

DATEX II IN STRATEGIC/WIDER PERSPECTIVE: DANGEROUS GOODS

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A LONG STORY

✓ 1815 First regulation for river navigation on Rhin & Danube

✓ Objectives :

- Prevent consequence of accident
- Define packaging
- Define rules and procedures

✓ 1957 ADR applied in 1968

✓ UNECE WP.15/AC.1: Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

- Ensure convergence between RID, ADR and ADN
- Adapt regulations every 2 years
- More than 50 countries are contracting parties

09/06/2021

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DANGEROUS GOODS TRANSPORT DOCUMENTS

✓ 5.4.1 Dangerous goods transport document and related information

- Defines what is mandatory
- 10 pages
- Exhaustive list & description of DG transported
- Many special rules regarding the DG transported
- Many link to other chapter of the 1,400 pages of the regulation

✓ 5.4.0.2: Use of electronic documents

- **The use of electronic data processing (EDP) or electronic data interchange (EDI) techniques as an aid to or instead of paper documentation is permitted**, provided that the procedures used for the capture, storage and processing of electronics data **meet the legal requirements as regards** the evidential value and availability of data during transport in a manner **at least equivalent to that of paper documentation**.

UNECE / JOINT MEETING / TELEMATIC WG

ECE/TRANS/WP.15/AC.1/108/Add.3 on www.unece.org

Mandat from EC: The working group shall:

1. Consider **what information provided by telematics enhances the safety and security** of the transport of dangerous goods and facilitates such transport. In particular, consider who might benefit from the provision of such information and in what way, having regard, inter alia, to:
consignors, transport operators, emergency responders, enforcers, regulators;
2. Consider **necessary parameters for telematics systems**, and examine if existing systems meet these parameters and what further developments might be necessary;
3. Consider the **cost/benefit analysis of using telematics** for the purposes identified above;
4. Consider what procedures/responsibilities might be necessary to **monitor the information** captured by telematics and **how access to data should be controlled**;
5. Consider **interfaces and synergy with other systems**.

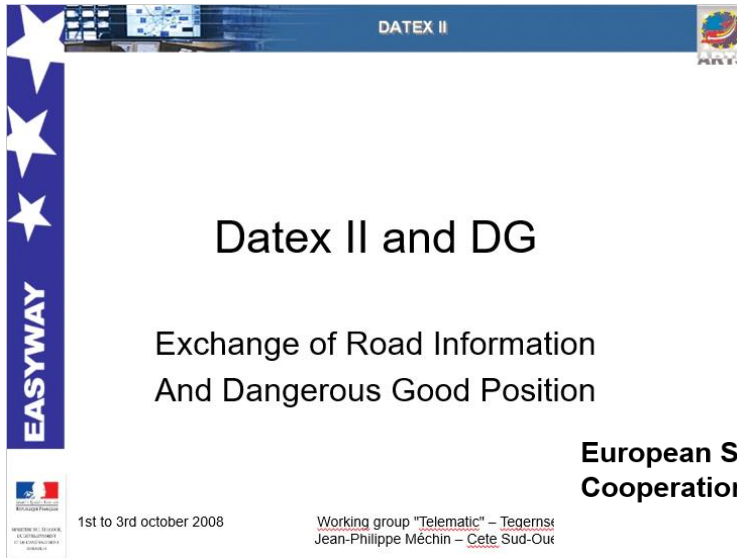
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GUIDELINES FOR THE USE OF RID/ADR/ADN 5.4.0.2

- ✓ **The RID ADR ADN joint meeting has approved guidelines for the use of 5.4.0.2**
 - https://unece.org/DAM/trans/danger/publi/adr/guidelines/ADR_Guidelines_Telematics_e.pdf
- ✓ **By notifying the use of the guidelines a contracting party makes it binding on its territory to use and accept any transport document in conformity with them coming from any other contracting party using the guidelines**
- ✓ **The guidelines are a way to harmonize the prescription for the use of 5.4.0.2 at the international level**

COOPERATION BETWEEN WP15/AC1 AND DATEX II



The screenshot shows a presentation slide with a blue header containing 'DATEX II' and a logo. The main title is 'Datex II and DG'. Below it, the subtitle is 'Exchange of Road Information And Dangerous Good Position'. At the bottom left, there is a small logo for '1st to 3rd october 2008' and a text block: 'Working group "Telematic" – Tegernsee, Jean-Philippe Méchin – Cete Sud-Ouest'. On the left side of the slide, there is a vertical blue bar with three white stars and the word 'EASYWAY' written vertically.

