



Norwegian  
Environment  
Agency

# MRV of maritime transport emissions

13. February 2025

# Introduction to the Norwegian Environment Agency (Miljødirektoratet)



## **Working for a clean and diverse environment**

Our primary tasks include reduce greenhouse gas emissions, managing Norwegian nature, and preventing pollution.



## **A government agency**

We are a government agency under the Ministry of Climate and Environment, with 700 employees across our offices in Trondheim, Oslo, Svolvær and Tromsø and the Norwegian Nature Inspectorate's local offices.



## **Principal functions**

We implement and give advice on the development of climate and environmental policy. Our principal functions include collecting and communicating environmental information, exercising regulatory authority, supervising and guiding regional and local government, providing professional and technical advice, and participating in international environmental activities.



## **MRV and EU ETS**

The Norwegian Environment Agency is the administering authority (AA) for both the MRV and EU ETS in Norway. We are also the national administrator of the Norwegian part of the Union Registry.



# What is MRV

## MRV

- MRV = monitoring, reporting and verification

## Obligations

- 3 main obligations for shipping companies covered by the MRV
  - Monitoring plan
  - Emission report
  - Document of compliance (DoC)

## Public information

- Every year, the Commission publishes a report about the greenhouse gas emissions and energy efficiency information of the monitored ships



# Ship types and gases covered by the MRV

Ship type	MRV	EU ETS
Cargo and passenger ≥ 5000 GT	2018	2024
<b>Offshore ≥ 5000 GT</b>	<b>2025</b>	2027
<b>Offshore 400-4999 GT</b>	<b>2025</b>	Inclusion in the EU ETS to be considered in 2026
<b>General cargo ships 400-4999 GT</b>	<b>2025</b>	Inclusion in the EU ETS to be considered in 2026
Greenhouse gases		
Carbon dioxide (CO <sub>2</sub> )	2018	2024
Methane (CH <sub>4</sub> )	2024	2026
Nitrous Oxide (N <sub>2</sub> O)	2024	2026



# Important definitions

Definition of ship types:

- General cargo ships: implementing regulation (EU) 2016/1928
- Offshore ships: delegated regulation (EU) 2024/3214

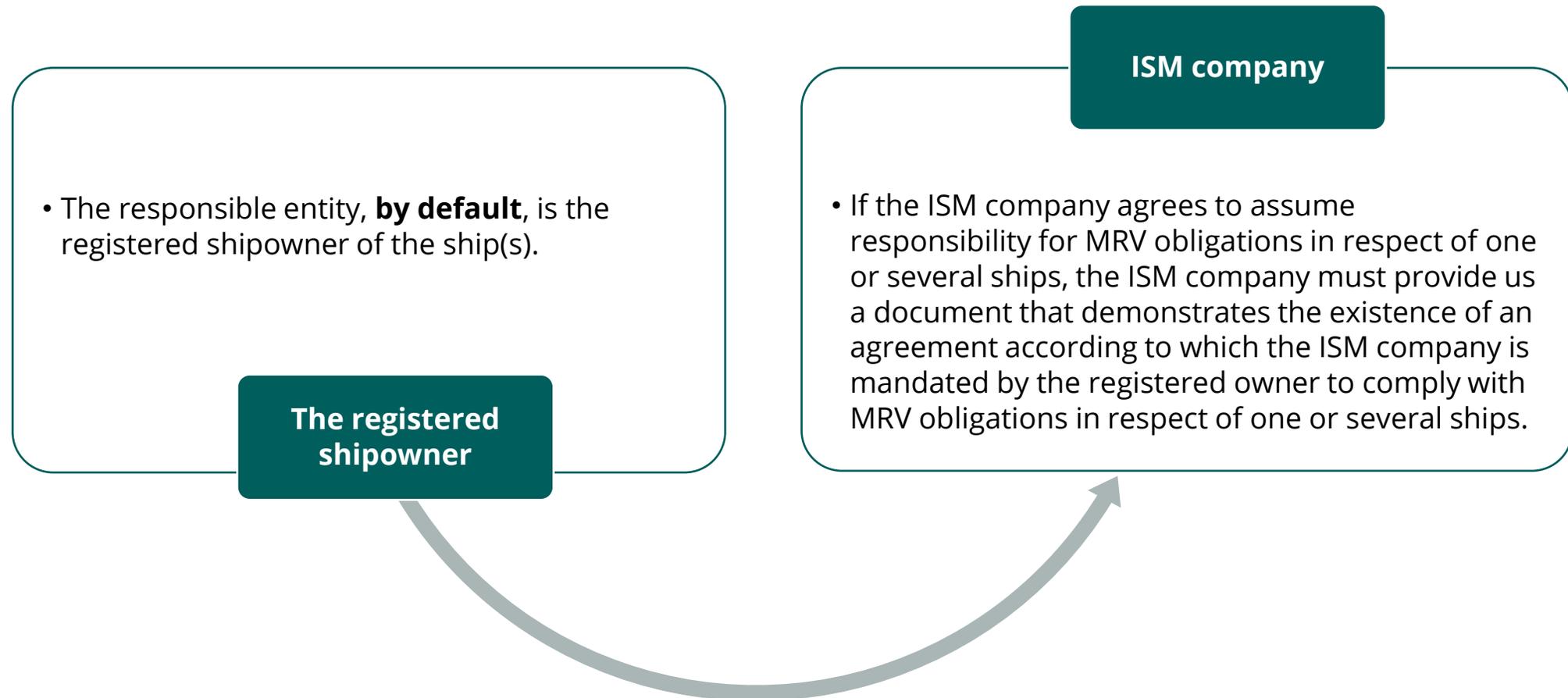
Port of call: the port where a ship stops to load or unload cargo or to embark or disembark passengers, or the port where an offshore ship stops to relieve the crew

