

# CLUSTER FOR LOGISTICS

*WEDNESDAY, 3 JULY 2024*

**SAFETY & SECURITY IN  
TRANSPORT & LOGISTICS**



**LUXCONTROL**

# ADR REGULATION - OBJECTIVE



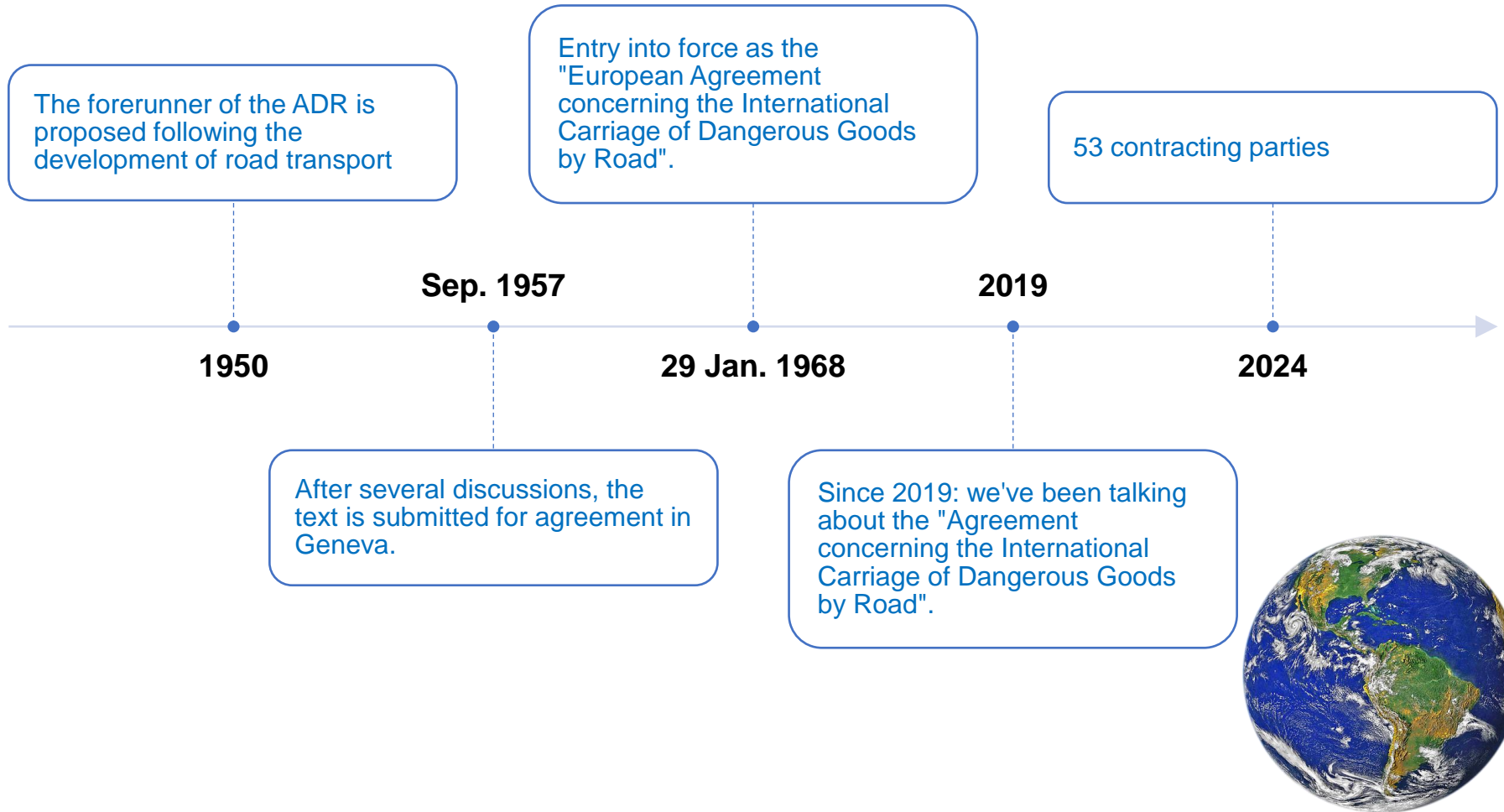
The transport of dangerous goods is an essential part of our modern economy.

