



TRAFICOM
Liikenne- ja viestintävirasto

Innovaatiot ja kokeilut suuntaamassa kohti turvallisempaa yhteiskuntaa

Noora Lähde

Johtava asiantuntija

Liikenne- ja viestintävirasto

ECOLOGY

SAFETY

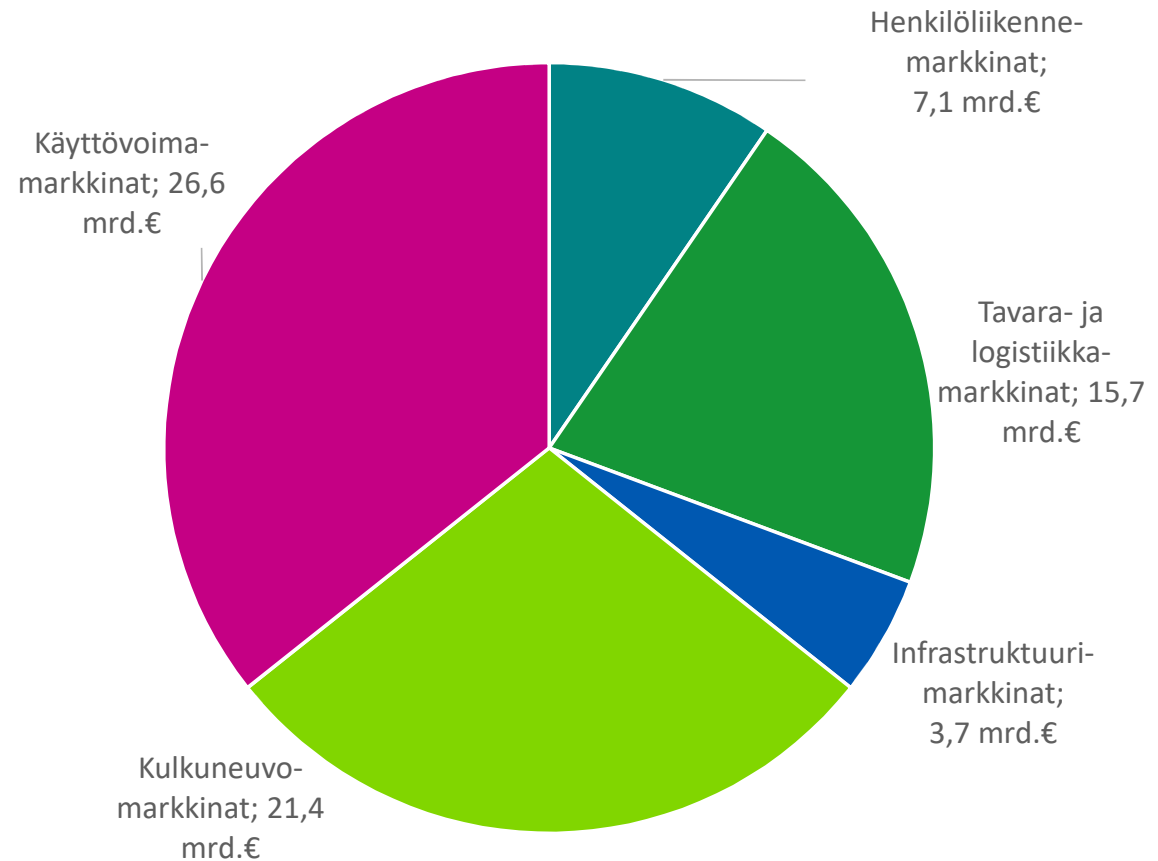
ECONOMY



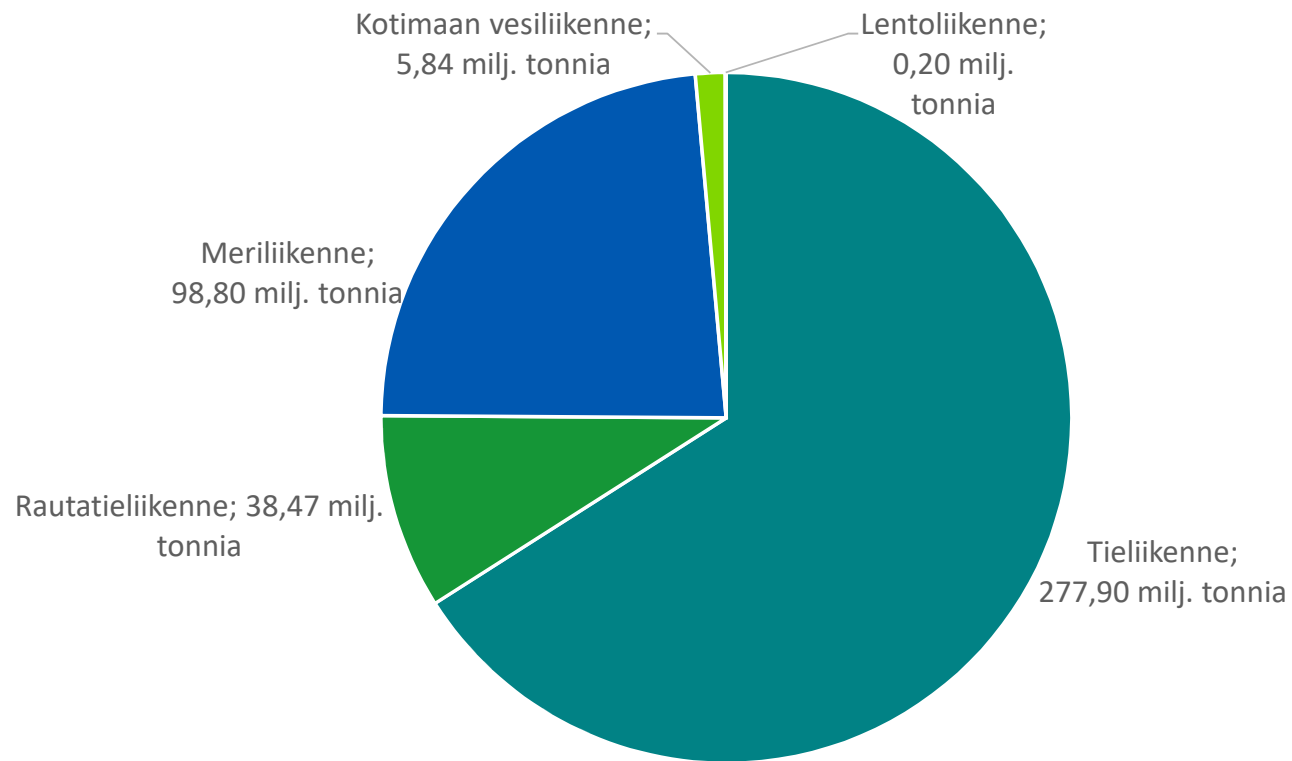
Liikennemarkkinoiden volyymi ja toimijat

- Suomessa vuonna 2017 liikennealalla ja sitä tukevilla toimialoilla toimi noin **55 000 yritystä**, jotka työllistivät arviolta **320 000 henkilöä**.
- Tilastokeskus arvioi näillä markkinoilla toimivien yritysten liikevaihdoksi yli **70 mrd. euroa** vuonna 2017.

