TRANS-EUROPEAN NORTH-SOUTH MOTORWAY (TEM)

TEM/HEEP Area V 2014 Annual Meeting

4-7 June 2017, Dubrovnik, Croatia
How do you understand asset management, routine maintenance, structural maintenance, operations?

Asset management from the point of view of the Czech representative 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 the 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)
Thank you for your attention!