



SUSTAINABILITY Action Week

Driving a Sustainable Future with Rail

2025 edition of
**SUSTAINABILITY
ACTION WEEK**



UIC Headquarters in Paris, France – 10-13th March 2025

#uicsustainabilityactionweek

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MESSAGE FROM THE UIC SUSTAINABILITY PLATFORM CHAIR



Lia Talarico, Head of Sustainability, Trenitalia

Welcome all to the 2025 edition of the UIC Sustainability Action Week. As Chair of the UIC Sustainability Platform, I am thrilled to join you all for this exciting week of innovation, cooperation, and action. Together, we will explore meaningful solutions to address the urgent social and environmental challenges of our time and how rail can better drive sustainable development. Our goal is to inspire and equip every member of our community to take sustainable action that will create lasting change.

Thank you for participating fully, openly sharing your challenges and successes, listening, and being curious about each other's perspectives and ideas. I encourage everyone to make the most of this opportunity to forge new connections, seek out new knowledge, and broaden our horizons. Let's make a difference, together!

Lia

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AGENDA

Mon, 10 March	Tue, 11 March	Wed, 12 March	Thu, 13 March
<p>From 12.00 - Registration & Network lunch from 12.30</p>	<p>08:30 Breakfast Session: Engaging Stakeholders in the climate challenge (Atrium)</p> <p>09:00 Railway Noise Day 1: Being a responsible neighbour (Stephenson & F.List)</p> <p>09:30 Sustainable Procurement meeting (ERPC members only - Room 205)</p> <p>10:00 Energy & CO2 Long-term prospects Workshop (Room 203)</p> <p>09:00 Train2BEQUAL Gender Equality Workshop (Care Montparnasse)</p>	<p>08:30 Networking Coffee morning (Atrium)</p> <p>09:00 Railway Noise Day 2: ERJU Quieter Rail (Stephenson & F.List)</p> <p>09:30 Zero Waste Workshop: the Power of Procurement (Room 203)</p>	<p>08:30 Networking Coffee morning (Atrium)</p> <p>09:00 Sustainable Land Use Workshop: Tracks of Harmony - Railways & Nature (Room 203)</p> <p>10:00 Air Quality management Workshop (Room 302)</p>
<p>12.30 - 13.30 Networking Lunch (Mezzanine)</p>			
<p>13:30 Opening Ceremony Plenary (Stephenson & F.List)</p> <p>15:00 Networking & Poster session (Stephenson & F.List)</p> <p>15:00 ECO2 Sector Meeting (members only - Room 303)</p> <p>16:30 Panel : Is Sustainability integrated into business strategy? (Stephenson & F.List)</p> <p>17:30 Networking Reception (Atrium)</p>	<p>13:30 Railway Noise Day 1: Being a responsible neighbour (Stephenson & F.List)</p> <p>13:30 Energy & CO2 Long-term prospects (Room 203)</p> <p>13:30 Sustainable Tourism (Room 303)</p>	<p>13:30 Climate change adaption Workshop: Partnerships for System Resilience (Stephenson & F.List)</p> <p>13:30 Zero Waste Workshop: Digital Passports (Room 203)</p> <p>15:30 Sustainability Reporting World Café +Sustainability Reporting World Café (Room 203)</p>	<p>13:30 Sustainable Land Use Workshop: Tracks of Harmony - Railways & Nature (Room 203)</p> <p>13:30 Air Quality Workshop (AQ sector members only - Room 302)</p>



Cheese and Wine night



Ice Cream Night

Some of our high-level speakers



Pia Orthén

Head of Sustainability

Jernhusen



Sylvain Haon

Sr Director Strategy & Transformation

UITP



Oskaras Alšauskas

IEA Energy Modeler and Analyst

IEA



Bertrand Goulou

Principal Transport Specialist

Asian Development Bank



Lia Talarico

Head of Sustainability

Trenitalia



Gabriel Castañares

Management Systems Manager

Renfe



Paolo Mazzeo

Sustainability Reporting Senior Technical Manager

EFRAG



Jeremie Joos

Partner, ESG Reporting & ESG Transformation Lead

KPMG France



François Combes

Freight Transport Economist

Université Gustave Eiffel



Jan Brooke

Chair of the Permanent Task Group on Climate Change

PIANC



Ethem Pekin

Head of Economic Policy and Sustainability

CER



Adrián Fernández

Director of Sustainability and Energy Efficiency

RENFE



Karoline Bakka Hjertø

Chief Sustainability Officer

Banenor



Stefano Scarci

Industry Solutions Technology and Innovation

EY



Armelle (Guérin) Weber

External Relations & Sustainability Manager

Eurostar

Confirmed participating members



DAY 1: Monday, 10 March 2025



Opening Ceremony

Driving the Future: Sustainable Solutions for a Greener Railway

Monday, 10 March 2025

 In-person only: Rooms - Stephenson & F.List

12:00

 Registration is now open! 

 Badge collection starts on Monday!

