

About RightShip

RightShip is the world's leading ESG focused digital maritime platform, providing expertise in global safety, sustainability, and social responsibility best practice.

Our safety and environmental scoring systems and consultancy services are built on decades of maritime experience, comprehensive datasets, and sophisticated technology.





A truly global perspective

More than 220 colleagues in Australia, China, Vietnam, Japan, Malta, Singapore, UAE, Greece, UK and the US.

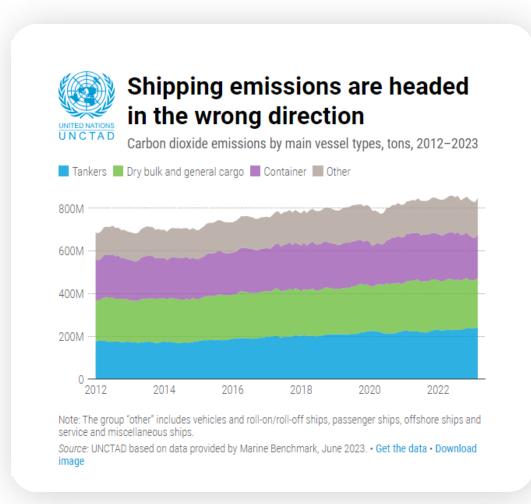
Serving the maritime eco-system

