General information

International Union of Railways (Security Division)

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- *Organisation profile & competencies*

Targeted (sub)topics

SU-DRS01-2018-2019-2020: Human Factors
SU-DRS02-2018-2019-2020: Sub-topic open
SU-DRS04-2019-2020: CBRN cluster

SU-BES01-2018-2019-2020: Sub-topic 3

SU-FCT01-2018-2019-2020: Sub-topic 3
SU-FCT02-2018-2019-2020: Sub-topic open
SU-FCT03-2020: Point b – private operators
SU-FCT04-2020: Chemicals

SU-GM01-2018-2019-2020: Option 1
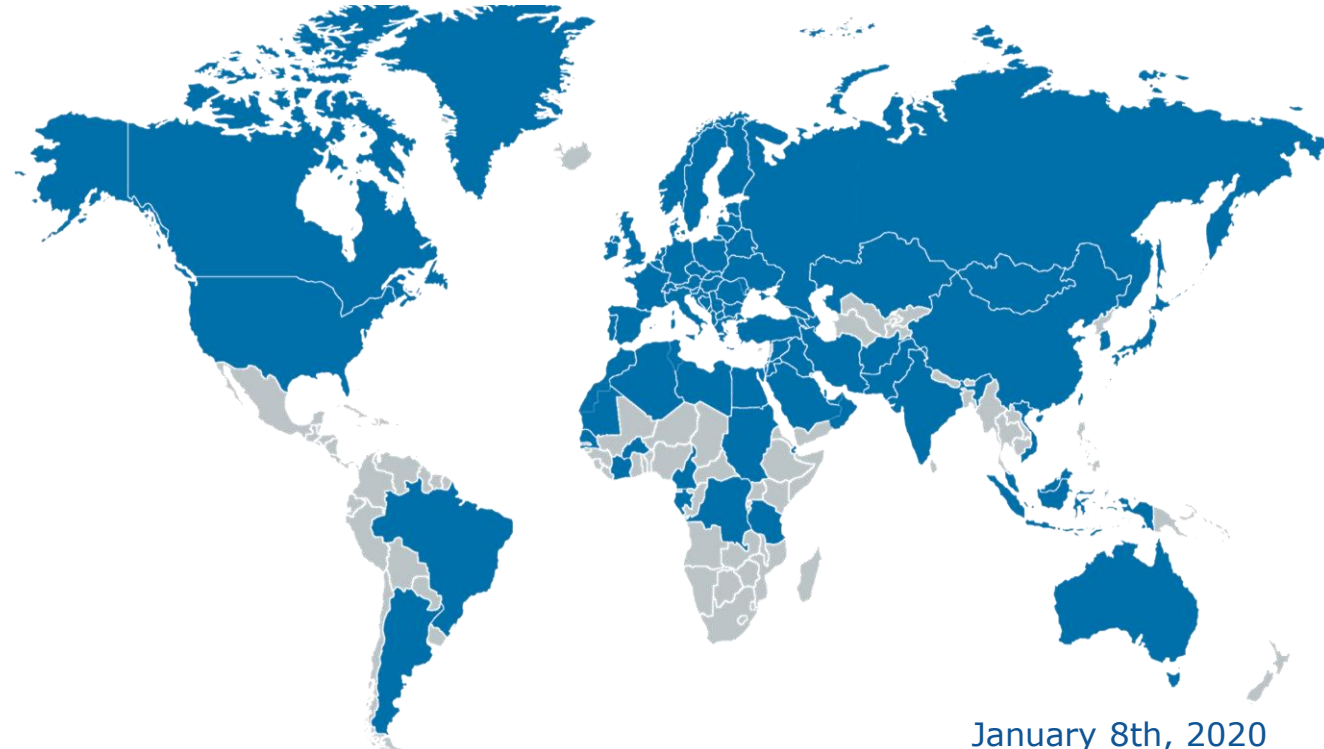*SU-GM02-2018-2019-2020: Topic 1*

SU-INFRA01-2018-2019-2020

The worldwide railway organization created in 1922 in Paris
(cooperation, standardization, research, training, dissemination)
Members: 200 rail end-users in 90+ countries
(mainly train operators and rail infrastructure managers)

January 8th, 2020

Competencies

- *EU Security Research Projects (FP7, H2020, S2R, ISFP)*

12 projects since 2010	8 projects as consortium partner 4 projects as coordinator	Including 2 EU success stories
Propo-sals in 2019	7 proposals submitted in 2019	including 1 as scientific coordinator

- *The skills we can bring*
  - Representation of **rail end users** from a neutral position
  - Active involvement of rail end users and **security practitioners**
  - Technical expertise in the **rail sector** (e.g. passenger, freight, rail systems, security, safety, etc.)
  - Facilitation of **railway case studies** and **railway field tests** in controlled environments or real settings
  - Analysis of **risks and threats** to help protect the rail system, manage crises and mitigate the consequences of adverse events
  - Excellent **dissemination** tools and facilities with worldwide distribution and exploitation of results in the UIC global regions

Sécurité
PCN - Horizon**2020**

Project ideas based on past and current projects

Terrorism targeting railways		The Railway-Industry Partnership For Integrated Security of Rail Transport – www.protectrail.eu Terrorists in Europe Targeting Railway InfrastructureS – www.tetris-project.eu **PReparedness against CBRNE threats through cOmmon Approaches between security praCTItioners and the VulnerablE civil society - https://proactive-h2020.eu**
Trespassing and suicides		**REduction of Suicides and Trespasses on RAILway property – www.restrail.eu** **SAFER Level Crossing by integrating and optimizing road-rail infrastructure management and design – www.safer-lc.eu**
Graffiti vandalism		Awareness and prevention solutions against graffiti vandalism in public areas and transport – www.project.graffolution.eu
Crisis Management		PREparing for the Domino effect In Crisis siTuations – www.predict-project.eu
Critical Infrastructure protection and resilience		Critical Infrastructure Preparedness and Resilience Research Network – www.ciprnet.eu **Shared and coHerent European Railway Protection Approach – www.sherpa-rail-project.eu**
Rail cybersecurity		Security of railways against electromagnetic attacks – www.secret-project.eu CYbersecurity in the RAILway sector – www.cyrail.eu
Border security		BOrDErGuArd: Proactive Enhancement of Human Performance in Border Control – www.bodega-project.eu