INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

UIC Security @ TRA – Transport Research Arena

Paris, April 2014

Agenda

Railway Security at UIC

PROTECTRAIL

RESTRAIL

SECRET

CIPRNet

New FP7 projects / 2014

H2020 calls

Railway Security at UIC - http://www.uic.org/security

Security is an increasing concern for the railways and a shared responsibility between railways and national authorities that needs a coherent international approach.

The **UIC security platform** includes permanent and ad-hoc thematic working groups and holds an annual World Security Congress since 2000!

UIC security platform structure

Global Platform and Steering committee
chaired ZSSK (Slovak Republic) and co-chaired by Indian railways.

Working Groups

3 permanent :

Human Factors - Chaired by RZD (Russia)

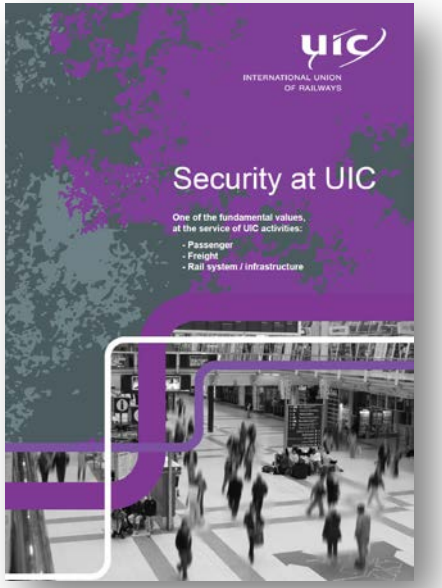
Technology - Chaired by FS (Italy)

Procedures and Regulations - Chaired by SNCB (Belgium)

2 Thematic on request of members

Borders crossing, International traffic, Security - Chaired by PKP PLK (Poland)

Metal theft – Chaired by DB (Germany)



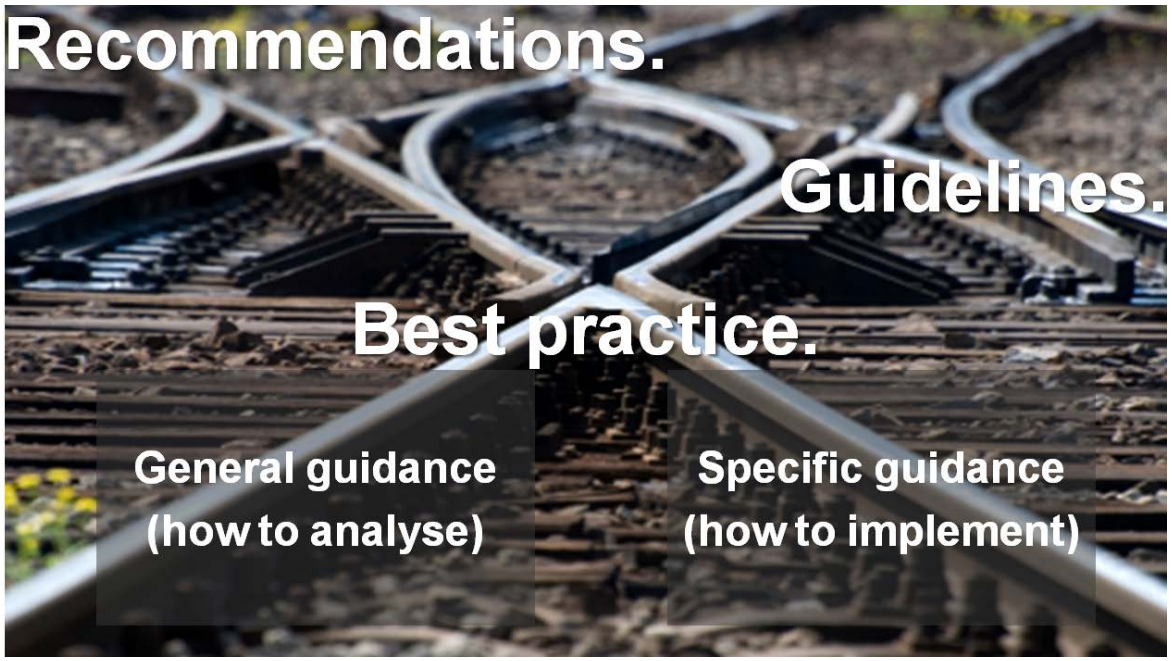
PROTECTRAIL

The Railway-Industry Partnership For Integrated Security of Rail Transport - www.protectrail.eu

Final event on 27-28 May 2014 in Paris, UIC HQ with demonstration of "high probabilities low impact " capabilities

