

Opening

Jean-Pierre Loubinoux,

Director General, UIC

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Growth expectations for rail



Rail Market Share (%)		
Year	Freight	Passenger
2000	11,5	7,6
2020 – ERRAC SRRRA	14	11
2050	22,2	15,3

Source: « Rail Route 2050 , The sustainable backbone of the Single European Transport Area », ERRAC Roadmaps

UIC Rail System Department



MISSION:

- Contributing to find cost-effective and implementable technical solutions
- Seeking improvement in railway cost structures in comparison with competing modes
- Improving railway system capacity
- Maintaining and improving the environmental advantages offered by the railway system in comparison with competing modes
- Maintaining and improving, within viable limits, the level of safety of the railway system

STRATEGY:

- “RSF Outlook & Vision” paper
- Guideline for new projects and manual to elaborate new project proposals
- Document approved by the RSF Plenary Session of 27 October 2011
- Contribution of All RSF Sectors to this common document

The RSF Outlook and Vision Document is a « living » document: a draft update is in preparation

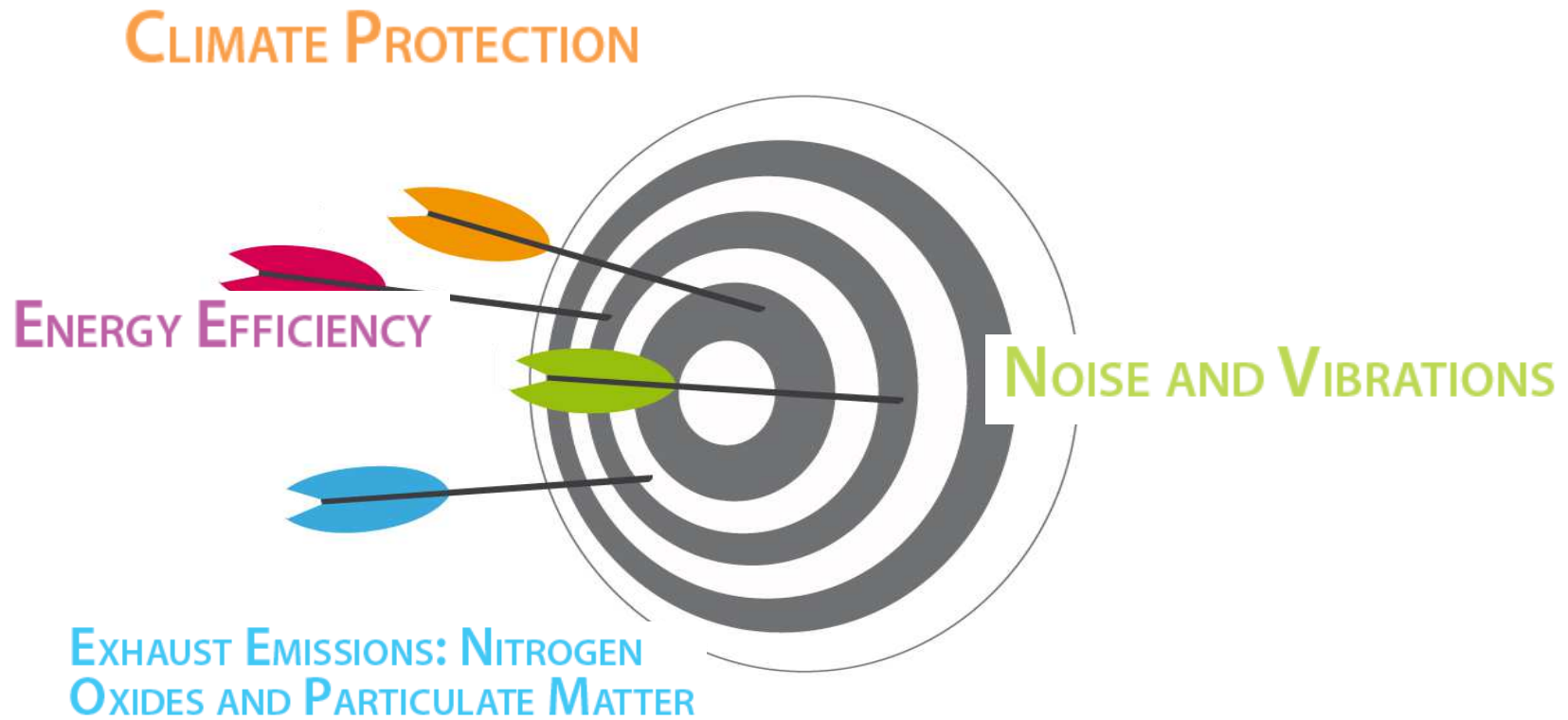
UIC Environment, Energy Efficiency & Sustainable mobility



‘Moving towards Sustainable Mobility: European Rail Sector Strategy 2030 and beyond’

- **Unified approach** to environmental and sustainability topics in the European rail sector **jointly agreed and endorsed** by UIC and CER in December 2010.
- **Rail performance** in environmental terms in 2030 and 2050, and **framework** to allow rail sector companies to make suitable **long-term plans**
- Establishes a **long term vision and targets** for major environmental issues connected to rail transport

THE TARGETS



Vibrations



- ERRAC: Noise and Vibration Roadmap fo the European Railway Sector:

« Noise and vibration levels [to be] socially and economically acceptable and [to] allow 24 hour passenger and goods operations by 2050 »

- Solutions not simple to find
- UIC accepted the coordination of the project
- UIC considers vibrations an essential issue
- TecRec Proposal on vibration measurement (UIC/UNIFE)

Thank you for your attention...

Jean-Pierre Loubinoux,
Director General, UIC