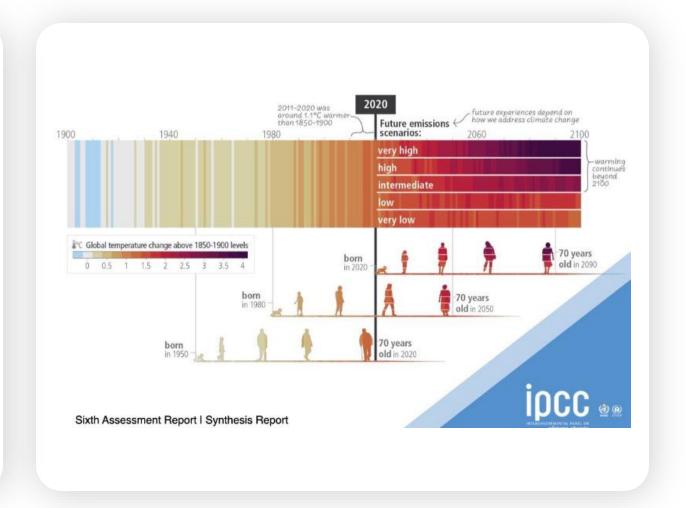






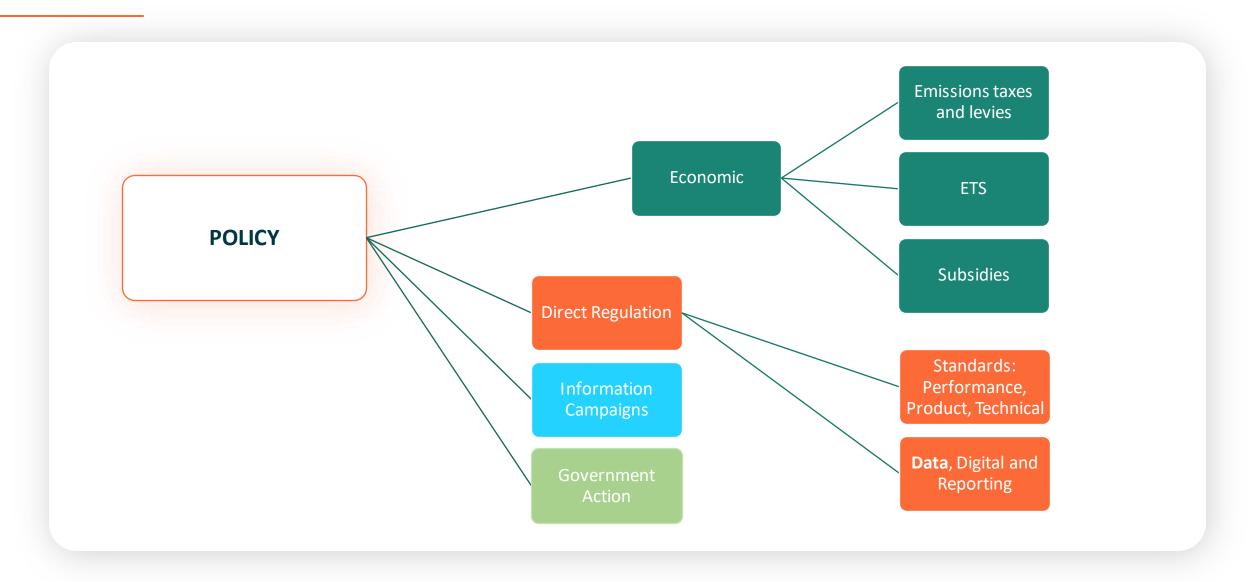
The climate change challenge





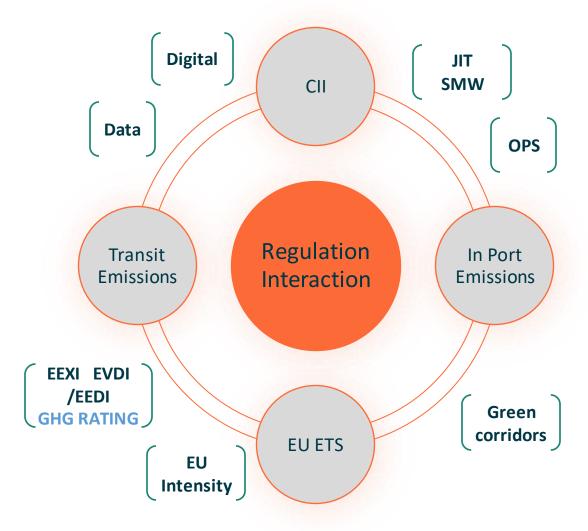
Climate action – basket of measures





Complexity and collaboration





The shipping eco-system

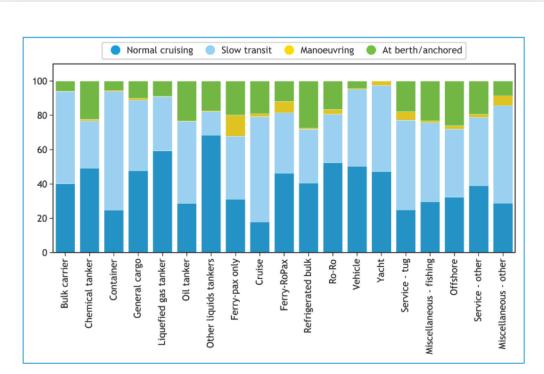


Figure 6 – Proportion of international GHG emissions (in CO_2 e) by operational phase in 2018, according to the voyage-based allocation of emissions. Operational phases are assigned based on the vessel's speed over ground, distance from coast/port and main engine load (see Table 16)



