

Technical Committee on Transport of Dangerous Goods

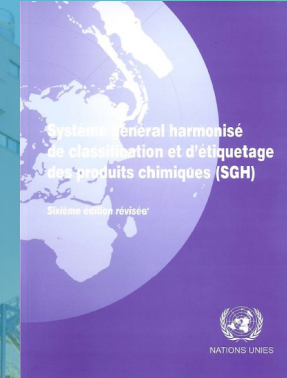
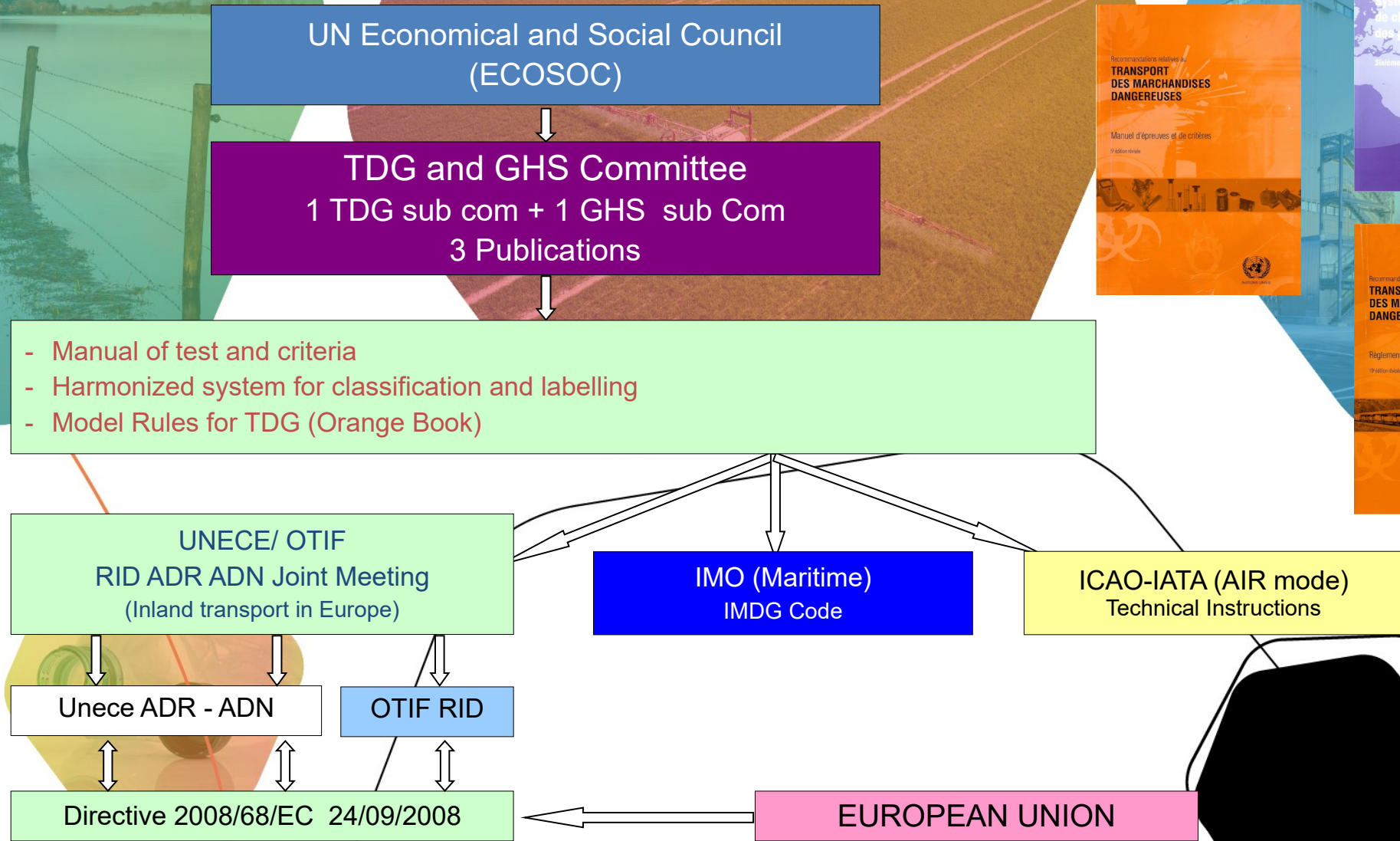
Wednesday, 20 January 2021

