

Heiti Mering

eCMR project lead

„LogiXdigi as digital roaming
service for logistics“



Accelerate
Estonia





Solving wicked problems

AccelerateEstonia is a startup minded agile innovation project initiated by the Ministry of Economic Affairs and powered by Tehnopol Startup Incubator and Startup Estonia.

Our target Customers

- **Digital Freight shipping SP's**
- Forwarders
- International and local Carriers
- **Public controlling agencies**
- Railway operators
- Ferry operators
- Road administrations
- State statistics
- Air Cargo operators
- Warehouses
- Manufacturers
- Retail shops
- E-Commerce
- Last mile delivery
- ...

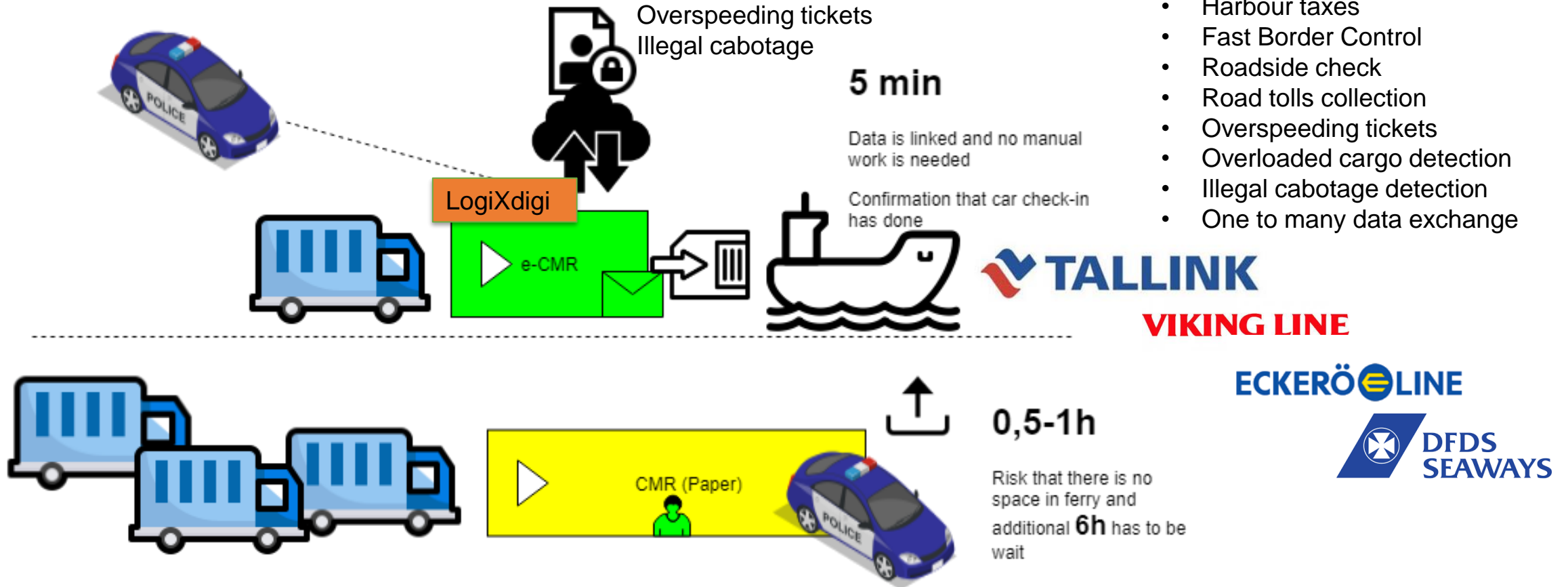


Green corridor for faster transportation

Driver's data
Truck's data
Cargo data (incl ADR)
Community license
Road tolls
Overspeeding tickets
Illegal cabotage

