REPUBLIC OF ESTONIA
MINISTRY OF ECONOMIC AFFAIRS
AND COMMUNICATIONS

Gilles Carabin
European Commission
Directorate-General for Mobility and
Transport (DG MOVE)
De Mot 28, 7/14, B-1040 Bruxelles

Our Ref: 08.10.2020 No 25-1/2020/6181-1

ITS directive report, Estonia

Dear Mr Carabin

Please find enclosed the report on the progress of Estonia under Directive 2010/40/EU.

The following report provides an overview of the activities carried out by the Estonian administration in the field of road transport ITS and the implementation of the directive 2010/40/EU.

Adoption of the directive 2010/40/EU and strategic development

25.05.2015 the directive 2010/40/EU was adopted into Estonian law by changing the traffic act. The act was complemented with paragraphs that regulate how new ITS solutions/applications in the road sector is implemented.

The national Transport Development Plan 2014-2020 is in force up until the end of this year. We have started the process of developing the new Transport and Mobility Master Plan 2021-2035[1], which will be the strategic document overarching all modes of transportation and related activities (including ITS). For the master plan the International Transport Forum (ITF/OECD) created an in-depth study[2] of Estonian passenger mobility and good transport. The central aim for the next period is reducing transport systems environmental impact - of course, there are other goals as well (e.g. reducing fatalities in traffic, energy efficiency etc.) - all activities must help to reach these goals as much as possible, while also fulfilling all requirements by EU and national legislation.

ITS projects under the directive 2010/40/EU that have been developed since the last progress report and currently are being developed, renewed or implemented on wider scale

1. **Development of the NAPs and related services**

We have developed the national access points and related services for RTTI according to Delegated Regulation 962/2015 (action 'b'); SRTI National Access Point according to Delegated Regulation 886/2013 (action 'c'); and SSTP National Access Point according to Delegated Regulation 885/2013. They are all located on the following webpage in DATEX II format: https://www.tarktee.ee/#/en/datex

The public user interface for the services can be reached via https://www.tarktee.ee/#/en This enables to see in real time traffic restrictions, road works, detours, weight and height restrictions, obstructions, traffic volumes and jams, speed limits, Waze incidents, truck parking information and additional map data (including e.g. information from the road register, temperatures etc.). All this data is also shared through DATEX II.

More specifically:
RTTI - regarding upgrades since the last report in 2017 in real time traffic information we have integrated variable message speed sign real time information to the DATEX II service.
SRTI - we are generating automatically and instantly, through Estonian x-Road Emergency Services Centre's system, the unprotected accident area information with the exact location of the road accident. In addition, we give out warnings regarding ice and slippery road conditions and other data already described before in this report.

SSTP - we have the list of parking locations for trucks; however, Estonia does not yet have any full scale (according to directive) safe and secure parking areas thanks to our low crime rate and not much demand in this regard. We are building the first safe and secure parking area on Tallinn ring-road, which will be ready in 2022 (supported by CEF). This new parking area's availability and its real time occupancy will also be delivered in real time through the DATEX II service.

MMTIS - National Access Point (including NeTEx profile) will be available here: https://web.peatus.ee. Currently this is being developed through the Program Support Action MOVE/B4-2017-350. The first procurement for this development was unsuccessful because there were no offers made by qualified suppliers and exceeded the expected cost. We started the project already in 2018, analysing the needs and prepared the technical specifications in 2019. The new system will coverage of data will remain the same with the new software, but also, we will increase it on account of regional and international ferry lines and international train lines. Right now we are in the process of a new procurement. We have also applied for an extension for the PSA from CEF, but we have not yet received a confirmation.

At the moment we have launched the new public journey planner on the https://web.peatus.ee website. Before we had three different websites in use: one for national, one for Tartu and one for mobile view. This uses the Digitransit platform (https://digitransit.fi/en/) and is open sourced routing platform developed by HSL and Traficom in Finland. Maps are from © OpenStreetMap and Estonian Land Boards data registry. Public transit info is from Estonian Road administrations Public Transport registry. Currently the public transport open data is available here: www.peatus.ee/gtfs.

2. Development of the eCall system
Since 1st October 2017 Estonian Emergency Response Centre is capable of receiving emergency messages from cars equipped with eCall.

3. Internal analysis procurement of the ITS services in Estonia
We are in the process of procuring an independent ICT infrastructure audit to help us assess our progress and our service levels in context of the ITS directive. The procurement for the analysis will be published within this year. The main expected outcome of the analysis is recommendations for further development and assessment on current progress.

With best regards,

Ahti Kuningas
Deputy Secretary General for Transport

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