With 100+ in-person participants expected, we encourage you to pick up your badges early to ensure a smooth event experience

12:30

Networking lunch

13.30

Welcome from Director for Sustainability, Lucie Anderton

Opening speech from Lia Talarico

Does Rail Matter? – A Discussion On The Future Of Global Sustainable Transport

- Bertrand Goalou, Asian Development Bank
- Oskaras Alsauska, Energy Analyst, IEA
- Sylvain Haon, Sr Director Strategy & Transformation, UITP
- Ashley Acker, Expert on Women's Empowerment in Rail Transport, United Nations ESCAP

15.00 – 15.30

Poster pitches - elevator pitch from sponsors and poster hosts

15.30 – 16.30

Coffee break and Time to mingle and discuss the posters and visit our sponsors area (Atrium)

Posters displayed:

- | | | |
|-------------------------------------|---|---|
| 1. Rail Sustainability Index | 7. TRAIN2BEQUAL | 14. Environmental Specifications for Rolling Stock (IRS30345) |
| 2. EcoPassenger API & Trenitalia | 8. Sustainable Stations | 15. Ecosystem Valuation for Railways |
| 3. Traction Energy Database | 9. Rail4Cities | 16. ELPA (<i>Gold Sponsor</i>) |
| 4. Energy and Air Quality Solutions | 10. Future rail Tourism and Tour & Rail | 17. Noise from Parked Trains |
| 5. SFERA | 11. Multimodx | 18. Sustainability Platform Activities |
| 6. Extended Air Quality Solution | 12. - | |
| | 13. Zero Waste Railways | |

16.30

Is sustainability integrated into business strategy?

- **Keynote speech:** How can sustainability regulation can be turned into an opportunity for the railway sector?
Ethem Pekin, Head of Economic Policy and Sustainability, CER
- **“In Action” presentation - Placing sustainability at the heart of your business strategy:** The case at RENFE
Adrián Fernández, Director of Sustainability and Energy Efficiency, RENFE

Panel discussion - Moderator: Lucie Anderton, UIC Sustainability Director

Panellists:

- Lia Talarico, UIC Sustainability Platform Chair
- Karoline Bakka Hjertø, Chief Sustainability Officer, Bane NOR
- Michelle Lister, Sustainability Coordinator, EFE Chile
- Adrián Fernández, Director of Sustainability and Energy Efficiency, RENFE

Q&A

17.30 – 20:00

Cheese and Wine night - Networking drinks and reception (Atrium)

Sponsored by



DAY 2: Tuesday, 11 March 2025



Breakfast Session

How Do We Engage Customers and Stakeholders In Climate Challenges?

Tuesday, 11 March 2025


 In-person: Atrium

 No online access

8.30 – 09.30 Keynote speech: Lia Talarico

Panel discussion - Moderator: Lucie Anderton, UIC Sustainability Director

Panellists:

- Armelle Weber, External Relations and Sustainability Manager, Eurostar
- Stefano Scarci, Industry Solutions Technology and Innovation, EY
- Ines Sturm, Programme Manager for Sustainable Procurement, ÖBB

ELPA, environmental management and tribotechnology, Ltd. | E-mail: info@elpa.si | Web: www.elpa.si



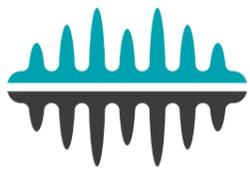
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in reduction of RAIL FRICTION NOISE
WONROS® technology – Wear out and Noise Reduction On Source

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 TUNNELS

WONROS® technology works by introducing a micron film of extremely resistant, relatively non-slip composite material into all problematic friction contact parts of the rail/wheel/retarder.

WONROS® technology, with its application devices and used CHFC (Composite Hardly-Fluid Compound) DBM® composite materials, distances itself from the use of lubricants in rail friction management precisely for the sake of traffic safety.



Railway Noise Day 1: Being a Responsible Neighbour

Sustainable Railways Strive to Be Good Neighbours

Tuesday, 11 March 2025

  **In-person: Rooms - Stephenson & F.List**
  **Meeting available online**

08:30 – 09:00 Registration and welcome coffee

09:00 – 09:30 **Welcome addresses & introduction**

- Jakob Oertli (SBB), Chair of UIC Noise and Vibration Sector

09:30 – 10:00 Seating Arrangement & Division in Groups

10:00 – 10:30 **Interactive debates - Session 1**

Debaters: Bart Van Damme (EMPA), Jenny Böhm (DZSF)

- Which has a higher potential for noise mitigation: the vehicle or the track?

10:30 – 11:00 **Coffee break**

11:00 – 11:30 **Interactive debates - Session 2**

Debaters: Ard Kuijpers (M+P), Rüdiger Garburg (DB)

- Have the railways undertaken enough to reduce noise?

11:30 – 12:00 **Interactive debates - Session 3**

Debaters: Lorenzo Franzoni (UIC), Franck Poisson (SNCF)

- Should railways promote higher or lower noise limit values along railway lines?

12:00 – 12:30 **Interactive debates - Session 4**

Debaters: Pinar Yilmazer (UIC), Alf Ekblad (Trafikverket)

- Should railways promote or attempt to prevent construction next to railway lines?

12:00 – 12:30 **General discussion and debates recap**

12:30 – 12:45 **Sponsor booth & lunch break**

14:00 – 15:00 **Global issues in railway noise management and maintenance**

- Vytaute Bacianskaite, Directorate-General for Environment (DG ENV) of the European Commission
- Sandy Zaehring, Directorate-General for Mobility and Transport (DG MOVE) of the European Commission
- Ethem Pekin, Community of European Railway and Infrastructure Companies (CER)
- Carlito Mendoza Rufo Jr., Asian Development Bank

15:00 – 15:20 **Coffee break | ERJU QuieterRail**

15:20 – 16:45 **ERJU-QuieterRail | On-board roughness measurements and rail grinding**

- Acoustic rail roughness as a noise control measure - Baldrik Faure (SNCF)
- Points of view in terms of on-board measurements
 - Supplier perspective - Ard Kuijpers (M+P)
 - Research perspective - Luis Baeza (UPV)
- Rail grinding & annoyance: UIC ACORD - Juliette Florentin (Infrabel)
- The EU-QuieterRail WP3 approach: How you can participate - Pinar Yilmazer (UIC)



16:45 – 17:15 **Summary and closing session**

“Reflections on more than 30 years in the railway noise business: Personal observations and lessons learned”

Jakob Oertli (SBB), Chair of UIC Noise Vibration Sector

18.00 – 20.00 **Networking drinks and reception (Atrium)**

The clue without the glue

Rail dampers from Schrey & Veit provide smart noise mitigation directly at the track. They are individually tuned, fireproof and can be installed mechanically in no time. Since they do not require any adhesive, they are approved for all tracks in Germany and many countries worldwide.



