



# **Rail transport security research**

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**Innovation and Industry for Security**

## Past and on-going projects

- *In total 11 projects worth over 60 million Euros have been launched by the Commission in the security of rail transport.*
- *Eight of which in FP7 and three in the first call of H2020.*
- *Those projects cover many aspects of rail transport security, ranging from train/metro stations, to rails, luggage and passenger control with a focus on the prevention of terrorist attacks.*

# Current and on-going projects

*(on-going are marked in italic)*

Project Acronym	Project title	EU contribution
FP7 (2007-2013)		
<i>CARONTE</i>	<i>Creating an Agenda for Research ON Transportation sEcuity</i>	€1.256.874
<b>DEMASST</b>	Security of critical infrastructures related to mass transportation	€956.559
<b>ISTIMES</b>	Integrated System for Transport Infrastructures surveillance and Monitoring by Electromagnetic Sensing	€3.113.460
<b>PROTECTRAIL</b>	The Railway-Industry Partnership for Integrated Security of Rail Transport	€13.115.064
<i>SECRET</i>	<i>SECurity of Railways against Electromagnetic aTtacks</i>	€3.059.433
<b>SECUR-ED</b>	Secured Urban Transportation - European Demonstration	€25.468.072
<b>SERON</b>	Security of Road Transport Networks	€2.246.110
<b>STAR-TRANS</b>	Strategic Risk Assessment and Contingency Planning in Interconnected Transport Networks	€2.105.589
Horizon 2020 (2014-2020)		
<i>IMPACT</i>	<i>Impact of Cultural aspects in the management of emergencies in public Transport</i>	€1.398.912,50
<i>RESILENS</i>	<i>RESILENS: Realising European ReSiliencE for CritIcaL INfraStructure</i>	€4.091.842,50
<i>RESOLUTE</i>	<i>RESilience management guidelines and Operationalization applIed to Urban Transport Environment</i>	€3.848.581,00
<b>Total EU contribution</b>		<b>€60.660.497</b>

# **Upcoming topics in the 2016-2017 WP**

- *CIP-01-2016-2017: Prevention, detection, response and mitigation of the combination of physical and cyber threats to the critical infrastructure of Europe*
- *SEC-12-FCT-2016-2017: Technologies for prevention, investigation, and mitigation in the context of fight against crime and terrorism*
- *SEC-15-BES-2017: Risk-based screening at border crossing*
- *SEC-21-GM-2016-2017: Pan European Networks of practitioners and other actors in the field of security*



**Thank you for your  
attention!**

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