

In 2024, Navalis continued to advance its sustainability strategy across all key areas—environmental performance, safety, governance, and social responsibility. Guided by international standards and long-term climate targets, we implemented effective measures, strengthened compliance, and reinforced our commitment to responsible maritime operations.

# 20 24



## SUSTAINABILITY UPDATE 2024

Navalis Shipping GmbH & Co. KG  
[www.navalis.com](http://www.navalis.com)





# REVIEW AND ACHIEVEMENTS

In 2024, Navalis strengthened its market position, deepened customer relationships, and advanced key sustainability goals. Strategic growth and operational improvements marked another year of steady progress.

## REDUCING EMISSIONS


Our emissions reduction strategy is built on two pillars: short-term technical upgrades and long-term climate targets. The measures introduced in recent years have continued to yield measurable results. In 2024, we completed the rollout of ballast water treatment systems across our entire fleet, ensuring compliance with the D-2 standard and significantly reducing the environmental impact of ballast operations. In parallel, four newbuildings of the GSD 5900XL class were delivered. These vessels incorporate advanced propulsion techno-

logy, energy recovery systems, SCR exhaust treatment for IMO Tier III compliance, LED lighting, and air guard shaft seals to eliminate oil discharge into seawater. All four are certified at CSI Class 5. Together, these developments contribute to the continuous improvement of our environmental performance. Our long-term objective remains a 30% reduction in greenhouse gas emissions by 2030.

 **136**  
Cadets & Trainees

**6**  
  
offices

**50**  
Vessels  


**30%**   
targeted reduction  
emissions  
by 2030

Navalis Shipping  
since  
**1995**

**1,500**  
tonnes MDO of fuel  
savings per year

Schiffahrtskontor  
tom Wörden  
founded  
**1911**

**2050**  
aiming to be  
climate neutral 

## ECOVADIS:

Navalis is proud to have been recognised by EcoVadis for its sustainability performance for four consecutive years. After receiving a Bronze Medal in 2020 and a Silver Medal in 2022, we achieved the Platinum Medal in 2024, placing us in the top 1% of all assessed companies worldwide. This independent rating system evaluates environmental impact, labour and human rights, ethics, and sustainable procurement. The consistent progression in our ratings highlights our commitment to sustainable development and our ability to implement high-impact improvements over time.

## CERTIFICATIONS

Navalis continues to operate in accordance with internationally recognised management systems. All processes remain certified under ISO 9001 (Quality Management) and ISO 14001 (Environmental Management). These certifications form the backbone of our operational quality and environmental accountability.



## Our Sustainable Development STRATEGY

Our sustainability efforts are guided by five selected UN Sustainable Development Goals. These goals reflect both our operational priorities and our broader social responsibility:



In 2024, we observed positive developments guided by the UN Sustainable Development Goals. The continued alignment of operational measures with these SDGs supports our long-term strategic goals and day-to-day decision-making.

## CLIMATE ACTION

Navalis addresses climate action through a range of operational areas, with tangible progress achieved in multiple key fields in 2024. Emissions from vessel operations were reduced by 5.17%. Performance monitoring remains central to our emissions strategy. All vessels are connected to a real-time tracking

system that records speed, fuel consumption, cargo intake, and route data. This enables us to optimise operations, reduce fuel use, and implement voyage planning strategies such as just-in-time arrival and ballast management.

The delivery of four GSD 5900XL vessels further strengthens this approach. Their energy-efficient hull forms, low-drag rudders, and auxiliary power optimisation reduce fuel consumption significantly. All newbuildings are free of antifouling or biocides and use UV-based, chemical-free ballast water treatment systems.

Beyond shipboard operations, land-based improvements also contribute to emission reductions. Office heating consumption fell by 6.3% in 2024. Hull coating efficiency remained unchanged, continuing to meet classification and environmental standards.

#### LIFE BELOW WATER

Navalis continues to minimise its ecological footprint on marine ecosystems. All vessels are equipped with ballast water treatment systems that meet international requirements and help prevent the spread of invasive aquatic species. Regular hull cleaning and the use of biocide-free, certified coatings reduce fuel consumption and drag. Waste and sludge management remains fully aligned with MARPOL standards and is monitored across the fleet.