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Gender Equality

Enhancing Gender-Responsive Solutions for Rail Stations

Tuesday, 11 March 2025



In-person only: Gare Montparnasse

Walking technical visit + workshop

Meeting Point

We will meet at **Montparnasse railway station at 9:00 AM, Hall 2, in front of platform 11 & 12, near the Relay shop** (see the photo below).



Montparnasse is a large station, so please **allow extra time to arrive**

09:00

Guided tour: Walkthrough of a rail station showcasing examples of gender-responsive design elements

- Discussion of existing strengths and areas for improvement
- Insight from station managers on how management impacts design

10:30

End of guided tour: Workshop kick-off (meeting room at the Gare Montparnasse)

- Feedback from the visit and workshop objectives: Overview of the session's goals and outcomes - Maria Gusarova (UIC)

10:45

Setting the scene: Understanding gender-responsive design in railway stations

- Importance of incorporating gender-responsive design in the early planning stages
- Key challenges at operational level
- Benefits for station managers

11:00

Best practices and case studies: What worked?

- Accessibility (e.g. clear signage, step-free access, family-friendly facilities)
- Amenities and environment (e.g. seating, toilets, breastfeeding rooms, lighting)
- Security (e.g. "panic buttons", CCTV surveillance)
- Rolling stock – gender-focused rolling stock design

11:45

Lessons learned: What didn't work?

- Open group discussion on informal examples of gender-responsive design initiatives that haven't been successful

12:30

Key takeaways and next steps

- **Summary discussion:** Key lessons learned
- **Future collaboration:** Opportunities for further collaboration and resource sharing

12:45

Metro back to UIC Headquarters for lunch



Sustainable Procurement

S2 and Scope 3

Tuesday, 11 March 2025

In-Person registration: ERPC members only - please email Ines.Sturm@oebb.at
  **meeting available online**

[ERPC | UIC - International union of railways](#)



The European Railways Purchasing Conference (ERPC) is an institution created by European railway companies, both operators/undertakings and infrastructure managers.

The ERPC serves as a forum for Purchasing Directors of European railway companies, with the objective to encourage and support the development of professional purchasing processes within member companies. ERPC is further committed to using its professional practices to support the sector's transformation towards the ESG goals outlined in each company's strategies.

To achieve these objectives, ERPC fosters mutual contacts among leading railway buyers. Since 1 July 2004, ERPC has been a body of the International Union of Railways (UIC) and operates as a "Special Group" in accordance with the UIC statutes.

09.30	Warm up and definition of ERPC SPWG Sustainable Procurement Projects 2025
	Workers in the value chain (ESRS S2)
12:30	Lunch break
13:30	Scope 3 emissions strategy and targets
16.00	Energy and Decarbonisation Workshop (Room 203): Outcomes of the Scope 3 roundtable
18.00 – 20.00	Networking drinks and reception (Atrium)



Energy and Decarbonisation: Research & long-term prospects workshop

Longer term roadmap and developments for energy efficiency and decarbonisation (UIC Energy Efficiency & CO₂ Emissions Sector)

Tuesday, 11 March 2025

In-person: Room 203

  meeting available online

10:00

Welcome, introduction

UIC Sector leads

10:10

Keynote speech: IEA key findings, technology and innovation

Oskaras Alsauskas, IEA

10:30

Breakout sessions

10:30

Session 1.1: Operations/rolling stock

Moderator: Slot available

Speakers:

- Carbon free maintenance (grinding, milling, etc) - Matthijs Doesburg, ProRail
- 2050 carbon neutrality technologies dedicated to railways from a life cycle perspective - Kayoung Shin, KRRRI
- SFERA (DAS & Digital European Instructions) and traction energy measurement & settlement, energy market - Bart Van der Spiegel, Infrabel; Sébastien Dislaire, SNCF Réseau (support - Philippe Stefanos, UIC)
- Energy digital twins for energy saving and CO₂ reduction - Luis Alonso & André-Philippe Chamaret, SNCF Voyageurs
- Further slots available

Other topics in relation to energy and CO₂ can be addressed - Proposed topics:

Energy saving developments
 Battery trains & last mile
 Electrification & alternative fuels, TEN-T full electrification

10:30

Session 1.2: Infrastructure/stations/buildings

Moderator: Denzel Collins - Network Rail Further slots available

Speakers:

- Carbon free maintenance (grinding, milling, etc) - Gerald Olde Monnikhof, ProRail
- SFERA (DAS & Digital European Instructions) and traction energy measurement & settlement, energy market - Bart Van der Spiegel, Infrabel; Sébastien Dislaire, SNCF Réseau (Support - Philippe Stefanos, UIC)
- Battery trains | Results of a survey on electricity strategies - Paul Tobback, TUC Rail
- Climate transition plans - Karoline Hjertø, Bane NOR
- Further slots available

