

Semantic Interoperability

30th November 2023
EU Logistics Festival



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SFC's mission: decarbonize the freight sector

...by creating standards, fostering collaboration and educating our members!

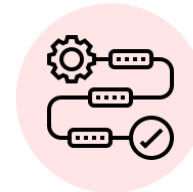
We **guide** the global logistics industry to track and reduce its GHG emissions to



We have published a **methodology** which is now an ISO standard and is also the **backbone** of CSRD and CountEmissions.EU

We **collaborate** with our global partners to quantify impact, enable emissions monitoring and fast-track logistics decarbonization strategies

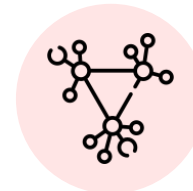
We **do that** by leading participatory projects where the industry can convene, debate and reach consensus



We are testing **methodologies** on calculation and allocation of logistics GHG emissions on transport legs & shipment level.



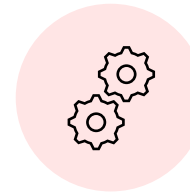
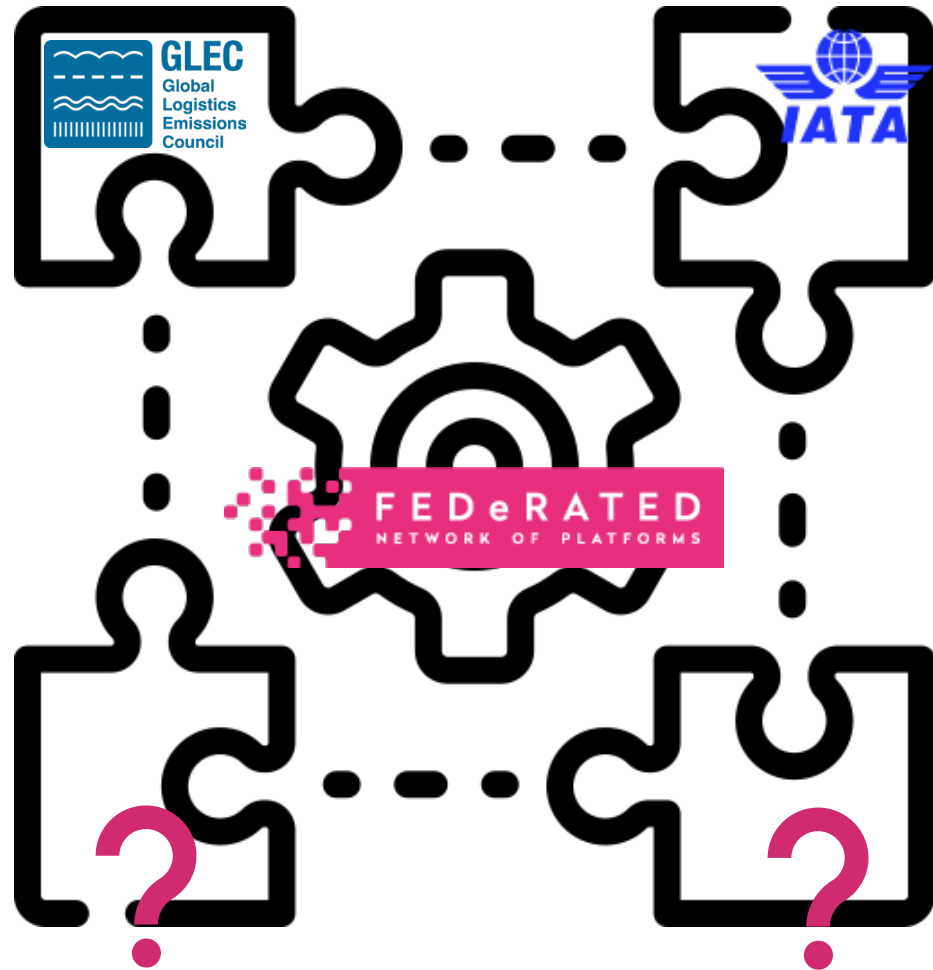
We are a **neutral party** allowing for knowledge sharing on carbon accounting & activating the industry to act!



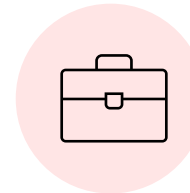
We work on **semantics & technologies** to promote interoperability between datasets and empower the stakeholders to create GHG emissions transparency!

It's all about semantics...

What have we accomplished and the way forward...



Our data model is framed **ex-post** for the calculation of logistics emissions on leg & fleet level per ISO14083. It is complementing the event-based FEDeRATED ontology.



Practical application of our semantics are the **use cases** of multi-modal emissions accounting, reporting and we are working towards B2G.



EU legislations are moving towards incentivizing increased data quality & transparency. This calls for cross-sector interoperable data standards.