

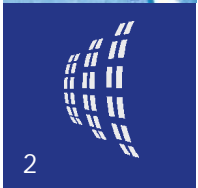


MINISTRY OF TRANSPORT
AND COMMUNICATIONS FINLAND



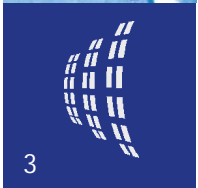
DaGoB IT Seminar in Helsinki 13th and 14th August, 2007

Mr. Jari GRÖHN
Transport Policy Department



Intelligent transport

- | Long term development
- | Focus from technology to applications
- | Fourth national r&d-programme just started
- | Mentioned in the government programme



ITS in government programme

I Motivations

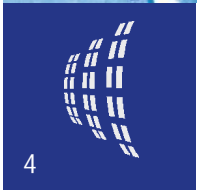
- I Climate policy
- I Sustainable development
- I Safe mobility
- I Public transport

I Action points

- I Logistics strategy and trade policy programme for transport sector
- I Development programme for Baltic Sea Safety
- I Investment in r&d in the transport sector, incl. telematics
- I Studies on intelligent road pricing
- I Take advantage of ITS in logistics, prevention of environmental hazards and in traffic safety work



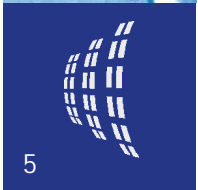
20 examples of transport telematics applications 1/2



- | Information on weather and driving conditions
- | Local road surface condition warnings
- | Weather-controlled speed limits
- | Rerouting
- | Ramp metering or ramp control
- | Lane control
- | Network level adaptive traffic signal control
- | Public transport signal priority
- | Road traffic incident management
- | Automatic bus lane enforcement



20 examples of transport telematics applications 2/2



- | Automatic speed enforcement
- | Road pricing
- | Intelligent speed adaptation
- | E-Call (In-vehicle emergency call)
- | Alcohol interlock
- | Carpooling
- | Demand-responsive public transport
- | Public transport route planner
- | Real-time public transport passenger information
- | PortNet – a national information system for maritime transport

TEDIM Concept

- Public & private partnership on eliminating barriers in international trade and business
- Better transport links in the Baltic Sea region by means of telematics and EDI
- TEDIM works as an international platform promoting individual projects
- Strong projects with a lean organisation

TEDIM programme

A forum for
international co-
operation between

- EU-countries
and
- Russia

at the Baltic Sea
Region



TEDIM Development Areas

Supply Chain
Management

Logistic
Services

Public
Contribution
and
Participation

Logistics
Corridors

Logistics
Information
Management

Logistics Information Management

Integration of public-private information management systems to enable logistics development and greater effectiveness

1. Support infrastructure investments by developing ICT systems which streamline transports and material flow through physical routes
2. Increase the security and transparency of transports using ICT solutions
3. Integrate the databases of public authorities and private companies, thereby avoiding the duplication of stored data and minimising the key-in work