

# Efficient Traffic Management: Co-operation across borders

## Traffic management in large urban areas is based on collaboration

Operating in the same premises as the Traffic Management Centre:

- the Finnish Transport Agency's road traffic TMC operators
- the city's traffic management operators
- the police
- incident management in public transport
- co-ordination of passenger information in railway traffic

The aims are

- to reduce congestion in urban areas
- to improve the reliability of travel and transport chains
- to keep travellers informed about alternative transport modes
- to promote the use of public transport
- to improve the air quality in cities
- to reduce emissions as well as the need for large transport infrastructure investments.



## ENSI = Enhanced Navigation Support Information

To prevent accidents and environmental damage, the FTA has collaborated with its partners from the public and private sector in the development of a completely new, two-way navigation service, Enhanced Navigation Support Information (ENSI).

In ENSI service, vessels share their route plans with Vessel Traffic Service Centers (VTS) already before leaving port, and the VTS operators see the route plan as part of the real-time traffic situation. Vessels can also make their mandatory reporting for vessel in transit on the Gulf of Finland to the mandatory Gulf of Finland Reporting (GOFREP) system. In addition, the ENSI service provides vessels with real-time information about, for example, weather, ice conditions and marine warnings.

With ENSI, there are fewer chances of misunderstandings between the vessels and the VTS operators. The service enables a two-way exchange of information between the vessel and the onshore authority and thus opens entirely new means for advancing maritime safety in the future.



## METO = Maritime actors: More than the sum of its parts

Collaboration between maritime authorities plays an important role in the METO. METO actors are FTA, Navy, the Finnish Border guard and the Finnish Transport Safety Agency Trafi. The METO cooperation between maritime authorities was initiated on 15 April 1994, when the ministerial committee for administration development approved the report of the working group, the aim of which was to look into how maritime functions could be rationalized and organizations streamlined.

METO tasks:

- to improve maritime safety in the Baltic Sea
- to coordinate, support and develop the maritime functions and investments
- to create a maritime situational picture and distribute it to the cooperative parties
- to promote the well-functioning METO operations model in national and international projects and forums
- to communicate with the other authorities

As a result of the twenty years of cooperation, during which the vessel traffic systems for technical monitoring and data communication have been jointly procured, savings of tens of millions of euros have already been achieved, compared to if each actor itself would have procured the same capacity. The Finnish system for maritime search and rescue and traffic control with its sensors, arrangements for information exchange and applications, which the METO actors to a large extent have acquired through joint procurement, is still a unique example of extensive authority cooperation. In 2007, the METO cooperation was awarded the Sea Sunday safety prize.

## Partnerships and collaboration produce innovative services for users

FTA is actively seeking and developing new services by using Pre-commercial procurement.

In 2015, all mobile phones moving on the main roads in Finland produce up-to-date travel time information on these roads. As a result of service FTA will locate all traffic incidents causing delays. Delay information is sent to dynamic navigator devices, and drivers can prepare for delays and use other routes.



In 2015, thousands of heavy goods vehicles will send a message to the traffic management center when they recognize slipperiness on road surface. The slipperiness is recognized when ABS or ESC system is activated. Information will be sent to all vehicles nearby.

Multi-Service Model aims to provide a variety of transport services to the user easily, at best with a single contract. Services may take advantage of the same basic elements, such as a user identification and tracking, data transfer, payment processing, etc. The service ecosystem with a variety of intelligent public and private services can be combined to provide for consumers and business customers in a platform-independent manner.

For further information, visit [www.fta.fi](http://www.fta.fi)