



e-CMR standardisation

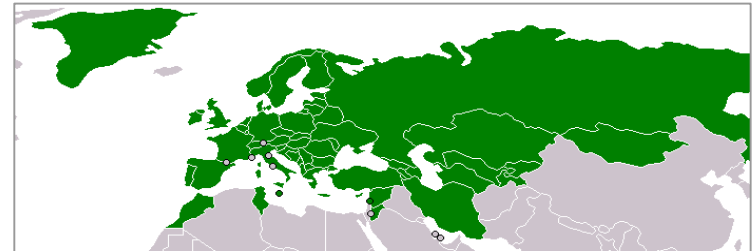
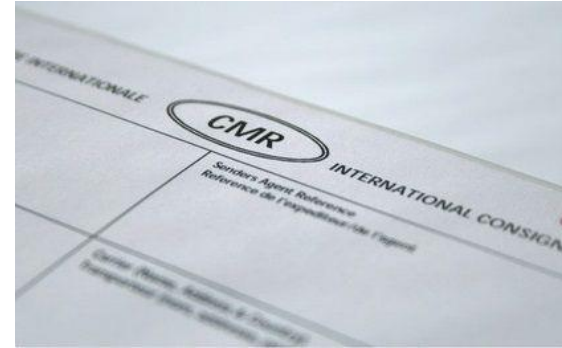
Evgeniya Iafaev

e-CMR Project Leader UN/CEFACT & IT Project Manager, IRU

Date: 29.03.2017

CMR background

- 1956 – CMR convention adopted
- 1976 – Model CMR consignment note developed by IRU, in cooperation with the International Chamber of Commerce (ICC)
- 2007 – Model CMR consignment note updated by IRU and is now used by most, if not all parties to contracts of carriage in CMR contracting countries.
- 2008 – Additional Protocol to the CMR, considering electronic consignment note (e-CMR)



Current process flow

1



Consignor

Prepares and coordinates CMR contract

red : copy for the consignor

blue : copy for the consignee (this copy accompanies the goods throughout the entire transport)

green: copy for the carrier

2



Carrier

On taken over goods, checks the accuracy of data in CMR (qty of packages, condition of goods, their packaging and etc).
Signs the CMR note (with reservations if needed)

3



Consignee

Consignee acknowledge the receipt of goods upon its verification.

CMR is prima facie evidence of the making of the contract of carriage, the conditions of the contract and the receipt of the goods by the carrier.

11 countries adoptes e-CMR protocol

United Nations Economic Commission for Europe

Invitation
to a Signing Ceremony
for the



Electronic Contract for the International Carriage of Goods by Road (e-CMR)

> To e-CMR
The natural technological development of the 21st century with

- > Faster and more efficient information transfer
- > Reliable and secure data exchange
- > Inalterability of the message
- > Less labour intensive
- > Less expensive

From CMR
A paper-based system which is:

- Time-consuming
- Human resource intensive
- Needlessly expensive

> Benefits
Enhanced commercial relations for the public and private sectors with:

- > Reduced scope for human error and manipulation
- > Understanding and acceptance of the message by the consignee
- > Identification of the parties and signature authentication
- > Advances e-governance - a key characteristic of modern economies

So far, 12 initial countries have declared their intention to sign. The Protocol shall enter into force on the ninetieth day after five of the States have deposited their instruments of ratification or accession.

