



10th UIC World
Security Congress
Lisbon 2014



UIC Metal Theft WG



INTERNATIONAL UNION
OF RAILWAYS



COMBOIOS DE PORTUGAL

Mrs. Susanne Kufeld (Head of DB Situation Center and Global Crisis Management Corporate Security (CZL) and UIC Metal Theft WG Chairperson).

José Pires (UIC Senior Security Advisor).



“**Metal thefts on the railways** cause increasing disruption to passengers and freight services, escalating costs to the rail industry and have dramatically killed people within the past years”

Quelque chose de suspect?

INFRABEL

Aidez-nous à combattre les vols de cuivre!

Les vols de cuivre ont causé en 2013 plus de 30000 minutes de retard des trains en Belgique.

APPELEZ LE 0800/30 230

Visitez www.infrabel.be/fr/retardscables pour plus d'information.

Network Rail

The greatest train robbery yet.

Over the past three years cable theft cost the taxpayer more than £43 million, and the problem is growing. But it also costs passengers thousands of hours of their time through signal failure caused by stolen and damaged cables. We're working with British Transport Police and train operators to stop cable thieves: stealing even more of your time and money.

Report cable theft by calling British Transport Police on 0800 40 50 40

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INFR/ABEL



“The metal theft numbers are heavier each year, between 2009 and 2012, the number of events has been multiplied by four.”

4 vols de câbles par jour en moyenne

81 % d'incidents de plus par rapport à 2011

180 km de câbles volés en 2012

1.362 faits de vols en 2012

66.440 minutes de retard des trains en 2012

3.150.000 € de frais de matériaux à cause des vols

3.500.000 € de frais de personnel à cause des vols



6.718.067

BONNES RAISONS D'AGIR ENSEMBLE





Partnerships

1. **Develop partnerships** with the authorities and the legal institutions to introduce and take into account all the metal theft impacts:
 - a) repairs and replacement of stolen materials,
 - b) costs of operational delays, damage the image of railways and,
 - c) technical consequences (obstructing trains, endangering the lives of others in some cases ...), in their prosecutions;





Partnerships

2. **Research and Innovation Projects** in designing security solutions for the use of metals or alternatives for metals in railways; Look into the H2020 opportunities together with researchers and industry towards an enhancement of the Metal Theft future mitigation tools.

Horizon 2020 is the biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020).





Currents ongoing actions:

3. Technical Level

a) Global costs of Metal theft on the railways

- i. Cost evaluation and development of a EU Metal Theft on the Railways Facts & Figures Database.
- ii. Collection of the current technical solutions against metal theft implemented by the railways.
- iii. Border-crossing railways cables/metals catalogue
- iv. Railways European cartographic Map of the Metal Theft hot-stops.

4. Information and Dissemination level

a) UIC Metal Theft Position Paper (2^o Edition 2015)





Thank you for your attention !

