## Frequently Asked Questions (FAQ)

**Why do I need it?**

As more policy makers, industry leaders and end consumers are Increasing awareness of low-carbon lifestyle globally, CALISTA's Carbon Footprint Calculator empowers you with a tool to calculate your logistic emission, and to support you making greener decisions in supply chain management. Together, we can accelerate the global shift towards a cleaner carbon net-zero economy.

**How does the calculator work?**

There are four simple steps for user to obtain the emission result: confirm cargo type; select origin & destination, and the transportation type.

**What's the methodology used?**

CALISTA's Carbon Footprint Calculator is powered by EcoTransIT World. The methodology which developed by a group of respective research institutes, is well recognized in the industry and GLEC-compliant.

## Glossary

**CO²e or Carbon dioxide equivalent:** the common unit used to represent the global warming impact of all GHG's as required by the main standards such as the GHG Protocol, the European Norm EN16258 and the GLEC Framework.

**ECA or Emission Control Area:** Special shipping zones established by the IMO in which specific environmental directives on emissions apply

**GHG or Greenhouse Gas:** A gas that absorbs and emits radiant energy within the thermal infrared range, causing the greenhouse effect. Carbon dioxide ($CO_2$) is the main anthropogenic GHG produced by human activities through the burning of fossil fuels.

**GIS or Geo- information system:** a conceptualized framework that provides the ability to capture and analyse spatial and geographic data.

**GLEC Framework:** The global method for harmonized calculation and reporting of logistics emissions across the multi-modal supply chain. It can be implemented by shippers, carriers, and logistics service providers.

**TTW or Tank-to-wheel:** Energy consumption and emissions of the vehicle

**WTT or Well-to-tank:** Energy consumption and emissions to supply fuel or electricity

**WTW or Well-to-wheel:** Energy consumption and emissions of a vehicle including the provision of its fuel