Offshore facilities: offshore facilities that are permanently connected to port(s) and/or offshore facilities with assigned UN/LOCODE are considered ports

Geographical scope: monitoring and reporting emissions for voyages in/out of EEA and within EEA



# Which entity is responsible for MRV?



# Key deadlines and requirements #1

## Monitoring plan

### Monitoring plan for each ship

- The shipping company must have a monitoring plan for each ship under its responsibility.
- The template for the monitoring plan: Implementing Regulation (EU) 2023/2449

### Assessment of monitoring plan

- All the monitoring plans must be assessed by an accredited verifier
- All the monitoring plans must be submitted through THETIS-MRV

### Dates for submission of monitoring plan

- Shipping companies shall submit monitoring plans to the administering authority responsible without undue delay and no later than three months after each ship's first call in a port in Norway



# Key deadlines and requirements #2

## Emission report

Emission report  
for each ship

- Shipping companies must submit, for each ship under their responsibility, an emission report
- The template for the emission report: Implementing Regulation (EU) 2023/2449

Verification of  
emission report

- All the emission reports must be verified by an accredited verifier
- All the emission reports must be submitted through THETIS-MRV

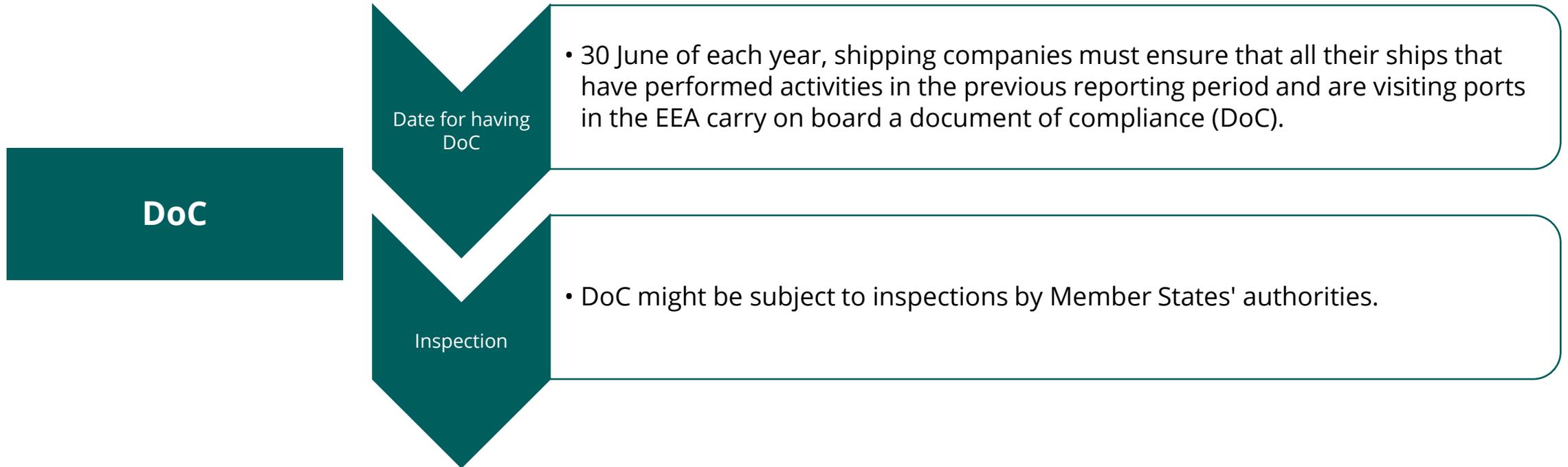
Dates for  
submission of  
emission report