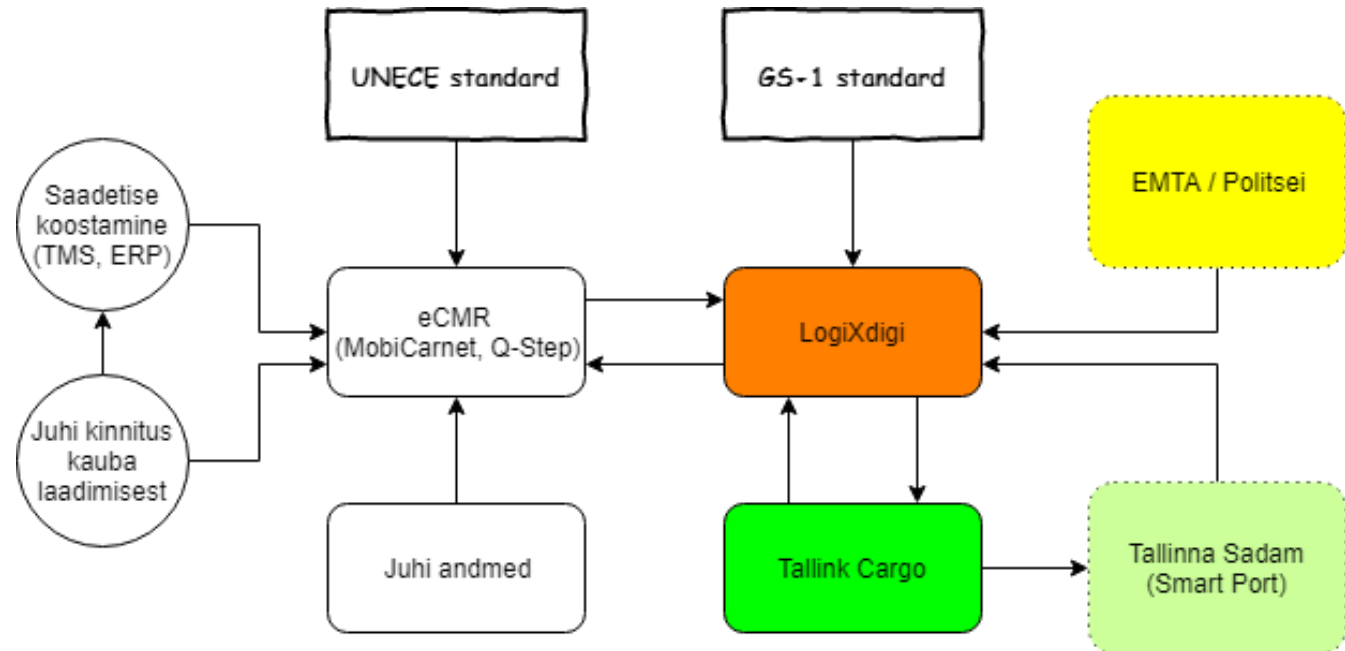
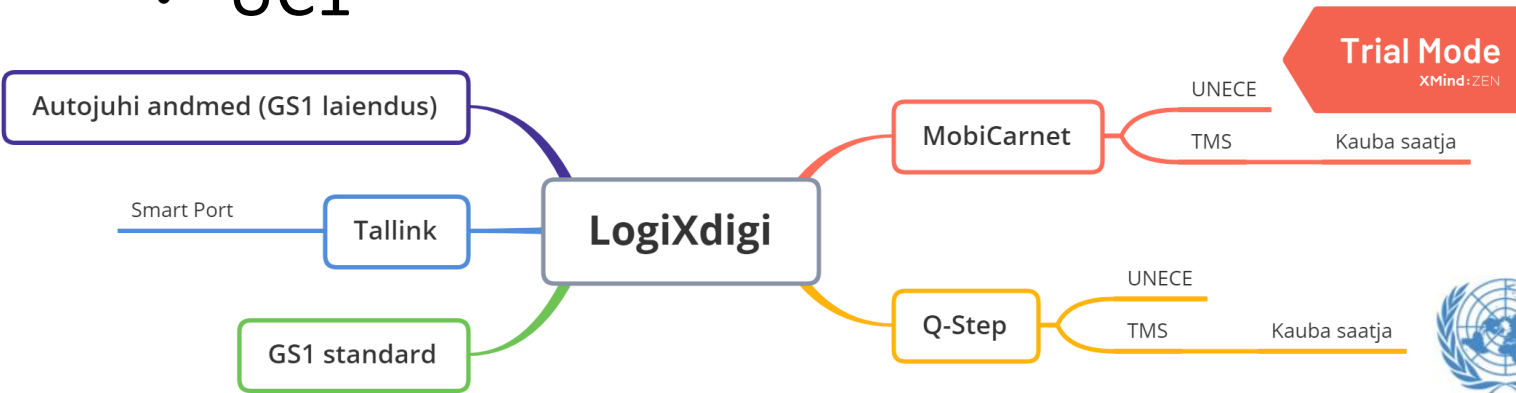
Value of LogiXdigi & eCMR:

