



# Transport Corridor Europe-the Caucasus-Asia

## Transport Digitalization Initiatives within the framework of TRACECA

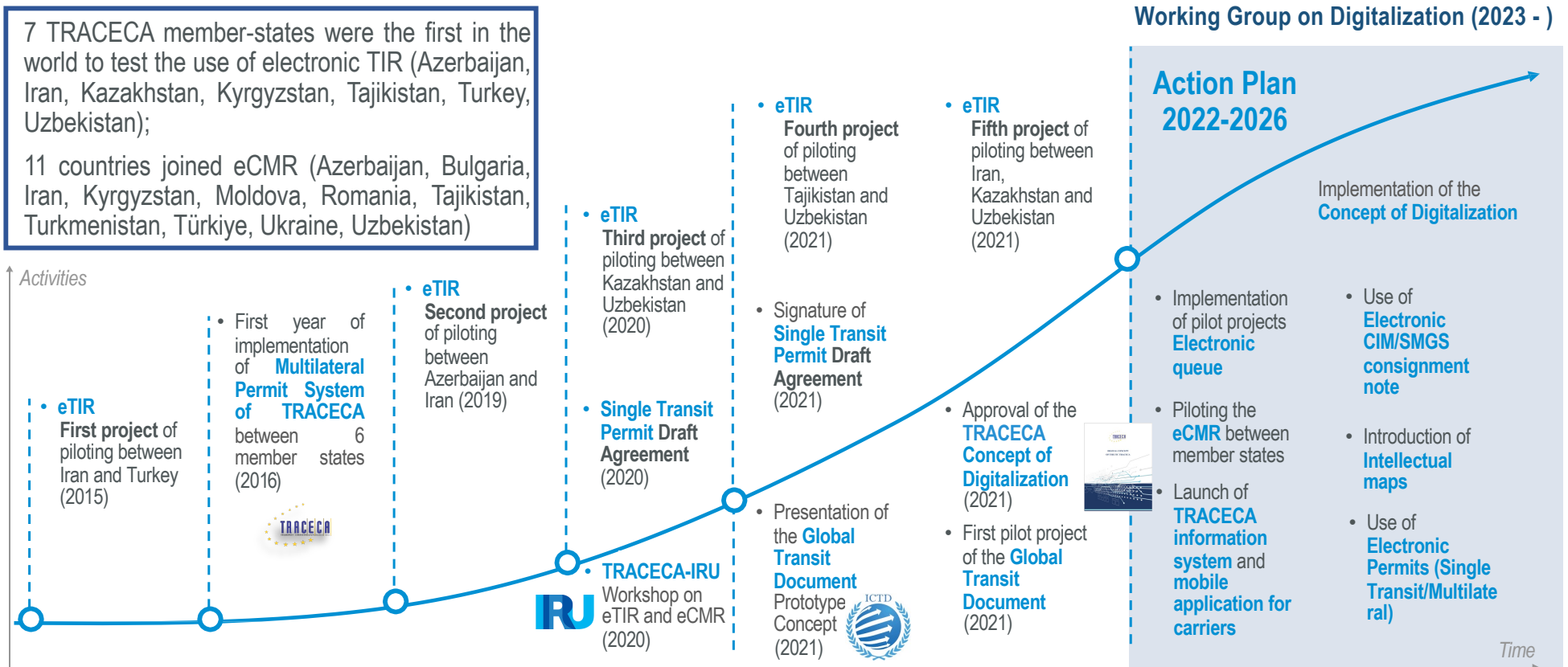


ESCAP Expert Group Meeting on Harnessing Innovative Technologies to Advance  
Green Transformation for Sustainable Development in North and Central Asia

26 – 27 March 2024  
Almaty, Kazakhstan and online

# Projects and Initiatives towards Digitalization

Permanent Secretariat is currently working on initiatives aiming to introduce digital solutions on transport





# Road Transport Permits

## MULTILATERAL PERMIT

- Applied since 2016;
- Used in 6 countries: Armenia, Georgia, Moldova, Romania, Türkiye, Ukraine;
- Right to perform bilateral and transit transportations, as well as transportations to/from third countries.

