

The Voice of European Railways

The European & rail sector's perspective: an increased interest for Climate Change Adaptation

Adapting Rail Infrastructure to Climate Change, UIC, Paris, 19 October 2010

Anne-Laure Le Merre

European Commission takes climate change adaptation on board



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- April 2009: White Paper "Adapting to climate change: Towards a European framework for action" (COM (2009)147/7)
 - Sept 2009: set up an Impact and Adaptation Steering Group to step up cooperation on adaptation 2009-2012: review each policy area to integrate adaptation, assessing 1) the potential impact of climate change in the sector, 2) the costs of action/inaction, 3) impact of proposed measures on other sectors
 - From 2013 on: implement that EU strategy.
- Focus put on agriculture, health, water.
- One reference to transport infrastructure: Infrastructure projects which receive
 EU funding should take climate-proofing into account

EU Parliament too, but underlines needs for adequate funds for transport infrastructure!



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- European Parliament voted in June 2010 on the 2009 White paper: :
 - Give more emphasis on transport: transport infrastructure is much affected by climate change
 - Need for mitigation measures and modal shift:
 - o polluter pays principle
 - internalisation of external costs (Eurovignette)
 - EU existing funds are not enough

... Towards a European adaptation fund?

Link ongoing activities on extreme weather events!



The Voice of European Railways EU Commission's Adaptation Steering Group **UIC ARISCC** Weather Extremes: Assessment of impacts on Transport Systems and Hazards for European Regions (DG « Winter Preparedness » Research) **CER** workshops of EIM (18/06) and UIC (15/09) Extreme Weather impacts on European Networks of **EIM** Transport (DG Research) **CER-EIM position paper** Follow up to the ash cloud CEN/CENELEC crisis standardisation work (DG MOVE)



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UIC provides input on vulnerability and adaptation costs:

- ARISCC work
- Winter preparedness work
- Standardisation works
- **.**..?

CER and/or EIM feeds EU work with UIC input:

- Member of the EU Commission's Adaptation Steering Group
- Interested parties in EU Research projects (EWENT, WEATHER)
- Consulted stakholder for the ash cloud crisis' follow-up

Thank you for your attention!



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→ Anne-Laure LE MERRE Policy Advisor Freight&Passenger

Tel: +32 2 213 08 91

Email: anne-laure.lemerre@cer.be

→ For further information, visit our website: www.cer.be

