



Transport of Dangerous Goods

Mechanisms for the Development and Harmonization of Dangerous Goods Regulations

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7 March 2008

ECOSOC Committee of experts on the TDG and on the GHS (1)

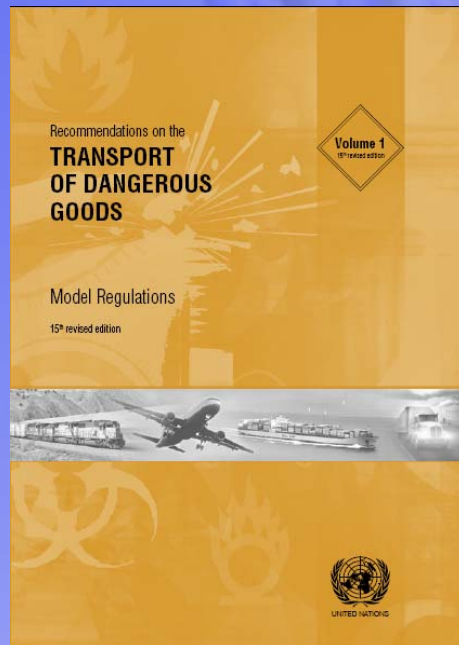
- 36 Members
- Observer countries (No voting rights)
- Two sub-Committees
 - Sub-Committee of Experts on the TDG (27 Members)
 - Sub-Committee of Experts on the GHS (32 Members)
- Intergovernmental organizations (≈ 15):
IMO, ICAO, WHO, ILO, OTIF, etc.
- NGOs (≈ 40):
 - **Chemical/petroleum/gas industry:** ICCA, CEFIC, EIGA, AEGPL, FEA
 - **Transport:** FIATA, IATA, IRU, UIC
 - **Packaging/tanks:** ECMA, ICDM, ISO
 - **Vehicles:** OICA, CLEPA

ECOSOC Committee of experts on the TDG and on the GHS (2)

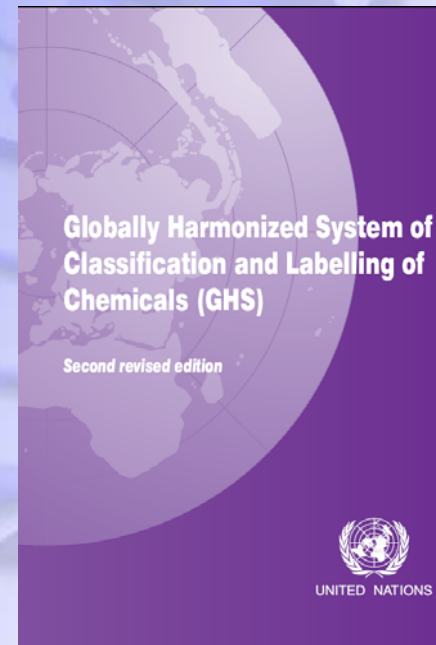
- Working cycle: 2 years
- Biennium starts odd years (2005, 2007, 2009,...)
- TDG Sub-Committee meets twice a year: July, December
- GHS Sub-Committee meets twice a year: July, December
- Committee meets only once at end of biennium
(December 2006, 2008, ...)
- Committee endorses recommendations of both
Sub-Committees (TDG and GHS)

Harmonization instruments

“Orange Book”:
**Recommendations on the
Transport of Dangerous Goods**



“Purple Book”:
**Globally Harmonized System of
classification and labelling of
chemicals (GHS)**



Transport of Dangerous Goods

Before the Model Regulations After the Model Regulations



Harmonization instruments (1): UN Model Regulations “Orange Book”

- **Reformatted into the form of model regulations annexed to a set of basic recommendations**
 - Direct integration into modal, national and international regulations
 - Easier updating
 - Enhanced harmonization
 - Resource savings
 - User-friendliness
- **Reformatting adopted by the UN Committee of Experts on the TDG in December 1994**
- **First version of the Model regulations annexed to the 10th revised edition of the Recommendations in 1997**

Harmonization instruments (2): UN Model Regulations “Orange Book”

(7 parts)

1. General
2. Classification
3. List of Dangerous Goods
4. Use of packagings/Gas receptacles/Tanks
5. Consignment procedures (Labelling, Marking, Documentation)
6. Construction, testing and approval of packagings/tanks
7. Transport operations

