



Czech Republic
Ministry of Transport



Czech Republic ITS Action plan and its implementation through individual projects

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National ITS Action Plan

Czech ITS Action Plan until 2020 (with the prospect of 2050)

- one of the twelve strategic documents related to the *Transport Policy of the Czech Republic for the period 2014-2020 with an outlook to 2050*
- was approved by the Government of the Czech Republic on 15th April 2015
- Regional Prime Ministers and Mayors of Statutory Cities are invited by the government to follow the principles of the ITS Action Plan

National ITS Action Plan

Czech ITS Action Plan until 2020 (with the prospect of 2050)

- elaboration and consultation process - involved widest possible number of stakeholders from public administration sector, transport infrastructure operators, transport companies, industry, research institutes and universities as well as professional associations and non-governmental organizations
- by this transparent way all recommendations were proposed in order to improve the current situation while respecting what kind of developments in this area shall be realised in the future

National ITS Action Plan

Czech ITS Action Plan until 2020 (with the prospect of 2050)

- a vision of an ideal status of ITS operation from the end user perspective
- based on this vision the global objective was defined for ensuring smooth, safe and energy efficient transport which was detailed developed into strategic and specific objectives

National ITS Action Plan

Czech ITS Action Plan until 2020 (with the prospect of 2050)

- focused on using the state of the art technologies - detection, diagnostic, information, control and automated technologies based on Intelligent Transport Systems (ITS), Global Navigation Satellite Systems (GNSS) and Earth Observation (EO) systems,
- reflects aspects of appropriate telecommunication infrastructure, disaster and crisis management systems and safety & security aspects:
 - safety of operations
 - private and business data protection
 - criminal misuse

ITS Action Plan not only focused on road ITS



ITS Action Plan not only focused on road ITS

- the attention is paid to standardization and technical harmonization of ITS components in order to ensure the interoperability of ITS systems at national and European level
- concerning ITS development from the public sector perspective mainly supported technologies will be those which are in public interest, e.g. transport safety, early detection and control of crime activities in transport sector, public space access and public transport accessibility to passengers with special needs, i.e. people with reduced mobility or orientation, seniors, parents with prams etc.

ITS Action Plan not only focused on road ITS

- apart from the ITS implementation ITS Action Plan also highlights the necessary technology training programs for both drivers and professionals (including lifelong education)
- regarding to the ongoing process of automation in the transport sector the ITS Action Plan also stresses the need for training people in emergency situations when technology fails.

Planned ITS Road projects until 2020

Set of projects concerning road data, data transmission and quality provision	Estimation of implementation costs until 2020 (including operational costs)
ITS detectors (loops, CCTV systems, on-road sensors for permanent automatic traffic counts etc.)	150 M€
Floating Car Data	
Data transmission and communications network	
Data storage and modelling	
Upgrade of National Road Traffic Management and Information Centre	
DATEX 2 Protocol Implementation	
Conformity assessment	

Planned ITS Road projects until 2020

Set of projects concerning road traffic management (on the road network managed by the state)	Estimation of implementation costs until 2020 (including operational costs)
Dynamic Traffic Control (incl. variable message signs, traffic information devices)	130 M€
Co-operative ITS systems	
Set of projects concerning road safety enhancement	Estimation of implementation costs until 2020 (including operational costs)
ITS for road safety enhancement (SOS call stations, road weather stations, warning systems, etc.)	24,5 M€
Weighing in motion	



Thank You !