



Transport Modelling

Towards Operational Standards in Europe

The perspective of the New Member States

Recommendations for TRANSFORUM

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Content

- The MOTOS project
- First Results: user needs of NMS
- Comments on recommendations
 - General
 - Perspective of new member states



Background MOTOS

- Integration of Transport Policies among old and new member states
- Prerequisite: Integration of transport policy tools:
 - with European transport models
 - with other policy tools
 - (minimum) standards for transport models
- How to prevent: re-inventing the wheel?
- Transfer of good practice and state of the art knowledge from old to new member states



Objective

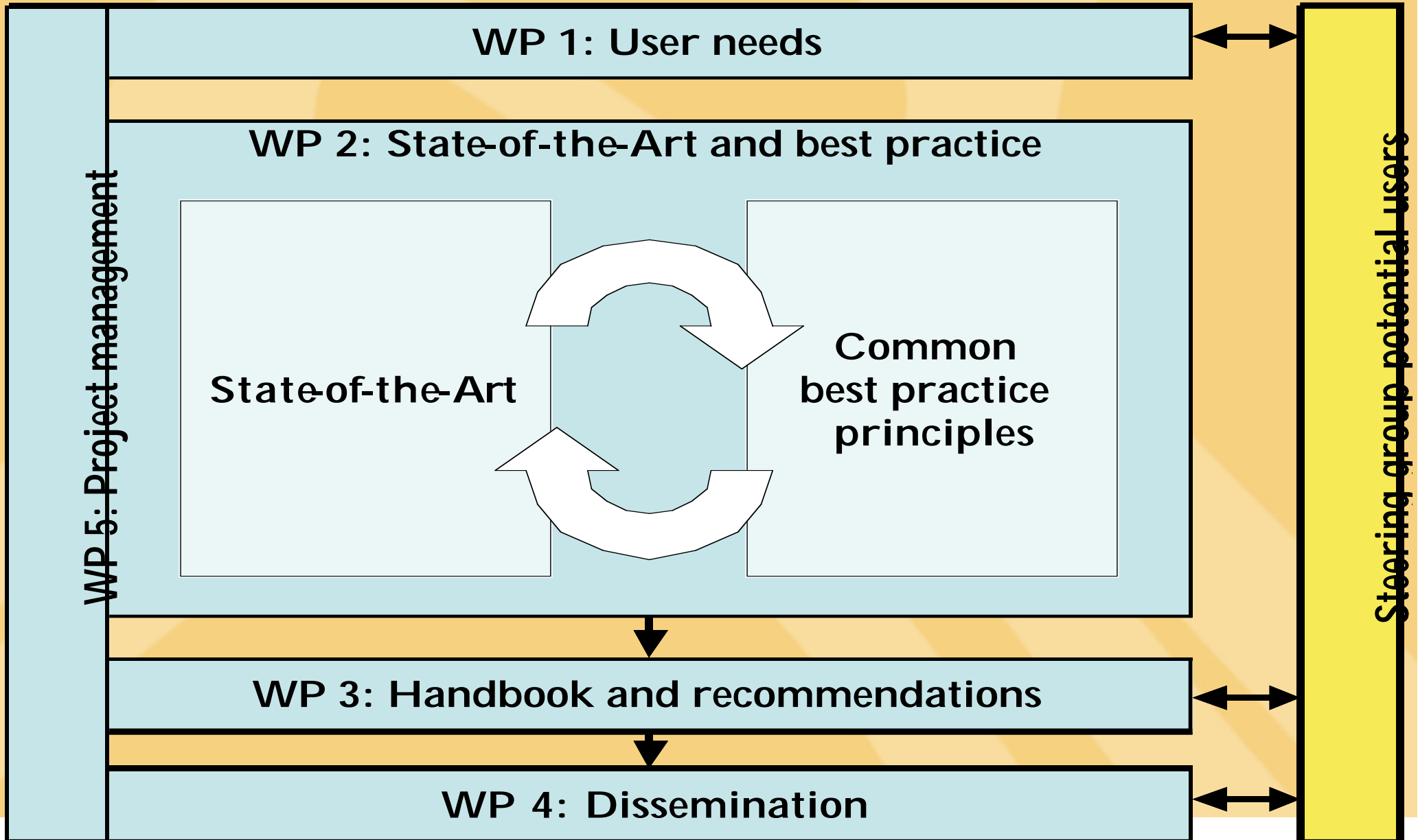
to **support** transport policy in Europe
by defining **common good practice
principles** for national and regional
transport modelling

that satisfy immediate needs of model developers in the
new Member States

and contribute to the establishment of a standardized
approach for transport modelling in the European
Union.



WP Structure





Partners: Old & New Member States





Products

- 1. Handbook (on transport modelling) :
 - Aiming mainly at the regional level
 - Not technical (no scientific papers),
 - to fill the gap between users of the the transport model results and the transport modelling world
 - Policy driven and not modelling driven
 - European Dimension (cross border transport, in land waterways, PT)
 - Strong Focus on Best practise
 - Also operational aspects like IPR
- 2. Conference in Budapest (24 and 25 May 2007)
- 3. Website and newsletters



Results workshops_1

- State of the art of transport modelling
 - Focus mainly on regional transport modelling (and not national modelling!)
 - Wide diversity in models used/known
 - Economic aspects are mentioned in every country
 - Not mentioned: traffic safety & environmental aspects



Results workshops_2

- User needs:
 - Lack of data are mentioned in every country
 - Social economic data is important (mainly future data)
 - Transport forecasting
 - Need for PT forecasting
 - Transparency of models (no black box)
 - Optimization of PT
 - Freight modelling (distribution centres, not only corridors)
 - Estimation (calibration) of model
 - GIS systems (compatibility with transport models)
 - Institutional context needs to be developed



Comments: general

- At the European level there is a need for a transport model system, not one specific model with incorporates all assessment criteria. More need for
 - Linking issues with national and regional transport models
 - When to use what model
 - Causal relationships (Feedback loops)
- Do not focus only at the transport model itself, but also how it should be used



Comments: perspective new member states

- One size doesn't fit all:
 - Development path will differ from old member states but also differ between NMS
- Data-issues:
 - lack of reliable data is a major issue. Use and further development of international models can support NMS with limited availability of data
- Need for a link with the regional level
 - National transport models are not available (yet)
- Linking also incorporates institutional aspects
 - When to use what, reviewing by independent organisations and relational with national regulations



More information:



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www.motosproject.eu