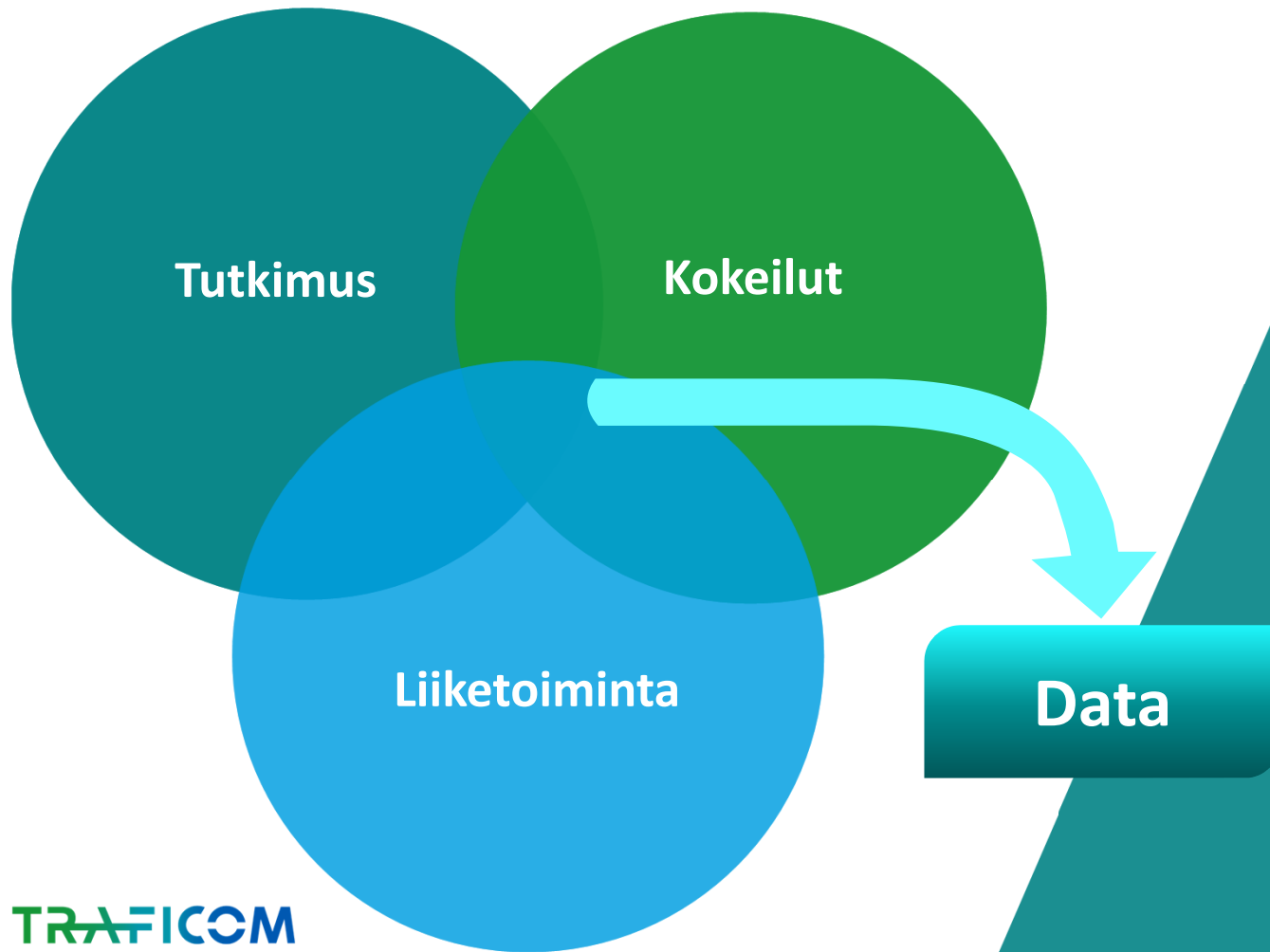
Liikennemarkkinoilla toimivien yritysten liikevaihto 2017



