



INTERNATIONAL UNION
OF RAILWAYS

unity, solidarity, universality

12th UIC Railway Noise Workshop

19 March 2019

Jakob Oertli



The 12th workshop...

A major milestone has been achieved

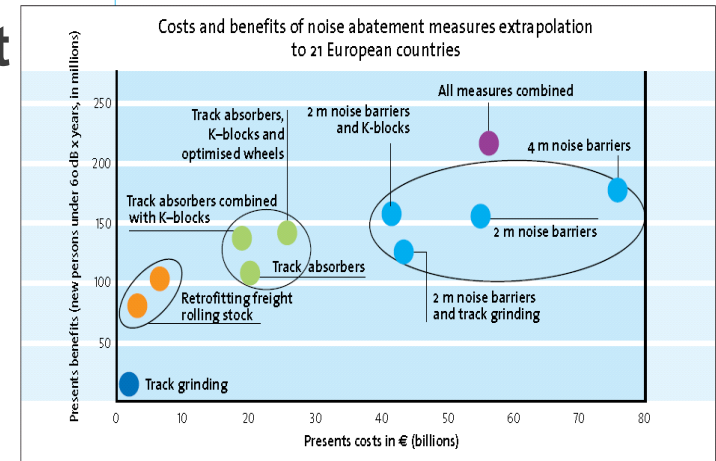
➤ Years of work dedicated to freight noise reduction from 1990s until now

- Realization that composite brake blocks make wheels for silent because they reduce roughness
- STAIRRS project shows that retrofitting freight rolling stock with composite brake blocks has best cost-benefit ratio
- Homologation of K- and LL-brake blocks
- And now...

➤ **TSI Noise: Revision voted on by RISC on January 31, 2019**

➤ Major milestone in achieving silent railway freight vehicles

➤ And now?



Workshop contents (before lunch)

> Welcome

- *François Davenne (UIC)*

> EU Rail Noise Policy

Rail freight noise reduction

- *Nino Zambara (DG MOV)*
- *Marco Paviotti (DG ENV)*

The view from CER

- *Ethem Pekin (CER)*

> Coffee Break

> Special Topics

WHO Guidelines for noise

- *Sabine Janssen (Ministry of Infrastructure and Water Management, NL)*

Shift2Rail

- *Judit Sandor (S2R)*

A vision for future Transport

- *Till Bunsen (IEA)*

Current issues on vibrations

- *Alf Ekblad (Chairman UIC Vibration Network & Travikverket)*



Workshop contents (after lunch)

> What are countries/railways planning next?

- **Austria /OeBB: Günter Dinhobl**
- **Belgium/Infrabel: Ward Verhelst**
- **Denmark/Banedanmark: Lisette Mortenson**
- **Czech Republic/SZDC: Lenka Vankova**
- **France/SNCF: Jean-Philippe Regairaz**
- **Germany/DB: Martina Fleckenstein**
- **Netherlands/ Prorail/ NS: Nils Yntema**
- **Norway/JBV: Trygve Aasen**
- **Poland/PKP: Joanna Salawa**
- **Sweden/Trafikverket: Karin Blidberg**
- **Switzerland/ SBB: Jakob Oertli**

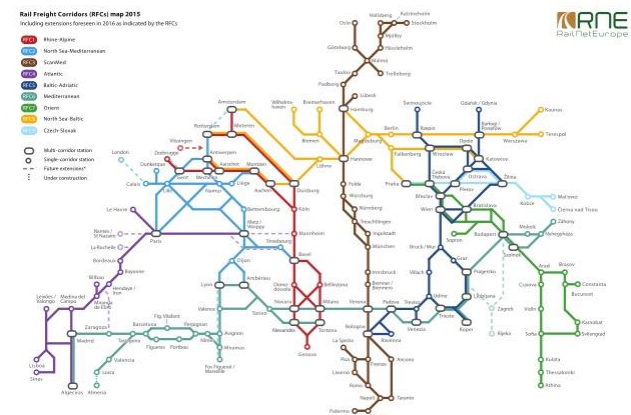
Video

Conclusion

- **Jakob Oertli (UIC and SBB)**



Rail Freight Corridors (RFC) map 2015
Including extensions foreseen in 2016 as indicated by the RFCs



*This map does not include all potential RFC routes/ extensions contained within Annex 2 of EU Reg. 1316/2013 (extensions are subject to market studies). For further details, please refer to the individual RFC websites. ©2015 RNE

Appreciation

> Thank you to

The speakers for your willingness to prepare and present your issues

Carole Escolan-Zeno, Marie Luz Philippe, Pinar Yilmazer, all UIC, for organizing the workshop

UIC Network Noise and Vibration and Core Group for input into the content

To the participants for your interest and taking the time to travel to Paris



And now: please enjoy...