Preparing for FuelEU Maritime Regulation

General overview

FuelEU Project Team

Lisbon, 04 June 2024
Agenda

• **Timeline**
  • Secondary legislation
  • THETIS MRV Functionalities
  • Communication activities

• **FuelEU Database ecosystem**

• **FuelEU process**
FuelEU Timeline

Key milestones

2023

- Set FEUM published
- Inclusion of WtT EF and other GHG

2024

- June SL FEUM
- FEUM Integration
- MP
- FEUM RP

2025

- Aug MP deadline
- Attribution Companies MS
- Additional checks report

2026

- Partial FEUM RP
- Attribution Companies MS
- FEUM RP
- FM CB
- DOC
- Additional checks report

Legislation and deadlines

THETIS MRV Enhancements

Communication activities

- THETIS MRV Enhancements
- Communication activities

FEUM – FuelEU Maritime Regulation
SL – Secondary legislation
MP – Monitoring Plan
RP – Report
FM – Flexibility Mechanism
CB – Compliance Balance
MS – member states
WtT – Well-to-tank
DoC – Document of Compliance
FuelEU Database ecosysteem

Inspection DB for Member States
Enforcement, Targeting, Priority, Alerts

GHG Reporting DB for Shipping Companies

THETIS

THETIS MRV

Ships Monitoring and Reporting\(^1,2\)
Company reporting\(^1\)
Compliance Balance\(^2\)
Flexibility mechanisms\(^2\)
Penalties\(^2\)
DoC\(^1,2\)
Additional Checks by competent Authority\(^2\)

THETIS EU

Inspections reports\(^1,2\)
Expulsion Orders\(^2\)

1 - MRV/ETS
2 - FuelEU

MNSW, CLD, EMSWe....

OPS reporting
THETIS-MRV Users

KEY PLAYERS and new roles

- **New definition:**
  - Ship Owner
  - ISM Company

- **Roles:**
  - Administering Authority
  - Flag
  - Administering State
  - Competent Authority Port of call
  - NAB

EMSA - SYSTEM ADMINISTRATOR

MEMBER STATES

PUBLIC

COMPANY

VERIFIER

FEUM

MRV/ETS
Monitoring and reporting cycle

**MRV / ETS**

**Monitoring and Reporting ship level**
- Monitoring Plan
- Reporting Data
- Verification

**Reporting Company Level**
- Reporting aggregated Data
- Verification

**Union Registry**
- Surrendering allowances

**THETIS MRV**

**Monitoring and Reporting ship level**
- Monitoring Plan
- Reporting Data
- Verification and calculation

**Flexibility Mechanism**
- Ship Compliance Balance
- Ship's Pooling
- Banking / Borrowing compliance surplus
- Verified Ship Compliance Balance

**Remedial Penalties**
- Payment of penalties if needed

**FEUM**

**DoC**
FuelEU process

**PROCESS OVERVIEW**

**COMPANY**

- **SHIP MONITORING PLAN (MP)**
  - Produces FEU RP
  - Verifies FEU RP

**VERIFIER**

- **MP Assessment**
  - Verifies FEU RP
  - Calculates GHG Int & CB
  - Notifies GHG Int & CB
  - Approval Issues VCB

**MEMBER STATE**

- /ADM. STATE
- /CA Port of Call
- /FLAG
  - Companies Attribution List to AS
  - Compliance & Enforcement
  - Penalties
  - Issues DoC
  - Targeted Additional Checks

**FuelEU Reporting Period**

- Year N-1
- Year N
- Year N+1

**FuelEU Verification Period**

- Year N+2 and N+3

**Actions**

- Issues VCB
- Issues DoC
- Pays Penalties
- Calculations GHG Int & CB
- Approval Issues VCB
- Notifies GHG Int & CB
- Calculates GHG Int & CB
- Verifies FEU RP
- Produces FEU RP
- Ship energy monitoring
- Ship monitoring
- MP Assessment
Follow our activities on social media:

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Thank you!