Transport Corridor Europe-the Caucasus-Asia

DIGITALIZATION OF FREIGHT TRANSPORT ALONG TRACECA CORRIDOR

Partnerships and synergies in support of implementation pilot projects

XIVth International Capacity-Building Seminar on Trade and Transport Facilitation

Baku, 22-23 May 2023

TRACECA

KEY DATES

May 1993
Initiating of the TRACECA Programme

September 8, 1998
Signature of the Basic Multilateral Agreement on International Transport for Development of the Europe-the Caucasus-Asia corridor (MLA)

March 10, 2000
The First Annual Meeting (Conference) of the Intergovernmental Commission TRACECA on the transport corridor "Europe-the Caucasus-Asia"

February 21, 2001
Official opening of the office of the Permanent Secretariat of the IGC TRACECA in Baku (Azerbaijan)

June 16, 2009
The Agreement on Development of Multimodal Transport TRACECA adopted

The development of economic relations, trade and transport communication in the regions of Europe, the Black Sea, the Caucasus, the Caspian Sea and Asia – one of the main objectives

Intergovernmental Commission

Decision-making structure – Competent Ministries

Permanent Secretariat

Executive structure – Implementation and Monitoring

An official opening ceremony of the office in Baku (left-right) *Minister of Foreign Affairs and representative of Swedish presidency in EU* **Anna Lindh**, *the President of the Republic of Azerbaijan* **Heydar Aliyev**, *Commissioner for External Relations* **Christopher Patten**, *Secretary General/ High Representative of CFSP* **Javier Solana**

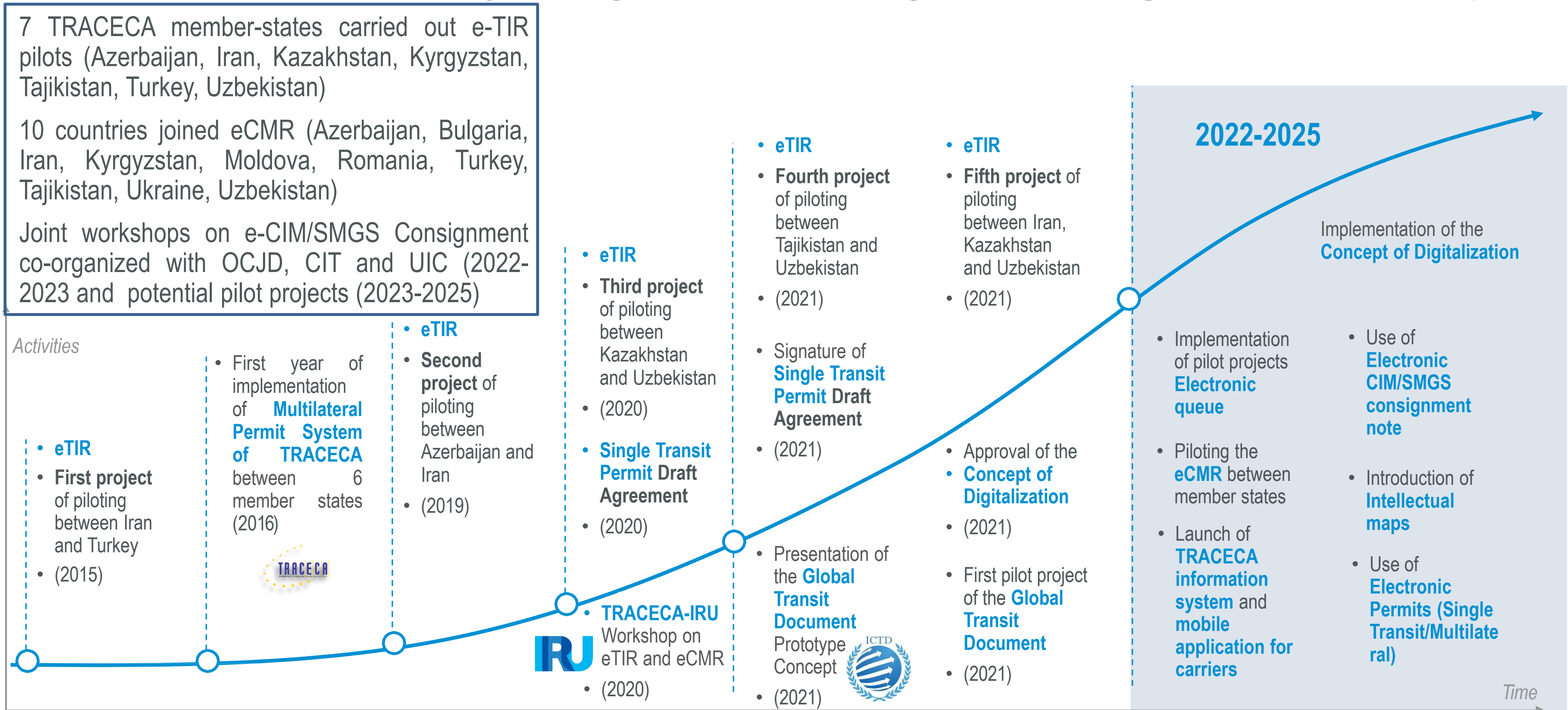**Permanent Representatives (National Secretaries) in 13 member states**

