

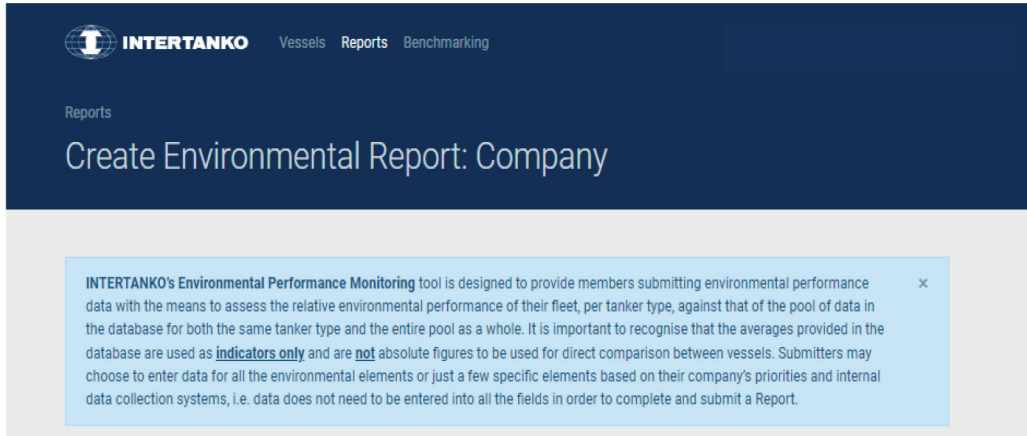


**INTERTANKO**

**TWENTY  
24**

# **Environmental Performance and Monitoring Database (EPMD) Step-by-Step User Guide**

V1 Jan 2024



Does the company subscribe to any environmentally related standards or initiatives?

\*

Yes

The Does the company subscribe to any environmentally related standards or initiatives? field is required.

**Type**  
More than one initiative may be selected. Please contact [environment@intertanko.com](mailto:environment@intertanko.com) to propose any additional initiatives not included in this list.

Environmental, Social and Governance (ESG) Policy

Poseidon Principles


Tanker Type \*

LNG

The Tanker Type field is required.

Members are encouraged to insert data for the different tanker types within their fleet using the drop down menu provided. Providing information on tanker types will allow better comparisons of data

Number of Tankers at end of reporting period \*



The Number of Tankers at end of reporting period field is required.

Reporting Period \*

01 Jan 2023 - 30 Jun 2023

The Reporting Period field is required.  
Please select the reporting period from the drop down menu for the data being entered

Environmental deficiencies per internal audit (DPI Internal)


DPI - Deficiencies Per Inspection

Environmental deficiencies per external audit (DPI External)

DPI - Deficiencies Per Inspection

This introductory section enables you to enter basic company information.

These questions are whole number answers or from a selection of options via drop-down boxes.

Throughout this document, any box marked with an:  will require a whole number and not a decimal.

## Section A. Air Emissions

### A. Air Emissions

<p>Emitted mass of CO<sub>2</sub></p> <input type="text"/> <p>t</p> <p>Insert the average amount of CO<sub>2</sub> emitted in tons per tanker in the survey <a href="#">View conversion factors</a></p>	<p>Average EEOI per tanker</p> <input type="text"/> <p>Insert the average EEOI per tanker for the time period selected <a href="#">Important notice on EEOI benchmarking</a></p>	<p>Emitted mass of NO<sub>x</sub></p> <input type="text"/> <p>t</p> <p>Insert the total amount of NO<sub>x</sub> emitted in tons by the tankers in the survey. NO<sub>x</sub> emission figures in tons may be derived from direct measurement or theoretically calculated using the NO<sub>x</sub> Technical Code or similar methodology, i.e. using specific NO<sub>x</sub> emissions as per the EIAPPC (g/kWh), specific fuel consumption (g/kWh) and actual fuel consumption for the period specified.</p>
<p>Emitted mass of SO<sub>x</sub></p> <input type="text"/> <p>t</p> <p>Insert the total amount of SO<sub>x</sub> emitted in tons by the tankers in the survey.</p>		