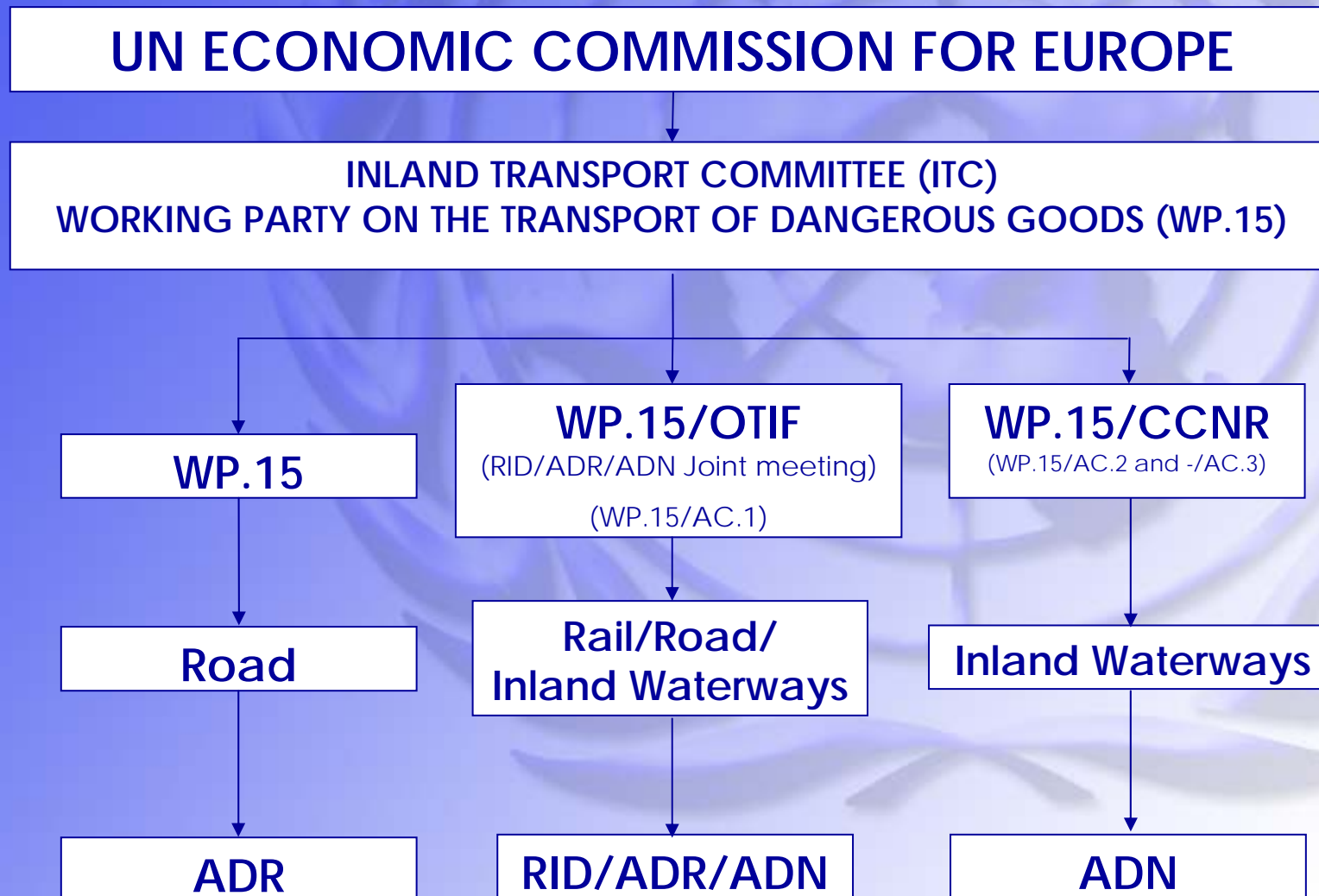
Harmonization instruments (3): UN Model Regulations “Orange Book”

Addressed to:

- Governments → National regulations
- International Org. → International regulations
 - IMO → IMDG Code
 - ICAO → ICAO Technical Instructions
(IATA: IATA Regulations)
 - UNECE → RID/ADR/ADN
 - European Union → Directives

**THESE INSTRUMENTS FOLLOW the same structure AND
IMPLEMENT the provisions contained in THE MODEL
REGULATIONS**

International instruments administered within UNECE



RID/ADR/ADN

SCOPE

International transport

National transport

RID/ADR annexed to EC Directives

New EC Directive will also refer to ADN

STRUCTURE

- Part 1: Specific to European legislative context
- Parts 2-6: Same structure as UN Model Regulations
Adapted to European context and supplemented
e.g.: UN tanks: worldwide
RID/ADR tanks: Europe only
- Part 7: Specific to European legislative context
- Parts 8-9: Specific to mode of transport (ADR/ADN)



ADR

AGREEMENT:

- Done on 30 September 1957
- Entered into force on 29 January 1968
- 43 Contracting Parties

ANNEXES A AND B:

- Regularly amended since 1968
- Now amended every two years on the basis of UN Recommendations on the Transport of Dangerous Goods
- Latest edition in force since 1 January 2007

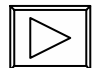
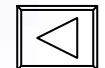
ADR

- ❖ **Applicable to international transport by road**
- ❖ **Annexes A and B may be used by any country for application through national law to domestic traffic (mandatory for all EU countries through directive 94/55/EC)**

ADN

ENTRY INTO FORCE ON 29.02.2008

- ❖ **8 Contracting Parties** (Austria, Bulgaria, Hungary, Luxembourg, Netherlands, Russian Federation, Germany, Moldova)
- ❖ **Annexed Regulations regularly updated and will become applicable on 28 February 2009**
- ❖ **Administered by UNECE with support from CCNR**





Thank you!