Other topics in relation to energy and CO₂ can be addressed - Proposed topics:

Integration of renewable energy
 Charging and Storage
 TEN-T

12:30

Lunch

13:30

Continued sessions

15:00

Coffee break

15:15

Prepare session summary – Supported by Flatland for visual recording and summarising

Session moderator/voluntary participant

Return to main room

16:00

Share the summary for plenary

Session moderator/voluntary participant

Closing discussion

End of workshop

18.00

Networking drinks and reception (Atrium)



Sustainable Tourism

How leisure rail tourism can contribute to sustainable mobility, with a focus on regional services and customer experience

Tuesday, 11 March 2025

In-person: Room 303

  Meeting available online

13:30 Welcome, introduction

Presentation of the workshop and its objectives

What are the key challenges for railways (e.g. infrastructure, policy, customer perception) in expanding rail tourism?

How can cooperation between rail operators, governments, and tourism boards facilitate the growth of cross-border rail tourism?

14:00 **Enhancing the customer experience in rail leisure tourism**

What are the key strategies to expand and enhance rail tourism globally, making it both sustainable and economically viable?

- [T-F Categorisation and awards](#), Carles Casas, Director of Strategic Planning and ESG at FGC, UIC TopRail chair
- [Future Rail Tourism Survey Results](#), Marco Genovese, chair FRT
- **Mobility to and at the holiday destination**, Josef Schneider Chair of EPF's Management Board
- [Improving rail-bike connectivity for tourists](#), Agathe Daudibon, EuroVelo and Cycling Tourism Director, ECF

Q&A

15:00 **The role of rail in transitioning to sustainable tourism**

How can rail operators innovate to improve customer experience in leisure tourism and attract more travellers?

- **Successful initiatives UIC CEMP & Gothard Panorama Express use case**, Jörg Ostwald, Head Product and Services, SBB Passenger
- **EY Future Travel Behaviors Observatory: what transport operators should do to encourage more sustainable travel choices**, Stefano Scarci, Mobility Expert, EY
- **Discovering Spain through its railways - Three proposals of sustainable tourism**, Adrián Fernández Carrasco, Director of Sustainability and Energy Efficiency, Renfe Operadora

Q&A

15:45 **Coffee break**

16:00 **Unlocking the potential of rail tourism in regional & commuter trains**

What are the key drivers for making regional trains attractive for tourists?

- **Examples of successful rail tourism initiatives from Commuter and Regional Trains Group**, Federica Follesa, UIC CRTS Chair
- **Trenitalia Regionale case**, Roberta Mezzapesa, Trenitalia
- **Initiatives to attract tourists and commuters to DSB's Coastal line service**, Magnus Just Hansen, Director of International Affairs, DSB
- **Gite in Treno**, Leonardo Cesarini, Chief Commercial Officer, Trenord
- [Tour&Rail EU project](#), Nacima Baron-Yelles, Senior Researcher Institut Universitaire de France - Université Gustave Eiffel

Q&A

17:00 **Summary and insights**

- Key takeaways from the discussions
- Defining action points for UIC and its members
- Final reflections and closing remarks

18:00 **Networking drinks and reception (Atrium)**




CALLING ALL leisure travelers!

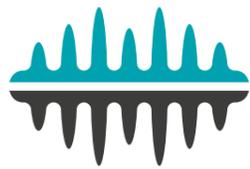
The International Union of Railways (UIC) is conducting a survey to better understand your thoughts and preferences about rail travel and tourism. Your insights are invaluable and will help shape the future of rail travel, making it even more enjoyable, sustainable, and tailored to your needs.

LET'S MAKE TRAIN JOURNEYS THE ULTIMATE WAY TO EXPLORE THE WORLD!

SCAN ME

Take a few moments to share your views and contribute to the development of rail tourism worldwide.

DAY 3: Wednesday, 12 March 2025



Railway Noise Day 2: ERJU QuieterRail Project Whole System Optimisation

Wednesday, 12 March 2025

 **In-person: Rooms - Stephenson & F.List**
 **Meeting Available online**



Content: The ERJU QuieterRail event focuses on bringing together experts from various fields to engage in structured debates on mitigating noise and vibration within a whole-system optimisation framework. The event integrates perspectives from noise and vibration specialists, track engineers, and asset managers, fostering collaboration through interactive discussions and structured activities to develop practical solutions for the railway industry.

Key points:

- **Overview of the workshop:** The session will begin with an introduction to the workshop objectives and agenda, alongside AeroNoise project updates led by the UIC Track Expert Group.
- **QuieterRail project overview:** Presentations will cover the goals, status, and objectives of the ERJU QuieterRail project, with a focus on use case identification and optimisation criteria.
- **Open discussion:** An interactive discussion will explore how to balance costs, the effectiveness, environmental impact, and innovation in defining use cases and selecting optimisation criteria. Participants will share their insights to guide the progress of the QuieterRail project and propose ideas for use cases and criteria within the whole-system optimisation framework.

