2030.

SAM

\$100 B

The 35,000 ships represent the serviceable available market

SOM

\$1.5B

1000 ships by 2030
Recurrent: \$200M by 2030



Nayam Wings introduces a new breed of wind propulsion **for merchant ships that seeks to greatly minimize fuel consumption and emissions**. Our wing design **utilizes advanced airfoil shapes and an asymmetric configuration, enabling powerful thrust** as a hybrid propulsion system in maritime vessels.

OUR SOLUTION



Aircraft technology **wind propulsion** system for maritime vessels



15% to 25% **for retrofitted ships**
35% for new build ships



Fully autonomous



Heeling control



35% fuel and **emission reduction** for new build ships



We are patented
(EU) 3317178
Registered in 19 EU countries

TRACTION

- **Completed POC** for proving mid-size wing
- Recognized by the **Israeli Innovation Authority- \$1M grant received**
- Our first full-scale installation is scheduled for 2024, marking a significant milestone in **our mission to revolutionise the energy industry**.

THE OPPORTUNITY

Invest in the future of energy, backed by endorsements from the Israeli Innovation Authority, the Israeli Ministry of Energy, the municipality of Haifa and Israel Ports Company, **with a total of \$1.5M in grants to solve a real-world problem**.

FOUNDERS



Amnon Asscher

Founder, chairman & CTO
Aeronautical engineer



Saar Carmeli

Co-founder, CEO
Capt. Navy (res)



Avishay Parker

Co-founder, COO & BD
Commander. Navy (res)

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