

WHAT ARE THE BENEFITS?

THETIS-MRV is an integrated web-based automated reporting and notification system that allows the publication of reliable data on ships' CO₂ emissions and other relevant information. The system offers:

- A harmonised approach among all interested parties companies, verifiers, Flag States & European Commission
- Control of the workflow process from drafting the Monitoring Plan to issuing the Document of Compliance
- The possibility to fulfil obligations with reduced administrative burden
- Added value in managing resources to collect and process information.

HOW TO USE THETIS-MRV

THETIS-MRV application:

<https://mrv.emsa.europa.eu>

Training material (including video tutorials):

<http://emsa.europa.eu/ship-inspection-support/thetis-mrv.html>

OTHER USEFUL LINKS

For additional information, see:

https://ec.europa.eu/clima/policies/transport/shipping_en
(DG CLIMA)

For queries, please contact:

CLIMA-MRV-SHIPPING-HELPDESK@ec.europa.eu

(if related to the regulatory framework)

thetis@emsa.europa.eu

(if related to the THETIS-MRV system)



THETIS-MRV

emsa.europa.eu

SUPPORTING MONITORING

REPORTING & VERIFICATION

OF CO₂ EMISSIONS

**INFORMATION FOR STATE AUTHORITIES,
COMPANIES AND ACCREDITED
VERIFIERS ON THE WEB-BASED
APPLICATION SUPPORTING
REGULATION (EU) 2015/757**

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European Maritime Safety Agency (EMSA)
Praça Europa 4 / 1249-206 Lisbon / Portugal

NEW LEGAL REQUIREMENT

The MRV Shipping Regulation adopted in April 2015 creates an EU-wide legal framework for the monitoring, reporting and verification of CO₂ emissions and other relevant information from maritime transport. In a nutshell, it requires large ships (over 5000 gross tonnes), irrespective of their Flag State or where the company is registered, calling at European ports from 1 January 2018, to monitor their CO₂ emissions and other relevant information on journeys to, from and between ports of call.

KEY DATES

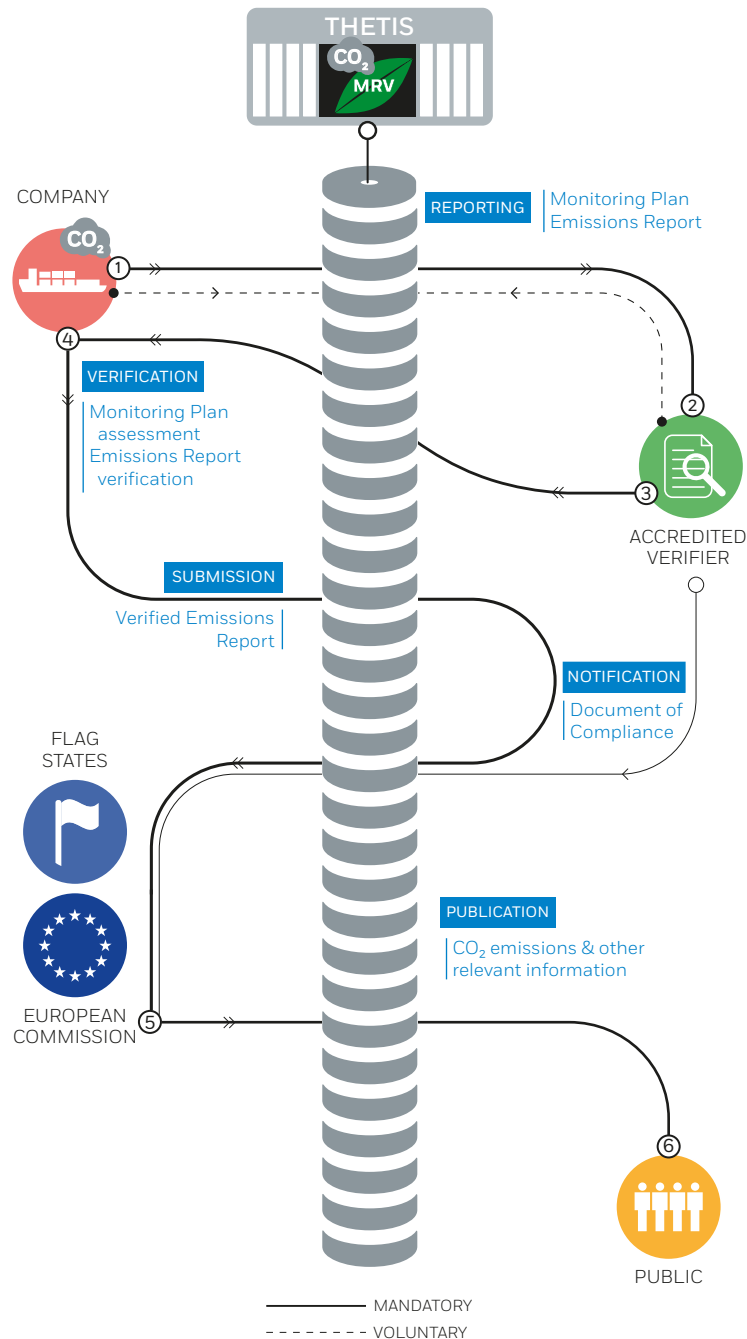
- By 31 August 2017, a company shall submit a Monitoring Plan to an accredited EU MRV shipping verifier
- From 1 January 2018, a company shall monitor and report, to an accredited verifier, data on each ship's CO₂ emissions and other relevant information
- From 2019, by 30 April each year, a company shall submit a verified Emissions Report for each of the ships concerned to the European Commission
- From 2019, by 30 June of each year, all ships having performed activities in the preceding reporting period and visiting EU ports shall carry on board a Document of Compliance issued by an accredited verifier. This might be subject to inspections by Member State authorities.

MEET THE SYSTEM

The "Automated Union Information System" THETIS-MRV and its templates (Monitoring Plan, Emissions Report and Document of Compliance) have been developed, using a modularity concept that caters for both voluntary and mandatory modules to report information, as per Implementing Regulation (EU) 2016/1927.

To access this system one should be either: a company (shipowner/operator), accredited verifier or Member State/Flag State.

THE SYSTEM WORKFLOW



System Modularity - Mandatory & Voluntary

- Mandatory: Emissions Report (ER) & Document of Compliance (DoC)
- Voluntary (in dashed lines): Companies may build their Monitoring Plan (MP) while the system makes it available for verifier assessment. This template contains all the required information as per the implementing regulation.

All submissions and notifications as required by the EU MRV Regulation can be fulfilled by using the THETIS-MRV system.

Using the information submitted, the European Commission will publish annual aggregated data per ship covering fuel consumption, CO₂ emissions and average energy efficiency indicators, among others.

