



The HIGH-TOOL team is developing a highlevel strategic transport model which allows the European Commission to pre-assess the economic, social and environmental impacts of transport policy options. Key features of the model are as follows:

- Addressing the modeling needs arising from the Transport White Paper 2011
- Covering passenger and freight transport in all modes
- Embracing all 28 EU Member States and some neighbouring countries
- ▶ Providing forecasts up to 2050
- Calibrated to official statistics and the EU 2012 Reference Scenario.



HIGH TOOL







3584.57 1953.31 6361.54 6326.43 4934.93 5196.78 12090.75 7155.10 12852.50 9168.61 13077.94 3784.22 15414.77 2224.18 4984.09 6100.70 4253.74 2582.34 7099.93 24502.12 3919.66 14958.01 6959.47 2506.64 5329.21 14714.51 1249.03 1304.8 1447.74 1223.95 3390.95 8488.41 3447.13 9724.40 16551.55 4120.17 11405.91 1387.20 13471.82 5548.24 13872.43 3253.49 1772.91 5774.15 5741.33 4478.52 4716.17 11897.21 6493.06 11664.63 8321.65 1794.10 3434.46 13990.40 3391.41 4979.5

THE PROJECT

THE TEAM

What are the impacts on household income, if the 'polluter pays' principle is applied in transport?

The HIGH-TOOL model will answer **strategic policy questions** like this. Introduced step by step, the tool will facilitate active user participation in the model development.

A **prototype version** will be introduced at an early stage. Subsequently, the **pre-final and final tool versions** will be developed and will entail refined modelling formulations, more functionalities and a modelling concept that works at the regional scale.

Apart from active user involvement, the evolution process will be influenced by outcomes of internal **testing and validation** processes.

HIGH-TOOL started in April 2013 and will be completed in 2016.

Karlsruhe Institute of Technology



Mcrit



Panteia Research to Progress

significance



TRANSPORT & MOBILITY LEUVEN

Project Coordinator

THE CONTACTS

Dr. Eckhard Szimba

Karlsruhe Institute of Technology (KIT) Network Economics

Phone: +49 721 608-47689 E-mail: szimba@kit.edu

Project Officer

Martin Zeitler

European Commission (EC) Directorate-General for Mobility and Transport

Phone: +32 2 296-6271 E-mail: martin.zeitler@ec.europa.eu