UN agreements concerning the international transport of dangerous goods

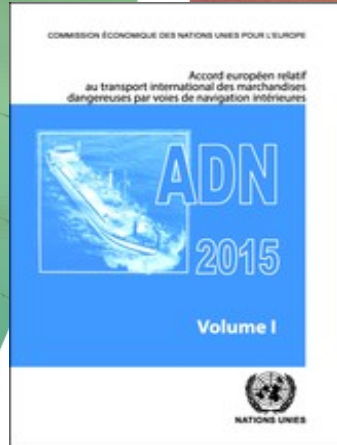
Claude PFAUVADEL
Head of the Mission for the transport of dangerous goods (France)

Chairman of the RID ADR ADN joint meeting

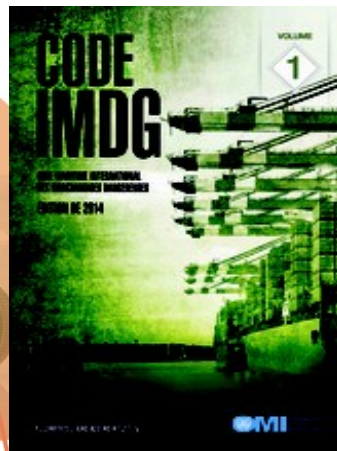
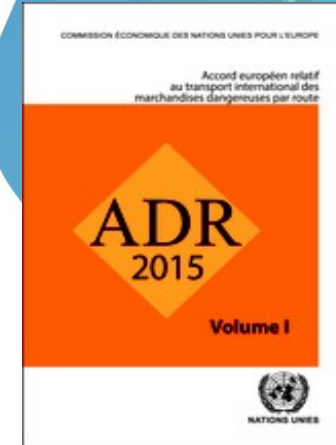
International Organization



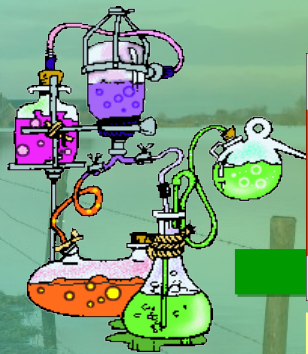
INTERNATIONAL REGULATIONS



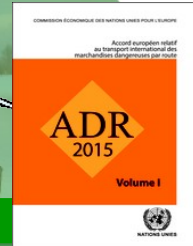
Harmonization of all regulations with a common architecture



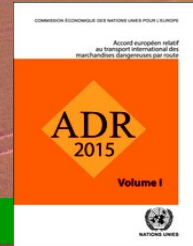
STRUCTURE of ADR



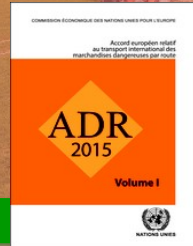
Manufacturing



Partie 1



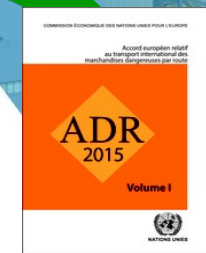
Partie 2



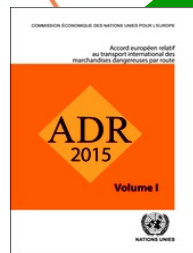
Partie 3

ADR : 9 Parts...

rules from manufacturing to delivery



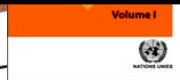
Partie 4



Partie 7



Partie 6

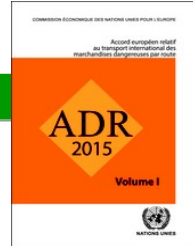


Partie 5

...in coherent order



Partie 8



Partie 9



Delivery

STRUCTURE OF ADR

Part 1 General Provisions

Part 2 Classification *aligned with RID ADR IMDG...*

Part 3 Dangerous goods list with reference to requirements, special provisions, limited quantities instructions...

Part 4 Provisions for the use of packagings, tanks, containers bulk...

Part 5 Consignment procedures

Part 6 Provisions for construction of containments

Part 7 Provisions for loading unloading transport handling and cargo

Part 8 Prescriptions for crews, equipments , documentation...

Part 9 Construction of vehicles



WORKING PRINCIPLES OF THE REGULATIONS

1. Hazard identification : Classification

Following are measure to avoid risk:

2 Containements

Packagings mobile (multimodal) tanks

2 Containements

tanks containers

3 transports engines

vehicles/wagons /ships

4 operations

documentation, communi...

Loading unloading stowage segregation...