Time	Topic	Speakers
09:00 – 09:20	Welcome and introduction <ul style="list-style-type: none"> • Welcome by UIC representatives • Overview of the workshop objectives and agenda 	Rosa CASQUERO, UIC
09:20 – 09:40	UIC TEG activities <ul style="list-style-type: none"> • AeroNoise project: Outcomes and noise measurement protocol 	Gennaro Sica, HS2
09:45 – 10:00	EU QuieterRail project overview <ul style="list-style-type: none"> • Brief presentation on the QuieterRail project goals and status • Overview of WP4 objectives and priorities 	David Thompson, The Institute of Sound and Vibration Research
10:00 – 10:40	Use case identification & criteria for optimisation <ul style="list-style-type: none"> • Introduction to use case identification • Introduction to optimisation criteria Q&A	Jakob Oertli, SBB Simon Blainey, University of Birmingham
10:40 – 11:00	Coffee Break	
11:00 – 12:00	Discussion with participants <ul style="list-style-type: none"> • Discussion with participants on use cases • Discussion on the criteria for optimisation 	Jakob Oertli, SBB Anup Chalisey, RSSB
12:00 – 13:00	Summary and closing session	Pinar Yilmazer, UIC
13:00 – 14:30	Networking lunch EU-QuieterRail	



This project has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101176865.



Climate Change and Adaptation Seminar

Beyond the Tracks: Building Partnerships and Transport System Resilience

In-person: Rooms Stephenson F.List

Meeting available online

12.30 – 13.30 **Networking lunch**

13:30 – 13:45 Introduction and opening remarks

- Lucie Anderton, Director of Sustainability, UIC

13.45 – 14.10 **Keynote speech: Emergency experiences in Valencia, October 2024**

- Javier Peiro Bolos, Head of Coordination and Monitoring of Operations in the EAST Region, ADIF

Q&A

14.10 – 14.20 **Transport system resilience and supply chains**

- François Combes, Freight Transport Economist, Co-director of the Planning, Mobility and Environment Department, Université Gustave Eiffel

Q&A

14:20 – 15:20 **Multi-modal Round table on challenges, best practices and building partnerships**

- Francisco Cabrera Jeronimo, Deputy - Head of Operations & Safety, UIC
- Katherine Drayson, Senior Environment Manager, Transport for London (TFL)
- Jan Brooke, Chair of the Permanent Task Group on Climate Change, PIANC
- Patrick Mallejacq, Secretary General, PIARC
- Rachel Burbidge, Senior Policy Officer, Environment and Climate Change, Eurocontrol

15:20- 15:30 **Wrap up and summary – join Plenary Sustainability reporting in room 203**

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Vehicle	Indicator
501	48.0
507	47.3
510	44.3
520	43.7
521	43.4

Vehicle	Indicator
534	63.2
510	60.1
521	57.6
504	57.2
520	57.2

Need to step up your inspection and maintenance to save costs?



Zero Waste Workshop: The Power of Procurement

Procurement Best Practices and Data Flows for Sustainable Rolling Stock and Railway Material

👤 In-person: Room 203
 💻 meeting available online

Wednesday, 12 March 2025

8:30 – 9:00 Registration and networking coffee

9:00 – 9:20 Challenges in circular procurement: Introduction and opening remarks

- Isabelle De Keyzer, CE Sector Coordinator, Senior Advisor UIC
- Katy Beardsworth, CE Sector Chair and Circular Economy Strategy Manager, Network Rail
- Ilse de Vos-van Eekeren, CE Sector Co-Chair, Circular Business Manager, NS (Dutch Railways)

9:20 – 9:40 Session 1: Sustainable rolling stock procurement towards sustainable and circular railways

- The importance of standard setting for sustainable rolling stock procurement: **Christa Gjaltema, Consultant RICARDO**

9:40 – 10:40 Circularity in procurement: Best practice session

- Success stories from the ERPC Sustainable Procurement Group - Chair Ines Sturm, ÖBB
- Tools for embedding circularity in procurement: Prorail case study with ECI - Quinty Soede & Jan Zandbergen, ProRail
- Refurbished electronic equipment and DEKRA labelling – Coline Mellin, ALSTOM + RCUBE

10:40 – 11:00 Coffee break

11:00 – 11:40 Panel discussion: What does the supply industry need from the railway operating community?

Moderator: Ilse de Vos, Co-Chair CE Sector, Circular Business Manager, NS

Panellists:

- Lena Kriesel, RTR
- Davide Bonaffini, Hitachi Rail
- Rose Stephani, Railsponsible

11:40 – 12:15 Open discussion with breakout tables

Discussion on the challenges of circularity in procurement - with Flatland: visual record summary outcomes for each table

12:15 – 12:30 Wrap up: Presentations by the moderators

12:30 – 13:30 Lunch break

13:30 – 13:45 Session 2: Ecodesign Forum & Digital Product Passport (DPP) within Ecodesign for Sustainable Products Regulation (ESPR)

- **Introduction**, Cornelia Schalch, SBB

13:45 – 14:00 Digital product passports: An update

Moderator: D. Hurni, Cornelia Schalch

- Basics of DPP
- Update of project DPP rail of Swiss Federal Railways.
- Potential benefits and challenges for railway companies

14:00 – 14:15 Eco Design Forum

Moderator: E. Pekin, D. Hurni SBB, Cornelia Schalch

- Purpose and function of the Ecodesign Forum set up by the European Commission,
- Potential benefits and challenges for railway companies.

14:15 – 14:35 Workshop: How do we collaborate to meet the needs and benefits of railways regarding EcoDesign Forum?