## INITIATIVE on SINGLE TRANSIT PERMIT

- Reducing the number of permits for transit transportations;
- Simplification of the transport process between the TRACECA countries;
- Increasing the return loading when transporting cargo by ferry vessels;
- Optimization of procedures for obtaining a transit permit;
- Applications of digitalization elements

## ACTION PLAN FOR THE TRANSITION TO ELECTRONIC PERMITS

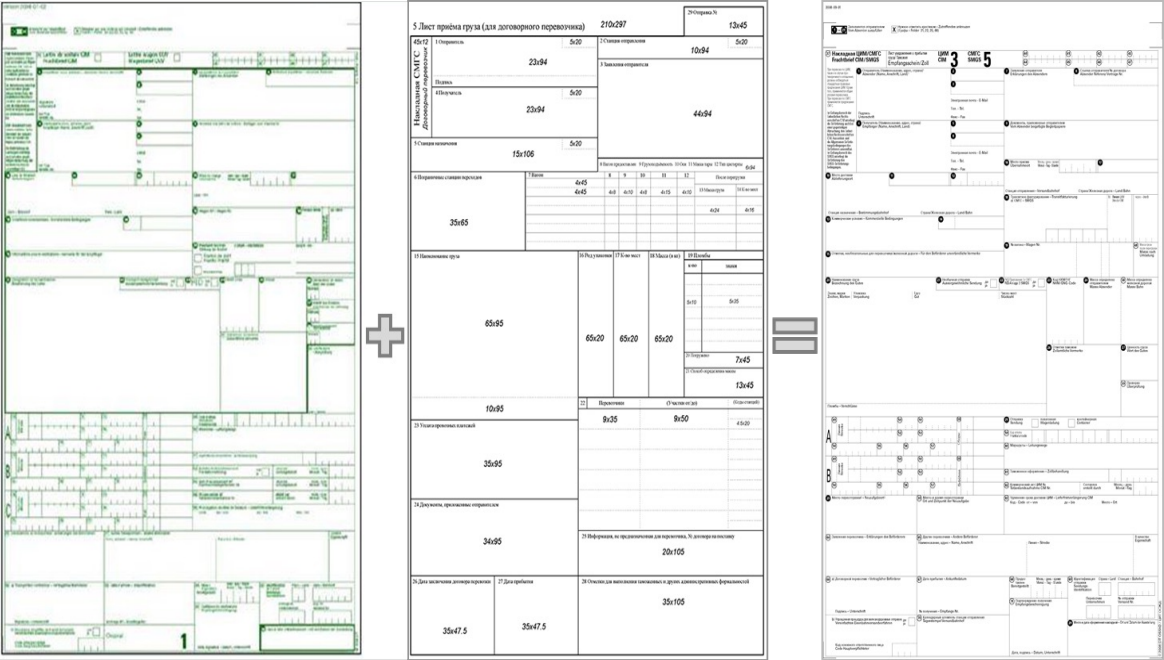
Harmonious and joint transition to the use of electronic permit forms exchanged bilaterally among TRACECA countries

# Workshops on Customs Issues

in cooperation with WCO, EU DG TAXUD, IRU, ADB, ICTD, ...