From the delivery of chemicals to the transport of fuels, toxic and infectious substances, thousands of potentially dangerous products are transported every day on roads (ADR), railways (RID), inland waterways (ADN), at sea (IMDG) and in the air (ICAO).

The main objectives of ADR are :

- Ensuring the safety/protection of people, property and the environment
- Minimise the risks and consequences of accidents during transport operations

# ADR REGULATION - LEGAL FRAMEWORK



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- ❑ Law of 23 April 1970 approving the ADR agreement in national law
- ❑ Amended Grand-Ducal regulation of 31 January 2003 on the transport of dangerous goods by road
- ❑ Grand Ducal Decree of 23 December 2022 publishing the ADR (2023-2025 cycle)



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# ADR REGULATION - ADVANTAGES



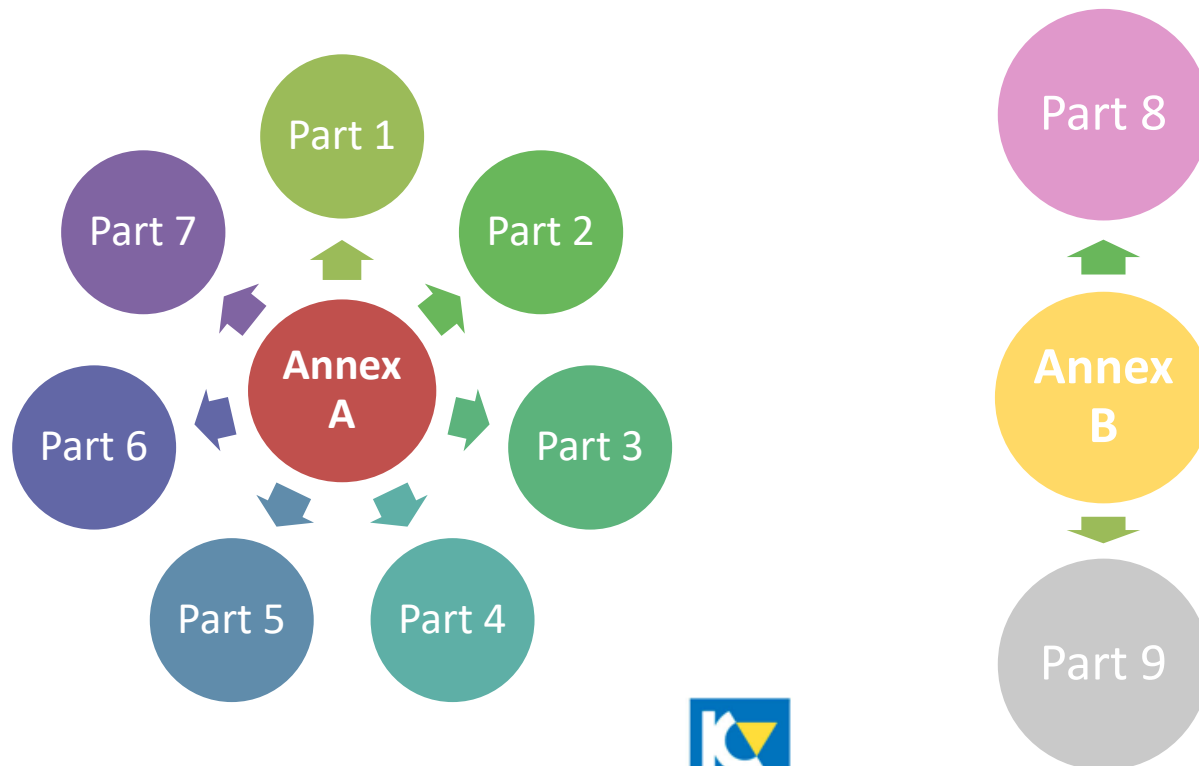
- ❑ The transport of goods is regulated in order to prevent :
  - Accidents involving people or property
  - Environmental damage to other goods or transport equipment
  