European Study 5 – DATEX II Cooperation with RID/ADR WG „Telematic“

RID/ADR WG “Telematic”
Bordeaux
14-16 January 2009

Josef Kaltwasser
Chairman DATEX Technical Group
EasyWay European Study V: DATEX II

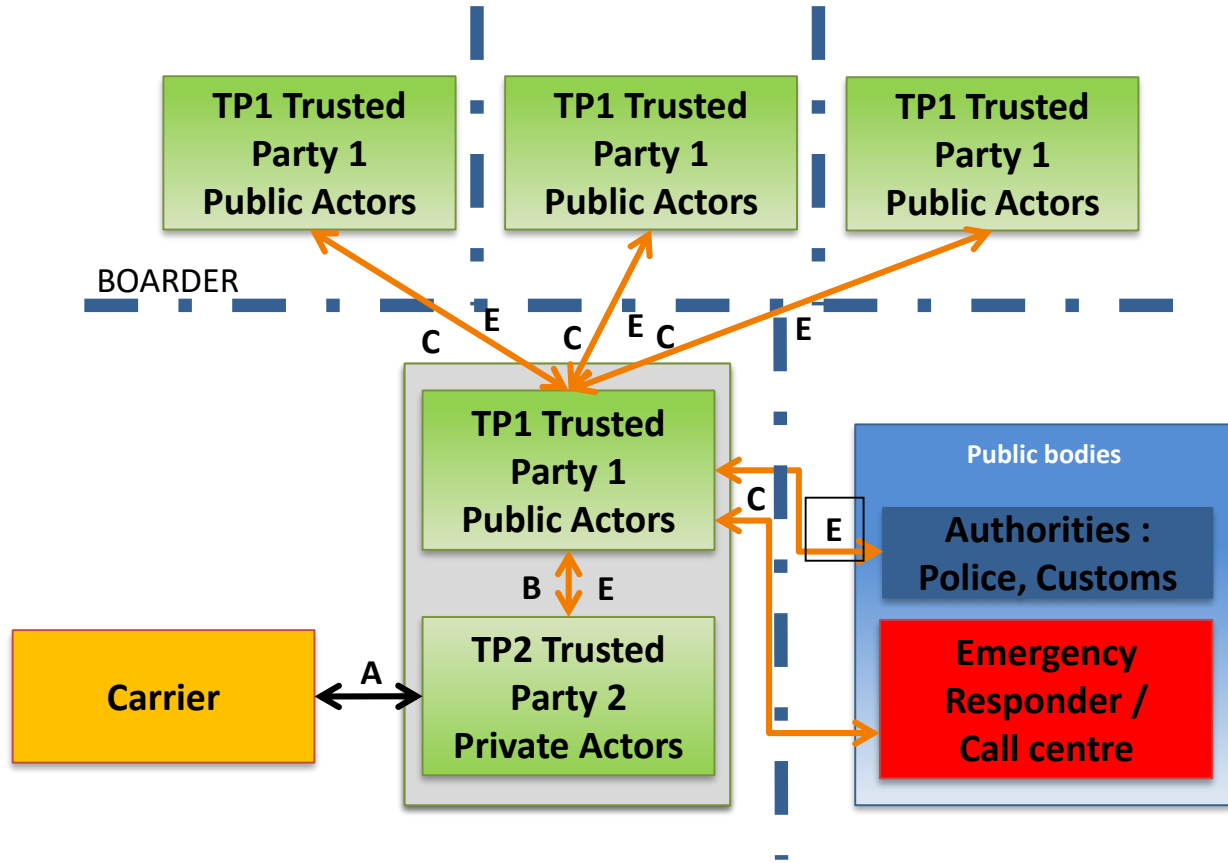
Datex I is used to exchange traffic informations and events (accident, rerouting, ...) between countries, road operator or service provider (TMC) for more than 10 years

Datex II is an evolution to be more conform with the new technologies

On demand of European Commission (DG-TREN), Datex II is on the way for standardization

