

Development strategy for the intelligent transport in year 2007-2011

Name of the publication

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Abstract

The objective of the ITS Finland's annual strategy process is to produce a development strategy for intelligent transport, that presents the network's common vision and goals, which should be achieved in the coming years. The strategy document presents the key challenges and trends of transport and exposes the potential of information and communication technologies in solving transport related problems. The basis for the vision and goals is in the network's strengths and opportunities as well as its values.

Bearing the strengths and opportunities in mind, Finland should concentrate in the international market in successful and intelligent transport mobile solutions, development of which will be supported by the domestic innovations and value-chain co-operation.

The vision of ITS Finland is, that with intelligent transport systems and services (ITS) the traffic is managed and its demand is restricted as well as the distribution of transport modes is changed in order to limit the climate change and to improve the transport system. In order to guarantee safety and fluency, the traffic is monitored, managed and controlled, and real-time traffic data is collected and refined in order to offer traffic information services to all. In cooperation, ITS services will evolve into profitable business and successful export products.

The goals in the strategy are challenging and to achieve them requires prompt decision-making and fluent co-operation. As significant changes to the current situation it is stated that by 2009 all freight vehicles will be equipped with RFID tags and all vehicles in public transport will be equipped with wireless broadband terminal, automatic emergency system eCall shall be mandatory in all new cars since 2011 and the customer of a new car shall be able to choose, instead of traditional tax and payments, a road tax and insurance payments based on driving.

Communication, financing, R&D programmes and the commitment of the network are foreseen as critical success factors for the realisation of the strategy. To implement the strategy it is proposed that development environments will be established, legislation for piloting road user charging shall be written and more funds will be reserved to implementation of systems and services for different transport modes.

The ITS Finland network will prepare, start up and implement projects in co-operation to implement the strategy and it will follow the realization and revise the strategy as required during the autumn 2008.