- International Electronic Customs Transit Systems:
  - Special session for TRACECA member-states that are aspiring to access to the Convention on Common Transit / NCTS
  - CAREC Advanced Transit System (CATS) and the and Information Common Exchange Pilot Project;
  - TIR EPD and eTIR initiatives
- Mechanisms for systematic information exchange;
- Potential use of electronic queue systems;
- Minimum requirements for the equipment of checkpoints;
- Potential organization of joint checkpoints at the borders;
- Mutual Recognition of the Authorized Economic Operators (AEO)

# Use of Electronic CIM/SMGS Consignment Note



CIM

SMGS

CIM/SMGS

Joint OSJD, CIT, UIC,  
UN ECE & TRACECA activity

(2025)

Adoption of an  
International Agreement

- Preparing legal basis for e-CIM/SMGS
- Preparing at national and international level
- Deciding on tools used for information exchange
- Possible piloting for electronic supporting documents
- Conducting internal approval procedures (2024 - 2025)

Piloting e-CIM/SMGS  
(digital twin project)

- Implementation of pilot project
- Testing electronic CIM/SMGS prototype
- Drafting international agreement
- Analyzing supporting documents for further digitalization (2023-2024)

Adoption of Action Plan

- Implementation of Action Plan
- Digitalization of a prototype CIM/SMGS (2023)

Signing MoU between  
interested railways

- Framework for piloting electronic CIM/SMGS consignment note (2023)

3 Joint Workshop

- Use of electronic CIM/SMGS consignment note (2023)

2 Joint Workshop

- Use of electronic CIM/SMGS consignment note (2023)

Initial Survey

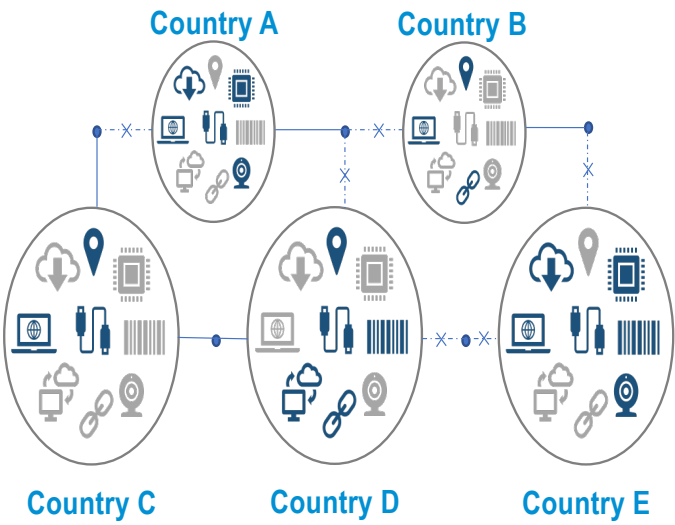
- Survey on use of CIM/SMGS consignment note (2022)