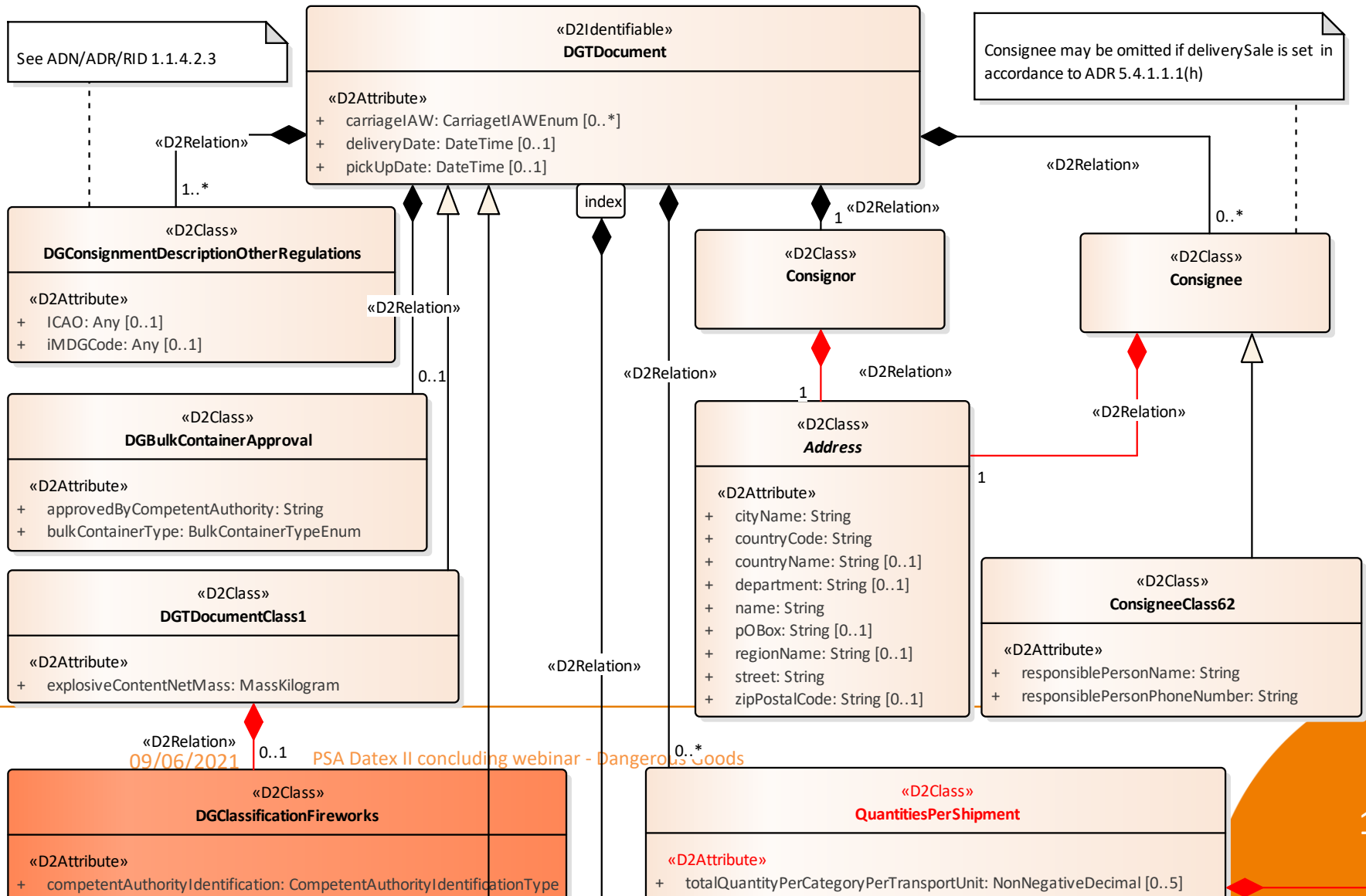
DATA FORMAT TO ACCESS TO INFORMATION

- A. Carrier registers start of transport on TP2, giving documents and ID of transport unit
- B. TP2 declares transport unit to TP1
- C. Public body contact TP1 with the vehicle ID
- D. If TP1 does not find the ID, it queries the other TP1s
- E. Response form TP2 through TP1 to Public body