National structure – Focal and Coordinating point between national competent authorities/organizations and the Permanent Secretariat
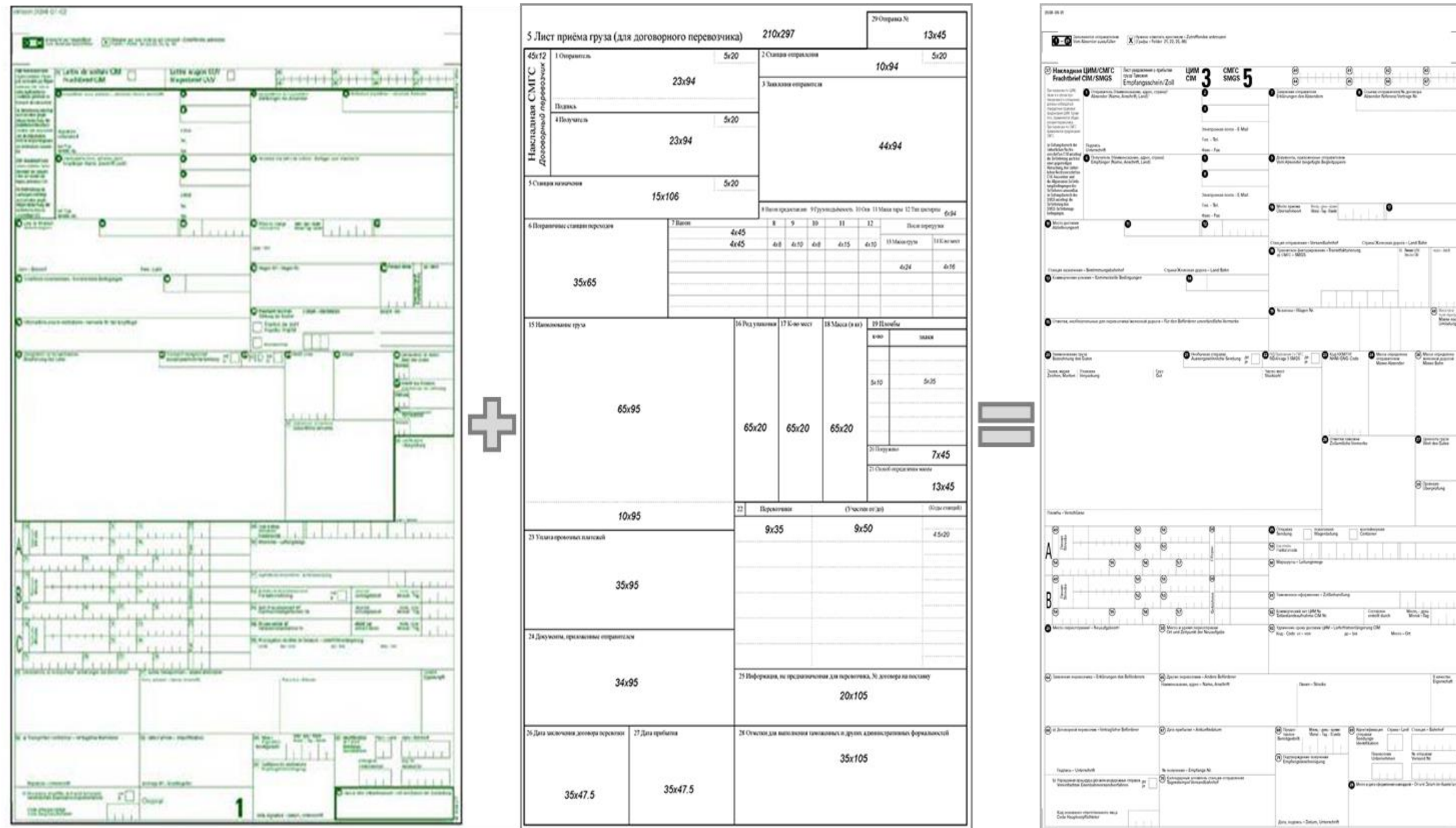
Projects and Initiatives towards Digitalization