- ❑ The United Nations Recommendations on the Transport of Dangerous Goods guarantee harmonisation:
  - Classification and identification of dangerous goods
  - Packaging conditions (including standards relating to packaging and tank construction)
  - Transport documentation

# ADR REGULATION - STRUCTURE

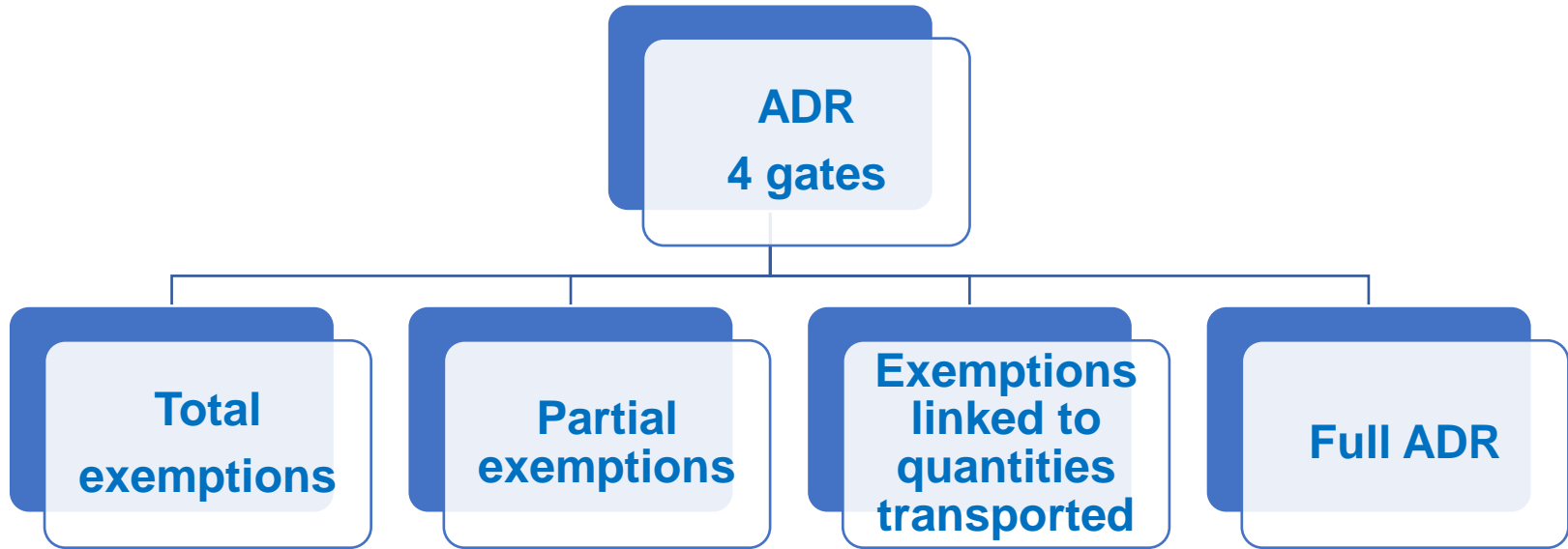


Annex A: General provisions and provisions concerning dangerous substances and articles