- Fast Ferry check-in
- Confirmed boarding
- Fast Harbour entrance(incl SmartPort)
- Harbour taxes
- Fast Border Control
- Roadside check
- Road tolls collection
- Overspeeding tickets
- Overloaded cargo detection
- Illegal cabotage detection
- One to many data exchange



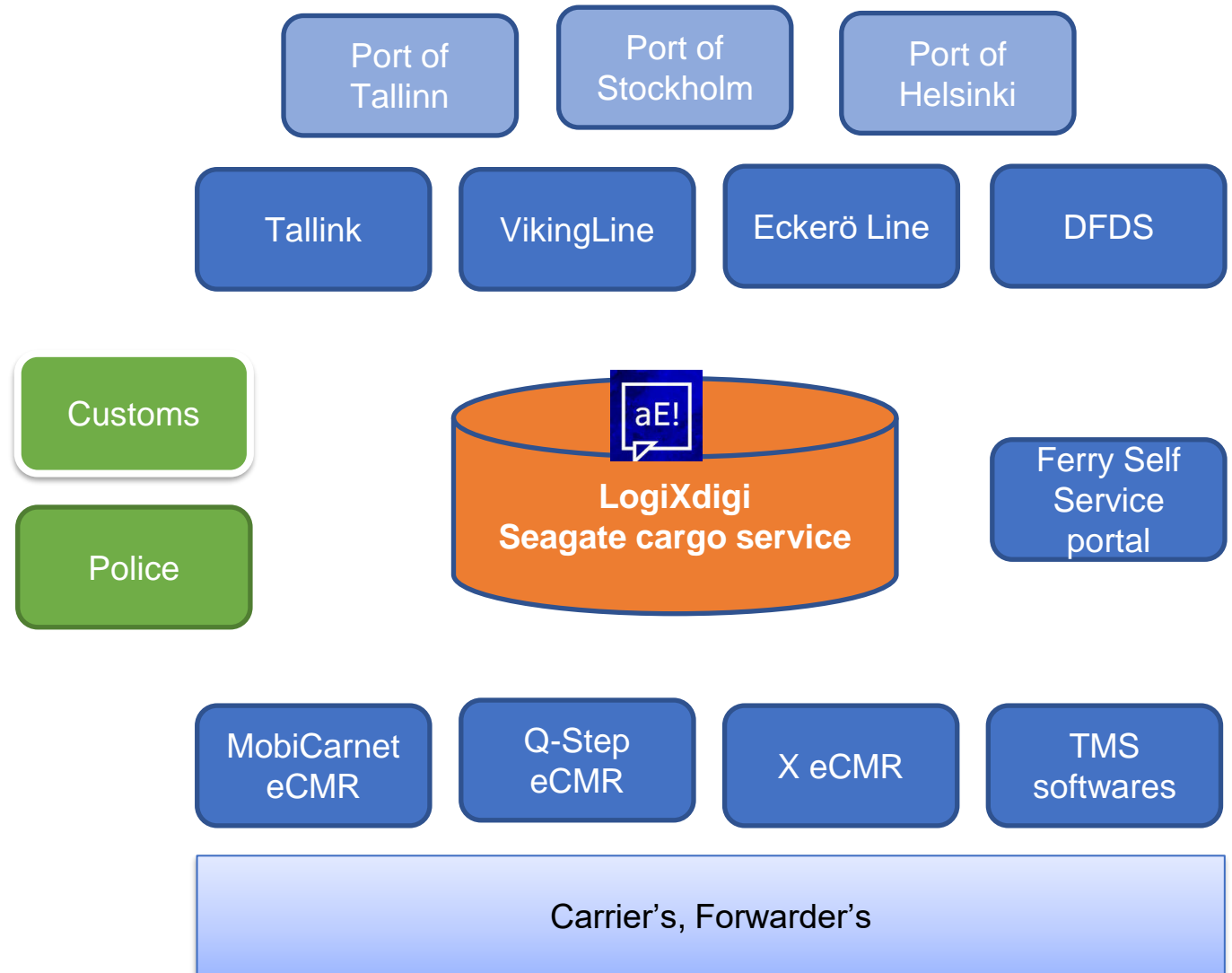
MVP – Roaming for digital logistics service providers and transportation companies