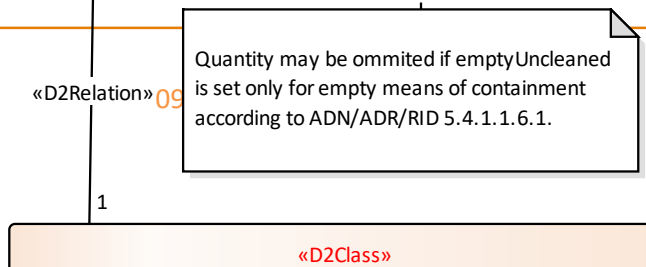
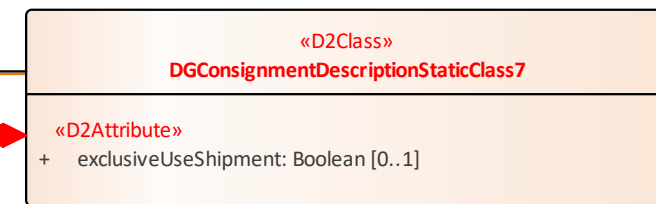
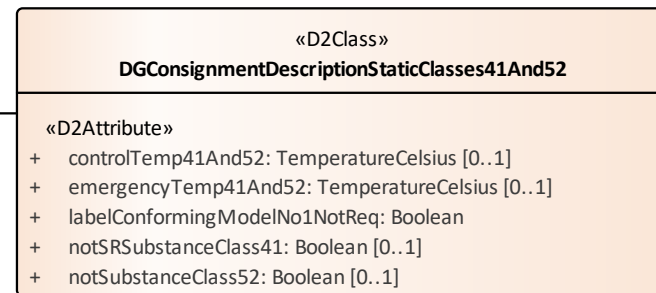
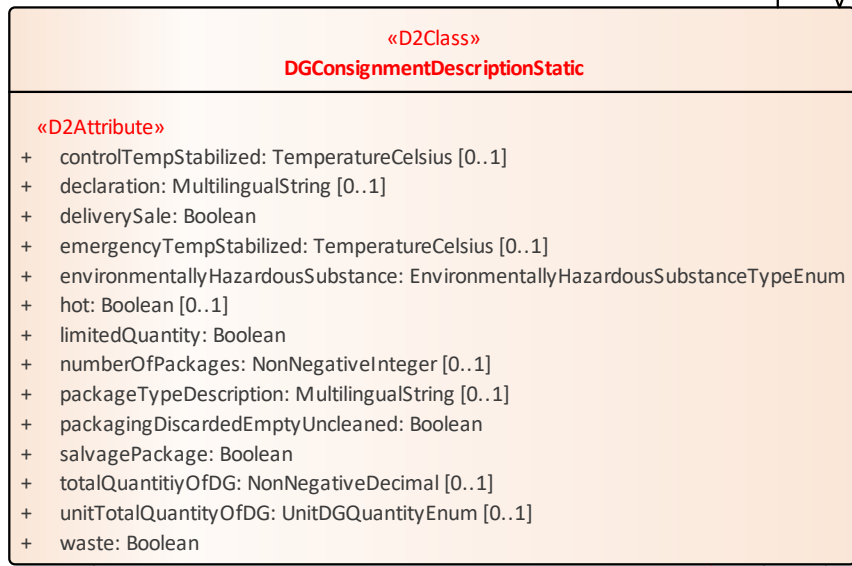
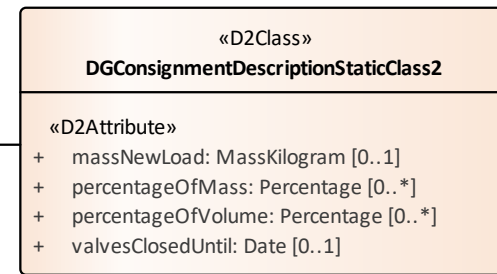
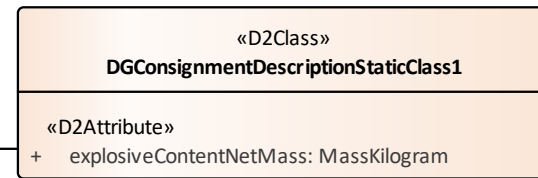
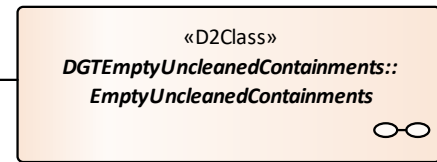
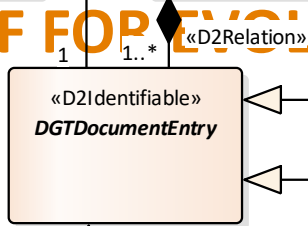
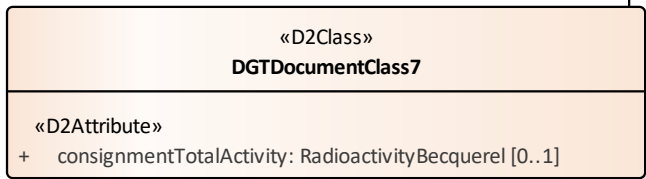
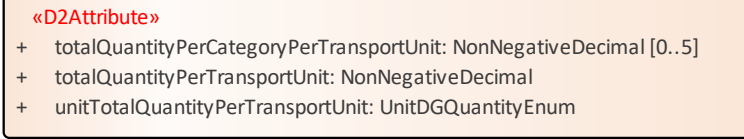
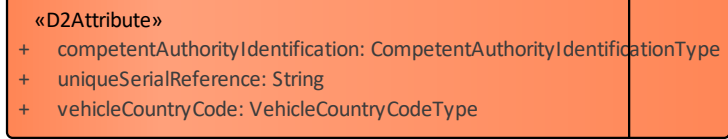


eDGT Information : PROOF FOR EVOLUTION

class DGTransportDocumentDiagram



eDGT Information : PROOF FOR EVOLUTION





RÉPUBLIQUE
FRANÇAISE

*Liberté
Égalité
Fraternité*

DIRECTION GÉNÉRALE DE LA PRÉVENTION DES RISQUES
MISSION TRANSPORTS DE MATIÈRES DANGEREUSES



Cerema
CLIMAT & TERRITOIRES DE DEMAIN

THANK YOU FOR YOUR ATTENTION

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