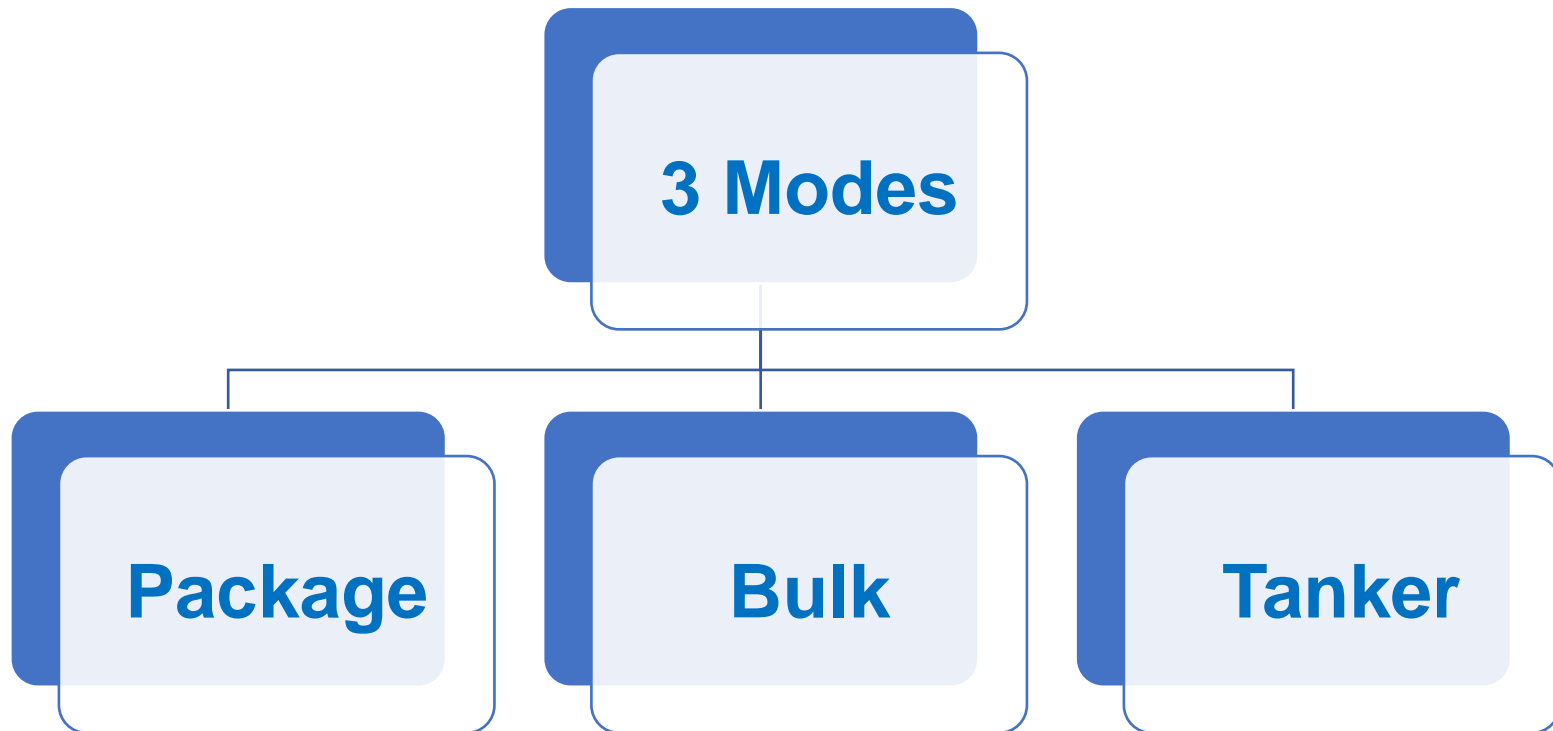
Annex B: Provisions concerning transport equipment and transport operation



# THE GATES OF ADR



# MODES OF TRANSPORT





# VARIOUS OBLIGATIONS



- Workers' safety obligations
- Training for people involved in transport (other than the driver)
- Driver training
- Inspection and testing of rigid plastic, metal and composite IBC**
- Tank inspection and testing
- Specific vehicle fittings
- ADR Safety Advisor
  - *Directive 96/35/EC on the appointment and qualification of safety advisers*
  - *Law of 24 December 1999 on safety advisers*
  - *Grand-Ducal regulation of 24 December 1999 on the duties and training certificate of safety advisers*
- ...





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# INSPECTION AND TESTING IBC

3 July 2024

# INSPECTION AND TESTING IBC



Every metal, rigid plastic and composite IBC

	Before it is put into service	2,5 years	5 years
Conformity to design	X		X
Internal and external inspection	X		X
External inspection		X	X
Proper functioning of service equipment	X	X	X

IBC for liquids or for solids which are filled or discharged under pressure shall undergo a suitable leakproofness test

- Before it is used for carriage
- At intervals of not more than 2,5 years

A report of each inspection shall be kept by the owner of the IBC



# THANK YOU FOR YOUR ATTENTION



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