- The first submission of emission reports for MRV ships\* will be 31 March 2026

\*Ships that fall under the scope of the MRV, but not EU ETS



# Key deadlines and requirements #3



# Obligations when ship(s) leave(s) the shipping company's fleet

## The previous shipping company

- Notify AA of any changes to the fleet
- Submit a partial emissions report without undue delay and within 3 months after the change of shipping company in THETIS-MRV
- Remember to complete all tasks *before* releasing the ship(s) from your account in THETIS-MRV

## The new shipping company

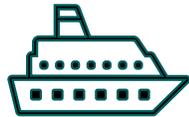
- Notify AA of any changes to the fleet
- Amend the monitoring plan for the ship(s)

For more information and guidance, please see the following:

- Commission's General guidance for shipping companies (GD no. 1) chapter 2.5.1
- Our website: [Guide to Maritime transport in the EU ETS and MRV - Norwegian Environment Agency](#)



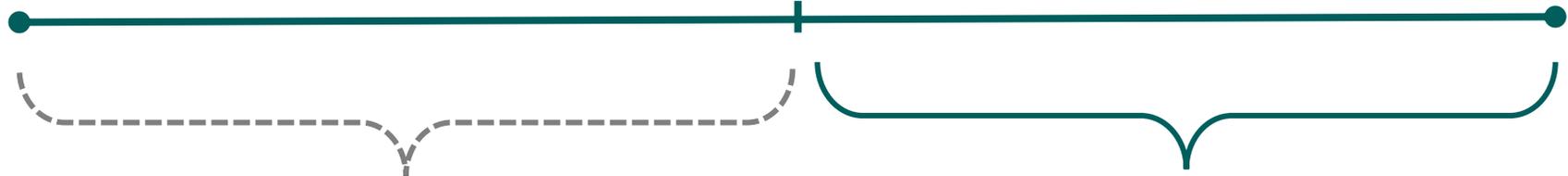
# How to report data if a voyage takes place during two reporting periods



