Join the 2021 market study on energy efficiency and GHG emission intensity values for logistics sites

- Objective
  - Identify main influencing parameters on energy efficiency and GHG emissions at sites
  - Elaborate average GHG emissions intensity values for sites
- Companies are invited to answer questionnaires for (1) transhipment sites / warehouses or (2) terminals
- Participating companies receive their individual results, information on average values and overall outcomes of the study
- Results reflect ongoing international discussion (e.g. ISO 14083)

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"Very little data is available on GHG emissions from the buildings and terminals in which goods are stored, handled and transhipped."
Alan McKinnon – Decarbonizing Logistics – 2018

GILA

Let's overcome this gap!

Contact
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Study on energy efficiency and GHG emission intensity values for logistics sites

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General approach → **Detailed approach**

average ambient or refrigerated transhipment site / warehouse, container terminal, …

differentiation of sectors, services or other relevant influencing factors to be identified

- Approach: Excel based questionnaires for
  (1) Transhipment sites & warehouses
  (2) Terminals

Survey with global scope, available in English, German, Italian and Spanish

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GHG - greenhouse gases

Study on energy efficiency and GHG emission intensity values for logistics sites

- All companies operating logistics sites (e.g. transhipment sites, warehouses, terminals) are invited to participate in the survey.
- Three contact points: in Italy, Germany and Colombia
- Dissemination May/June 2021 for data collection for a representative year*
- All confidential information stays with the chosen contact point of GILA
- Analysis of the data
  - Consortium elaborates average values (general approach) & concept for future more detailed analyses
  - Participating company receives carbon footprint for its site(s)
  - Publication of set of average values as e.g. benchmark or to be used in carbon accounting tools, standards or if data on sites is lacking in supply chain quantifications

Green Router
POLITECNICO MILANO 1863
Italy

Fraunhofer IML
Germany

Universidad de los Andes
Colombia

GILA

* due to the global pandemic situation this may be 2019 or 2020

German, Italian & Latin American consortium for resource efficient logistics hubs & transport

Project duration
07 / 2020 – 07 / 2023

Project lead
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The GILA project is designed to contribute to global efforts in reducing the environmental impact of logistics sites.

It addresses two main areas of research:

(1) Best practices & future requirements, services and concepts for sustainable logistics sites within an energy & resource efficient transport chain

(2) Methodological framework for describing detailed the environmental performance of logistics sites

The work is performed collaboratively by 10 international partners.

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