The Traffic Management and Information Service Strategy of the Finnish Road Administration (Finnra)

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Background

updated vision and objectives for traffic management and information was produced in 2005
interpretation of some parts of the result was diverging between the actors
negotiations with the Ministry of Transport and Communications

Outcome: clarification needed
• the roles of Finnra´s public services vs. commercial/private services
• how Finnra facilitates the development of commercial services
• R&D activities in traffic management and information services
• Finnra's role as content provider and acquirer of services and systems
• the role of Finnra´s Traffic Management Centre
The process

internal team

close cooperation with the ministry

external actors were interviewed

synthesis of the diverging views was done by

acknowledged external expert in the field

service strategy approved by Finnra’s board of directors in

September, 2006.
Service classification

two categories of traffic management and information services: the authority services and commercial services

Finnra is responsible for the authority services, which are:

- Traffic control; traffic signals systems, VMS etc
- Incident management and other authority cooperation
- Safety and trafficability related traffic information, eg. road weather forecasts, incidents and road works
- Road maintenance support eg. Road users Phone for reporting observations to be forwarded to contractors
Encouraging private market development

The objective: majority of traffic information services are provided as commercial services

Finnra's measures:

- Provision of the digital road database Digiroad (www.digiroad.fi)
- Content provision free of charge to service providers: incidents, accidents, road works, road weather, camera pictures, traffic flow, travel times
- Financial support for development of products and services
- Stabilise Finnra's role and services on the market
- Finnra to procure travel time for approx 3000 km of the main road network
- Finnra will not publish this travel time information to the end user, but will provide it to service providers and other actors who develop end user services.
Finnra's information services

website www.tiehallinto.fi/alk is Finnra's only traffic information service in the future
RDS-TMC pilot service ended (commercial service started) info kiosks and traffic flow status information on the web will be removed
Finnra's website will be complemented by live videos from road weather cameras and pages optimised for mobile devices.
Multimodal portals

Multimodal web portals in city areas handled in the same way as commercial services

Finnra provides content free of charge and may co-finance R&D and demonstration/piloting, but

does not finance the running of the services
Finnra's Traffic Management Centre

- service definitions are reviewed
- authority tasks are the main focus
- traffic control and incident management in cooperation with other authorities
- vision can be a common management centre for Finnra, cities and other authorities.
Research and development

R&D in the field of traffic management and information systems and services

• Until now coordinated by the Ministry, e.g. AINO-programme
• Follow-up R&D programme coordinated by Finnra about to start
• focus on large demonstration projects