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
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
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...

- Derailment
- Freight Theft
- Pandemic
- Extreme Weather
- Harassment
- Cyber Attacks
- Metal Theft
- Sabotage
- Terrorism
- Accidents
- Violence
- Ticket Fraud
- Begging
- Property Damage
- Power Blackout
- Media Reports
- Migration
- Cyber Attacks
- Mass Events
- Violence
- Powder
- Harassment
- Immigration and Customs Enforcement
- Suicide
- Mass Events
- Media Reports
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, eSeals, 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

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- **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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Stay in touch with UIC!

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#UICrail

Thank you for your kind attention.