Moderator: E. Pekin, D. Hurni SBB, Cornelia Schalch

14:35 – 14:45 Next steps and wrap-up

14:45 – 15:00 Closing remarks

15:00 – 15:30 Coffee break and join Sustainable reporting plenary session – staying in room 203

DAY 4: Thursday, 13 March 2025



Tracks of Harmony: Railways & Nature

Sustainable Land-Use Day

Thursday, 13 March 2025

In-Person: Rooms 203 and 202

 meeting available online

08:30 – 09:00 Registration and welcome coffee

09:00 – 09:15 Introduction and opening remarks - Thomas Schuh, ÖBB, UIC Sustainable Land Use Chair

- Forging new alliances: UIC's new collaborations

9:15 – 12:00 World café | Discussion

Moderator: Neil Strong, Network Rail

Topic	Moderator
Innovative approaches to vegetation management	Marjolein Evers and Quinty Soede ProRail, LIFE NatureRail Project
Enhancing landscape and reducing wildlife collisions	Andreas Seiler Swedish University of Agricultural Sciences (SLU) IENE Safer Railways for Wildlife Working Group
Advancing biodiversity standardisation	Monja Korter International Organization for Standardization (ISO)
Tackling powerline-related bird mortality: Effective solutions	Marek Galis Raptor Society of Slovakia, LIFE DANUBE FREE SKY Project

12:00 – 13:00 Lunch break

13:00 – 13:45 World café wrap-up presentations and the UIC Sustainable Land Use Sector as a permanent UIC Activity: From 2026 onwards

13:45 – 14:30 Financing nature restoration: Opportunities for railways

- Christopher Harris, European Bank for Reconstruction and Development
- Bertrand Goalou, Asia Development Bank

14:30 – 15:15 Integrating ecosystem services: From urban landscapes to transport networks

- Pia Orthén, Jernhusen
- Michael Image & Marie-Claire Jalaguier, AtkinsRealis Ecosystem Valuation for Railways (ECOV4R) Project

15:15 – 15:30 Coffee break

15:30 – 16:15 Mainstreaming biodiversity in multimodal infrastructure

- Lorenzo Franzoni, UIC, SYMBIOSIS Project
- Elke Hahn, Austrian Federal Ministry for Climate Action

16:15 - 17:00 Environmental Challenges for UIC members: Planning, monitoring and reporting

- Simeon Eichelmann, Rhätische Bahn
- Iveta Jěgere, RB Rail AS

17:00 Closing remarks

- Neil Strong, Network Rail, UIC Sustainable Land Use Co-Chair

 AtkinsRealis

Engineering a better future for our planet and its people



www.atkinsrealis.com



Air Quality Management in Rail

Deepening The Understanding Of Air Pollution In Rail, And How To Manage It

Thursday, 13 March 2025

In-person: Room 302

  meeting available online

10:00 Air quality management in rail (opening session)

10:00 Welcome/introduction

UIC Sector leads

10:10 Understanding air quality in rail

Speakers:

- Introduction & workshop: What influences AQ? (e.g. aerodynamics, number of trains, brake types, material, ...) - Christa Gjaltema, NS Ricardo

10:30 Summary from AQ Sector and an overview of solutions

- Laurent Dupont, SNCF

10:50 Monitoring/measurement overview, prediction models, validating models vs measurements

- Connor Albutt-Wilkinson, RSSB
- Minghui Tu, Trafikverket
- Théo Schwartz, SNCF

11:30 Challenges in managing air quality

Question to all participants:

- What are your company's specific challenges?

Jessica Queron, INERIS

- Toxicity: effects on health, what we know, and what we don't

12:10 Focus on a selection of solutions

- Avoid emissions: Electrodynamical/electromechanical braking
- Reduce emissions: DAS & efficient driving
- Reduce pollution: Mechanical filtration

12:30 Lunch

13:30 Air Quality Sector Meeting (NDA Sector Members Only)

13.30 –
16:00

- Communication about air quality in rail
- State-of-art report
- Goal review (objectives)
- Specifications for rolling stock
- Next meeting organisation



PRACTICAL INFORMATION

Venue

UIC Headquarters in Paris
 16 Rue Jean Rey, Paris 75015
[View in Google maps](#)

By Metro: Bir Hakeim – line 6

By RER: Champ de Mars – Tour Eiffel



We encourage all participants to make the sustainable choice and opt to walk, cycle or use public transport 

Hotels

Hotel
MERCURE Paris Centre Tour Eiffel ****
 20 rue Jean Rey - 75015 Paris
 Metro 6: Bir Hakeim / RER C: Champ de Mars-Tour Eiffel
h2175-sb2@accor.com
<http://www.mercure.com>

Hotel Le Marquis ****
 15 rue Duplex - 75015 Paris
 Metro 6: La Motte-Picquet / RER C: Champ de Mars – Eiffel Tower
<http://www.lemarquisparis.com>

Hotel Eiffel Seine ***
 3, bd de Grenelle - 75015 Paris
 Metro 6: Bir Hakeim / RER C: Champ de Mars – Eiffel Tower
contacts@eiffelseine.com
<http://www.paris-hotel-eiffelseine.com>

Hotel Beaugrenelle Tour Eiffel ***
 19, rue Viala - 75015 Paris
 Metro 6: Duplex / RER C: Champ de Mars – Tour Eiffel
<http://www.hotelbeaugrenelle.com>

Hotel France EIFFEL***
 8 rue Saint Charles - 75015 Paris
 Metro 6: Duplex / RER C: Champ de Mars-Tour Eiffel
<http://www.escapade-paris.com>

Hotel EIFFEL Saint-Charles ***
 37 rue Saint Charles - 75015 Paris
 Metro 6: Duplex or Metro 10: Emile Zola
EIFFELSTCHARLES@HOTELS-EMERAUDE.COM
<http://www.eiffelsaintcharles.com>