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

7 TRACECA member-states carried out e-TIR pilots (Azerbaijan, Iran, Kazakhstan, Kyrgyzstan, Tajikistan, Turkey, Uzbekistan)

10 countries joined eCMR (Azerbaijan, Bulgaria, Iran, Kyrgyzstan, Moldova, Romania, Turkey, Tajikistan, Ukraine, Uzbekistan)

Joint workshops on e-CIM/SMGS Consignment co-organized with OCJD, CIT and UIC (2022-2023 and potential pilot projects (2023-2025)

Activities

- **eTIR**
- **First project** of piloting between Iran and Turkey
- (2015)

- **eTIR**
- **First year** of implementation of **Multilateral Permit System of TRACECA** between 6 member states (2016)

- **eTIR**
- **Second project** of piloting between Azerbaijan and Iran
- (2019)

- **eTIR**
- **Third project** of piloting between Kazakhstan and Uzbekistan
- (2020)

- **Single Transit Permit Draft Agreement**
- (2020)

- **TRACECA-IRU** Workshop on eTIR and eCMR
- (2020)

- **eTIR**
- **Fourth project** of piloting between Tajikistan and Uzbekistan
- (2021)

- Signature of **Single Transit Permit Draft Agreement**
- (2021)

- Presentation of the **Global Transit Document** Prototype Concept
- (2021)

- **eTIR**
- **Fifth project** of piloting between Iran, Kazakhstan and Uzbekistan
- (2021)

- Approval of the **Concept of Digitalization**
- (2021)

- First pilot project of the **Global Transit Document**
- (2021)

2022-2025

Implementation of the **Concept of Digitalization**

- Implementation of pilot projects **Electronic queue**
- Piloting the **eCMR** between member states
- Launch of **TRACECA information system** and **mobile application for carriers**

- Use of **Electronic CIM/SMGS consignment note**
- Introduction of **Intellectual maps**
- Use of **Electronic Permits (Single Transit/Multilateral)**

Time

Digitalization of CIM/SMGS Consignment Note

CIM

SMGS

CIM/SMGS

TRANSITION TO ELECTRONIC USE OF THE CIM/SMGS CONSIGNMENT NOTE

1 Joint Workshop
- Use of CIM/SMGS consignment note

(2022)

Initial Survey
- Survey on use of CIM/SMGS consignment note

(2022)