- UC1



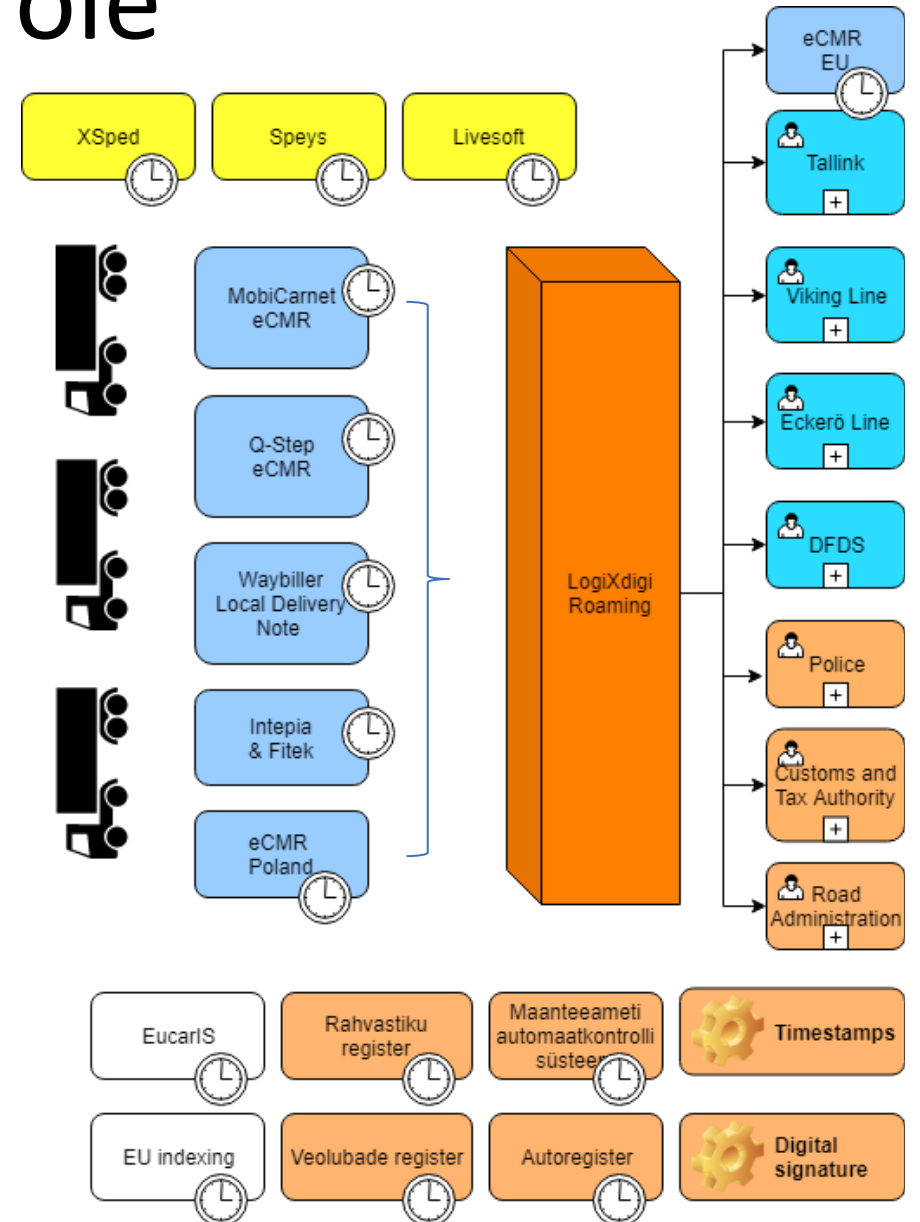
MVP1: Online Ferry Check-in for Trucks

- Simple and fast
- Contactless and paperless
- Value for e-CMR usage
- Connection for Nordic and Baltic digital road
- Unified standard Exchange (UNECE, GS1, MMT, etc)
- Data sharing between
 - Port Authorities
 - Ferry Operators
 - Customs and Police
 - E-CMR service provider's