Training (general, drivers , experts)

organisation of undertakings (safety advisors security plan...)

accident reporting(1.8.5)

traffic restrictions(chap 1.9 RID/ADR/ADN) (link with risk assessments)

emergency plans(chap. 1.11 RID)

Multimodal worldwide
UN recommandations
Manual

Modal regional

IMDG
ADR
RID
ADN

Diversity of participants

- Part 1 : Généralités
- **DG producers:**
Part 2 - Classification
- Part 3 – Table
- ***Fillers loader users of transport engines:**
Part 4 - Use
- **Shippers of DG:**
Part 5 – consignment procedures
- **Manufacturers of transport material and engines:**
Part 6 – testing and manufacture
- **Loaders fillers:**
Part 7- Loading unloading
- **Road carriers (ADR) :**
Part 8 – Crew equipments documentaion
- **Manufacturers of vehicles (ADR):**
Part 9 – Manufacture and approval of vehicles



MINISTÈRE
DE LA TRANSITION
ÉCOLOGIQUE

*Liberté
Égalité
Fraternité*

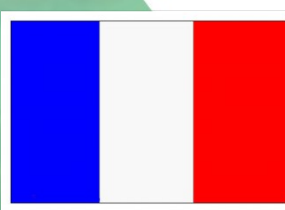
Working principle of the expert groups and committees

- **UN ECE and OTIF organise meeting of working groups and committees**
- **The committees are composed of delegations representative of the governments and the different participants in the transport's chain:**
 - **Governemental experts**
 - **NGO representing professional organisation of DG producers carriers material manufactures etc**
- **The committees and working group are drafting amendments for adoption and publication of a consolidated version of the regulations every 2 years**



**MINISTÈRE
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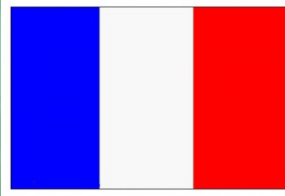
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Implementation of Directive 2008/68/EC in France

Regulation on transport of dangerous goods by inland transport (arrêté TMD, 29.5.2009)

- ▶ regulates the domestic and international transport of dangerous goods by road, by rail and by inland waterway in France. One annex for each mode-specific provision.
- ▶ In general, TMD does not repeat provisions laid down in ADR, RID and ADN general reference for these texts and also refers to specific numbers of ADR/RID/ADN provisions. Where necessary some precisions are added
- ▶ TMD introduces institutional structures of DG competent authorities with direct reference to provisions of ADR, RID and ADN.
- ▶ Ordinance introduces procedure to obtain a derogation stipulated in Article 6(2) of Directive 2008/68/EC.
- ▶ TMD introduces system of administrative sanctions for infringements of ADR, RID and ADN.



Implementation of Directive 2008/68/EC in France

RID ADR ADN

Directive 2008/68/CE

Arrêté « TMD » du 29 Mai 2009 modifié

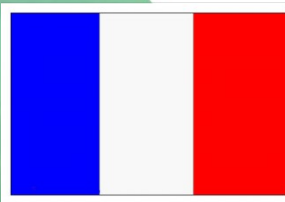
COMMON PROVISIONS for all modes

Annex I : ROAD Transport

Annexe II : RAIL Transport

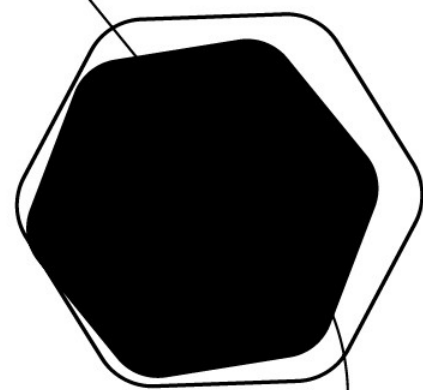
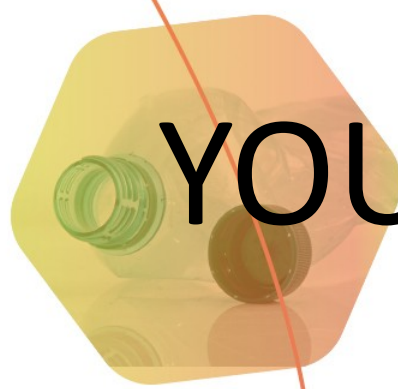
Annexe III : IWW Transport

Arrêté
TMD



Implementation of Directive 2008/68/EC in France

- The Mission for the transport of dangerous goods is in charge of the implementation work.
- It is assisted by a Commission for the transport of Dangerous goods mirroring the composition of the international committees
- Following the same structure as DIR. 2008/68/CE and the international agreements allows to minimize the implementation work
- It allowed also to eliminate almost all difference between national and international legislation



THANKS
FOR
YOUR ATTENTION