

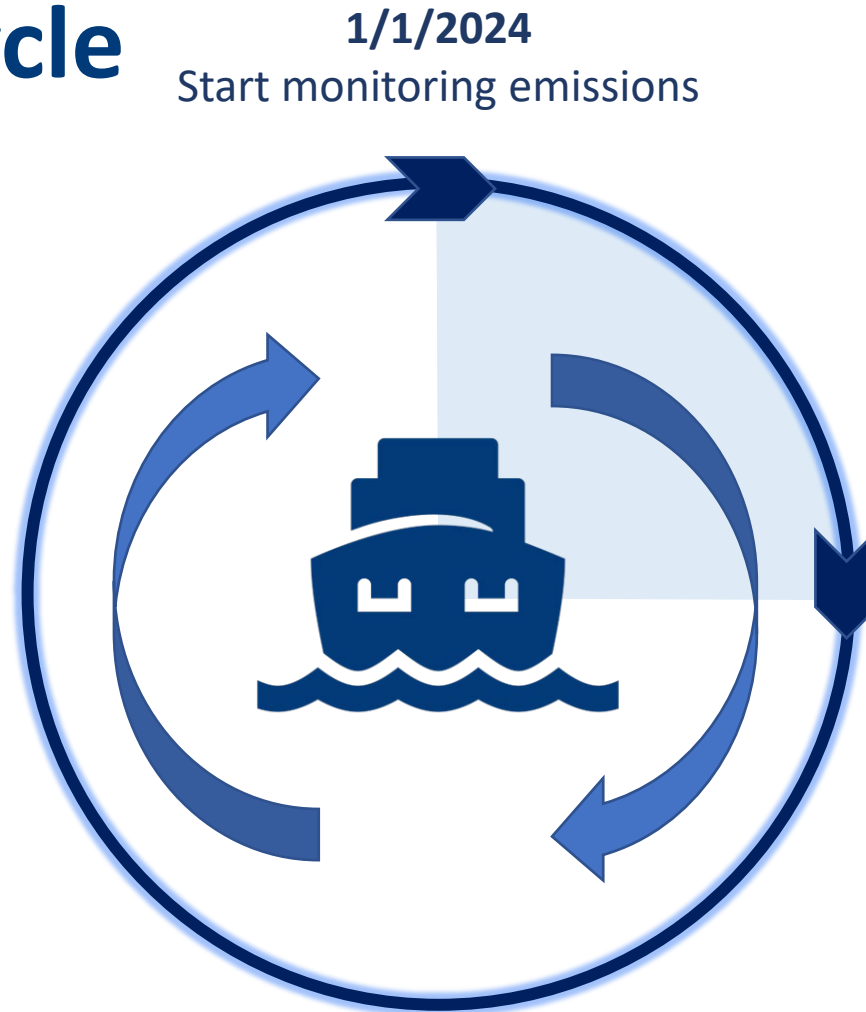


# EU ETS Maritime

## 5. Monitoring plan

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# Compliance cycle



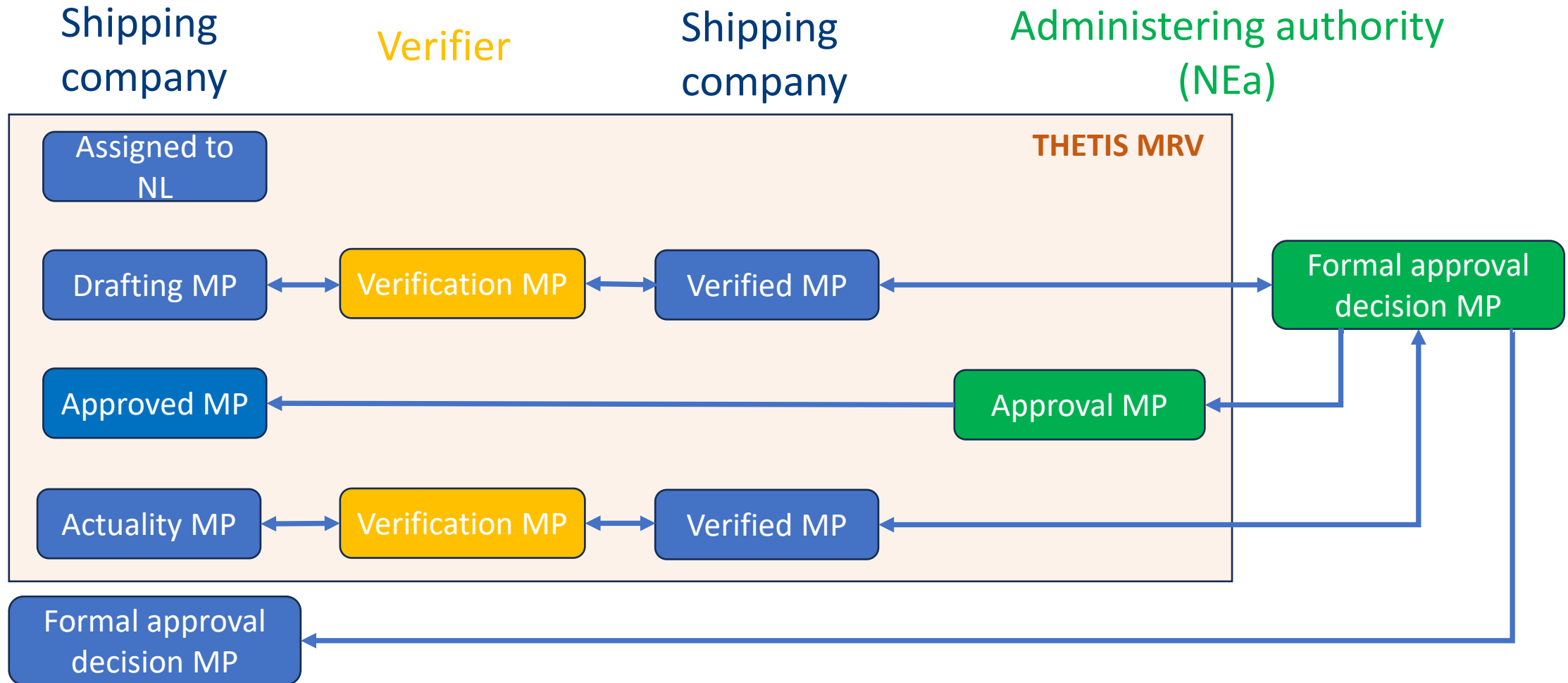
## First actions:

