How to become green?

The EcoTransIT web-tool

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What is EcotransIT?

> Ecological Transport Information Tool – EcoTransIT

> web application which calculates the environmental impact of freight traffic of different modes of transport

> Calculation of logistical chains worldwide

> Tool is publicly available at www.ecotransit.org
EcoTransIT is designed to…

…create individual eco-comparisons for your logistics customers

- for individual freight transports worldwide
- for all transport modes
  Lorry, train, inland water ship, sea ship, airplane, intermodal transport
- for all types of fuels: Gasoline, diesel, kerosene, liquefied petroleum gas, electricity
- for all types of emission standards (Euro 0-5)
- for most common sizes of vehicles
- for different types of goods (bulk, volume, container)
Example: Paris – St. Petersburg

Result as figures

Carbon dioxide
Greenhouse Gas, climate changes

[Diagram showing comparison of carbon dioxide emissions between Truck and Train in tons.]

Primary energy consumption
Energy resource consumption

[Diagram showing comparison of primary energy consumption between Truck and Train in megajoules.]

Full calculation documentation

[Images of calculation documentation pages.]
Fair Eco-comparison tools need scientific data, transparent methodology and independent expertise

Advisory support
European Environment Agency

Consortium

Scientific support
- Calculation methodology
- Energy and Emissions data

Project coordination & IT
- Software
- GIS-Data and Routing
- Project coordination

2000  Release of the first EcoTransIT version for comparison of European freight transports
2006  Introduction of GIS based routing
2008  TERM Report 2007 of EEA notes Ecotransit as „good practice“ example
2009  Official Partner of the Sustainable Energy Europe Campaign
2010  Launch of the worldversion of EcoTransIT at the ITF in Leipzig
It is not just a communication tool! It’s a scientific methodology

1. “Well to wheel” energy end emissions calculation, not just final consumption.

2. Railways data are accurate per company, year and type of train.

3. Aviation and lorry data are the best available.

4. The customer can select a comprehensive set of parameters, so as to personalize its query and make it as close as possible to reality.

5. It’s a live tool: it can be updated on real time.

6. Independent institute provided the methodology.
EcoTransIT is proven and supported by the European Environment Agency and the EU Sustainable Energy Campaign

Joint launch event EcoPassenger and EcoTransIT on 24-06-2008 in Copenhagen at European Environmental Agency

“…we need a European standard how to compare the different transport modes.“

“…UIC has developed a well balanced, transparent and scientifically sound method of environmental comparisons.“

Jacqueline McGlade
Executive Director of the European Environment Agency

EcoTransit and EcoPassenger have been recognised as official partners of the Sustainable Energy Europe Campaign of the European Commission.
You can use EcoTransIT for…

- **Customer communication**
  - create individual eco-comparisons for your logistics customers
  - the tool can be integrated into the corporate design of companies joining the EcoTransIT consortium

- **Development of “Eco-Products”**
  - Optimising the carbon footprint of your customer

- **Institutional communication**
  - promotion of freight rail towards decision makers, scientific institutions etc.
  - Tool for definition of Green Corridors

www.ecotransit.org
First EcoTransIT stakeholder Workshop on 5th October at UIC in Paris

- Detailed presentation of the tool and the methodology behind
- The workshop is especially targeted at shippers, carriers and logistics service providers in the freight sector as well as NGOs, universities and other experts dedicated to green logistics solutions
Thank you for your kind attention

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EcoTransIT

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