

Data needs for SCENES / a

European databases

SCENES mainly developed in 1999-2000

NUTS II level zoning system

Main sources: NewCronos, Regio and COMEXT



Data needs for SCENES / b

NewCronos themes

- 1: General statistics: model input verification
- 2: Economy and finance: GDP data and Regional economic output
- 3: Population and social conditions: passenger travel demand
- 6: External trade: freight transport demand
- 7: Transport: demand trends
- 8: Environment and energy: model validation



Data needs for SCENES / c

REGIO

Same themes as per NewCronos – with information at NUTS II and/or III level

COMEXT

External Trades by mode of transport collected on Intrastat declarations – with information at country level



Data needs for TREMOVE

- Which type of data are needed
- How they are defined in TREMOVE
- Which data might be provided by SCENES
- Which data have to be collected
- Which data sources are available

Distinction between EU and NAS countries



Data needs for TREMOVE

Which type of data are needed

- Monetary costs of transport
- Other costs (time/speed)
- Behavioural parameters (values of time, substitution elasticities)
- Traffic volumes
- Economic and demographic data



Data needs for TREMOVE

HOW DATA ARE DEFINED IN TREMOVE

Cost: operating costs broken down in their main components, public transport consumer price by mode and country

Geographical scope: EU15, Switzerland, Norway, at least four Accession Countries

Regions definition: sample metropolitan area, other urban areas, non urban areas

Time of the day: peak/off-peak

Road freight vehicles: LDV (<3.5 tons) and HDV (>3.5 tons)



Data needs for TREMOVE

DATA PRODUCED BY SCENES

Cost: behavioural costs (tariffs, perceived costs) generally not per country

Geographical scope: All European countries. Non EU countries are less detailed. Several freight data are not country-based

Regions definition: NUTS II regions

Time of the day: entire day

Road freight vehicles: only vehicles > 3.5 tons



Data needs for TREMOVE

WHICH DATA CAN BE PROVIDED BY SCENES

Speed by mode and country	YES
Value of time by country and trip purpose	YES
Value of time by country and commodity group	YES
Traffic volumes by mode and country	YES
Traffic volumes of LDV (<3.5 tons)	NO
Operating costs by mode - passengers	NO
Operating costs by mode - freight	NO
Public transport consumer price by country	NO
Data per peak/off-peak	NO
Data per metropolitan/urban/non-urban areas	YES



Data needs for TREMOVE

Which data have to be collected / 1

- Passenger detailed operating costs by country:
 - car, bus/coach, rail and air
- Freight detailed operating costs by country:
 - trucks: HDV and LDV (< 3.5 tons)
 - conventional and unitised rail
 - inland navigation
- Public transport consumer prices by mode and country (and trip purposes)



Data needs for TREMOVE

Which data have to be collected / 2

- Traffic volumes performed by road vehicles with less than 3.5 tonnes of payload
- Observed elements to split SCENES traffic volumes into peak and off-peak
- Observed elements to break SCENES NUTS-II zone-based data into urban and non-urban



Data needs for TREMOVE

Which data sources could be used?

- Existing TREMOVE model (starting point)
- SCENES model
- EUNET study
- UIC
- ACEA
- Reference scenarios by individual countries
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