2 Joint Workshop
- Use of electronic CIM/SMGS consignment note

(2023)

3 Joint Workshop
- Use of electronic CIM/SMGS consignment note

(2023)

Signing MoU between interested railways
- Framework for piloting electronic CIM/SMGS consignment note

(2023)

Adoption of Action Plan
- Implementation of Action Plan
- Digitalization of a prototype CIM/SMGS

(2023)

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 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
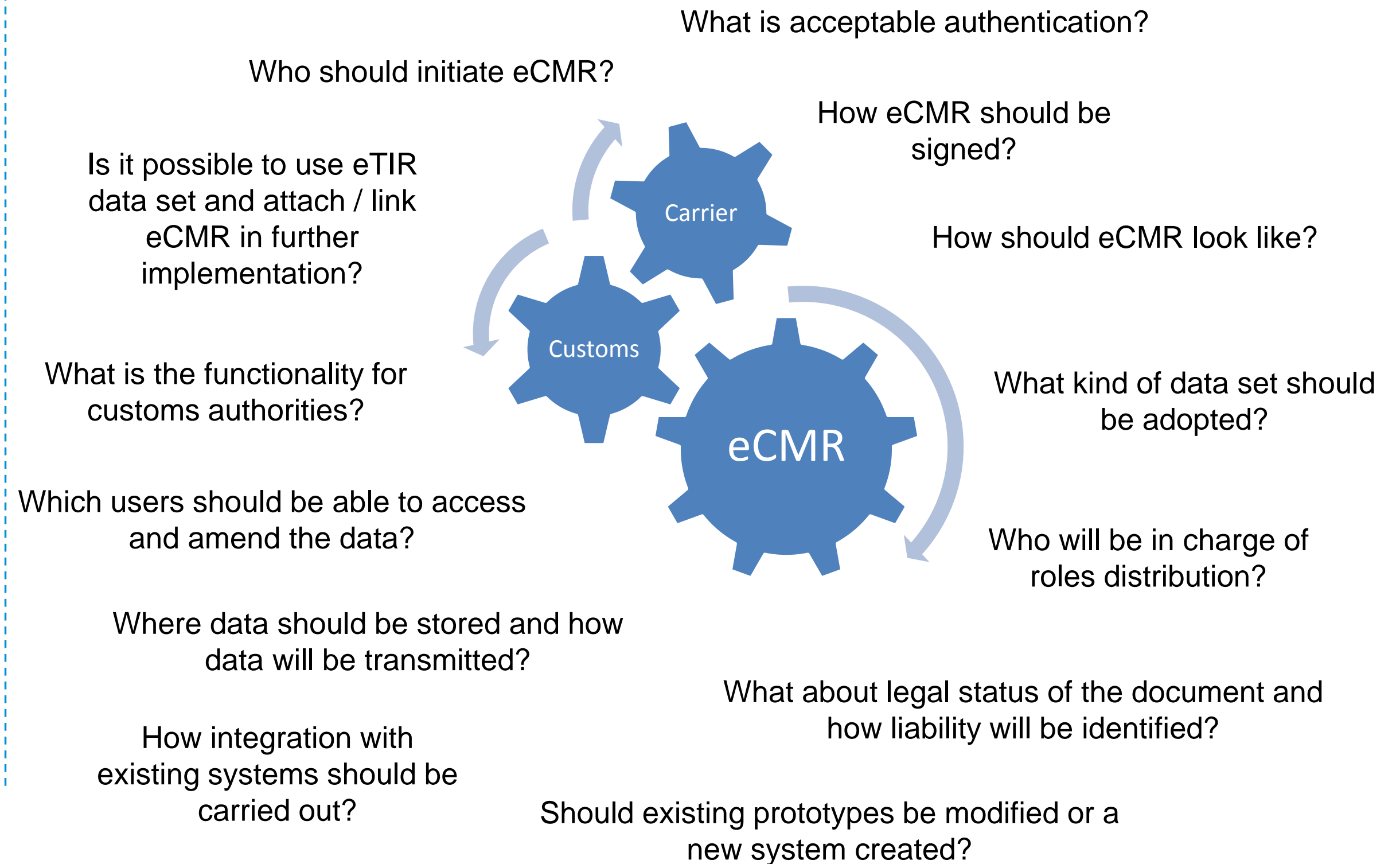- Conducting internal approval procedures