1 Joint Workshop

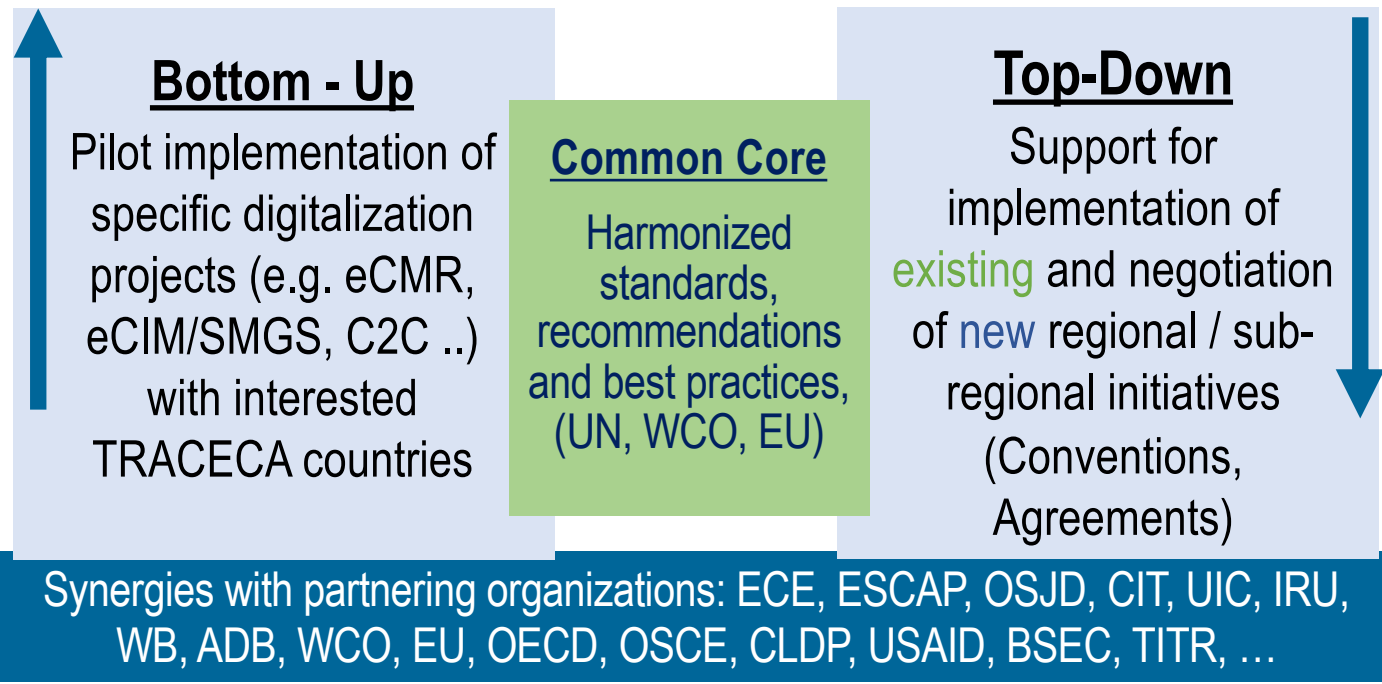
- Use of CIM/SMGS consignment note (2022)

# Digitalization at National Level (Current Situation )

- Different levels of digitalization
- Partial data exchange
- Different approaches and priorities



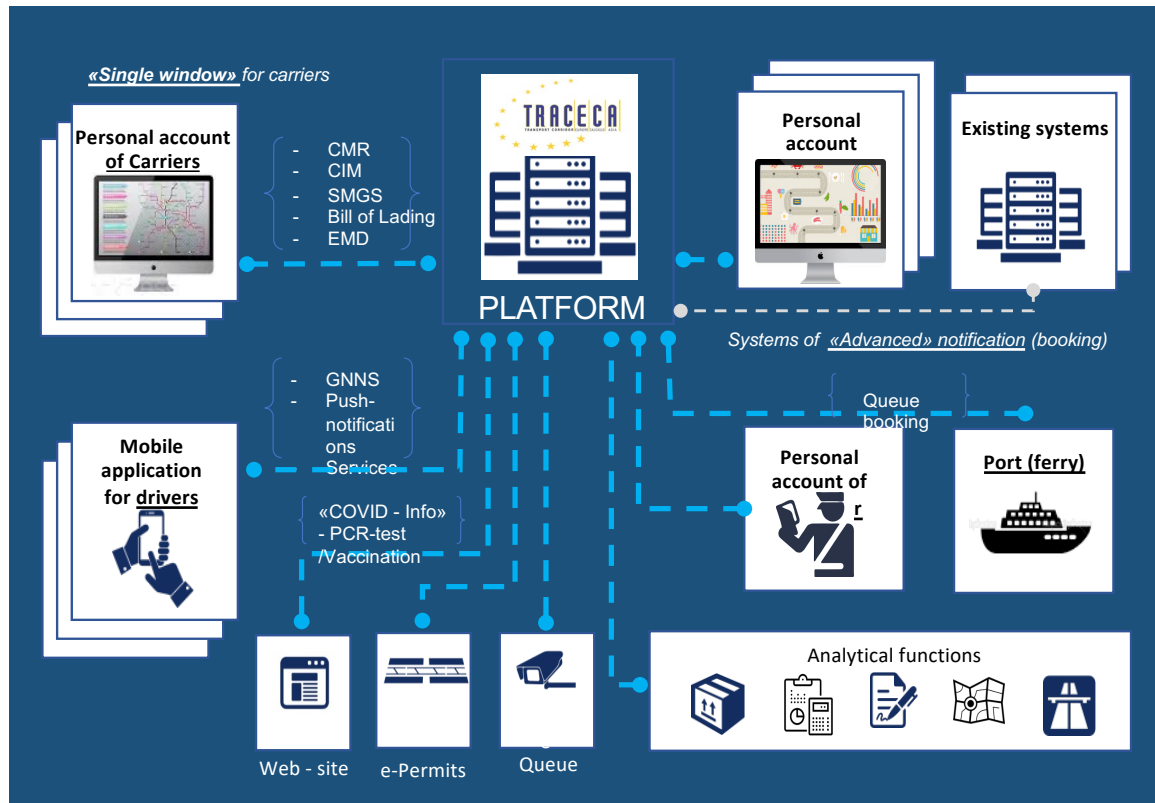
# Approaches in Digitalization of TRACECA Corridor