Regulatory environment



Stakeholder pressure



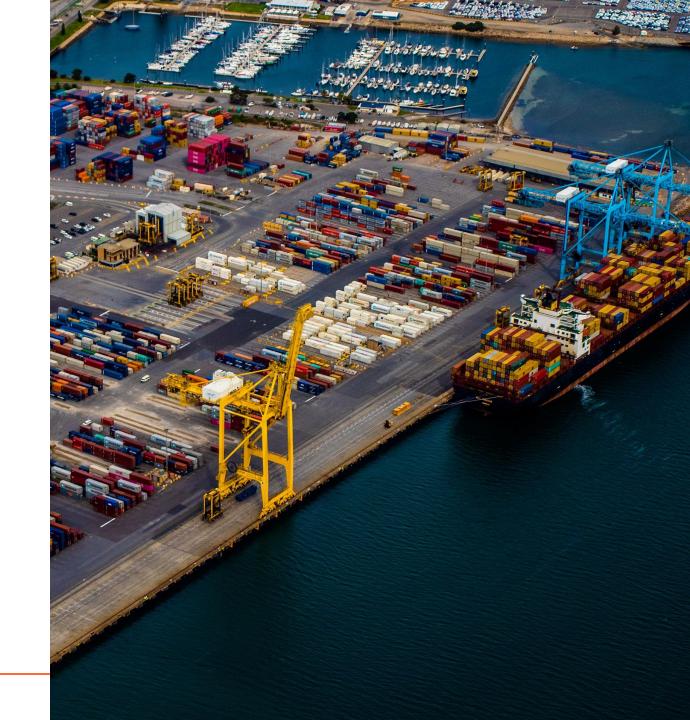
Green corridor & Net-zero



Trusted data and transparency

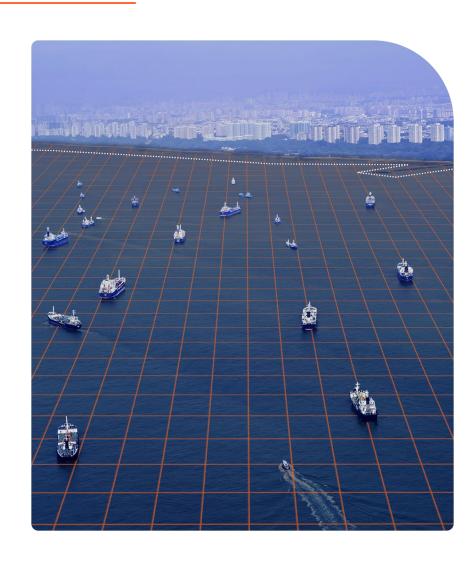
Challenges for Ports

- Increased regulatory and stakeholder pressure on environmental considerations, marine ecosystems and coastal communities' health and wellbeing, achieve zero emission port operations by 2050 or sooner.
- Lack of accurate ship-specific data in measuring ship-sourced GHG emissions & pollutants within port areas.
- Lack of official guidance for ports globally on how to effectively measure and manage Scope 3 emissions using recognised methodologies.
- Desire for more transparency in measuring and managing the emissions and air quality in and around your port.



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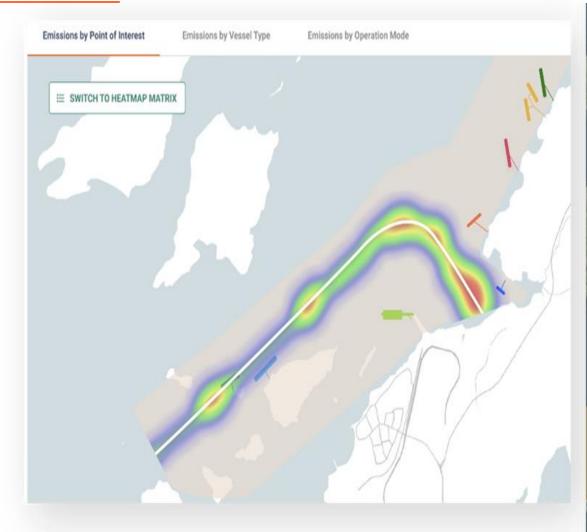
What is the MEP?