Hotel Relais Saint Charles ***
 72, blvd de Grenelle - 75015 Paris Phone: 33 1 40 58 00 57
 Metro 6: Duplex / RER C: Champ de Mars – Eiffel Tower
rsc@relaisstcharles.fr <http://www.relais-saint-charles.com>

Hotel ARES EIFFEL ****
 7, rue Général Larminat - 75015 Paris
 Metro 6 : La Motte-Picquet
contact@areseiffel.fr
<http://ares-paris-hotel.com>

Hotel EIFFEL CAPITOL***
 9, rue Viala - 75015 Paris
 Metro 6 : Duplex / RER C: Champ de Mars
hoteleiffelcapitol@regetel.com
www.paris-hotel-eiffel-capitol.com

Catering

A vegetarian Breakfast, lunch and coffee breaks will be provided during Sustainability Action Week. Please inform us if you have any other special requirements or dietary restrictions. At 17:00-19:30 on 10 March, and at 18:00-19.30 on 11 March, an evening drinks reception will also be hosted at UIC.

Dress code

No official dress code for the event – the evening receptions will be held straight after the working sessions so, no need for outfit changes!

Communication

You are encouraged to share your reflections and reactions using [#uicsustainabilityactionweek](https://twitter.com/hashtags/#!/uicsustainabilityactionweek) and to tag us [@UICrail](https://twitter.com/#!/uicrail)



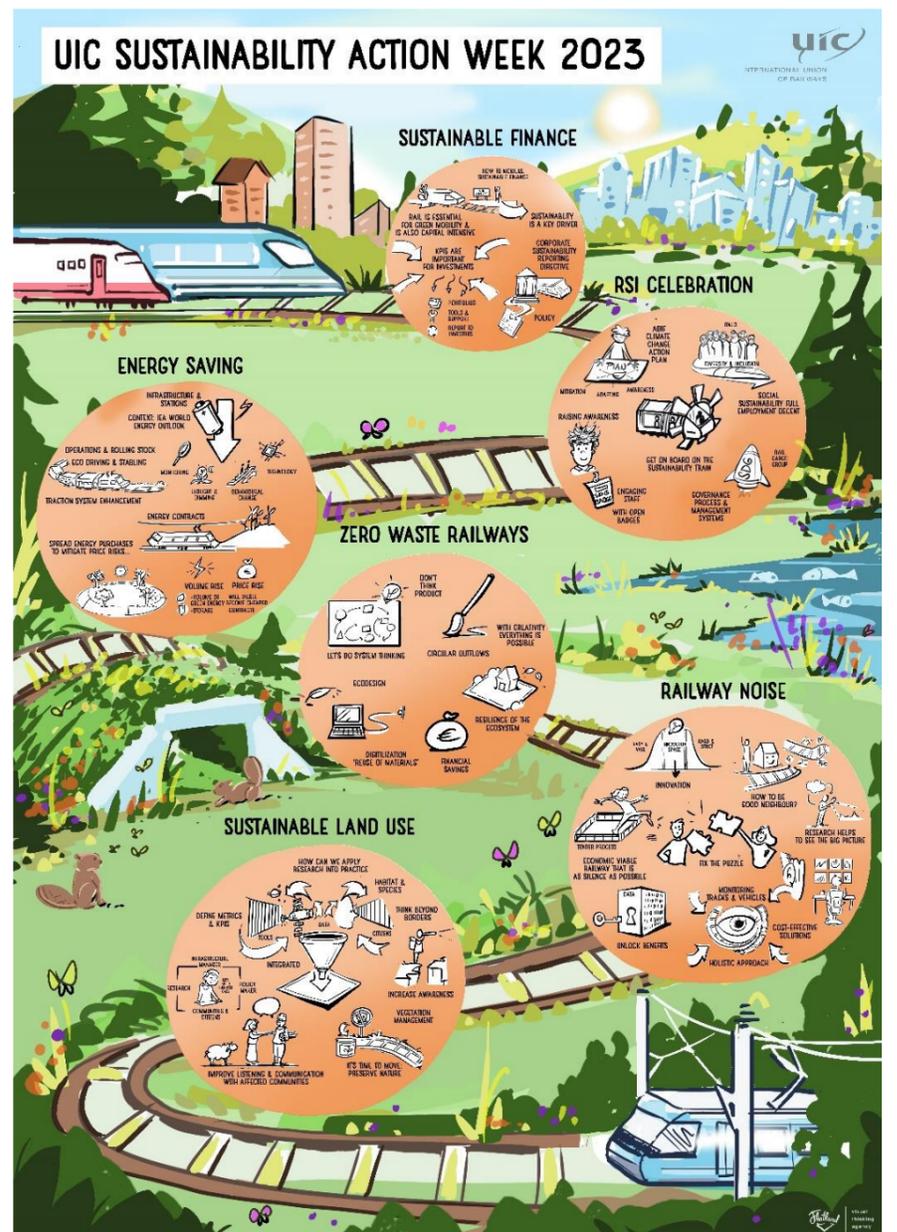
We will have a professional photographer available on Monday and Tuesday and they may join your sessions. All photos will be made available for participants shortly after the event.

As in 2023, we will be working with our visual recorder, Flatland, during some of the interactive workshops. Flatland is a visual consultancy that helps navigate complexity through visualisation and co-creation. By making ideas visible and tangible, they create clarity, alignment, and momentum for change.

At **UIC Sustainability Action Week 2025**, Flatland will support select workshops by visually capturing discussions in real time - helping to see connections, identify solutions, and turn ideas into action. Their visual approach ensures that complex topics become clear, engaging, and more actionable.