Tavaraliikenteen kuljetukset liikennemuodoittain 2017



Tavoitteena entistä laadukkaammat ja sujuvammات liikkumispalvelut





- 40 m, object detection

Thermal cameras
- 30 m, pedestrian detection

Short range radar, 24 GHz
1 - 50 m front of the vehicle



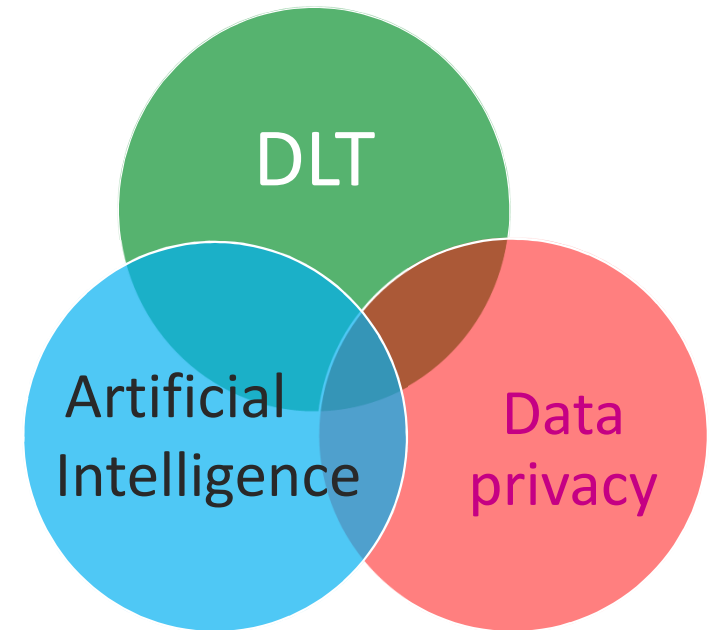
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AVOID BUBBLES IN SUPPLY CHAIN