# IT and Legal Aspects of Corridor Digitalization

Connecting different stakeholders



Assessment of national legislation and development of recommendations on use of electronic transport documents and data exchange

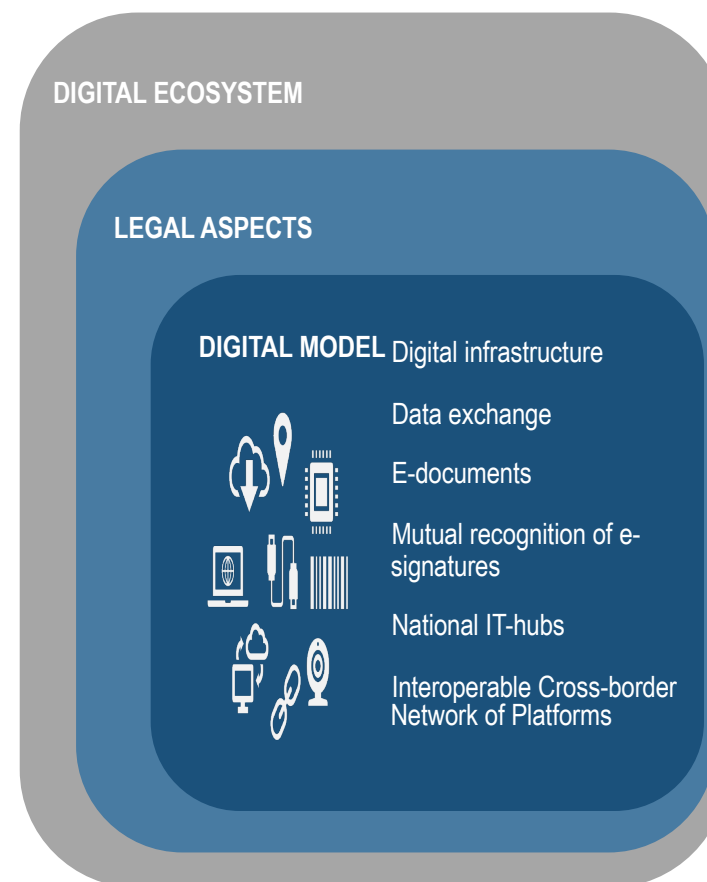


## Draft Framework Agreement on Transport Digitalization (corridor / TRACECA level)

- use of electronic documents;
- data composition;
- methods of data exchange;
- data storage;
- use of electronic digital signatures and mutual recognition;
- authorization methods;
- protection of personal data;
- safety and security;
- concept on national digital hubs / national electronic logistics systems / national digital platforms
- options for connectivity on corridor level (infrastructure design and management)

# Next Steps

- Continued support for limited transport digitalization pilot projects on selected routes
- Sharing experiences / support in harmonized development of national digital hubs / NELS / national e-platforms (transport and logistics)
- Providing international legal framework that supports corridor transport digitalization
- Facilitation / support of cross border connectivity (e.g. Interoperable cross-border network of platforms)





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