



铁路合作组织委员会

КОМИТЕТ ОРГАНИЗАЦИИ СОТРУДНИЧЕСТВА ЖЕЛЕЗНЫХ ДОРОГ
COMMITTEE OF THE ORGANISATION FOR COOPERATION BETWEEN RAILWAYS

DIGITAL TRANSFORMATION IN RAILWAY TRANSPORT

21-22 November 2023, Baku, Azerbaijan

Mirosław Antonowicz
Chairman of OSJD Committee

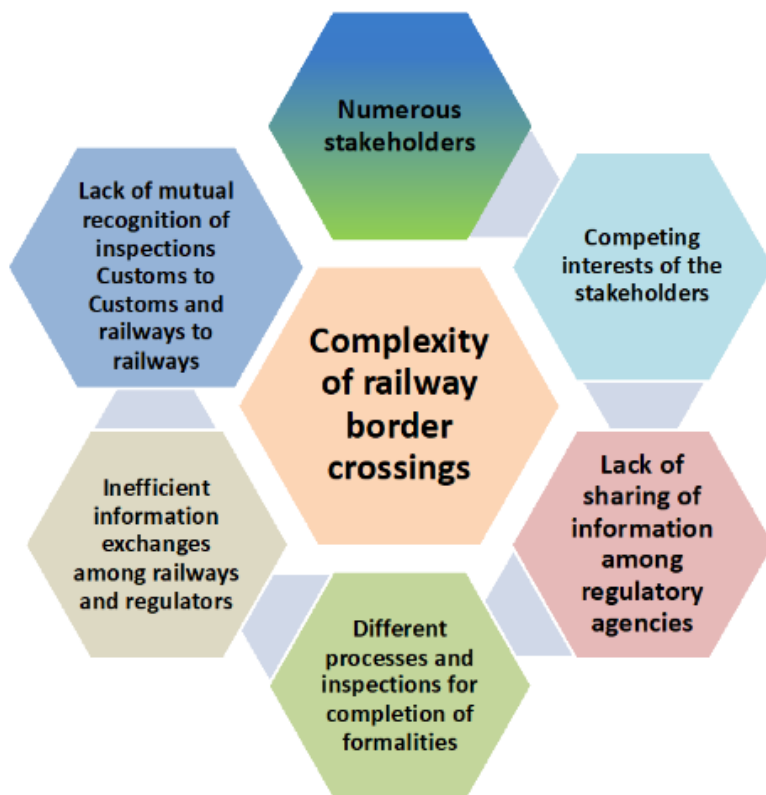
Organisation for Cooperation between Railways



- Improvement of international railway transport
- Development of consentaneous transport policy
- Improvement of international transport law
- Promoting digitalization and new technologies
- Promoting green technologies and solutions
- Intermodal, multimodal and combined transport

