



UNECE
Transport
Division

Informal document No. **GRPE-63-31**
(63rd GRPE, 17-20 January 2012,
agenda item 12(e))

UNDA Project

Development and implementation of a monitoring and assessment tool for CO₂ emissions in inland transport to facilitate climate change mitigation

- Duration: 3 years (January 2011 – December 2013)
- Leading agency: UNECE
- Implementing entities: ECA, ECLAC, ESCAP & ESCWA

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Objective, expected achievements

- Support for policy decisions aimed at the mitigation of GHG emission in inland transport
- Development of an analysis tool based on a uniform methodology for the evaluation of CO₂ emissions in transport
- The tool will include elements concerning:
 - transport activity
 - vehicle fleets
 - transport infrastructure
 - energy sources used in transport
 - macroeconomic and demographic parameters
 - policy measures relevant for GHG emission mitigation
- The tool will focus on inland transport modes and it will cover a wide range of vehicle and fuel technologies
- Capacity building workshops in all UN Regional Commissions are included in the project plan
 - They aim to disseminate, explain and stimulate the use of this tool



Current developments

- Global Status Report (being finalized)
 - overview of available numerical information (statistics, technical analyses), concerning transport, energy and greenhouse gas (GHG) emissions (mainly CO₂)
 - analysis of policies aimed to the mitigation of GHG emissions in transport (based on the results of the distribution of a questionnaire to national administrations on the topic)
 - review of models dealing with the analysis of GHG emissions and GHG emission mitigation policies from the transport sector
 - summary of the findings emerging from the main scenario analyses that have been carried out on this subject
- Concept note (developed and distributed for review)
 - definition of the main characteristics of the modelling tool
 - sent out for review to selected experts (review panel)
 - first round of comments are now being received



Next months

- By April 2012
 - Final definition of the model characteristics
 - Initial model development
 - Meeting of the review panel, to discuss our choices (23 April 2012)
- International expert meeting
 - discussion on the main subjects addressed by the Global Status Report
 - Statistics, policies, models, scenarios
 - presentation of the Global Status Report
 - illustration of the ForFITS model methodology





Further steps in 2012 and 2013

- Finalization of the modeling tool (2012)
 - Finalization of the modeling tool
 - Verification and validation
 - Preparation of a user manual
- Regional calibration (2013)
 - Development of applications and databases relevant for specific global regions
 - Application to case studies
- Dissemination (2013)
 - Organization of capacity building workshops in all UN Regional Commissions
- Final Step (end 2013)
 - Project evaluation





Additional information, contacts

- More information on the project

http://www.unece.org/trans/theme_forfits.html

- Contacts

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