



Asset Management

- Technical Inputs to Decision-making

Jan M. Jansen

- → ♥ Danish Road Directorate
- → Specialist, M.Sc., Civ. Eng.
- →jmj@vd.dk



23e Congrès mondial de la Route - Paris 2007



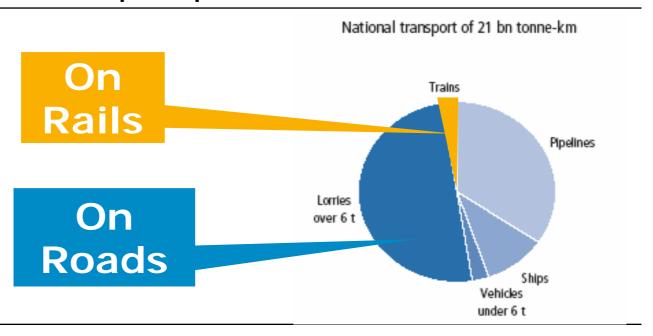
Authority levels in Denmark:

- State
- 99 Municipalities
- 2 toll bridges

Authority	Network Kms	MWY	HWY	Local roads
Road Directorate	3,800	1,000	2,800	O
Sund & Belt	41	41	0	0
Municipalities	68,500	0	7,500	61,000

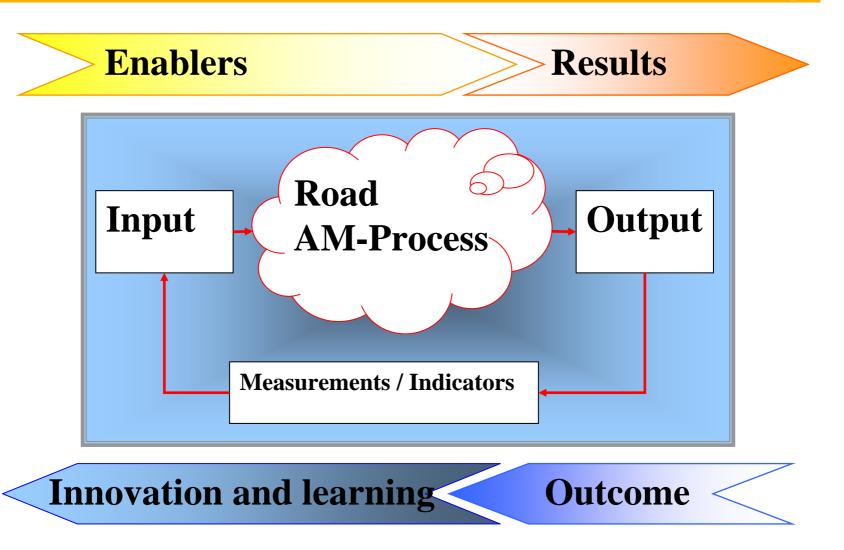
23e Congrès mondial de la Route - Paris 2007

Goods Transport per Mode



Annual budget Levels

State Highways	Municipalities Roads
425 mn EURO	1,190 mn EURO



Environment

of the Road

Infrastructure

Stakeholders of the Road Infrastructure

and stakeholders valuables

Asset

Owner

Parliament Municipality Counsels Private Common Roads

Actors space

Road Agency
External consultants
Partnering contractors

<u>Traffic</u> Users <u>Corridor</u>

Traffic drivers
Transport suppliers
Neighbours
Guests inside right of way
Traffic interest groups
Police& Rescue Forces

Road Infrastructure

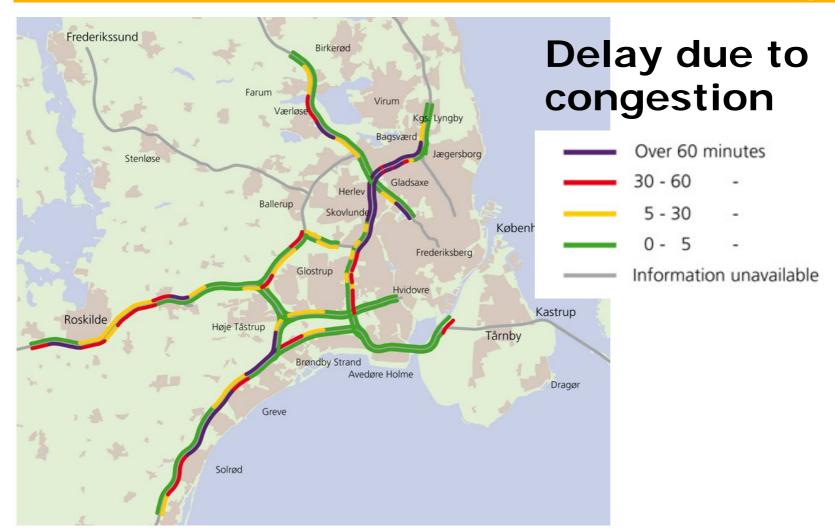
<u>Society</u>

Other Authorities
Other Infrastructure suppliers
Citizens in general
Other Road Agencies
Other Interest Groups
Press media

