

Assessing CO₂ emissions

A new tool to mitigate climate change in
Inland transport



UNDA project
For Future Inland Transport Systems
ForFITS



UNITED NATIONS

How to assess inland transport CO₂ emissions?

Use the CO₂ emissions assessment tool for future inland transport systems - ForFITS.

This tool will provide a robust framework for analysing different scenarios for sustainable transport development and propose transport-policy strategies.

Main objectives of the project are:

- Raise awareness for CO₂ emissions from inland transport (road, rail and inland waterways)
- Develop ForFITS, a web-based tool for monitoring inland transport CO₂ emissions, including a transport policy converter
- Define harmonized recommendations for data collection on inland transport CO₂ emissions
- Organize capacity-building workshops on this CO₂ assessment tool in every UN region

ForFITS tool freely accessible

It will be available for free to all UN Member States and organizations.

As a result of the three-year project funded by the UN Development Account (UNDA), ForFITS will be used to analyse carbon dioxide (CO₂) emissions taking into account trends and developments, including:

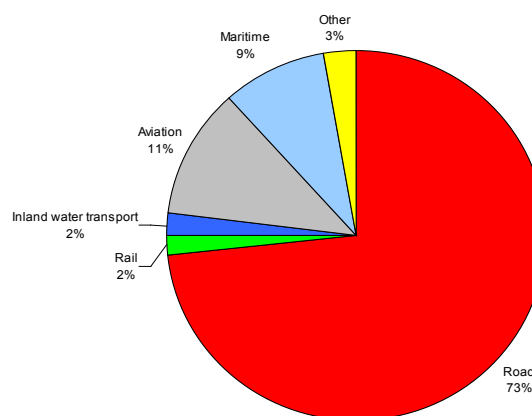
- Available sustainable energy sources
- Expected increase in road vehicle fleets
- New types of vehicles, and innovative technological solutions
- Development of Intelligent Transport Systems
- Revitalization of railway and inland waterway transport
- New ways of intermodal collaborations
- Transport Policy measures

Why do we care?

Because today transport-related CO₂ emissions represent 23% of total anthropogenic CO₂ emissions. Of all transport-related CO₂ emissions, road transport is responsible for about 73%.

That is why ForFITS aims at developing a uniform monitoring and analytical tool based on a standard and transparent methodology to evaluate the CO₂ footprint of land transport taking into account climate-relevant indicators and a set of potential actions, i.e. a package of transport policy measures.

Global CO₂ emissions in transport 2008



Source: CO₂ Emissions from Fuel Combustion, IEA (2010)

The project

The project started in 2011 and will end in 2013. 2011 is dedicated to set up a global status report on CO₂ emissions from inland transport.

In 2012, the assessment tool comprising the policy converter will be developed.

In 2013, the project will continue with a piloting out phase of ForFITS. After successful trials in the different regions, capacity building workshops will be offered to policy makers whereas training sessions will be held for technical experts. The workshops are aimed at raising awareness while the training sessions will focus on the practical use of the tool.

Join us

UNECE in cooperation with the other four Regional Commissions of the United Nations seeks the cooperation of all UN Member States and invites the key stakeholders to participate in this important global project that will help reducing CO₂ emissions.

Who we are

Regional Commissions of the United Nations:

Europe (UNECE) project leader, Asia and the Pacific (ESCAP), Western Asia (ESCWA), Africa (ECA), Latin America and the Caribbean (ECLAC)

For more information on the project, please contact us at infotransport@unece.org or visit http://www.unece.org/trans/theme_ForFITS.html