

# CountEmissions EU

Common EU framework for greenhouse gas emissions accounting in transport and logistics

# GHG emissions accounting: context

Transport – the only sector showing an **increase in total emissions** compared to 1990 level

Need to **improve the efficiency** of transport services and lowering associated emissions

A method to **generate and share GHG emissions data** from transport operations

**Providing incentives** for transport operators, users and customers

**Full comparability and consistency of results** required

Transport **services level**

**Door-to-door multimodal** transport chain

**Level playing field** between the modes

**Harmonised, specific and detailed methodological framework is needed**

# Harmonisation of GHG accounting in transport

2012 CEN EN16258: the methodology for calculation and declaration of energy consumption and GHG emissions of transport services

2011 - 2014 COFRET FP-7 EU project: inventory, review and gap analysis of existing carbon footprint methodologies

2013 - 2014 EC study: state of the art in the field of carbon accounting and preliminary set of possible policy options

2014 - ..... GLEC: industry platform for a global methodology for calculating freight emissions in the multi-modal supply chains

2016 - 2019 LEARN H2020 EU project: technical aspects and policy recommendations for the GHG accounting

2020 – 2022 ISO/CD 14083: Quantification and reporting of greenhouse gas emissions arising from operations of transport chains

# A new EU initiative: CountEmissions EU

To provide a **common framework** for calculating GHG emissions of transport operations in the freight and passenger transport sector



Multimodal door-to-door transport chain

Individual transport operations

Freight and passenger

No additional reporting obligations

# Policy Context

## 2011 White Paper on Transport

- Initiative No 29: harmonising carbon footprint practices and methodologies

## 2020 Sustainable and Smart Mobility Strategy

- Flagship 5, Action 33: EU framework for harmonised measurement of transport and logistics emissions

## 2021 Letter of Intent to the European Parliament

- Legislative proposal on an EU framework for harmonised measurement of transport and logistics emissions scheduled under the European Green Deal

## Commission Work Programme 2022

- EU framework for harmonised measurement of transport and logistics emissions

# CountEmissions EU: problem definition

## Main problem:

Information failure preventing companies, customers and passengers from monitoring and comparing fairly and accurately various transport service options with respect to their GHG emissions

## Problem drivers

Fragmentation of methodological approaches for GHG calculation and sharing in transport and logistics

Limited uptake of emissions accounting in everyday business practice

# CountEmissions EU: objectives

## General objective:

Incentivise the reduction of emissions from transport and logistics, through:

- establishing a level playing field for GHG emissions accounting in transport and logistics sectors,
- facilitating behavioural change.

## Specific objectives

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graph TD; A[Specific objectives] --> B[Providing a single EU framework for calculating GHG emissions data of transport services in freight and passenger sectors]; A --> C[Enabling the provision of reliable and comparable information on the GHG intensity of individual transport services]; A --> D[Facilitating the uptake of the GHG emissions accounting in business practice];
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Providing a single EU framework for calculating GHG emissions data of transport services in freight and passenger sectors

Enabling the provision of reliable and comparable information on the GHG intensity of individual transport services

Facilitating the uptake of the GHG emissions accounting in business practice

# Options: five horizontal dimensions

**The methodological framework**

**The need for implementation specifications in individual sectors**

**The verification regime**

**The technical support measures, such as software, calculators**

**The type of a policy instrument**



# Thank you

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