### Refrigerant Gasses

Percentage refrigerant gas leakage

Average of the consumption of gas versus the capacity of the system per vessel

Type	<input type="button" value="+"/>
<input type="text" value="Please select..."/>	<input type="button" value="-"/>

## Section B. Pollution Prevention

### B. Pollution Prevention

<p>Contained spills</p> <input type="text"/> <p>Number of contained spills of bulk liquid (per reporting period). Minimum threshold for recording a spill = 1 barrel/0.1364m<sup>3</sup>.</p>	<p>Pollution at sea: number of releases</p> <input type="text"/> <p>Number of incidents (per reporting period). No minimum threshold.</p>	<p>Pollution at sea: estimated aggregated volume (m<sup>3</sup>)</p> <input type="text"/>
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## Section C. Waste Management

This section will require all entries to be full numbers (not in decimals). The field will present itself as XX.00 in the final report and refers to the Totals in the Waste Management Categories below. You will see that this has also been identified by the INTERTANKO logo on each entry.

Please refer to the latest *INTERTANKO Guidance on Waste Management for Tankers*.

### C. Waste Management

Please refer to the latest edition of INTERTANKO's *Guidance on Waste Management for Tankers*

Number of vessels with compactors installed



Insert the total number of vessels with compactors installed.

#### Category A - Plastics

Total landed ashore



m<sup>3</sup>

Total incinerated



m<sup>3</sup>

#### Category B - Food waste

Total disposed at sea



m<sup>3</sup>

Total landed ashore



m<sup>3</sup>

Total incinerated



m<sup>3</sup>

#### Category C - Domestic Waste

Total landed ashore



m<sup>3</sup>

Total incinerated



m<sup>3</sup>

#### Category D - Cooking oil

Please refer to INTERTANKO's *Options for the Management of Used Cooking Oil on Tankers*.

Total landed ashore



m<sup>3</sup>

Total incinerated



m<sup>3</sup>

#### Category E - Incinerator ash

Total landed ashore



m<sup>3</sup>

#### Category F - Operational wastes

Please reference INTERTANKO's *Options for the Management of Boiler/Economiser Washdown Water on Tankers*.

Total landed ashore



m<sup>3</sup>

Total incinerated



m<sup>3</sup>

#### Category I - E-waste

Total landed ashore



m<sup>3</sup>

## Sludge

Total landed ashore

Total incinerated

Average quantity of sludge generated

Produced per day per vessel.

## Bilge Water

Total oily bilge water discharged through the OWS

Total oily bilge water landed to shore reception facility

[Important notice on bilge water production benchmarking](#)

## Section D. Other Environmental Items

### D. Other Environmental Items

#### Ship Recycling

Type	Number	
Please select...	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>

Number of vessels with an Inventory of Hazardous Materials (IHM):

- SOC » Class issued Statement of Compliance
- EU SRR » European Union Ship Recycling Regulation
- HKC » Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships.

#### Hull Management

Please refer to INTERTANKO's Guide to Modern Anti-fouling Systems and Biofouling Management.

Total number of propeller cleanings

Provide the total number of propeller cleanings in the reporting period for the fleet entered

Total number of hull cleans

Provide the total number of hull cleanings for the fleet entered. An average will be generated for the entire INTERTANKO fleet.

#### Antifouling Systems

Type	Number	
Please select...	<input type="text"/>	<input type="button" value="+"/> <input type="button" value="-"/>

#### Greywater and Blackwater (Sewage)

Number of vessels that have a sewage treatment plant

Number of vessels that have a sewage holding tank(s)

Number of vessels using aft-peak tank (APT) as a sewage holding tank

Number of vessels that have a greywater holding tank(s)

Number of vessels using aft-peak tank (APT) as a greywater holding tank

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