### **Transport of Dangerous Goods**

# Mechanisms for the Development and Harmonization of Dangerous Goods Regulations

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### 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

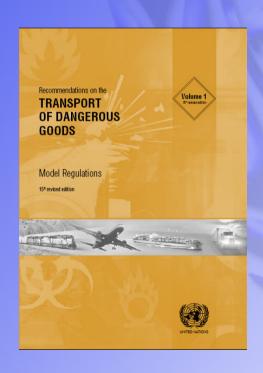
### ECOSOC Committee of experts on the TDG and on the GHS (2)

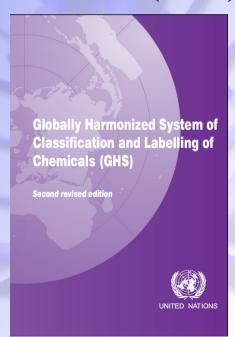
- Working cycle: 2 years
- Biennium starts odd years (2005, 2007, 2009,...)
- TDG Sub-Committee meets twice a year: July, December
- GHS Sub-Committee meets twice a year: July, December
- Committee meets only once at end of biennium (December 2006, 2008, ...)
- Committee endorses recommendations of both
   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 10<sup>th</sup> 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
- 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 Technical Instructions

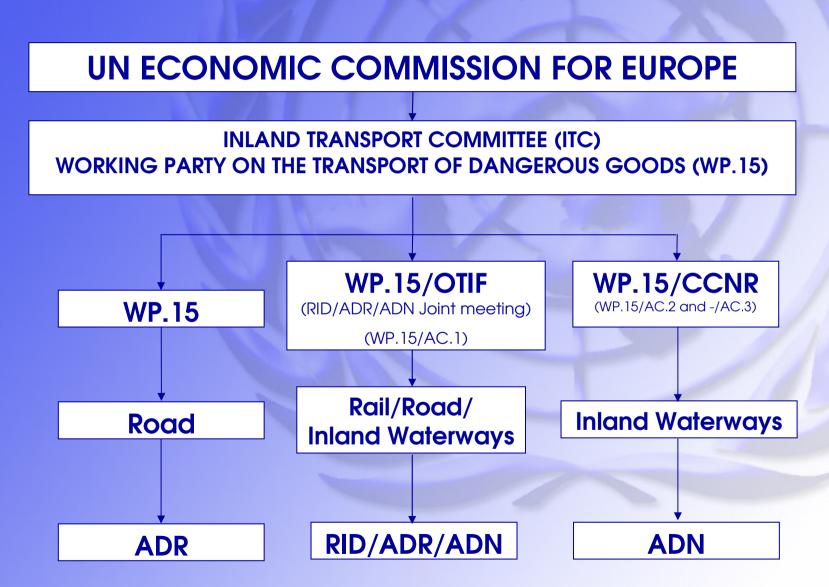
(IATA: IATA Regulations)

- 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
- **Administrated by UNECE with support from CCNR**





