RESTRAIL at a glance
Where are we now?
Research project

Funded by the European Commission
(Seventh Framework Programme)

3 Year Project starting October 2011
(Total Budget € 3,870,000)
The aim of the RESTRAIL project is 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 an analysis and identification of cost effective prevention and mitigation measures.
RESTRAIL 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

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## Where are we now?

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**Months:**
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Main results of WP1

- A description of the state-of-the-art
- up-to-date statistics on railway suicides and trespassing accidents compiled from different sources,
- information on possible countermeasures to prevent railway suicides and trespassing accidents,
- analysis of the consequences of railway suicides and trespassing accidents, and
- data on the behaviour of victims prior to the incident.
WP2 + WP3
Key achievements

Maria Hedqvist, Trafikverket
Jean-Marie Burkhardt, IFSTTAR
Our findings

- No integrated classification
- 86 heterogeneous measures – grouped in 38 families
- We soon found similarities and differences

Fences and barriers  Mosquito sound  CCTV  Collaboration
Landscaping  Training of staff  Airbags  Education

A SAMARITAN HELPED ME
FIND MY STRENGTH

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Key achievements

• Method and process to evaluate measures (July 2012)
• Evaluation of measures (February 2013)
  - Long and short forms
  - Workshops to evaluate and gather information
  - Evaluation by stakeholders
  - Evaluation of effect by experts
• Guidance for selection and implementation
Key achievements

- recommended/promising measures
  - To prevent suicide – 10
  - To prevent trespass - 4
  - To prevent both - 8
Key achievements of WP4 – mitigation measures

Knowledge platform

- Response arrangements
- Information management & communication
- Decision making processes for traffic restoration

Information management

- Functional specification document
- Prototype (NICE Situator)

Decision support

- Line restoration model
- Integration of the model with the information management software
RESTRAIL information

- Website: www.restrail.eu
- Private workspace: http://ovidentia.uic.org/
- Brochure, newsletter, Conferences and workshops
- Coordinator contact: colliard@uic.org; bonneau@uic.org
Thank you for your attention