

# Transport of Dangerous Goods

## Inland Transport Committee Seventy-sixth session

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# UN regulatory framework: ECOSOC

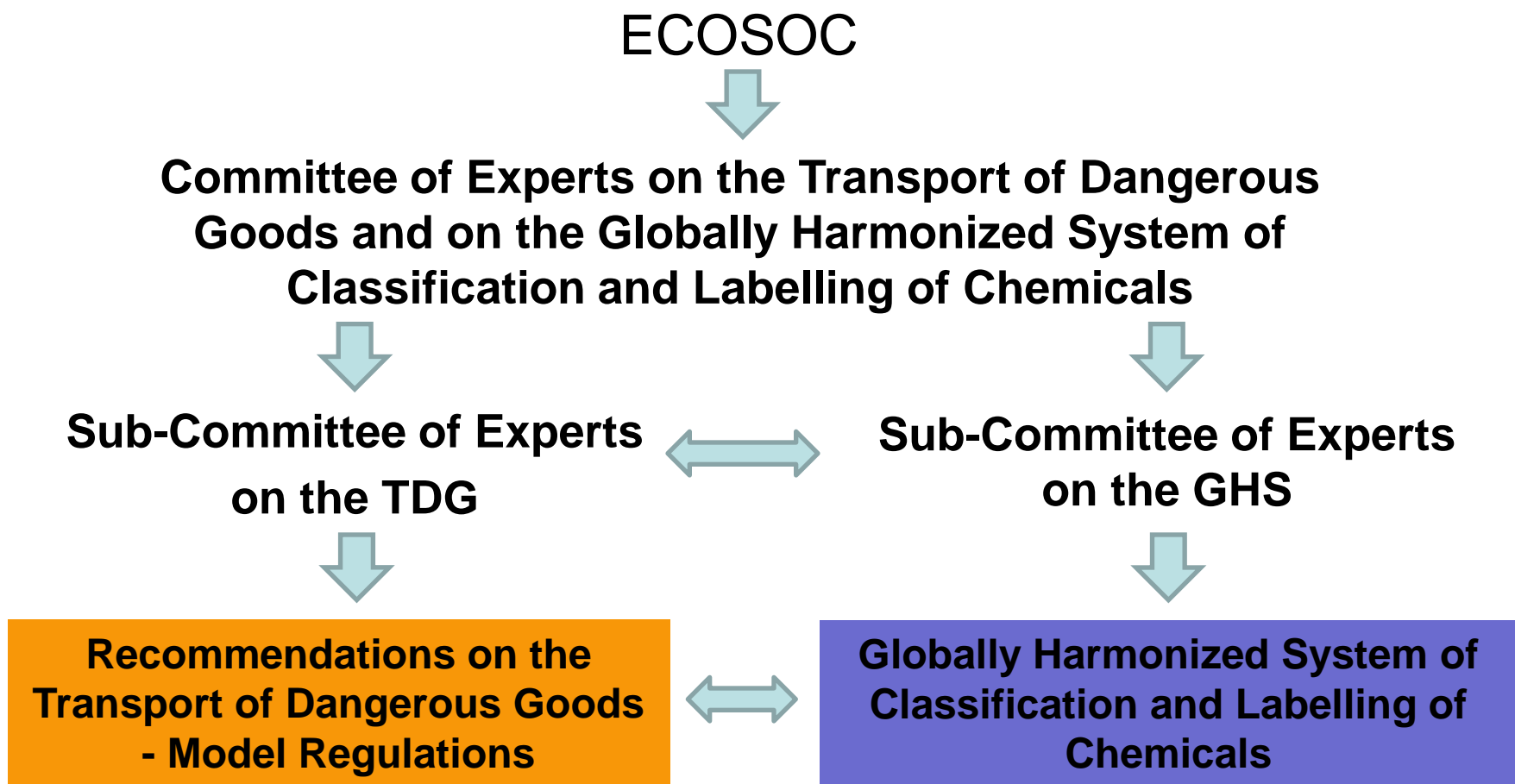
## Committee of Experts on the Transport of Dangerous Goods:

- Established in 1953 to elaborate recommendations:
- Reconfigured in 1999 and renamed as:

Committee of Experts on the Transport of Dangerous Goods (TDG) and on the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

