CO2 footprint
on SoftMetal

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SoftMetal platform gives the possibility for all its users and traders to consider and accountably track the value and cost of reduction of carbon footprint of ferrochrome in the price when making negotiating or making an offer or a deal. Moreover, the user can define its desired target of the carbon footprint and get verifiable statistic of the average prices for such target compared to general average prices.

The carbon footprint of ferrochrome defines how many tons of CO_2 emitted when smelting chrome ore to produce ferrochrome (mt of CO_2 / mt of FeCr)

Simplified parameters

Sellers have the opportunity to disclose the carbon footprint arising from the production of their material, subject of confirmation by the documents tracking their CO_2 emissions within best available practice of CO_2 emissions certification.

Buyers can choose a range of carbon emissions of the available material according to their own targets and see how potential purchase price will depend on the CO_2 level they want to set up. Buyers and sellers negotiate market price for greener ferrochrome via transparent market mechanism. Thus the market price for lower CO_2 footprint can be established.

Producers get the verifiable premium and are able to economically justify the costs of their efforts to reduce the carbon footprint.

Consumers can negotiate taking into account value-in-use for lower CO_2 footprint and choose the best option available on the market. Furthermore they can trace back their CO_2 exposure and evaluate the cost to reduce carbon footprint. Equally they can provide information on the CO_2 footprint reduction cost in the procurement to their customers.
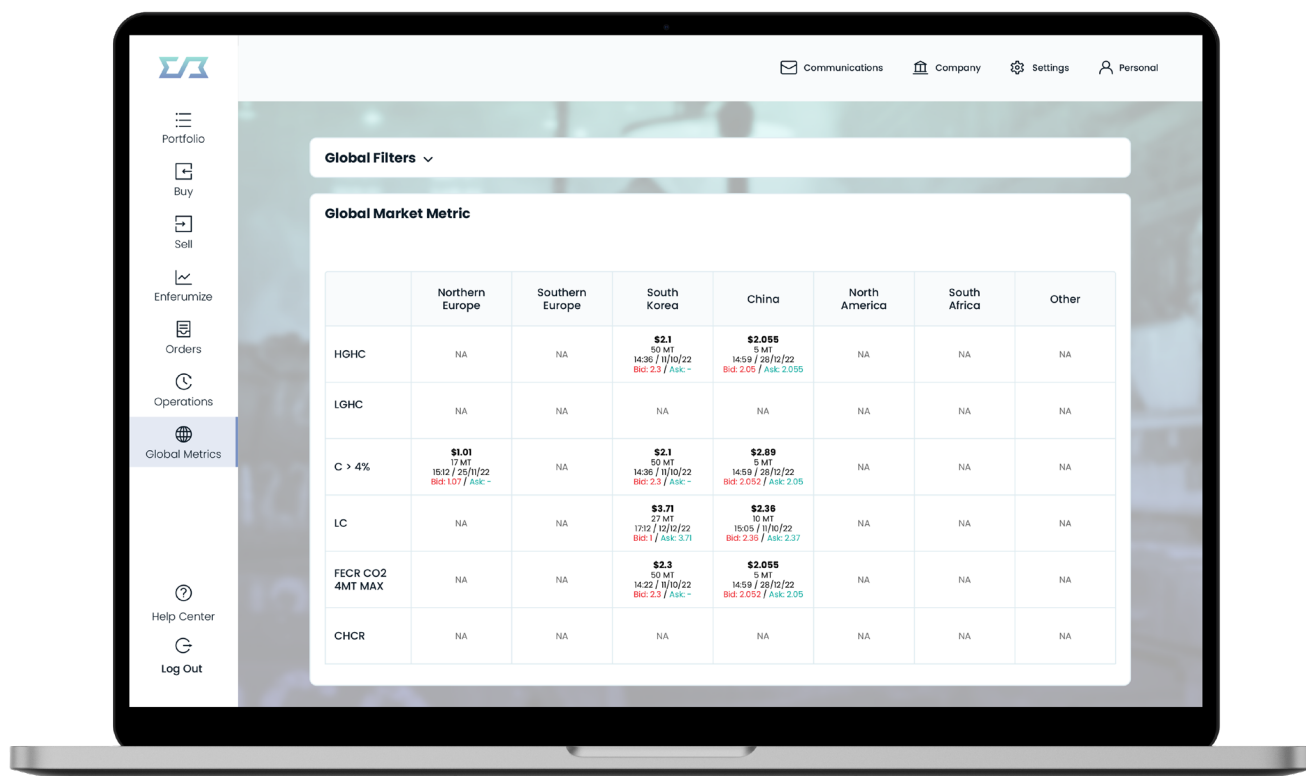

Fig 1. Showcasing Global metrics with a filter on CO2 footprint