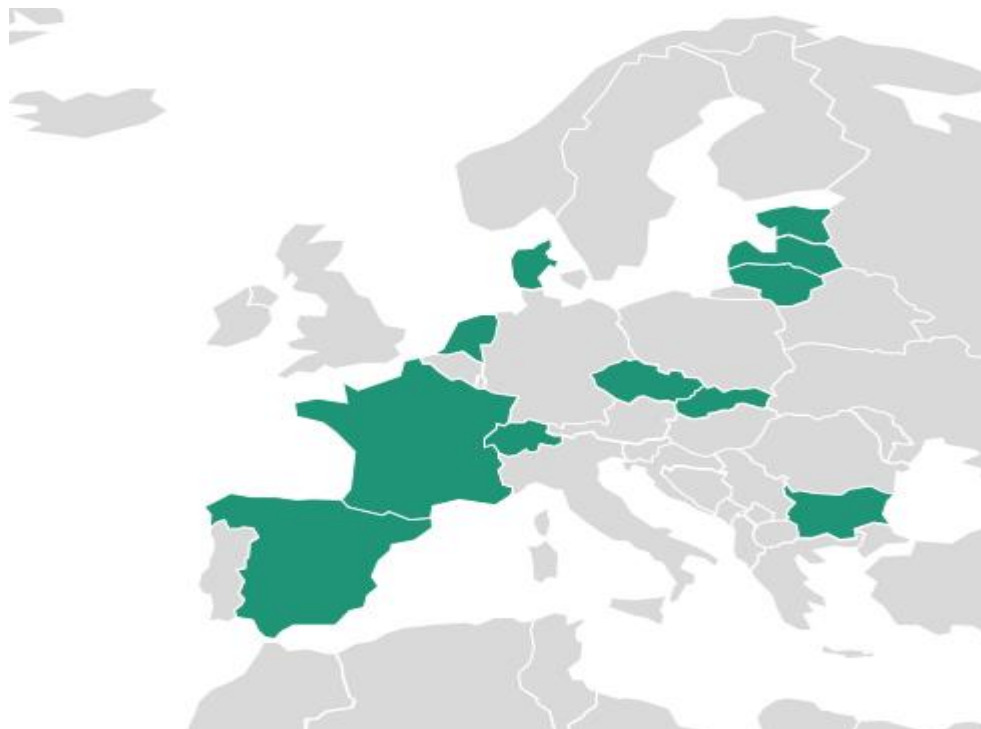
Delegates must have full powers to be able to sign the Protocol. According to the Vienna Convention on the Law of Treaty, 1969, "full powers" means a document emanating from the competent authority of a State designating a person or persons to represent the State for negotiating, adopting or authenticating the text of a treaty, for expressing the consent of this State to be bound by a treaty or for accomplishing any other act with respect to a treaty. Only authorized representatives of the Contracting Parties to the CMR Convention can sign this Additional protocol.

When
Tuesday 27 May 2008 at 10.00

Where
Salle V, Palais des Nations, Geneva

For more information:
Mrs. Virginia Tanase - Tel: +41 (0) 22 917 3389 - Email: infotransport@unece.org - www.unece.org/trans

The Protocol will be open for signature from 27 to 30 May 2008 in Geneva, and after this date, at United Nations Headquarters in New York until 30 June 2009 inclusive. On 27 May a signing ceremony will be organized at the Palais des Nations.



Additional countries



United Nations Economic Commission for Europe

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UNITED NATIONS

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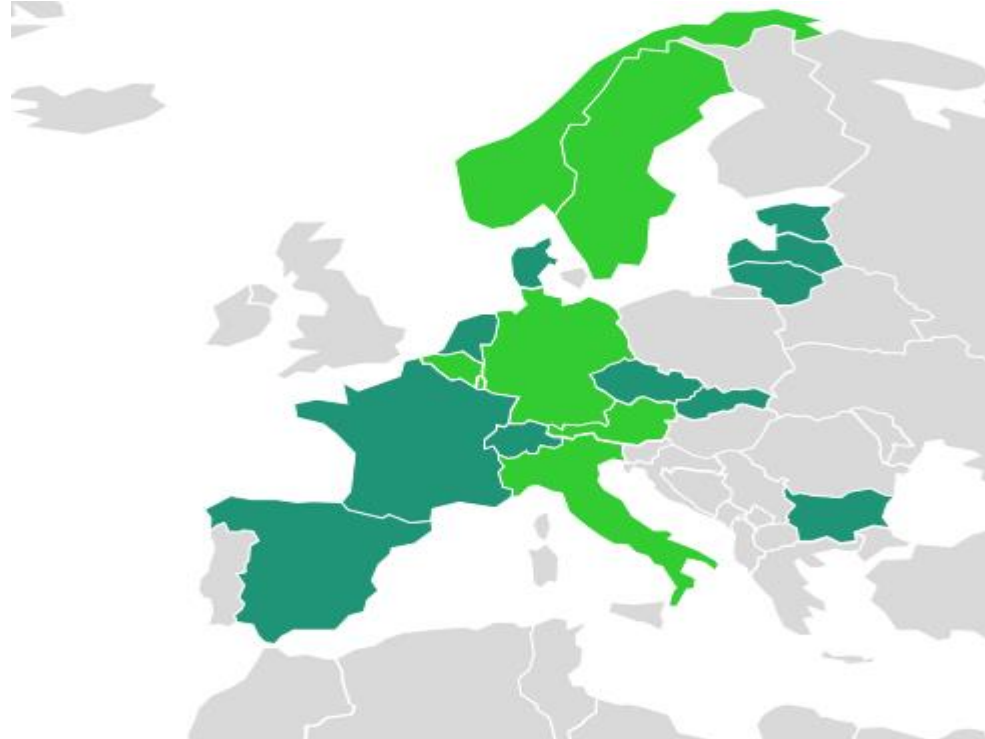
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- Financials: full handling costs 3-4x lower than with paper
 - Faster administration (reduced data entry, no paper handling, no fax/scan/letter exchanges, no paper archiving, etc)
 - Faster invoicing
 - Reduction of delivery and reception discrepancies
- Transparency and traceability
 - Data accuracy
 - Control and monitoring of the shipment
 - Real-time access to the information & proof of pick-up and delivery