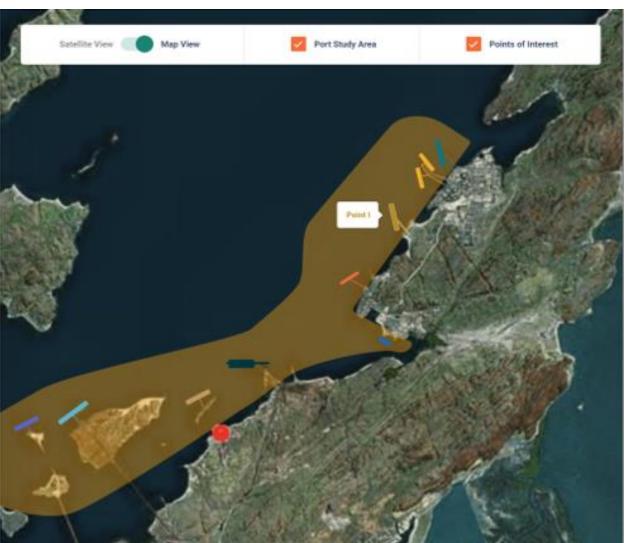


- Turnkey emissions monitoring and management tool for ports and terminals.
- AIS vessel movement data combined with our unique environmental database of more than 200,000 vessels.
- Emissions in four separate operational modes, across defined points of interest within the port.
- Ship emissions inventory/modelling services as defined by Climate Change Information Kit (UNEP and UNFCCC).
- Methodology reviewed and validated by independent third-party industry experts from the California Air Resources Board (USA); Ricardo Energy & Environment (UK) and the University of Delaware (USA).

