

Use of the CIM/SMGS electronic consignment note on selected routes of TRACECA



**ҚАЗАҚСТАН
ТЕМІР
ЖОЛЫ**



Electronic interaction of JSC «NC «KTZ» with adjacent railway

Electronic data exchange with adjacent railway over 5 months 2024

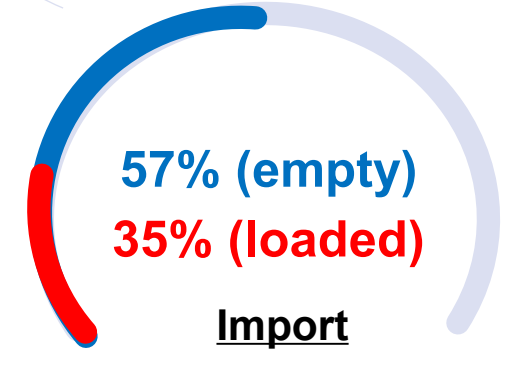
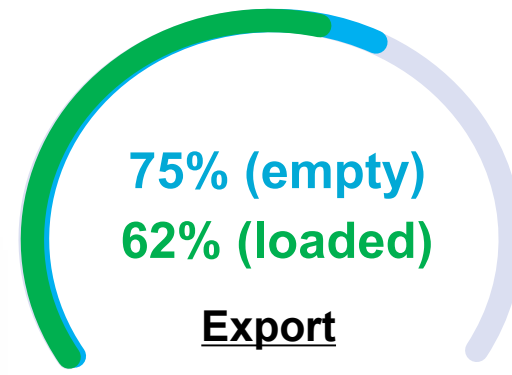
	KZD	Iftmin (CMFC)	received: 20 709	sent: 28 494
	AZD	Iftmin (CMFC)	received: 1 617	sent: 8 332
	CZD	Iftmin (CMFC)	received: 486 086	sent: 184 050
	RZD	Iftmin (CMFC)	received: 281 488	sent: 345 427



Development of paperless technology for processing transportation documents




Cooperation on paperless technology for processing transportation documents with the use of electronic digital signature and confirmation by the Trusted Third Party has been achieved with JSCo "RZD"




The percentage of wagons processed using paperless technology within KZ is **99,7%**

Work done on the transition to the use of the CIM/SMGS electronic consignment note




A preliminary analysis of the legal aspects of using the CIM/SMGS electronic consignment note has been carried out

1. Existence in national legislation of the Law “On Electronic Documents and Electronic Digital Signatures” that allows to proceed documents in digital format with the use of electronic digital signature.
2. Amendments in terms of route additions in all directions to Annex 1 of the “Guidelines to the CIM/SMGS electronic consignment note” have been made that allows to transport goods from Kazakhstan for export using the CIM/SMGS electronic consignment note



A preliminary analysis of the technical (IT) aspects of using the CIM/SMGS electronic consignment note has been carried out

1. Existence of an automated system that allows to input data from the CIM/SMGS consignment note issued on paper.
2. Implementation of electronic data exchange within the volume of CIM/SMGS consignment note in accordance to EDIFACT standards with JSCo "RZD".
3. Existence of communication channel with AZD, within which electronic data exchange is carried out in the volume of SMGS.



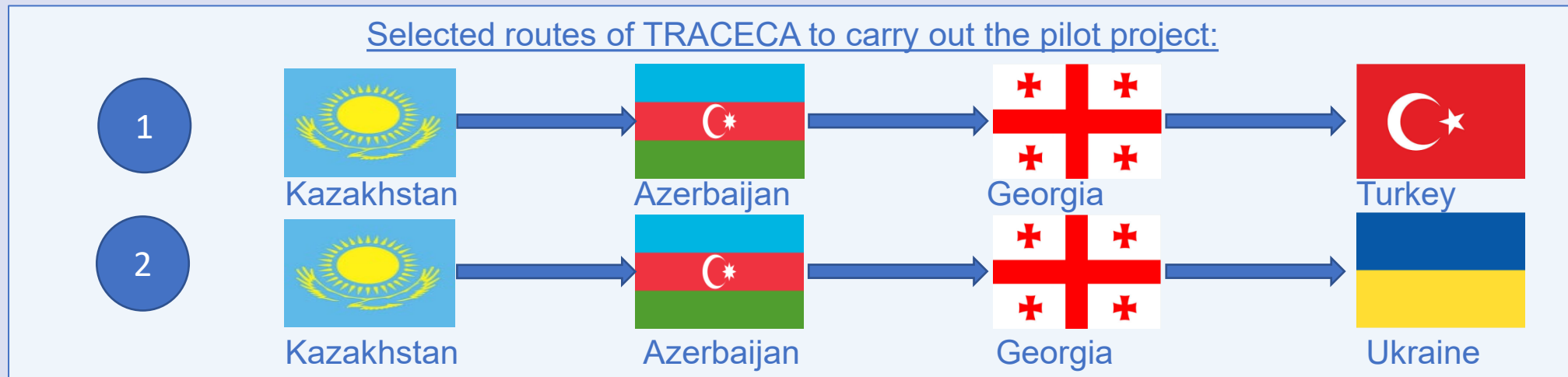
A Memorandum of Understanding was concluded between railway operators in Azerbaijan, Georgia, Kazakhstan, Turkey and Ukraine on organizing pilot project(s) to use the CIM/SMGS electronic consignment note on selected routes of TRACECA

Within the concluded Memorandum an agreement on the launch of the pilot project was reached :

- 1 stage - transportation with the use of paper based CIM/SMGS consignment note;
- 2 stage - use of paper based CIM/SMGS consignment note and parallel transmission of consignment note data electronically (developed for the project using international standards) if the participants are technically ready;
- 3 stage – use of electronic based CIM/SMGS consignment note, issued on paper, if the participants are ready within the legal framework in the system of national legislation and in technical terms.

Conducting initial virtual testing of the CIM/SMGS electronic consignment note

1. From 3-7 June 2024 an initial virtual testing has been carried out, within which based on a digital prototype of the CIM/SMGS electronic consignment note, that was developed by a consultant (XML scheme, XSD structure), 4 messages were generated sent via email to Azerbaijan, Georgia, Turkey and Ukraine.
2. Analysis of received messages for compliance with the Regulations on CIM/SMGS stated in the Annex 6 of the “Guidelines to the CIM/SMGS electronic consignment note” has been carried out.
3. Based on the results of the analysis, we propose:
 - 1) Consider the structure option proposed by Ukrainian Railways due to practical use of this structure in Ukraine;
 - 2) Develop instructions for the CIM/SMGS electronic consignment note development by analogy with the Memo on electronic messaging in UN/EDIFACT structure of the Organization for Co-operation between Railways in Russian and English;
 - 3) In order to organize electronic document flow using a legally significant CIM/SMGS electronic consignment note we ask the Intergovernmental Commission (IGC) TRACECA for assistance in carrying out works on the implementation of the electronic digital signature and settlement of mutual recognition of certification authorities, trusted third party on selected routes of TRACECA.





THANK YOU FOR YOUR ATTENTION!

