



INTERNATIONAL UNION
OF RAILWAYS

UNECE Workshop on Security Aspects of Dangerous Goods Transportation

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Content of the presentation

- ❑ UIC Introduction
- ❑ Rail transport security
- ❑ Dangerous goods transportation security
- ❑ UIC related activities

UIC Introduction

UIC - Union Internationale des Chemins de fer



INTERNATIONAL UNION
OF RAILWAYS

Promotes the development of rail
transport at world level

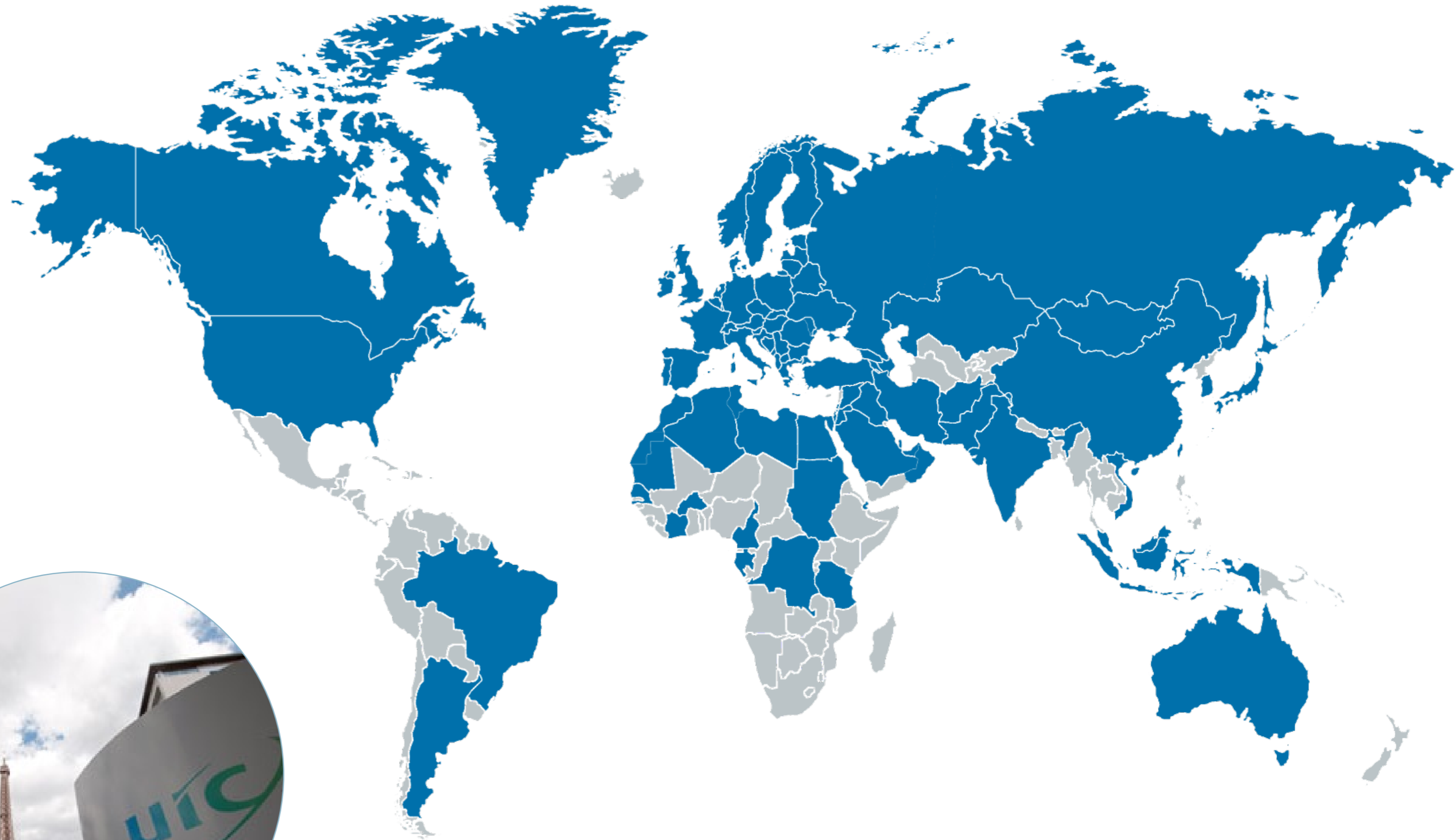
200 members in 95 countries

Platform for:

- Cooperation
- Research projects
- Dissemination
- Training
- Standards & recommendations

www.uic.org

Founded in 1922 in Paris



UIC MEMBERS

5 UIC global cooperation issues serving the entire railway community



Environment &
Sustainable Development



Safety & Security



Freight / Intercontinental
corridors



Railway Signalling &
Control Command

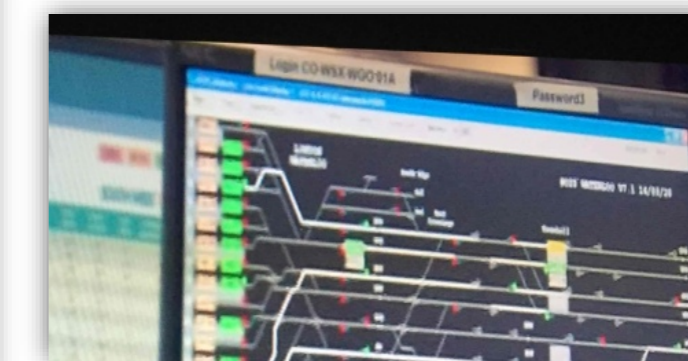
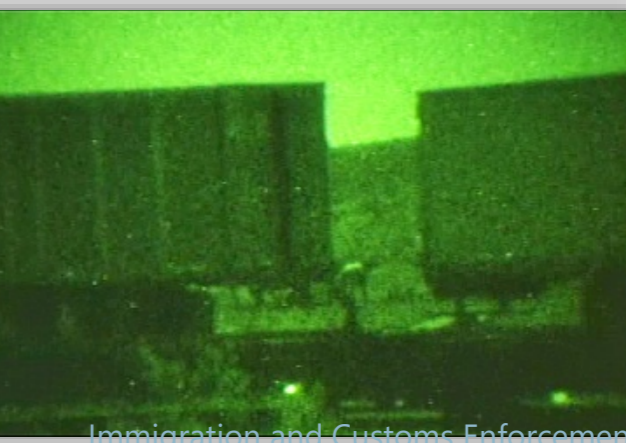


Standardisation
UIC leaflets, IRS



Rail transport Security

Security threats and risks for railways...



Terrorism

Media Reports
Migration
Cyber Attacks
Mass Events
Violence
Sabotage
Accidents
Suicide
Ticket Fraud

Property Damage
Power Blackout
Derailment
Freight Theft
Graffiti
Trespassing

Pickpocketing
Begging
Pandemic
Extreme Weather
Harassment
Metal Theft

Security Strategy

- Risk assessment
 - Definition of the level of threat by the authorities
 - Identification of the vulnerabilities by the rail companies
 - Evaluation of the impact of a security event
- Risk management : 3 types of measures can be implemented
 - Human : human presence, training, awareness
 - Technologies : CCTV, access control, e-seals, data protection,...
 - Organisation and legal framework : security plan, cooperation with authorities, regulation
- Acceptability of measures - time, inconvenience, cost, competition between modes of transport

Security of dangerous goods transport

Specificities of dangerous goods transport security

- **Specific regulations : RID - Chapter 1. 10 : security provisions**
 - Security awareness as part of the general training
 - Definition of high consequence dangerous goods
 - Redaction of a security plan
 - security risk assessment
 - security management: procedures, technological measures, training, cooperation

Related UIC activities

Related UIC activities

- **UIC RID Group of Experts chaired by DB Cargo within freight department**

- Discussion on the conditions of application of the regulations in force
- Sharing of experience
- Development of guidance and position papers

Contact : overdijkink@uic.org

- **UIC security platform : worldwide activity chaired by Polish railways and vice-chaired by Indian Railways Protection Force**

- Security policy supporting the activities (freight, passenger, infrastructure)
- 5 working groups : Human Factor, Technology, Strategy, Border crossing, SIA (Sabotage, Intrusion and Attacks)
- Development of guidance and publications
- Rail Security HUB gathering security solutions

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#UICrail

Thank you for your kind attention.