CONCEPTUAL CHANGE MAKES CULTURAL CHANGE

Vision exists in long term and in short term



CaaS ecosystem pilots on key corridors



CaaS & Automatic border crossing

vedia CaaS

TULLI

Distributed logistics data map

vedia CaaS

Digital Business Ecosystem

CORE

LVM

Smoother corridor transit with transparent logistics and PPP cooperation

CaaS on Growth Zone
Testing import/export bottlenecks

vedia CaaS

MetsäBoard

POHJOINEN KASVUVYÖHYKE

TRAFFICOM

MAKINEN

OCTO³

ALNILAM

Kouvola Innovation

RDVELHO

Urban e-delivery pilot

FORUM VIRIUM HELSINKI

vedia CaaS

A2B

CaaS on Growth Corridor
City logistics and load optimization

Suomen kasvukäytävä

SW

vedia CaaS

TRAFFICOM

MetsäBoard

TUOMI Logistiikka

010

TAMPERE

HUHTALA

CEF FEDERATED
CaaS & standards - 7 EU-countries
eCMR/eAWB/CaaS-pilot

vedia CaaS

FINNAIR CARGO

AHOLA TRANSPORT

TRAFFICOM

Nordic Silk Way
Fin-Rus collaboration & blockchain

vedia CaaS

Kouvola Innovation

VTT

SEFR
CaaS-Caravan Truck Convoy

vedia CaaS

Kouvola Innovation

TULLI

TRAFFICOM

5G-DRIVE

CaaS & C-V2X Interoperability Between EU and China

EURESCOM

ERTICO

vedia

University of Kent

VTT

orange

dyniqq

energinis mobility

uni.lu

ORION

OTE

Smartnet

UNIVERSITÉ DU LUXEMBOURG

sp3

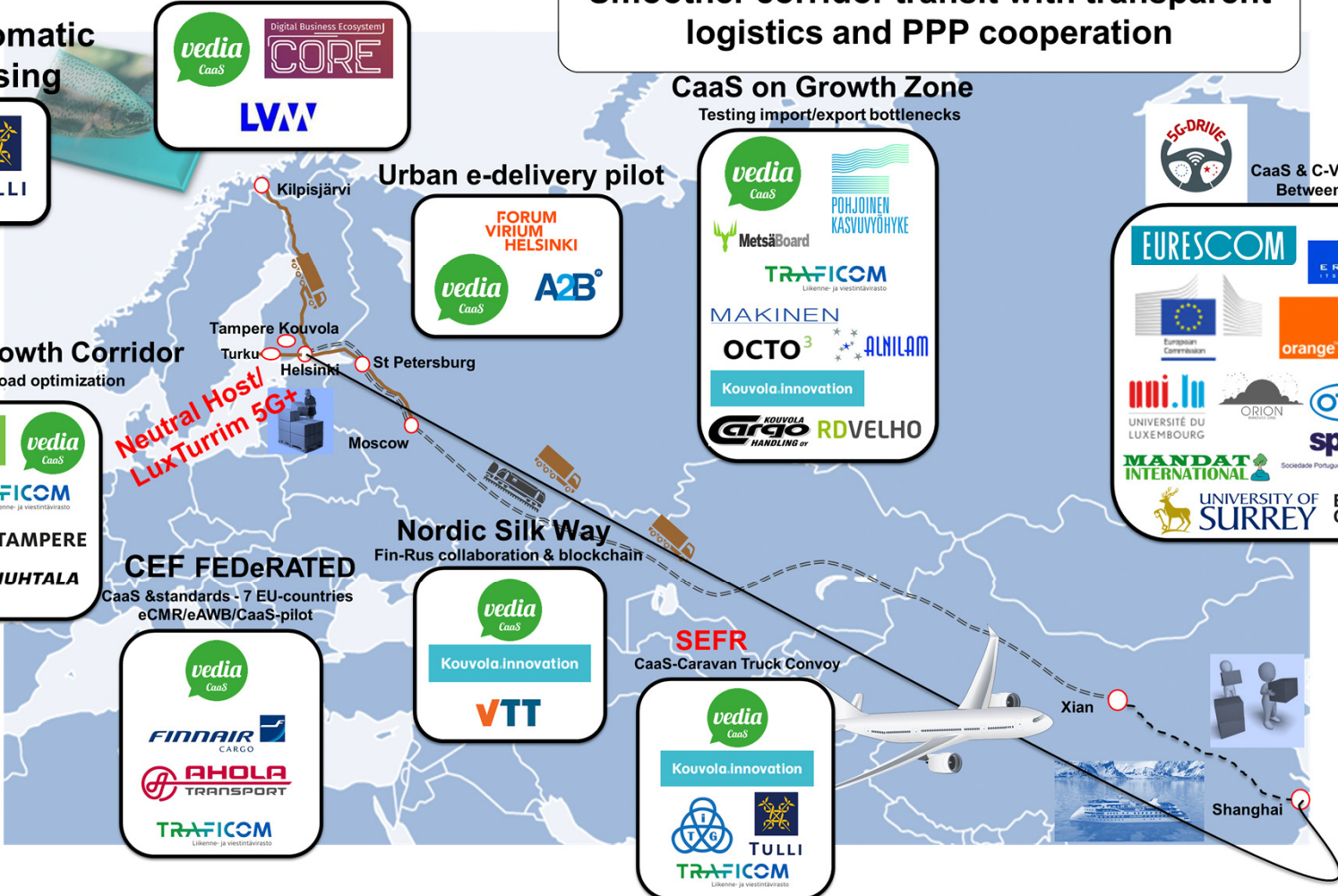
MANDAT INTERNATIONAL

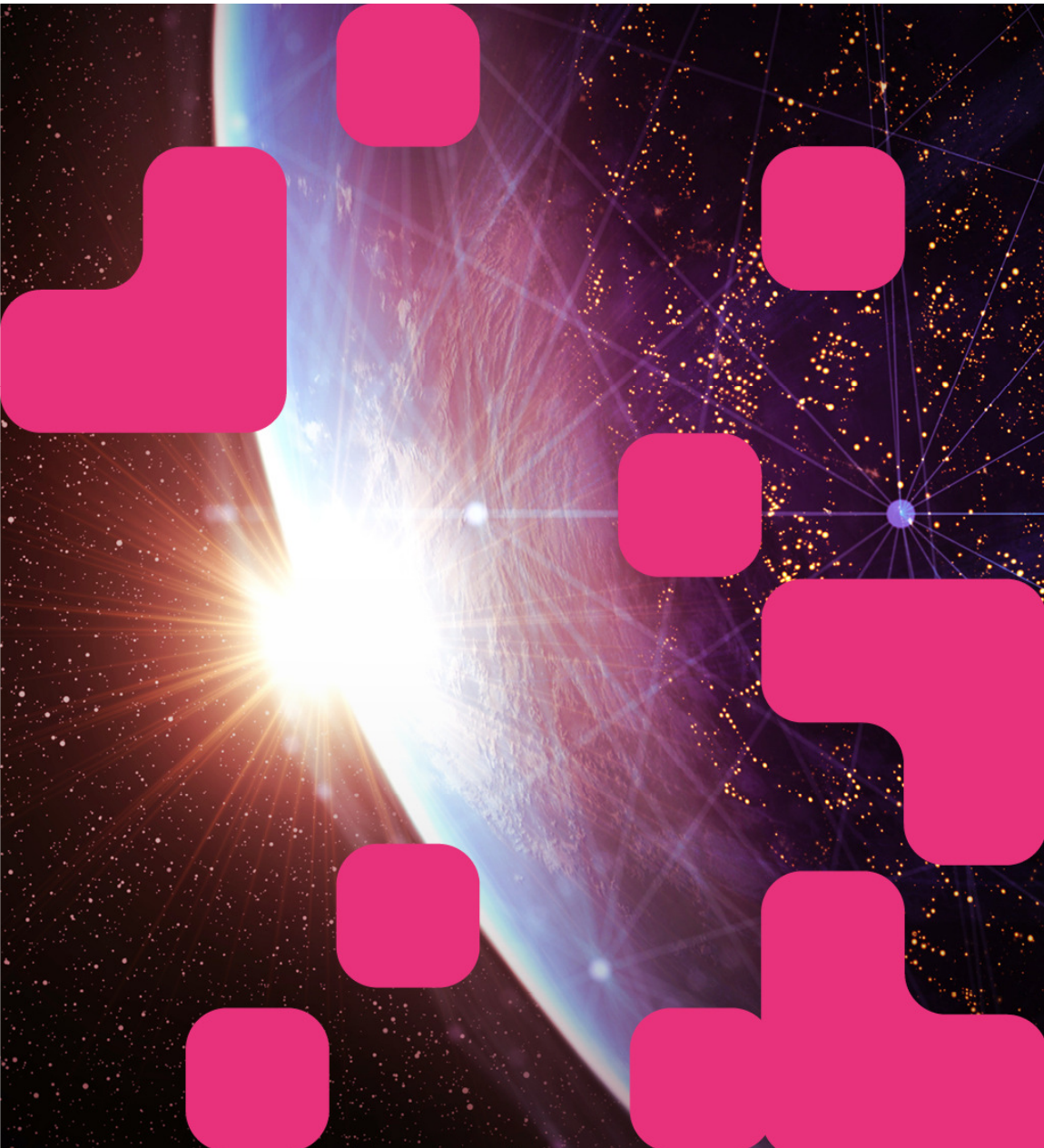
Sociedade Portuguesa de Inovação

MARTEL INNOVATE

UNIVERSITY OF SURREY

BMW GROUP





FEDeRATED



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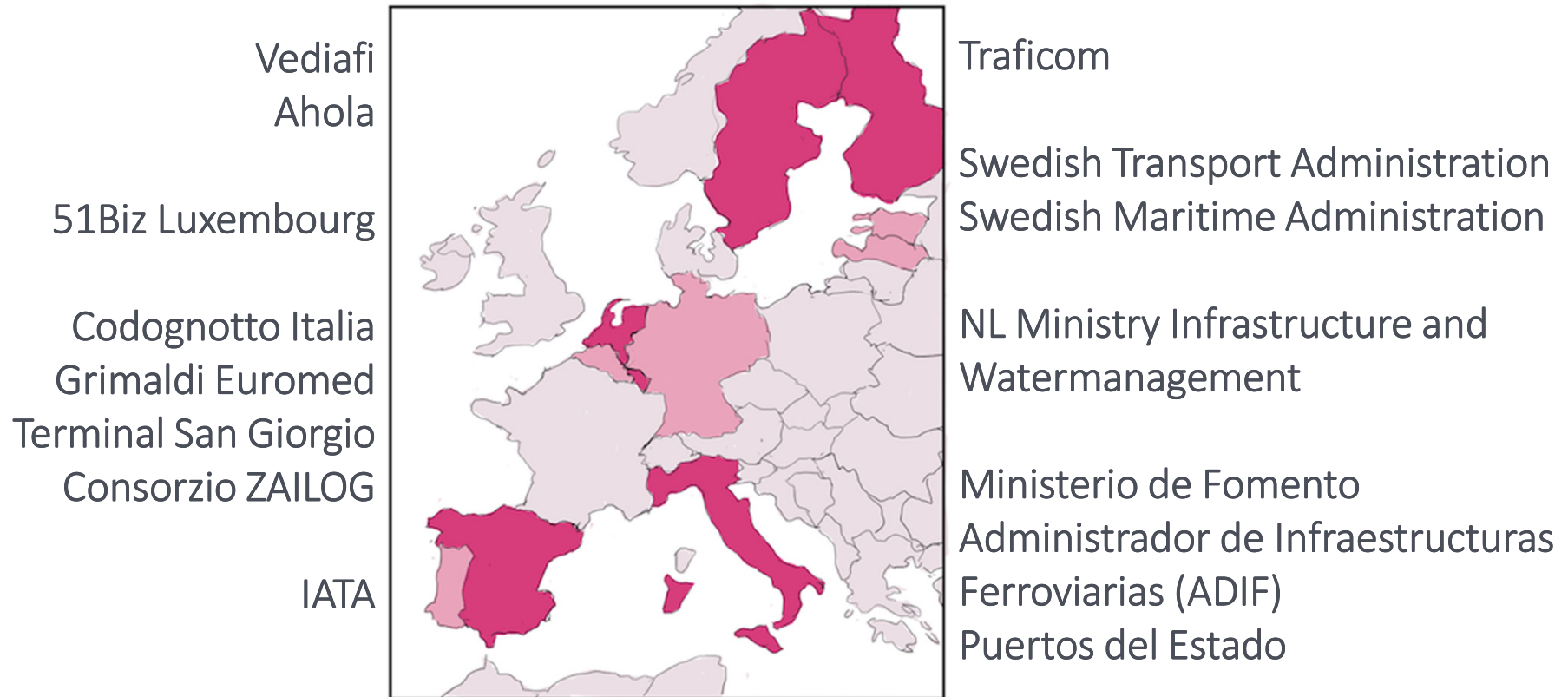
[Contact](#)

Welcome to FEDeRATED - EU project for digital co-operation.

To deliver the foundations for a trustworthy and interoperable business and administrative data sharing infrastructure for freight transport and logistics

Who

15 partners from 6 EU Member States





The way to go

Much information is paper based

B & A -> non interoperationality

A. need B. data to execute public tasks

A. need laws to obtain (and share) B-data

Information needs to be digitized

EU knowledge skills digitization limited

Essential: Harmonized data interoperability

Platforms – data lakes - need accessibility

Wanted: Protocols, IT design, agreements

Rethinking transport

Towards clean and inclusive mobility

27–30 April 2020, Helsinki, Finland



Rethinking transport
traconference.eu
#TRA2020

Hosted and organised by:



Co-organised by:



Together with:



Thank you!

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