



eCMR onepager- Heiti Mering

Overview of the project

The idea is to create a real-time e-logistics ecosystem, a open data exchange platform that streamlines the supply chain and makes services transparent for shippers, carriers, forwarder's and also public controlling agencies. Our aim is to build important cornerstone for paperless and transparent multimodal transport of goods and to lead the development of logistics process for the future.

Validation process and outcomes

We've made survey on manufacturers, carriers, forwarders and truck drivers and I have realised that the situation is worse than expected. Even if there is mandatory to make CMR delivery note for every international shipments, in many cases there is no documentation created and the whole process is agreed just by phones and delivery has made without any legal proof. It feeds the grey economy, in many cases the truck drivers were not paid for their job and in most cases there was impossible to predict the time of arrival of the goods. I didn't get any positive feedback for current situation and I would say that in road freight transportation is anarchy that slows down the Estonian economic growth.

There is technological cap in cross-border data exchange and we need to solve this, combining Estonian X-Road with DL Blockchain based infrastructure, that is used for example in Poland. All states from Scandinavia to Poland has initiated their intent to collaborate to find modern and flexible solution for that.

Next steps

We have started pilot project to build shipment's data exchange module with MobiCarnet, a eCMR solution by Estonian Road Haulage Association. This proof of concept will open opportunity to create actually transparent model of shipments monitoring and estimate precise time of arrival. Estonian Police/SMIT had committed the team already to build process how to make roadside control for shipment's data without stopping the truck.

In Ministry of Economics, under Digiinno project, is initiated development project to build data integration prototype between Estonian, Latvian, Lithuanian and Polish public authorities. The aim of this is to create readiness for cross-border data sharing between public registres and use it also for identification and authorisation of persons, who are involved in each country to create, update or control the shipment's (e-CMR) data. These two separate projects serves the same purpose and the connection between them is to build parallely data exchange readiness for cross-border and internal road freight transportation.

Metrics for success

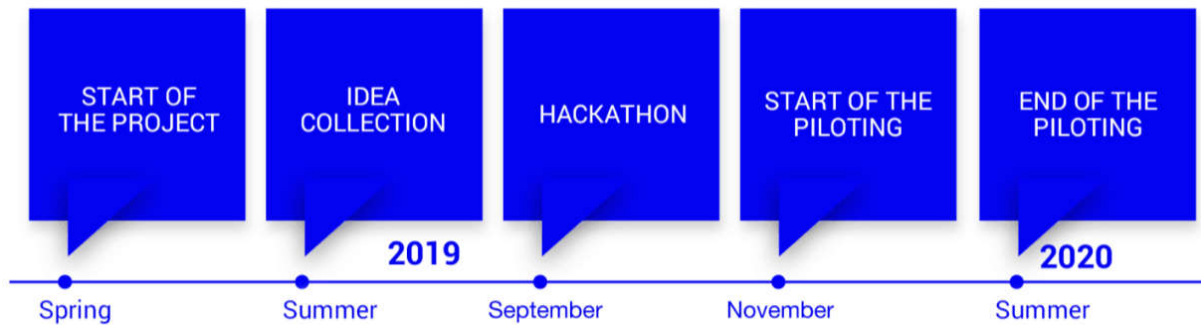
Starting from February 2020, for next 3 month will be build prototype of services, developed process for road side check by police/customs and estimated investments needs for public services integration. We started development of API's with Ericsson, 2-3 transport companies, Operail, Port of Tallinn and Tallink.



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