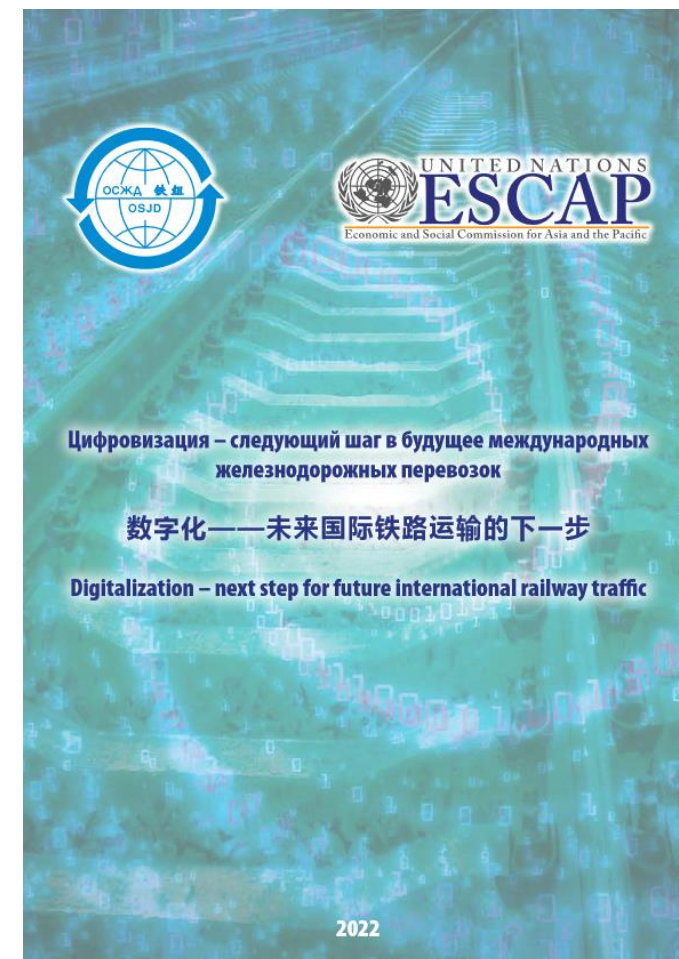


Railway border crossing



STREAMLINING CUSTOMS FORMALITIES FOR INTERNATIONAL RAILWAY TRANSPORT USING ELECTRONIC INFORMATION EXCHANGE

- ❑ Consignment note as customs transit declaration.
- ❑ Use of new technologies at rail border crossings.
- ❑ Implementation of joint control measures.
- ❑ Electronic pre-arrival intimation will support advance risk assessment.
- ❑ Electronic interface between railway and border agencies for streamlining customs formalities.
- ❑ Facilitated customs formalities for rail transit including simplified procedures for authorized rail operators.



OSJD-ESCAP joint document on potential of electronic information exchange to streamline customs formalities in international railway transport



UNECE document package on standard for digitization of information flows along supply chains

1. Standards developed for digitalization Information flows in different parts of the supply chain before 2020:	3. Standardized data exchange to support intermodal cargo transfers – standards package for digitalization of multimodal data exchange
<ol style="list-style-type: none"> 1. e-CMR 2. Inter-branch invoice 3. Cross-industry delivery 4. Inter-industry catalogue 5. Cross-industry quote 6. Cross-industry advice on money transfers 7. Cross-industry planning 8. Ordering process in various industries 9. Details of the Material Safety Data Sheet (MSDS) 10. Management of the financial implementation of contracts 11. Information about market research 12. Verified gross mass documents (VERMAS) 13. International forwarding and transfer documents 14. Information about smart containers 15. Numerous agricultural certificates, accounting and other documents 	<ol style="list-style-type: none"> 1. Inland water transport contract document (IWT "Bill of Lading"; CMNI consignment note, etc.) 2. Sea waybill 3. CIM/SMGS and SMGS waybills 4. CIM/SMGS wagon list (+ Trade Act etc.) 5. eCERT (sanitary and phytosanitary) certificates and basics 6. For other certificates): aligned with Buy-Ship-Pay
2. Standards for exchange logistics data and documents published in October 2020, www.unttc.org and https://unece.org/trade/uncefact/mainstandards	4. Standardized documents for air cargo and dangerous goods:
<ol style="list-style-type: none"> 1. Temporary reservation 2. Corporate reservation 3. Confirmation 4. Shipping instructions 5. Waybill 6. Status report 7. Status request 8. Packing list 9. RASFF (Rapid Alert on Food and Feed Safety) 	<ol style="list-style-type: none"> 1. Air waybill 2. Declaration of dangerous goods 3. Shipment security declaration <p>Electronic version of the multimodal FIATA Lading bill launched in 2022; work on three other FIATA documents is underway</p>

UNECE Package of Standards and Supporting Tools, United Nations Economic Commission for Europe, 2023



Conditions for the development of the transport sector



SECURITY



SCIENTIFIC AND
TECHNICAL
PROGRESS



COMMON WILL



COOPERATION



CARE FOR THE
ENVIRONMENT



CONNECTIVITY