



ABS MYFREEDOM™ CLIENT PORTAL

EU ETS Calculator

Step-by-step instructions to help you stay current on the **EU Emissions Trading System**.

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How to Calculate EU ETS

The Purpose of this calculator is to estimate the compliance cost in the context of **EU Emissions Trading System (EU ETS)** based on the existing verified **EU MRV** data of years 2018, 2019, 2020, 2021, 2022 and 2023.

What is EU ETS

The **EU ETS** is a cap-and-trade system aimed at reducing greenhouse gas emissions, as part of the EU's "Fit for 55" Package. Starting in 2025, shipping companies will be required to surrender sufficient **EU emission allowances (EUAs)** based on the **EU monitoring, reporting, and verification (MRV)** data from the previous year.



How is the Total Cost Calculated

The compliance cost is calculated based on the latest EUA spot price, at the **current date, current price EUR per ton CO2e** and a vessel's **EU taxed emissions** as quantified in the MRV for the year.



How to Calculate the EU ETS

- 1 **Login to ABS MYFREEDOM™ CLIENT PORTAL.**
- 2 Select **EU ETS Calculator** under **Compliance** from the **Tools & Apps** drop-down options.



3 The **EU ETS Calculator** displayed in a new tab.

EU ETS Calculator

Enter the vessel's IMO number (comma separated for multiple IMO numbers) and the reporting year.

Year ▼

Submit

Example: 9101010, 9202020, 9303030

EU Taxed CO ₂ [tn]	0	€ EU ETS Cost
Total Fuel [tn]	0	
Total CO ₂ [tn]	0	

Calculate

4	Enter the IMO Number .
5	You can enter multiple IMO Numbers. (For multiple IMOs each one shall be comma separated.)
6	Choose the reporting Year (the year for the verified EU MRV data).
7	Click on Submit button.

EU ETS Calculator

Enter the vessel's IMO number (comma separated for multiple IMO numbers) and the reporting year.

4

Enter vessel's IMO number
Example: 9101010,9202020,9303030

6

2022

7

Submit

7

- 8 You can remove the IMO number by clicking the **X** sign.
- 9 Click on the **Calculate** button.
- 10 You can calculate the compliance cost for different years, by changing the “Year” field and clicking Calculate again.

The **EUR EU ETS Compliance Cost** is calculated, along with **EU Taxed CO₂** emissions, and the total fuel consumed, and **Total CO₂** generated of the **EU MRV Year**. Having calculated the cost, an additional button pops up, **EU ETS Report** button which you can click on to download the more detailed **EU ETS Report** one pager, where each page is showing in more detail how the estimated **EU ETS compliance Cost** is calculated.

- 11 Click on the **EU ETS Report** to download.

EU ETS Calculator

Enter the vessel's IMO number (comma separated for multiple IMO numbers) and the reporting year.

Enter vessel's IMO number

2022 ▼

Submit

Example: 9101010,9202020,9303030

X

You can remove the IMO number by clicking the X sign

EU Taxed CO ₂ [tn]	6,987	€ EU ETS Cost 509,352
Total Fuel [tn]	3,549	
Total CO ₂ [tn]	11,236	

Calculate

EU ETS Report

Additional Note

A fast and efficient way to enter multiple IMOs, comma separated is the following:

- Assuming that you have multiple IMOs already placed in an excel spreadsheet, column wisely.
- The whole column can be converted to be a string with comma separated values, based on the following formula:

$$= \text{CONCATENATE}(\text{TRANSPOSE}(A_{\text{begin}}: A_{\text{end}}), ",")$$

Where A_{begin} and A_{end} are the first and the last cell of IMOs' list assuming that IMOs are placed in column A (in the following example $A_{\text{begin}} = A1$ and $A_{\text{end}} = A6$).

	A	B	C	D	E	F	G	H
1	IMO_1		IMO_1,	IMO_2,	IMO_3,	IMO_4,	IMO_5,	IMO_6,
2	IMO_2							
3	IMO_3							
4	IMO_4							
5	IMO_5							
6	IMO_6							