Port mapping and emissions hot spots

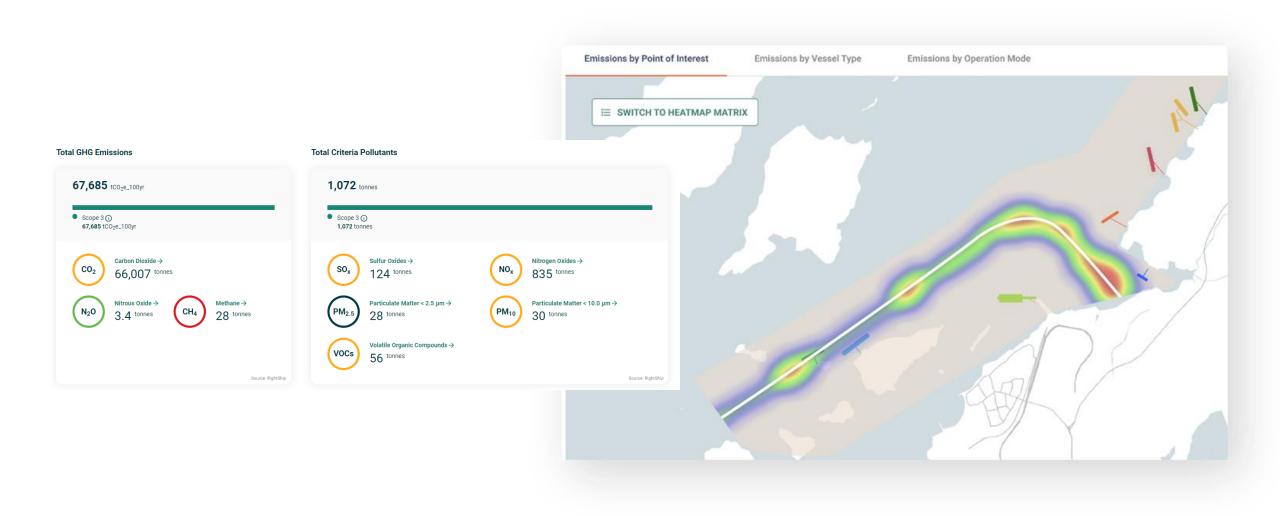






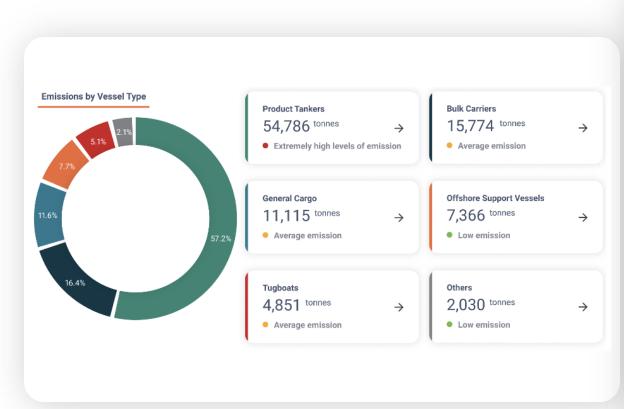
Total Emissions at port level

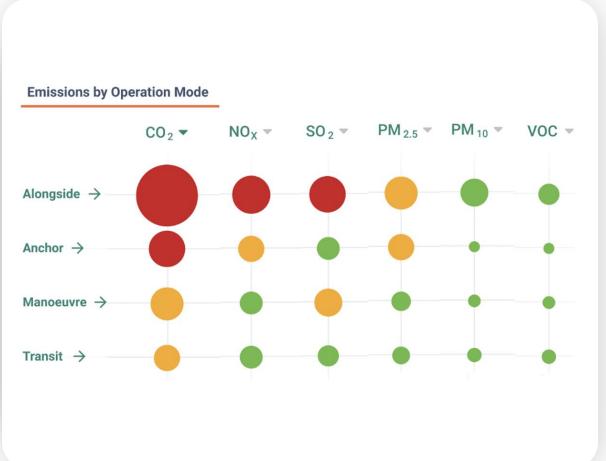




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Emissions by Vessel Type / Operation Mode





Insights

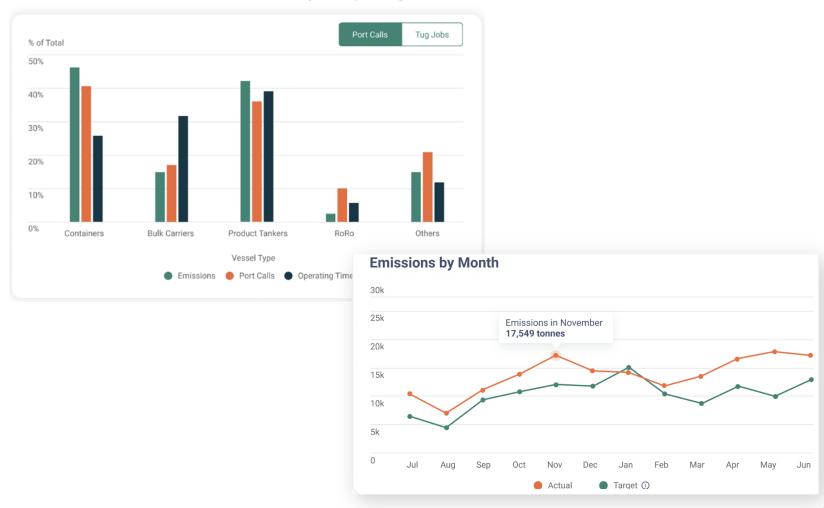
Top Contributors to Emissions

	Vessel Name	GHG Rating	CO ₂	Port Activity	Operating Time ①
1	BLUE PRIDE IMO 9281011 Product Tanker	E Verified	2,969 tonnes	3 port calls	22d:12hr:13m
2	ANAFI WARRIOR IMO 9370848 Product Tanker	D Verified	2,018 tonnes	6 port calls	17d:22hr:20m
3	NS SILVER IMO 9309576 Product Tanker	D Unverified	1,983 tonnes	3 port calls	49d:17hr:58m
4	ASHLEY LADY IMO 9429039 Product Tanker	F Unverified	1,714 tonnes	4 port calls	13d:8hr:28m
5	KRASNODAR IMO 9270517 Product Tanker	F Unverified	1,691 tonnes	2 port calls	12d:14hr:47m

