

Other scenario simulations

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White Paper Mid-Term Assessment

ASSESS project funded by DG TREN

7 models with same assumptions & scenario runs

- SCENES (WSP and TRT)
- TREMOVE (TML)
- SLAM (TNO)
- ASTRA (TRT)
- CGEurope (CAU Kiel)
- SWOV safety model (SWOV)
- TNO noise model (TNO)

White Paper Mid-Term Assessment

4 policy-implementation scenarios :

Null

a reference scenario without the White Paper measures

Partial (A & B)

partial and most likely implementation on the basis of the difficulties encountered (most probable scenario or baseline with current policies)

Full

full implementation of the White Paper

Extended

modified full scenario, including further measures or the speeding up of current measures



White Paper Mid-Term Assessment

2 "technical" follow-up projects

Manual link with SCENES

-> Will be made more automated in iTREN2030

Extraction of indicators

-> Will be made more automated in REFIT



Belgium : national project

- Funded by government (FOD) and industry (FEBIAC)
- Introduction of national road statistics
 - '91-'04 Detailed fleets (by type, age, technology)
 - ...-'04 Road counts/Surveys transport activity by mode
 - ...-'04 Odometer readings/Mileages (by vehicle type and vehicle age)
 - Speeds
 - ... Extensive consistency checks
- Baseline results are fully included in v2.44

Belgium : national project

- 3 Policy scenarios :
 - Fuel excise taxes
 - General transport taxes
 - Differentiation of vehicle taxes

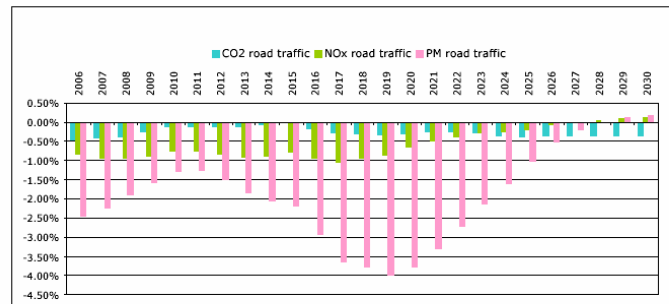


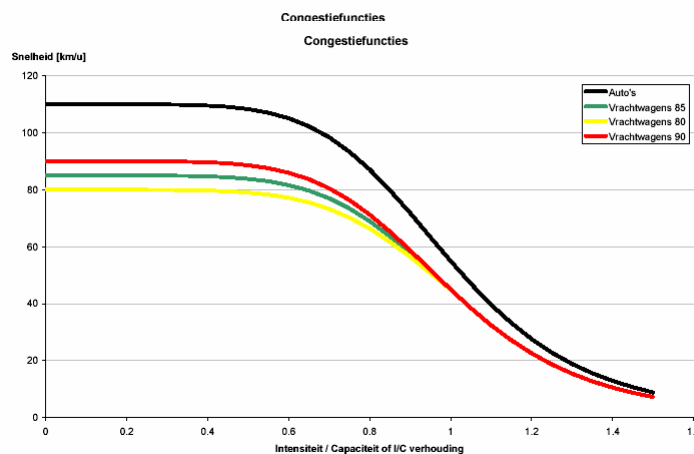
Figure 44: effects of differentiated road taxes on total emissions of road traffic

Flanders speed limit

- Funded by Flemish government
- Analysis of economic effects of a speed limitation to 80 km/h for trucks on Belgian motorways
- Extended modelling of road freight traffic cost and tax components
 - Included in TREMOVE v2.50

Flanders speed limit

Further research on speed-flow functions
Included in TREMOVE v2.50



FUNDING (coordinator KUL) GRACE (coordinator ITS Leeds)

- FUNDING: 6FP on funding possibilities for large transport infrastructure investments in the EU
- GRACE: 6FP on (marginal) costs of transport
- Improvements in speed-flow and marginal congestion cost modelling (BPR curve)
- Improvements in public transport cost coverage data
- Extended options for congestion charging simulations
 - Included in TREMOVE v2.50

On-going

- France: GHG plan (scenarios)
- Belgium: Ecoscore (vehicle tax policy)
- FP6 GRACE (costs)
- FP6 iTREN-2030 (baseline)
- FP6 REFIT (indicators)