ITS Action Plan Austria:

Catalogue of Measures 2011 Abridged Version

The ITS vision will be implemented within the framework of six defined areas of action. A catalogue of measures has been drawn up that will play a central role in the implementation of the ITS vision in Austria.

While the areas of action and topics defined in the ITS Action Plan Austria provide a long-term framework, the catalogue of measures should be understood as a living, growing document. It has therefore been included in the strategy document as an appendix.

In its present form the catalogue contains fifteen measures which will have to be pursued by the public sector in order to achieve positive changes in the priority areas of safety, efficiency and the environment.

In addition to these measures, a further five harmonising measures are defined to deal with holistic ITS issues and which call for additional supporting activities. It is also important to note that the order in which the measures are listed is purely content-based and does not reflect a prioritisation of individual measures.

Measures

▶ Spatial referencing of incidents
▶ Identification of incidents
▶ Incidents and forecast of their impact on traffic
▶ Personalisation of ITS services
▶ Provision of traffic information along all modes of transport

▶ Provision of traffic information on the secondary and urban infrastructures of all modes of transport
▶ Integrated traffic planning across all modes of transport including their interfaces
▶ Innovative concepts for sharing motorised and non-motorised vehicles
▶ Provision of infrastructure facilities and ITS services for innovative mobility concepts
▶ Generation of information from in-vehicle data
▶ Creation of infrastructure-based ITS services to optimise urban logistics
▶ Improvements in the tracking of goods and products
▶ Intelligent parking spaces for lorries and other commercial vehicles
▶ Easing the access to public mobility
▶ Implementation of cooperative systems

Harmonising Measures

▶ Knowledge sharing in the area of ITS
▶ Mode-specific and intermodal aspects of cooperative systems
▶ Quality assurance for ITS services
▶ Harmonisation of the exchange of data and information between Austrian infrastructure operators and mobility providers
▶ Harmonisation of the exchange of data and information between Austria and neighbouring countries

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The measures and their implementation will be monitored on the basis of the legal framework (EU ITS Directive and its implementation in national law). This monitoring and the living character of the catalogue of measures guarantees that the measures will always contribute to an optimal implementation of the ITS vision.

Examples

Two measures are explained in further detail below – a detailed description of all measures (including the targeted areas of action and the impacts of the measures on the priority areas safety, efficiency and the environment) can be found in the Appendix of the German long version of the ITS Action Plan Austria.

Provision of Traffic Information on the Secondary and Urban Infrastructures of all Modes of Transport:

At present traffic information of all modes of transport is largely only available to ITS users on primary transport infrastructure (e.g. motorway and highway network). Traffic information for ITS users on the secondary transport infrastructure network and in urban areas is either inadequate or completely lacking. The purpose of this measure is to make the broad spectrum of traffic information (e.g. regarding the weather, accident warnings, road works, disruptions, delays, cancellations etc.) available for the secondary transport infrastructure network and urban areas, with the aim, for example, of giving ITS users access to more efficient route planning and enabling shorter travelling times.

Innovative Concepts for Sharing Motorised and Non-Motorised Vehicles:

Sharing concepts have existed for individual motorised transport in Austria for quite some time now. The basic concept of moving "away from ownership – toward individual mobility solutions" is playing an increasingly important role in the mobility patterns of ITS users. This measure aims to promote the development of innovative concepts for sharing motorised and non-motorised vehicles, including, but not limited to, vehicles with alternative propulsion systems such as electromobility (electric vehicles, e-bikes) to contribute to the development of a sustainable integrated transport concept. Availability information from the desired vehicles, booking services and simple payment systems should ensure that these concepts are geared to the needs of transport users.