



INNOVATIONS SINCE 1912

# BRUNVOLL

PRECISION IS OUR PASSION







# SUSTAINABLE DEVELOPMENT GOALS

<b>1</b> NO POVERTY 	<b>2</b> ZERO HUNGER 	<b>3</b> GOOD HEALTH AND WELL-BEING 	<b>4</b> QUALITY EDUCATION 	<b>5</b> GENDER EQUALITY 	<b>6</b> CLEAN WATER AND SANITATION 
<b>7</b> AFFORDABLE AND CLEAN ENERGY 	<b>8</b> DECENT WORK AND ECONOMIC GROWTH 	<b>9</b> INDUSTRY, INNOVATION AND INFRASTRUCTURE 	<b>10</b> REDUCED INEQUALITIES 	<b>11</b> SUSTAINABLE CITIES AND COMMUNITIES 	<b>12</b> RESPONSIBLE CONSUMPTION AND PRODUCTION 
<b>13</b> CLIMATE ACTION 	<b>14</b> LIFE BELOW WATER 	<b>15</b> LIFE ON LAND 	<b>16</b> PEACE, JUSTICE AND STRONG INSTITUTIONS 	<b>17</b> PARTNERSHIPS FOR THE GOALS 	

# HIGHLIGHTS

The shipping industry has the greatest potential to contribute to the goals on climate action, affordable and clean energy, sustainable cities and communities, life below water, good health and well-being, decent work and economic growth, and life on land.



Given the interdependence across all the SDGs, specific contributions related to these goals can also positively contribute to other goals.

We have summarised the potential for the shipping industry to contribute to the SDGs into five main opportunity areas, each with specific examples.

## FIVE OPPORTUNITY AREAS



### 1

#### Act on the Paris Agreement



- » Support strategies for the reduction of GHG emissions from international shipping through the IMO
- » Develop and implement low-carbon solutions on board ships
- » Develop international industry standards to scale up low-carbon solutions
- » Support the development of financial incentives to install low-carbon solutions on board ships
- » Work with stakeholders in the value chain to enable slow steaming
- » Understand risks and opportunities related to a changing climate and a low-carbon economy
- » Facilitate the transition to an equitable and resilient low-carbon economy

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### 2

#### Build sustainable communities & infrastructure



- » Develop and implement zero-emission transport concepts in cities and other populated coastal areas
- » Research and develop methods to measure and control particulate matter (PM)
- » Develop transport solutions for moving goods by sea instead of on land
- » Support sustainable energy infrastructure
- » Alleviate pressure from land-based activities
- » Develop and implement solutions for producing and transporting clean drinking water

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### 3

#### Protect life in the oceans



- » Develop and implement solutions for collecting plastic waste in the oceans
- » Prevent transfer of alien species across geographies
- » Use ships to collect ocean research data

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### 4

#### Create a sustainable future for the ocean economy



- » Facilitate resource harvesting in the ocean space, including food, minerals and energy
- » Create global governance for resource harvesting in the ocean space

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### 5

#### Promote responsible practices



- » Ensure decent work, living wages and responsible practices in the maritime industry
- » Increase transparency and accountability
- » Combat corruption and bribery

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#### ABOUT THE REPORT

» DNV GL has assisted the Norwegian Shipowners' Association (NSA) with assessing the potential contributions of the shipping industry to the Sustainable Development Goals.

» DNV GL has provided the framework for assessment and has facilitated a mapping process, including two workshops with experts from the NSA. The results are not the product of a DNV GL analysis, but rather reflect the input from both parties contributing to the mapping process.

» The report presents specific examples of how the shipping industry can contribute to the SDGs but the overview is not exhaustive.

» This report is a first analysis of the opportunities for shipping, and may serve as a foundation for future research to provide more detailed knowledge.





# GLOBAL MARITIME FORUM

The Global Maritime Forum is an international not-for-profit foundation dedicated to unleashing the potential of the global maritime industry. It is committed to shaping the future of global seaborne trade to increase sustainable long-term economic development and human wellbeing.

To serve its mission, the Forum convenes leaders from across the maritime community with policy-makers, NGOs, experts, and other influential decision-makers and opinion shapers from all geographies in a community of purpose to discuss collective challenges and to work together on developing new solutions and recommendations for action.

In order to do so, the Forum identifies, develops and shares new insights and key issues on the global agenda and facilitates collaborative projects and initiatives that can deliver long-term impact and sustainable change.

The Global Maritime Forum is independent of political and commercial interests and operates in full respect of the important role played by governments and international institutions.





