



INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

UIC Security @ TRA – Transport Research Arena

Paris, April 2014

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






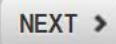
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OBJECTIVE # 1 - UNDERSTANDING THE PROBLEM, ITS SCOPE AND SEVERITY





SECRET



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



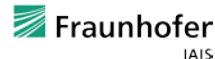
Starting date : 01 August 2012 for 36 Months

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

Coordinator : IFSTAR (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.**

24th and 25th April 2014 Paris - 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>