(2024)

(2025)

3

DIGITALIZATION OF CMR

- During 2020 – Analysis of conducted pilot projects on the use of eCMR at the international level

- April, 2021 – Meeting and discussions on TransFollow platform owned by VIASERVICE

- April, 2021 – Meeting and discussions on eCMR prototype development with DLT, piloted by SIS

- May-October, 2021 – Comparative analysis of existing eCMR prototypes and tools

- March-April, 2022 – External consultations with eCMR solutions providers

- May, 2022 – First Meeting of Working group on eCMR pilot project between Tajikistan and Uzbekistan

- May, 2022 – Second Meeting of Working group on eCMR pilot project between Tajikistan and Uzbekistan *(demonstration of Hungarian IS)*

- October, November 2022 – Participation in the Group of Experts on the Operationalization of eCMR (UNECE)

- 2023 – Drafting the next steps on digitalization of CMR

FOR FURTHER CONSIDERATION

Who should initiate eCMR?

What is acceptable authentication?

How eCMR should be signed?

Is it possible to use eTIR data set and attach / link eCMR in further implementation?

Carrier

How should eCMR look like?

Customs

eCMR

What is the functionality for customs authorities?

What kind of data set should be adopted?

Which users should be able to access and amend the data?

Who will be in charge of roles distribution?

Where data should be stored and how data will be transmitted?

What about legal status of the document and how liability will be identified?

How integration with existing systems should be carried out?

Should existing prototypes be modified or a new system created?
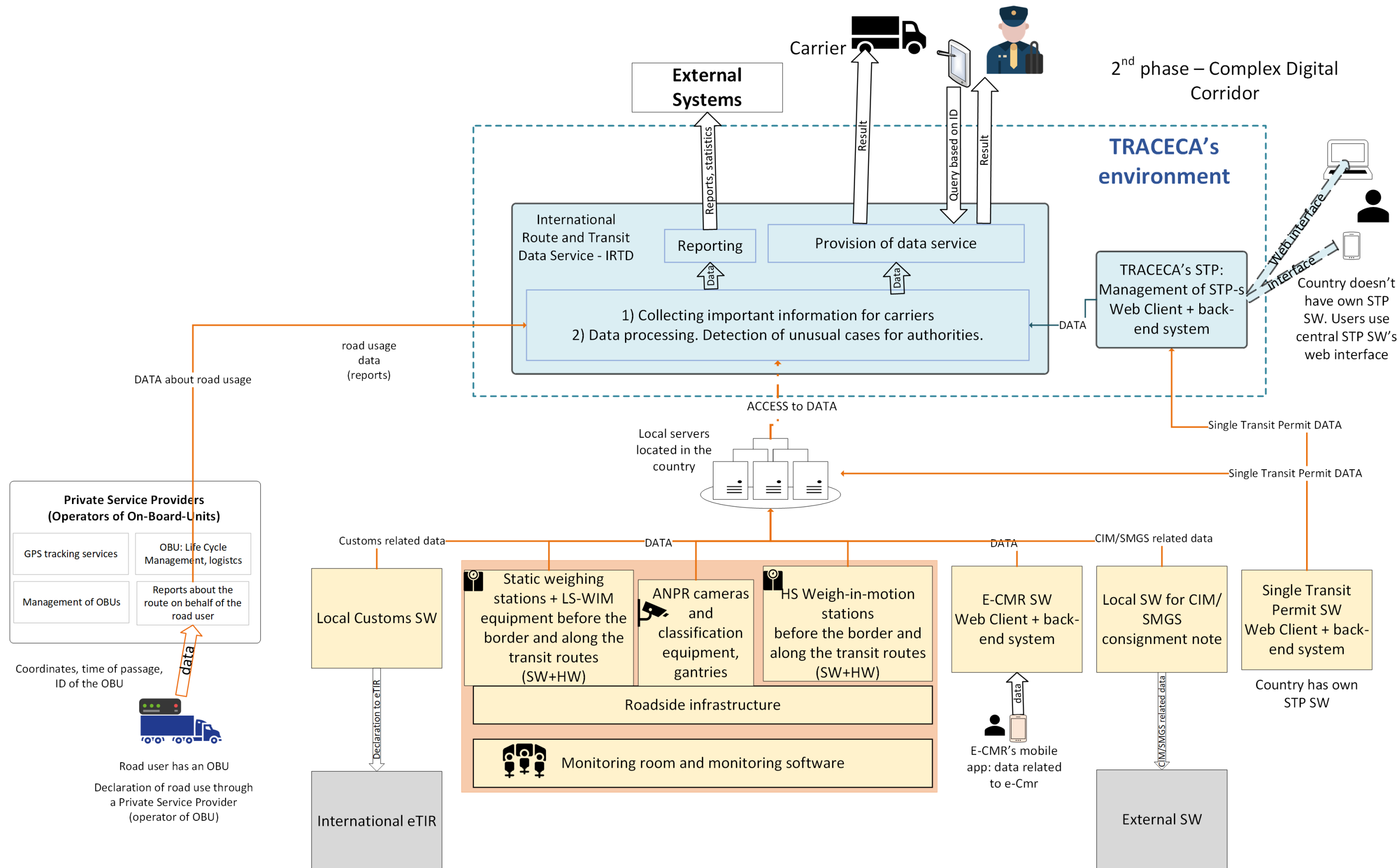
DIGITAL CORRIDOR CONCEPT