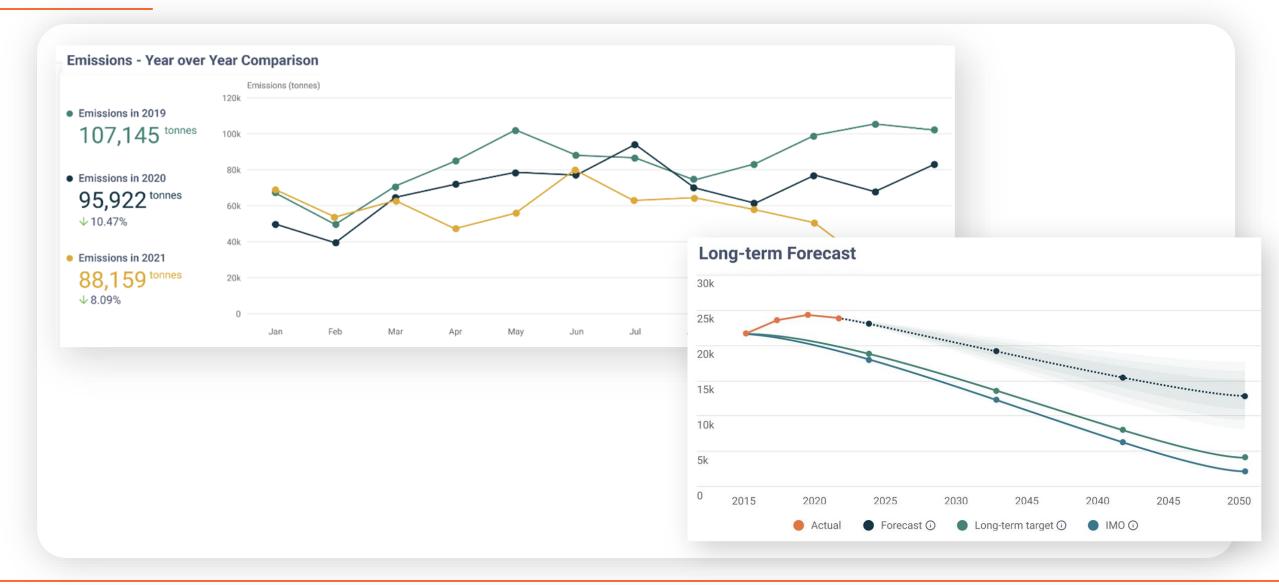
Smallest Contributors to Emissions

	Vessel Name	GHG Rating	CO ₂	Port Activity	Operating Time ①
1	BBC RUSHMORE IMO 9508469 General Cargo	F Verified	9.5 tonnes	1 port calls	0d:12hr:20m
2	STOLT SATSUKI IMO 9781114 Product Tanker	B Unverified	11 tonnes	1 port calls	0d:7hr:30m
3	STOLT RENGE IMO 9781126 Product Tanker	B Unverified	12 tonnes	1 port calls	0d:8hr:28m
4	AAL KOBE IMO 9498444 General Cargo	F Verified	14 tonnes	1 port calls	0d:15hr:21m
5	SIDER JASMINE IMO 9463542 General Cargo	F+ Verified	15 tonnes	1 port calls	0d:22hr:7m

Correlation of Emission Volume with Port Activity and Operating Time

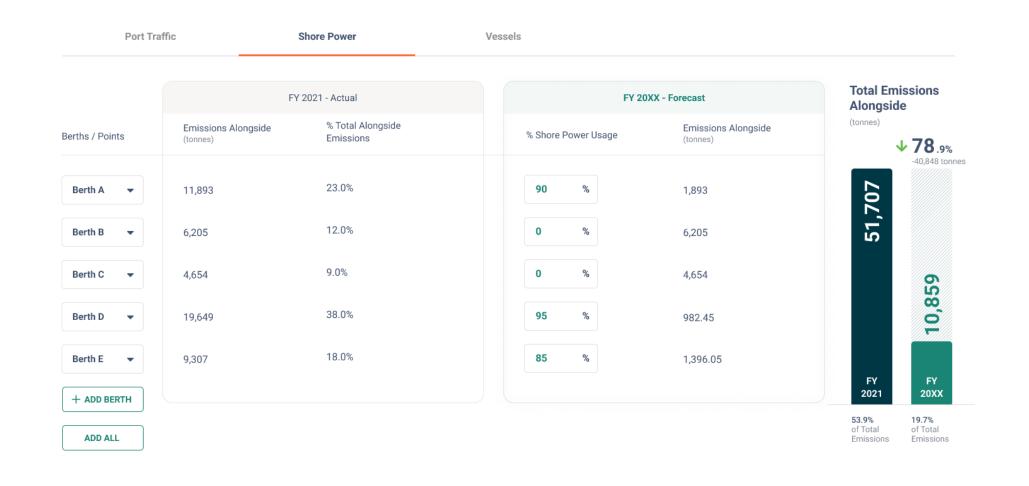


Insights



What Next? Scenario Planning to evaluate change







Thank you

rightship.com info@rightship.com X@RightShip_ in RightShip