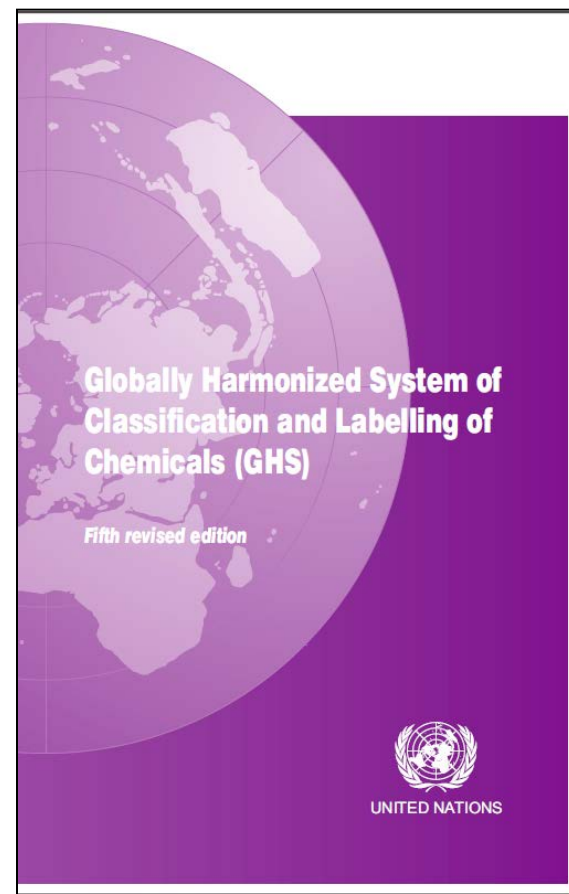


# UN regulatory framework: ECOSOC

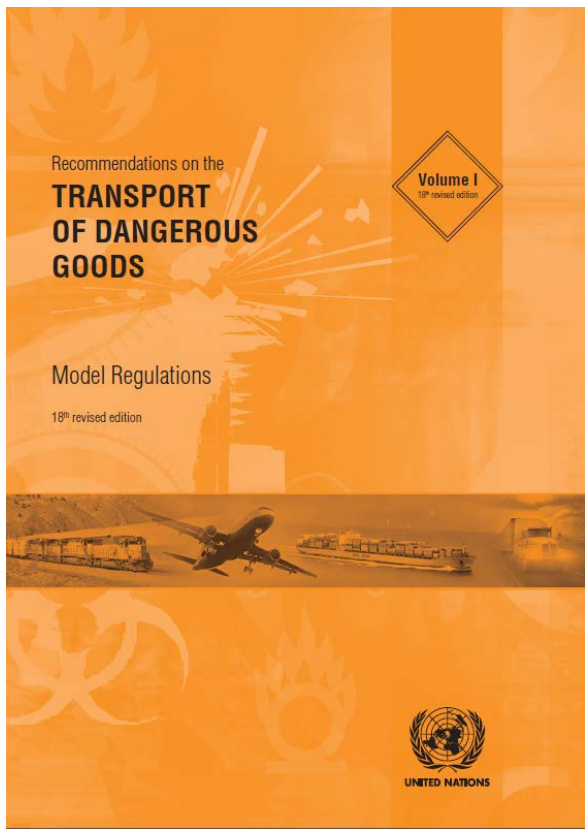


# GHS

- Cover:
  - Hazard classification (acute and chronic effects): Physical, health and environmental hazards
  - Hazard communication (labels, SDS)
- Address chemicals during handling, transport, supply and use
- Designed to allow self-classification (no list of chemicals)
- Allow application of its elements following a “building block approach”



# UN Model Regulations



- Reflect GHS provisions relevant for transport
- Contain all necessary provisions concerning:
  - classification and identification of dangerous goods
  - packing conditions (including standards for packaging and tank construction)
  - labelling, marking and placarding of packages and transport equipment
  - transport documentation
- Only provisions relevant for all transport modes
- Allow direct integration into modal/national/international regulations
  - facilitate updating
  - enhance harmonization
  - reduce administrative burden (resource savings)
  - increase user-friendliness