- Decision on responsible entity
- Register in THETIS-MRV
- Draft / edit MP per ship
- Contract accredited verifier

1/4/2024

- Submit verified monitoring plan(s)
  - Request for MOHA

# Responsibilities in Monitoring plan process





# What is a monitoring plan (MP)?

- Basis for monitoring ship emissions
- Correct emissions data
- Transparency on emissions data

# What should be in the MP?

- A. Revision sheet
- B. Basic data
- C. Activity data
- D. Data gaps
- E. Management
- F. Further information
  - Mandatory and voluntary fields

## B. Basic data

- Company: no third parties
- Contact person
- New:
  - Slippage coefficients (related to LNG)
  - Carbon capture and storage
  - Procedures emission factors
  - Procedure CO<sub>2</sub>-emission factor biofuels

## C. Activity data

- Monitoring of fuel consumption
- List of voyages
- Distance traveled
- Amount of cargo/passengers
- Time spent at sea



## D. Data gaps

- Alternative methods to close potential data gaps
  - Fuel consumption and GHG emissions
  - Distance traveled
  - Cargo/persons carried
  - Time spent at sea

# E. Management

- Procedures
- New:
  - Procedures for data flow activities
  - Procedures for risk assessment

# How do I draft the MP?

- THETIS-MRV
- XML file



- One MP per ship
- Language: verified MP in (or translated to) English
- Deadline: 1st April 2024\*
  - Ships entering EEA for the first time: submit MP within 3 months.

# How do I have the MP verified?

- Contract verifier
- Add verifier to THETIS-MRV
- Submit MP to verifier via THETIS-MRV

The screenshot shows the THETIS-MRV web interface. At the top, there is a navigation bar with the EMSA logo and menu items: MY FLEET, CONFIG, and SUPPORT. On the right, it says 'Welcome Jack Mariner' and 'Company, Config Administrator, ver 6.2.0' with a 'Menu' dropdown and a 'Logout' button. Below the navigation bar, there is a secondary menu with buttons: MyFleet, Ship, Monitoring Plan, Emission Report (with a dropdown arrow), **Submit to Verifier** (circled in red), Submit to Admin Authority, Revise plan, Revalidate, Print to PDF, and Data history. The main content area displays details for a Monitoring Plan (MP) for ship SHIPEX NO1. The details include: IMO 7389845, Ship type Chemical tanker, Name SHIPEX NO1, Flag Nauru, Company Oceanix, Verifier Verifier Sarah, and MP status Draft. Below this, there is a grid of tabs for different data categories: MP particulars, Ship, Company, Measuring equipment, Emission sources, Fuel tanks, Fuel types and EF, Fuel consump., CCS and CCU, Navigation, Cargo, Control activities, Further info., Non conformities, MP revision, and Docs. At the bottom, there are fields for 'Creation date' (01-03-2024) and 'Monitoring plan status' (Draft), and 'Date of first submission to Verifier' and 'Date of first submission to AA'. An 'Edit' button is located at the bottom left.

# How do I submit the verified MP?

- Via THETIS-MRV
- Deadline: 1st April 2024 \*

The screenshot shows the THETIS-MRV interface. At the top, there is a navigation bar with 'EMSA THETIS-MRV', 'MY FLEET', 'CONFIG', and 'SUPPORT'. On the right, it says 'Welcome Jack Mariner, Company, Config Administrator, ver 6.2.0' with 'Menu' and 'Logout' buttons. Below this is a secondary navigation bar with buttons for 'MyFleet', 'Ship', 'Monitoring Plan', 'Emission Report', 'Submit to Verifier', 'Submit to Admin Authority' (circled in red), 'Revise plan', 'Revalidate', 'Print to PDF', and 'Data history'. The main content area displays details for a Monitoring Plan (MP) for ship 'SHIPEX NO1' (IMO 7389845, Chemical tanker, Nauru flag, Oceanix company, Verifier Sarah). The MP status is 'Draft'. Below the details is a table with columns for 'MP particulars', 'Ship', 'Company', 'Measuring equipment', 'Emission sources', 'Fuel tanks', 'Fuel types and EF', 'Fuel consump.', 'CCS and CCU', 'Navigation', 'Cargo', 'Control activities', 'Further info.', 'Non conformities', 'MP revision', and 'Docs'. At the bottom, there are fields for 'Creation date' (01-03-2024) and 'Monitoring plan status' (Draft), and 'Date of first submission to Verifier' and 'Date of first submission to AA'. An 'Edit' button is visible at the bottom left.

# What happens after I submit the MP to the NEa?

- NEa will check the MP
- Either:
  - Ask for additional information
  - Approve the MP
- Approval letter



# When should I update the MP?

Check at least once a year:

- Ship changes company
- New emissions (sources & fuels)
- Data availability changes
- When method leads to incorrect data
- Non-conformities

# What are the first steps I should take for the MP?

## TO DO list:

- Contract verifier
- Complete information in THETIS-MRV
- Draft monitoring plan
- Submit monitoring plan to verifier
- Submit verified monitoring plan to NEa