



ECONOMIC COMMISSION  
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TRANS-EUROPEAN NORTH-SOUTH MOTORWAY (TEM)

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# How do You understand asset management, routine maintenance, structural maintenance, operations?

Asset management from point of view of the Czech rep. represents:

- monitoring of the whole network of roads and highways, including degradation processes
- planning of the routine and structural maintenance
- costs optimization
- monitoring quality of reconstructions from aspect of lifetime and sustainability of good condition of roads and highways



# What is an organizational structure of roads and highways asset management?

- in the Czech rep. exists the road databank, which contains important data about the technical condition of roads and highways
- data are usually used for graphical visualization of critical points on the network and for solving of reclamations
- actually we don't use any centralised method for allocation resources to maintenance of roads



# System of road maintenance

- Czech road administrator (directorate of roads and highways = ŘSD) has quality management system, which includes periodical evaluation
- allocation of resources to the road maintenance is mostly based on qualification and experiences of ŘSD workers
- for maintenance of roads and highways we use mostly a reactive strategy



# System of road maintenance

- ŘSD works with results of measuring of variable parameters of roads, detailed diagnostician, inspections and revisions
- it tries to make periods of traffic restrictions shorter during reconstructions and maintenance and to reduce impacts of traffic restrictions
- to arrange this, ŘSD uses models of traffic and of congestions formation



Risk management (does your NRA take into account risk management as a part of maintenance and operations management? How do You do that?)

- our NRA = ŘSD has the risks catalogue
- it's actualized every year and evaluated by the risk manager
- risks catalogue contains also sections about road maintenance and reconstructions



# Actual plans

- this year will begin a tender on the system for the road management
- this system will have 2 levels
  - network level – for monitoring condition of roads and maintenance planning
  - projects level – for considering proposals of reconstructions
- system will facilitate optimization of road maintenance and it will help to better reactions on actual needs of road and highways network





# D8 Prague – Dresden – the last part 2 month before opening (10/2016)



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# Thank you for your attention!



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