Digital Concept will be the main guide to digitalization of the corridor in various modes of transport

MAIN OBJECTIVES

- Digitalization and mutual recognition of e-documents;
- Modernization of existing IT, roadside, and server infrastructure;
- Removal of physical, legal, and administrative barriers so that goods can get from one point to another as quickly as possible;
- Creation of a unified environment and unified platform for data exchange and interoperability between different solutions

KEY AREAS

- Digitalization of Multilateral Permits System of TRACECA
- Implementation of Agreement on a Single Transit Permit of TRACECA (e-Permit)
- Implementation of e-TIR, e-CMR, e-CIM/SMGS
- use special roadside equipment (license plate recognition cameras, classification equipment, lasers, static scales, high-speed weigh-in-motion sensors, low-speed weigh-in-motion sensors, etc.)
- International data service platform for carriers and authorities (on TRACECA level)
- Use of fast-track lanes

POTENTIAL TRACECA PILOT PROJECTS
with multilateral – corridor approach along selected TRACECA routes
Possibilities for funding / partnerships / synergies to be considered

Use of Systematic Exchange of Data – (e.g., SEED system) for Customs authorities along TRACECA corridor

Implementation of e-CIM/SMGS railway consignment note along selected TRACECA routes:

  a. Upgrades, adaptation or development of new IT solution(s) for cross-border electronic information exchange (e.g., railways-to-railways) for use of e-CIM/SMGS railway consignment note

  b. Implementation of regional (TRACECA) arrangement on use of e-CIM/SMGS railway consignment note as Customs transit declaration

Support for introduction of Digital Transport Corridor Concept along TRACECA corridor (including with expansion of EU4Digital Initiative)

  a. Digitalization of TRACECA road transport permits

  b. Support for development of interoperable National e-Logistics Systems among TRACECA countries

  c. Development of unified environment and unified platform on TRACECA level for data exchange and interoperability between different solutions

Enhancement of Authorized Economic Operators programmes and mutual recognition among TRACECA countries

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