UN/CEFACT: e-CMR project

The screenshot shows the UN/CEFACT website interface. The top navigation bar includes 'UN/CEFACT PROJECTS' and a search bar. A red box highlights the 'Electronic Consignment Note UNSM (e-CMR)' link in the navigation menu. The main content area displays the project details for 'ELECTRONIC CONSIGNMENT NOTE UNSM (E-CMR)'. Below the title is a table with the following data:

SUBMITTED DATE	LAST UPDATE DATE	VERSION	APPROVAL STATUS	PROJECT PAGE
2016-06-20	2016-06-20	1.0	OFFICIAL	Electronic Consignment Note UNSM (e-CMR)

Below the table, there are sections for 'PROJECT PURPOSE', 'PROJECT SCOPE', and 'PROJECT DELIVERABLES'. The 'PROJECT PURPOSE' section states: 'The project's purpose is to develop and publish an international XML "Electronic Consignment Note" message (e-CMR) for international and national transportation of goods by road.' The 'PROJECT SCOPE' section states: 'Additional protocol to the convention on the contract for the international carriage of goods by road (CMR) concerning the electronic consignment note has been entered into force on 5 June 2011. Protocol has been ratified by numerous countries of European Union thus allowing performing road carriage of goods by road on their territories with the use of electronic consignment note. Furthermore, the development of appropriate technical solutions has already started by different private companies. The project scope is to standardize and harmonise the electronic consignment note message to be exchanged between carrier, shipper and receiver of the goods. Such electronic message shall be considered as an electronic contract of carriage of goods by road in accordance with the provisions of the above-mentioned protocol. Furthermore, the implementation of standardised electronic consignment note message may facilitate further interactions with other modes of transport.'

e-CMR project deliverables:

- Subset BRS for Electronic Consignment Note based on MMT
- CCBDA RSM for Electronic Consignment Note based on MMT
- An XML schema of the Electronic Consignment Note Message
- Mapping to the relevant existing EDIFACT UNSM (IFTMIN)

Source: <https://www2.unece.org/cefact/pages/viewpage.action?pagelId=9601458>

UN/CEFACT: e-CMR project support

UN/CEFACT Project Proposal Electronic Consignment Note UNSM (e-CMR)

First Submitted Date: 2016-06-20

1. Project purpose

The project's purpose is to develop and publish an international XML "Electronic Consignment Note" message (e-CMR) for international and national transportation of goods by road.

2. Project scope

Additional protocol to the convention on the contract for the international carriage of goods by road (CMR) concerning the electronic consignment note has been entered into force on 5 June 2011. Protocol has been ratified by numerous countries of European Union thus allowing performing road carriage of goods by road on their territories with the use of electronic consignment note. Furthermore, the development of appropriate technical solutions has already started by different private companies.

