RESTRAIL

REduction of Suicides and Trespasses on RAILway property

MH Bonneau – UIC Security division
Research project

Funded by the European Commission (Seventh Framework Programme)

3 Year Project starting October 2011 (Total Budget € 3,870,000)
The background

- **Suicides** represent two thirds of all fatalities and, together with the **unauthorized person** fatalities, constitute 87% of all fatalities occurring within the railway system.

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**Figure 8: Suicide fatalities (2006-2010)**

ERA Source (Railway Safety Performance in the European Union) – Suicides 2006-2010
The aim

To reduce:

– The occurrence of suicides and trespass on railway property and
– The service disruption and other consequences these events cause

by providing the rail industry with a toolbox gathering prevention and mitigation measures and recommendations.
The Consortium

Coordination by UIC (Security division)

7 UIC members:
DBAG, FFE, IK, INFRABEL, PRORAIL, TCDD, TRAFIKVERKET

3 research centres:
VTT, CIDAUT, IFSTTAR

3 universities:
HMGU, KAU, Unott

3 industries:
ASTS, MTRS3, NICE
The Advisory Board

• Rail related organisations:
  CER, EIM, ERA, RAILPOL

• Railway companies
  AMTRAK, Israel Railways, NETWORK-RAIL, NS, SNCB, SNCF

• Professional expert knowledge
  University of Quebec, American Association of Suicidology, SAMARITANS, MOSTRA (communication agency), PTFE (Spanish railway technology platform), OSPI project, HIT, Madrid metro, Spanish general direction of traffic, National Safety Authority of Poland, the Swedish Transport Agency…
Project structure

Management

WP7: Management
- Administrative management
- Technical management

Date collection and analysis

WP1: Qualitative analysis of suicide and trespass based on existing knowledge and data collection
- Collection of data
- State of the art
- Data analysis

Assessment

WP2: Assessment of measures targeted to reduce railway suicides
- Technical measures
- Soft measures
- Evaluation

WP3: Assessment of prevention measures targeted to reduce Railway trespasses
- Technical measures
- Soft measures
- Evaluation

Enhancements

WP4: Mitigation of Consequences by Improving Procedures and Decision Making
- Procedural and organisational measures
- Situational picture, lines of communication and decision making

Testing and Evaluation

WP5: Field Pilot Tests and Evaluation
- Selection of measures
- Implementation
- Evaluation and recommendations

Dissemination

WP6: Dissemination and exploitation of the results
- Databases, workspace and web portal
- Event organisation
- Toolkit dissemination and exploitation
RESTRAIL added value

- The multi-disciplinary and multi-national expertise of the partners of the consortium and of the members of the advisory group
- The rail stakeholders oriented results with their strong involvement
- The evaluation of existing measures in the rail environment and their conditions for success
- The field tests of selected measures which will demonstrate their efficiency
- Provision with a set of recommendations and tools for decisions makers all over Europe
RESTRAIL next event

Info day on 12 December 2012 in Paris, UIC HQ

Focus on the selected measures to be tested on field
Thank you for your attention

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