23e Congrès mondial de la Route - Paris 2007

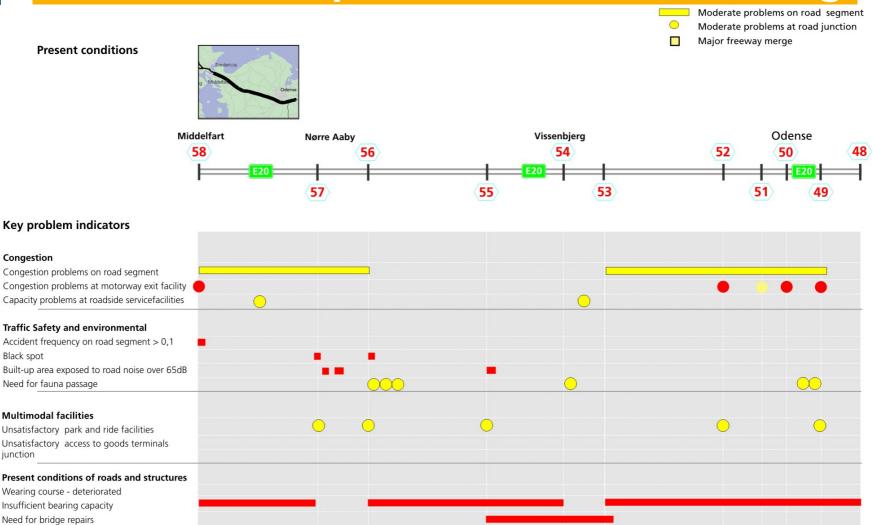
Key points in communication with Stakeholders:

- Valuate in monetary terms
- Present digested information
- Use correct data
- Visualize technical terms



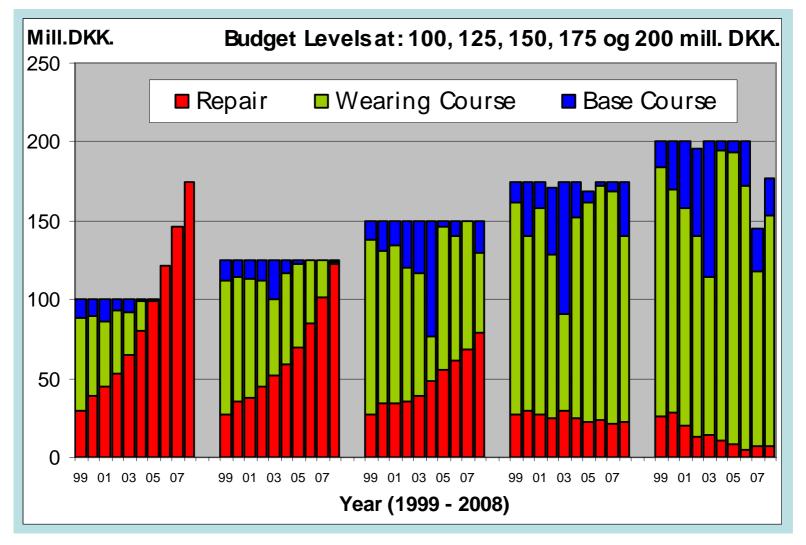
Objectives for the info-maps

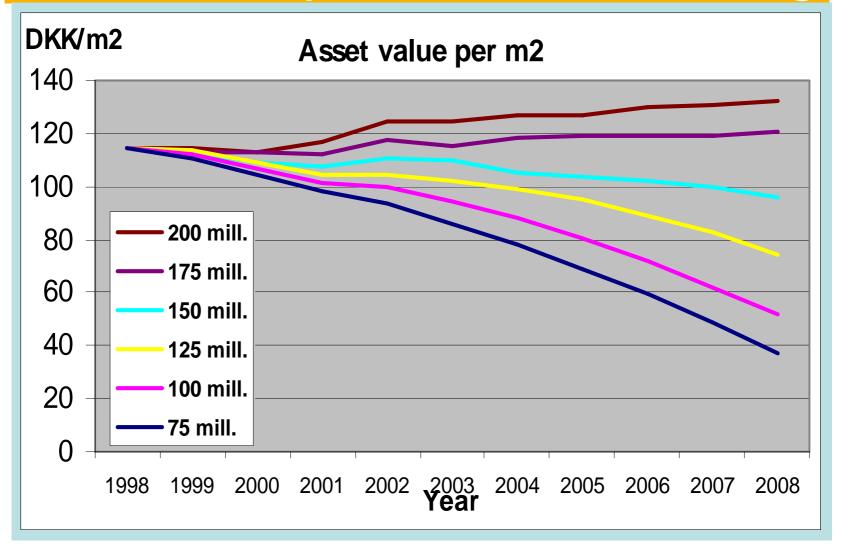
- Display actual conditions in the road network of a selected area
- → Basis for evaluation and description of possible enabling options in the road network
- Strengthening the agency's strategic planning in relation to political decision-makers



Objectives for the corridor strip map

- Display critical conditions and development needs for Corridor Assets
- → Basis for evaluation and description of possible enabling options in the corridor
- Strengthening the agency's strategic planning in relation to political decision-makers





23e Congrès mondial de la Route - Paris 2007

Objectives for the forecasting technical scenarios

- Display consequence of optional decisionmaking for Corridor Assets
- → Basis for description and evaluation of possible budgeting options
- Strengthening the agency's strategic planning in relation to political decision-makers

Data availability:

- Update
- Road Data Base, vejman.dk
- Pavement Management, Belman
- Bridge Management, Danbro
- Traffic Data, Mastra
- Routine Maintenance Data, MMS-Prio
- Local information, etc.

Acknowledge of co-authors

Søren Brønchenburg, DRD Bjørn Lassen, Ramboll Jørn Kristiansen, Carlbro

Thank you for your attention

Jan M. Jansen



▼Danish Road Directorate

jmj@vd.dk