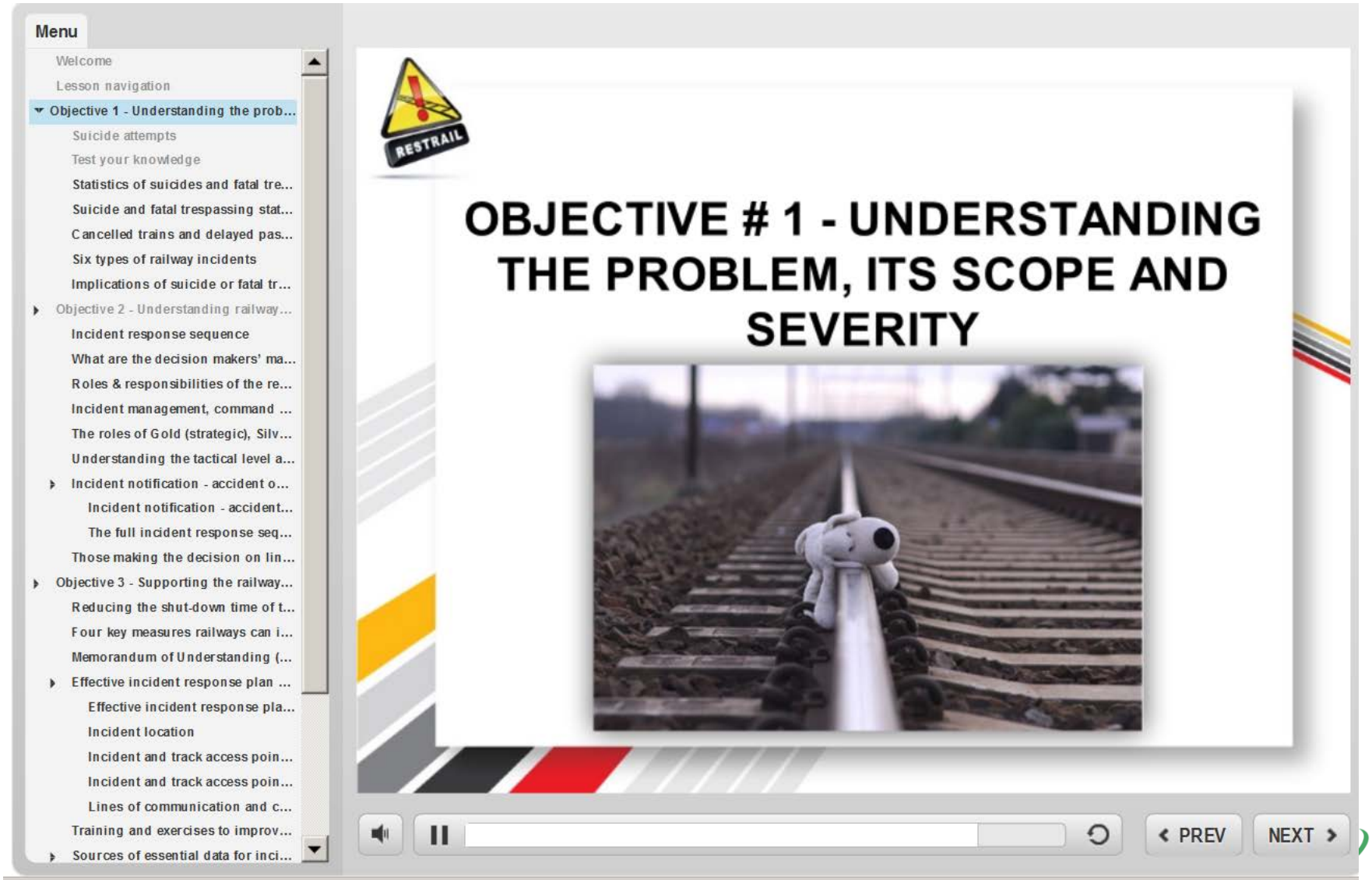
RESTRAIL

Reduction of suicides and Trespasses on railway property www.restrail.eu



Final event on 18 September 2014

RESTRAIL CBT tool for responding bodies



SECRET

Protection of railway infrastructure against EM attacks www.secret-project.eu

Starting date : 01 August 2012 for 36 Months

Budget : 4,268 M€ (including 3,059 M€ funding by EU)

Coordinator : IFSTTAR (France)

Partners : 10 Partners from 5 countries

Added value

- To provide recommendations to better protect rail communication and signalisation system against electromagnetic attacks

CIPRNET

Critical Infrastructure Preparedness and Resilience Research Network

Estimated Starting date: 01 March 2013 for 48 months
Budget : 7,3 M€ including 6,5 M€ EU funding
Coordinator: Fraunhofer IAIS
Partners : 11 partners from 8 countries : 10 R&D partners, and UIC as end-user representative

CIPRNet Master Class on Modelling, Simulation and Analysis of Critical Infrastructures.

<u>24th and 25th April 2014 Paris</u> - UIC HQ.

New projects co-funded by the EC in 2014 (FP7, call security 6)

> **GRAFFOLUTION : graffiti prevention**
Coordinated by SYNYO GmbH (research center in Austria)

Kick off on 8 April 2014

> **PREDICT : PREparing for the Domino effect In Crisis siTuations**
Coordinated by CEA (research center in France)
Kick off on 30 April 2014

- **CALL 'MOBILITY FOR GROWTH' - Infrastructure -** MG.8.2-2014. Next generation transport infrastructure: resource efficient, smarter and safer
  - **REFORM : REduction of Fatalities and Optimisation of Road/rail traffic Management**
    - Submitted on 18 March 2014
    - 2nd step on 31 August 2014

- **CALL Secure societies – "Protecting freedom and security of Europe and its citizens**" - BES-9-2014: Supply Chain Security topic 2: Technologies for inspections of large volume freight

Thank you for your kind attention and we will be happy to answer any questions.

For more information please visit us @ the UIC website on security activities
http://www.uic.org/security