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e-CMR project proposal – approved by UN/CEFACT

Project proposal has been supported by Head of Delegations of



Germany



Netherland



Ukraine

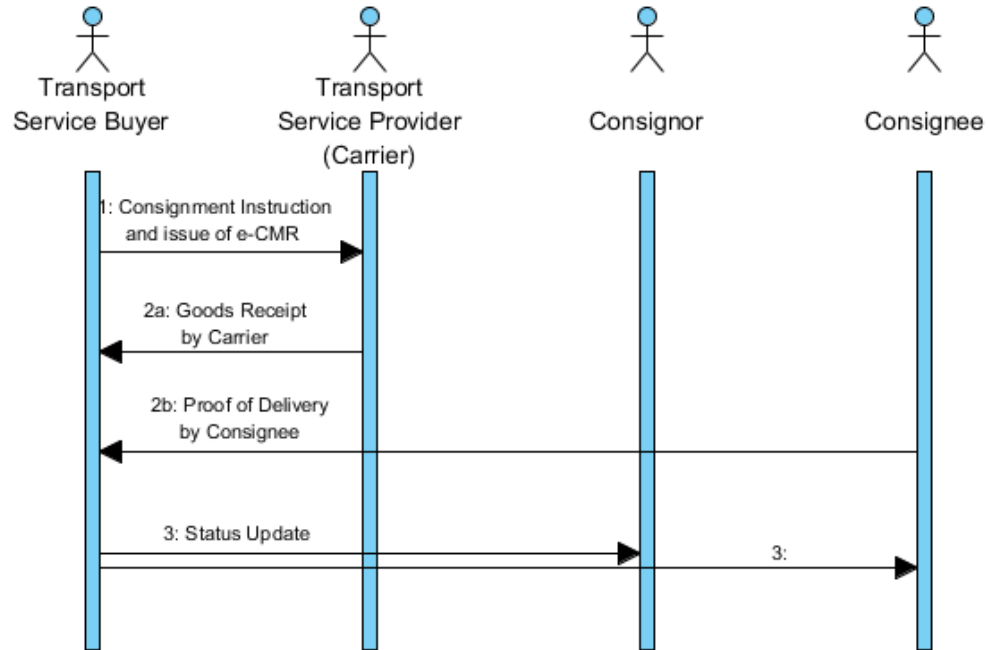
Call for participation launched

Following approval of the [Electronic Consignment Note UNSM \(e-CMR\) Project Proposal](#) in the [Ship PDA](#), this is to announce a call for participation. The scope of the project is to develop an international [XML "Electronic Consignment Note" message \(e-CMR\)](#) foreseen by the additional protocol to the convention on the contract for the international carriage of goods by road (CMR).

Relevant experts and interested parties are invited to join the project team.

The screenshot shows the UN/CEFACT website interface. The main content area features a section titled "UN/CEFACT" with a sub-heading "UN CENTRE FOR TRADE FACILITATION AND E-BUSINESS (UN/CEFACT) / UN/CEFACT". Below this, there is a "Trade Programme" section. A red box highlights a "Recent News" item dated "12 August 2016" which reads: "Following approval of the Electronic Consignment Note UNSM (e-CMR) Project Proposal in the Ship PDA, this is to announce a call for participation. The scope of the project is to develop an international XML 'Electronic Consignment Note' message (e-CMR) foreseen by the additional protocol to the convention on the contract for the international carriage of goods by road (CMR). Implementation of standardised electronic consignment note for road transport shall harmonise the message exchange between carrier, shipper and receiver of the goods and shall facilitate further interactions with other modes of transport and multimodal transport." To the right of this news item, there is an "Upcoming Events" section listing a "Workshop on how UN/CEFACT stakeholders can support the establishment and maintenance of single windows" on 07 September 2016, a "20th UN/CEFACT Forum" on 24 to 26 September 2016, and a "UN/CEFACT Mini-Conference on Women in Trade Facilitation" on 06 September 2016.

UN/CEFACT: e-CMR project focus



UN/CEFACT: e-CMR project deliverables status

- First version of Business Requirements Specification ready for revision
 - Use case 1: consignment instructions and Issuance of e-CMR
 - Use case 2: movement of goods
 - Use case 3: consignment status reporting
- First version of e-CMR model ready for revision