The voyage starts on  
15 December 2024

1 January 2025

The voyage ends on 15  
March 2025



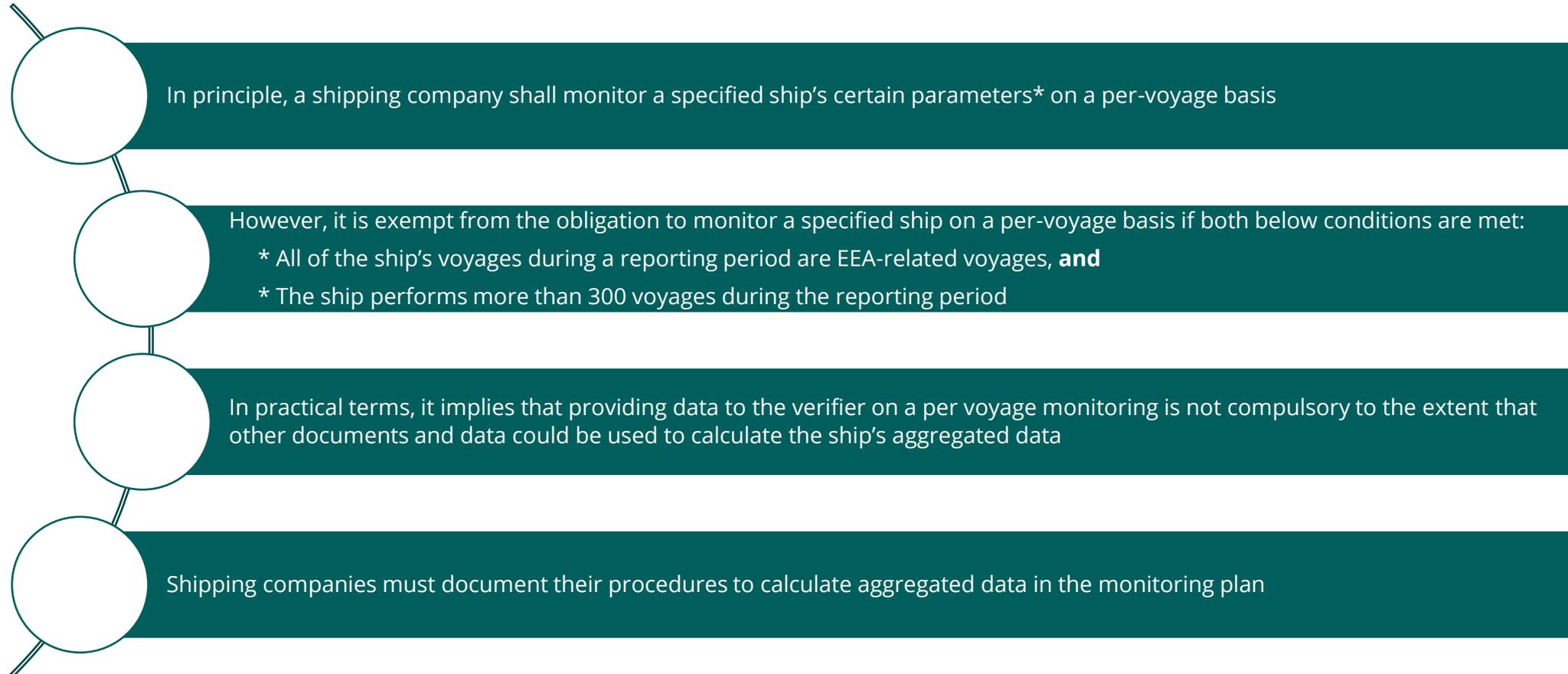
Emissions from 15 to 31 December 2024 shall **not**  
be reported as part of the 2025 emission report

Emissions from 1 January to 15 March 2025 shall  
be reported as part of the 2025 emission report

***A reporting period is from 1 January to 31 December of any given calendar year***



# Derogation from monitoring on per-voyage basis



*\*Certain parameters: port of departure and port of arrival including the date and hour of departure and arrival, amount and emission factor for each type of fuel consumed in total, greenhouse gas emitted, distance travelled, time spent at sea, cargo carried, transport work*



# Links and resources



Guides: [EU emissions trading system and registry - Norwegian Environment Agency](#)

Questions to Norwegian Environment Agency: Go to the section "Can't find an answer to your question" [EU emissions trading system and registry - Norwegian Environment Agency](#)



# Where to direct questions to us regarding MRV and EU ETS

- Go to «Emissions trading system»
- Click «Can't find an answer to your question?» and follow guide below

[Can't find an answer to your question?](#) ×

What's the request about?

Your question\*

Can you find the answer below?

When you type your question, we will search and display our most relevant articles. If you still can't find the answer here, you can send us an inquiry by clicking the button below.

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**Can't find an answer to your question?**

Click the button below and fill in the missing information. Our case officers at the Norwegian Environment Agency will follow up with you.

[Send an inquiry](#)

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What's the request about?

Subject\*

Your question\*

[Add files](#)

No files attached

Request category\*

EU Emissions Trading System (EU ETS) ▾

Request subcategory\*

Maritime Transport ▾

# Links and resources



Guides: [EU emissions trading system and registry - Norwegian Environment Agency](#)

Questions to Norwegian Environment Agency: Go to the section "Can't find an answer to your question" [EU emissions trading system and registry - Norwegian Environment Agency](#)



FAQ MRV: [FAQ - Monitoring, reporting and verification of maritime transport emissions - European Commission](#)

General guidance for shipping companies: [31875b4f-39b9-4cde-a4e2-fbb8f65ee703\\_en](#)



THETIS-MRV: [Reducing GHG emissions - MRV Regulation - EMSA - European Maritime Safety Agency](#)

Questions related to THETIS-MRV: [maritimesupportservices@emsa.europa.eu](mailto:maritimesupportservices@emsa.europa.eu)



Accredited verifier: [Directory of EA Members and MLA signatories - European Accreditation](#)



Thank you for your attention!  
Questions?





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