#### NEWBUILDING PROJECTS

The four GSD 5900XL vessels, forming the core of our low-emission fleet concept, were all completed and delivered in 2024. Their design combines optimised hull lines and propulsion efficiency with advanced technologies such as SCR exhaust treatment and heat recovery. Additional features like LED lighting, air guard shaft seals and lightweight hatch handling systems contribute to further energy savings. All units are equipped with UV-based ballast water treatment systems and certified at CSI Class 5. Further expansion is planned: Four additional GSD 5900XL vessels are scheduled for delivery in 2026 and 2027. In parallel, Navalis is preparing the introduction of four smaller GSD 5200XL units as well as a newbuilding project of 7400 dwt ship. These newbuildings will support fleet renewal and further reduce the carbon footprint of operations.

## HEALTH & SAFETY

Safety remains a core priority across all Navalis operations. Standards, training routines, and compliance systems introduced in previous years were maintained in full. The focus in 2024 remained on consistent implementation and the systematic evaluation of safety performance.

#### SAFETY STANDARDS

Existing procedures such as permit-to-work systems, onboard safety training and inspections by safety officers continued without change. No significant adjustments were made to the occupational health and safety programme, as all established measures remain effective and integrated in daily operations.

#### AUDITS FOR INTEGRATED MANAGEMENT SYSTEMS (ISM & ISO)

Between June 2023 and June 2024, 21 external audits were conducted on board, identifying 13 non-conformities and 23 observations. This marks an increase in findings compared to the previous

year, reflecting stricter evaluation criteria and a broader audit scope. All issues were followed by corrective actions. Shore-based audits continued as scheduled and remained without findings.

#### ACCIDENTS

We continue to measure safety performance using the Total Recordable Injury Rate (TRIR). The calculation method remains unchanged:

$$\text{TRIR} = \frac{\text{Total number of recordable incidents} * 1.000.000}{\text{Total actual hours worked}}$$

In 2024, the TRIR was 3.61. Incident analyses and preventive measures were carried out as standard. The long-term goal of reducing the TRIR below 2.0 by 2030 remains in place.

#### PORT STATE CONTROL

The average Port State Control (PSC) deficiency rate across the fleet in 2024 was approximately 33% below the Paris MoU average, confirming the effectiveness of our compliance management. Compared to the previous year, it was a slight increase and within expectations given fleet activity.

## SOCIAL

The performance of Navalis depends on the dedication of its people. We continue to place a strong focus on crew welfare, staff development, and equal opportunities—both at sea and ashore. The overall retention rate remained stable in 2024. While staffing levels have largely recovered from the impacts of the COVID-19 pandemic and the geopolitical effects of the war in Ukraine, we remain attentive to the needs of our Ukrainian crew and their families. Support measures put in place since 2022 have been continued.

Training remains a key component of our long-term strategy. Across our offices, we offer vocational training and dual study programmes in collaboration with universities. At sea, we currently have 136 cadets and trainees on board who are qualifying to become officers, engineers, or electricians. Gender equality also remains a focus area. The share of women in our fleet is still below industry average, but stable. Since 2021, seven additional women have joined Navalis, including deck cadets and senior officers. We aim to increase this number further and continue to support women in their maritime careers.

foundation for all employees and management teams. It sets clear rules on compliance, anti-corruption, human rights, environmental responsibility, and workplace behaviour. Data protection remains a high priority. We fully comply with the General Data Protection Regulation (GDPR) and the Whistleblower Protection Act. An external data protection officer monitors our systems. All legal, technical and organisational measures are implemented group-wide.

## NEXT STEPS

Navalis continues to invest in future-oriented technologies to enhance energy efficiency and reduce emissions. In 2024, planning began for the installation of fuel saving device on MV Finland, with implementation scheduled for spring 2025. The system optimises motor performance, reduces fuel consumption, energy use and mechanical wear. Looking ahead, Navalis will increase the share of biofuels in its energy mix from 2026 onwards. Between 2026 and 2027, four additional GSD 5900XL and four GSD 5200XL vessels will join the fleet. From 2027 to 2028, the 7400 dwt type is expected to enter service as a further step toward modernisation. Between 2028 and 2030, the use of alternative fuels, particularly biofuels, will be expanded further to support long-term climate targets.

## GOVERNANCE

Navalis upholds strong corporate governance standards and ensures compliance with all legal and regulatory frameworks. Our Code of Conduct, introduced in 2016, continues to serve as the binding