# 2013 Achievements

- Secretariat published new versions of the UN Recommendations on TDG (18th revised edition)
- ECOSOC adopted resolution 2013/25, 25 July 2013  
See informal document ITC (2014) No 8
  - Invites governments / IOs to implement
  - Seeks feedback
  - Programme of work 2013/2014
- ECOSOC Sub-Committees met twice in 2013 accordingly

# Updating of the modal regulations



Provisions implemented as from January 2015

# RID/ADR/ADN Joint Meeting (WP.15/AC.1)

- Proposed amendments to RID/ADR/ADN on the basis of UN Rev.18 (Harmonization)
- Cooperated with CEN (checking conformity of draft EN standards and references thereto in RID/ADR/ADN)
- Developed amendments specific to RID/ADR/ADN, e.g.
  - Carriage of lithium batteries for disposal or recycling
  - Carriage of discarded empty uncleaned packagings
  - Tanks with additive devices as part of service equipment
  - Carriage in bulk (revised provisions)
- Validated a general architecture for further development of its work on telematics
- Started testing an accident/incident database hosted by the secretariat for archiving Contracting Parties data collected under the RID/ADR/ADN mandatory reporting system, for future use as a risks analysis tool



# RID/ADR/ADN Joint Meeting (WP.15/AC.1)

- Future work (2014)
  - Routine work on miscellaneous proposals of amendments
  - Cooperation with CEN/CENELEC (standards)
  - Tanks
  - Reduction of the risk of a BLEVE
  - Use of UN Flexible Bulk Containers in European inland TDG
  - Telematics, with links to more general work on ITS, and possible regulatory framework in 2019
  - Accident/Incident database

# ADN Safety Committee (WP.15/AC.2)

- Checked amendments proposed by the RID/ADR/ADN Joint Meeting and possible consequence specific to ADN
- Developed new provisions specific to ADN
  - Means of evacuation
  - Harmonized checklists
  - Carriage of LNG
  - Derogations for use of LNG as fuel
- Consideration of application by RINA for Recommended Classification Society
- All recommended amendments (1/1/2015) and derogations approved by ADN Administrative Committee (ECE/ADN/26)
- Future work
  - 4 informal WGs: Substances; Training; Degassed cargo tanks; Protection against explosion
  - Application by RINA
  - Ongoing process to optimize ADN and fill the gaps

# Working Party on the TDG (WP.15)

- Checked amendments proposed by the RID/ADR/ADN Joint Meeting and possible consequence specific to ADR
- Developed new provisions specific to ADR
  - Vehicle equipment (fire extinguishers)
  - Training of drivers (scope of exemptions, certificates)
  - Orange plate marking
- Secretariat published the ADR road map on accession and implementation
  - Electronic version available on the website
  - Useful for countries wishing to become Contracting Parties to ADR
  - Useful for Contracting Parties to ADR (implementation issues and observance of the rules and related administrative procedures)
- Future work
  - Secretariat to consolidate final list of amendments and ADR 2015
  - Implementation of ADR
  - Miscellaneous amendments as necessary
  - Review of vehicle electrical equipment requirements
  - Use of LNG or CNG as fuel

# Thank you for your attention

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United Nations Economic Commission for Europe

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**Dangerous Goods Home**

Transport of dangerous goods needs to be regulated in order to prevent, as far as possible, accidents to persons or property and damage to the environment, the means of transport employed or to other goods. However, with different regulations in every country and for different modes of transport, international trade in chemicals and dangerous products would be seriously impeded, if not made impossible and unsafe. Moreover, dangerous goods are also subject to other kinds of regulations, e.g. work safety regulations, consumer protection regulations, storage regulations, environment protection regulations.

In order to ensure consistency between all these regulatory systems, the United Nations has developed mechanisms for the harmonization of hazard classification criteria and hazard communication tools (GHS) as well as for transport conditions for all modes for transport (TDG). In addition, the UNECE administers regional agreements that ensure the effective implementation of these mechanisms as far as transport of dangerous goods by road, rail and inland waterways is concerned.

**Meetings and Events**

February 2014

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
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24	25	26	27	28		

**Information for delegates**

[Registration form](#)

[Forthcoming meetings](#)

**ADR**  
Road map for accession and implementation

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  - ADR
  - ADN
  - UN Model Regulations
  - UN Manual of Tests and Criteria
  - CRTD
  - GHS
- Publications
- Contact us
- Useful links

<http://www.unece.org/trans/danger/danger.html>