Business model and state's role

- 13 000 trucks in Estonia (used in international transportation)
- 1000 trucks every day in Tallinn – Helsinki
- 1,5M CMR's in Europe, daily (our target 30%)
 - By the 2022, 80% of CMR's will be digital
- Fast growth: eCMR price 0,60€ - 1€ = 0,30€ to LogiXdigi exchange
 - First phase (Estonia-Finland), 1st year target: 100 000 transactions/month
 - Second phase (Finland-Poland), 2nd year target: 100 000 transactions/day
 - Third phase (EU and other), 3rd year target: 500 000 transactions/day
 - 300 customers during first year
- States registres and public services included:
 - X-Road, RIA, SMIT, Politsei, MKM (Maanteeamet, Veeteede Amet, RTE, Digiinno), EMTA, RMIT, Rahvastikuregister, Äriregister, Statistikaamet
 - Eesti Raudtee, Operail, Tallinna Sadam
- Legislation
 - Continue with Government's Decree and Traffic Law change
 - eFTI (Electronic Freight Transportation Information) draft
 - Continue representation in DTLF (Digital Transport Forum)
- New Markets:
 - Finland, Sweden, Baltics, Germany, Balkan, Africa



eCMR regulation

Has been done by now:

- I step: Compose an amendment with explanatory notes to the Traffic Act to empower Estonian Government to establish eCMR regulation
- Excellent cooperation with MKM, Ministry of Finance, Tax & Customs Board, Ministry of Internal Affairs and Police Forces.
- II step: Compose eCMR regulation with explanatory notes
- Timeline: 30th of April 2020 final document versions
- Final coordination: 1st of May - 31st of July 2020

Next steps:

- Draft version of the documentation is ready but it will be amended according to the input from stakeholders. Next consultations are agreed:
- 8th of April online consultation with Tax and Customs Board, Association of International Road Carriers
- 9th of April online consultation with Ministry of Economic Affairs and Communications
- Regular feedback from project internal steering group
- Google design sprint with Tax & Customs Board in beginning of May
- The consultation with Ministry of the Interior and Police and Border Guard Board needs to be arranged.

ELEKTROONILISE SAATELEHE KONTROLLIPROTSESSI KONTSEPTSIOON

2022 aastal ei ole pabersaatelehe Maksu- ja Tolliametile esitamine vajalik, vaid see on digitaalselt kättesaadav. Vajadusel toimub andmete taaskasutus üle Euroopa.



e-CMR loomine

Veo korraldaja loob e-CMRi ja toimub e-CMRiga seotud andmepaketi loomine



Veo alustamine

Veo korraldaja kinnitab veo alustamise. e-CMR andmepakett saab oleku, et on vedu on alustatud



Auto numbri tuvastus

MTA ANTS (numbrituvastussüsteem) tuvastab autonumbri



Andmekorje

MTA SAS (teabeanalüüsi programm) saab e-CMRist ja ANTS süsteemist reaajas sisendiks vajalikud andmed



Salvestamine süsteemi

MTA valib Eestisse saabuvad veokid ja salvestab need MTA süsteemi



Füüsiline kontroll

Toimub füüsiline kontroll ja kontrollitulemid fikseeritakse MTA TOTS2 süsteemis



Kontrolli teavitus

MTA süsteem saadab ametnikule SMSga automaatselt teavituse, et sellist autot peaks kontrollima



Online kontroll

Toimub MTA on line kontroll ja veoauto jätkab rahulikult teed



Täiendav andmekorje

MTA SAS saab e-CMRist ja täiendavast reaalaajatuvastuse sisendist vajalikud lisaandmed



Täiendav auto numbri tuvastus

Täiendav autonumbri reaalaajatuvastus (Maanteeameti Tark Tee), et välistada keda ei pea kontrolliks kinni pidama



Kinnitus kauba mahalaadimisele

Juht saabub sihtkohta. Kauba saatja saab e-CMR kinnituse kauba mahalaadimise osas. Andmepakett saab oleku, et on vedu on lõpetatud



Järeldkontroll

MTA Saab tagantjärgi saadetise eCMRI andmeld vaadata vedajaga kokkuleppel



Accelerate
Estonia



MAKSU- JA TOLLIAMET

Thank You!

In any questions:

Heiti Mering

Accelerate Estonia, eCMR lead

Mob +372 5231174

Email: heiti@accelerateestonia.ee



Accelerate
Estonia