Let's draw a better world together





Code of conduct

UIC is committed to fostering a welcoming environment that is safe, collaborative, and productive for supporting dialogue at its events and values the participation of all its attendees. UIC expects all attendees, members, media representatives, speakers, organisers, staff, and exhibitors associated with the event to adhere to this Code of Conduct and the following principles:

- a. Be considerate and respectful of differing perspectives
- b. Alert staff or security of any dangerous situations, violations of this Code of Conduct, or of anyone in distress

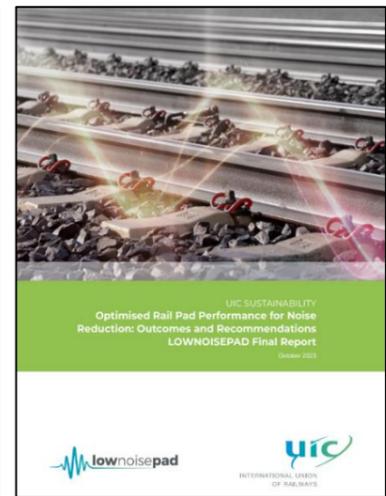
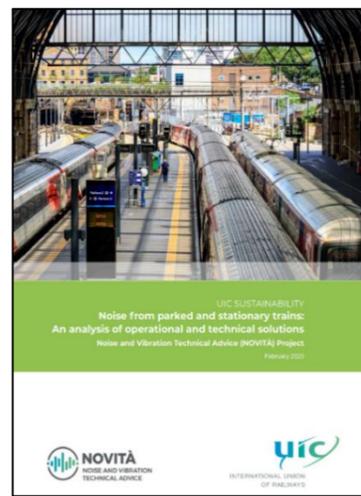
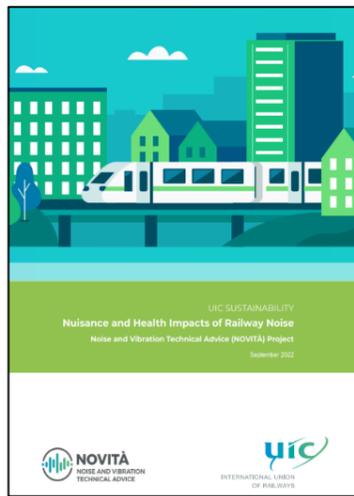
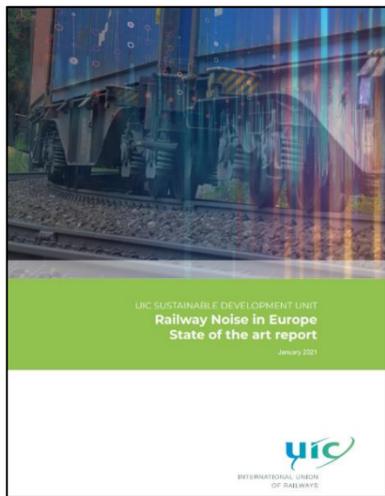
Unacceptable behaviours include:

- Intimidating, harassing, abusive, discriminatory, derogatory, or demeaning speech or actions
- Harassing behaviour such as offensive verbal comments related to gender, sexual orientation, race, religion, national origin, gender identity, or disability; deliberate intimidation; virtual or in-person stalking or unwelcome following, including on social media; harassing photography, recording or social media posts; shouting at or threatening speakers
- Sustained disruption of talks or other events
- Unwelcome physical or verbal contact or sexual attention
- Verbal or physical abuse, intimidation, threats, or efforts to annoy others, creating a disturbance that is disruptive or dangerous or creates reasonable apprehension in a person

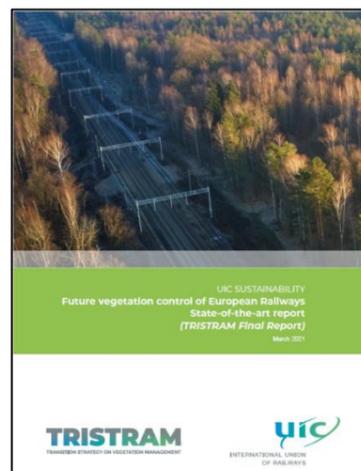
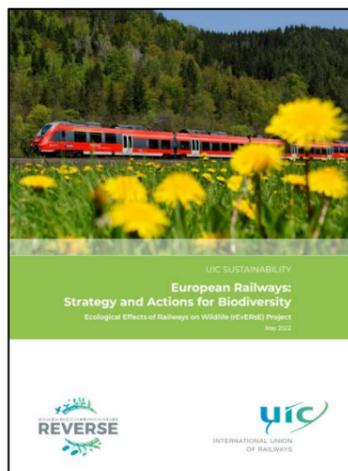
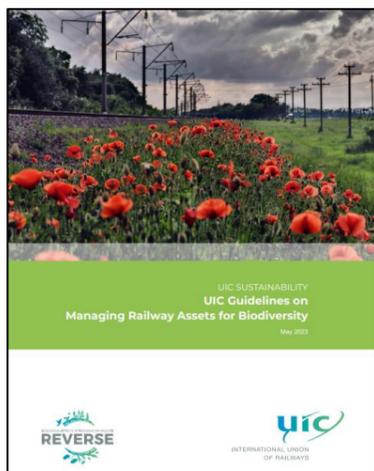
UIC reserves the right to remove or block any person who violates this Code of Conduct. UIC encourages prompt reporting of violations so that immediate action can be taken to address the concern. Complaints may also be raised after the event has concluded. You may make a report in person to any UIC staff member.

Reading materials

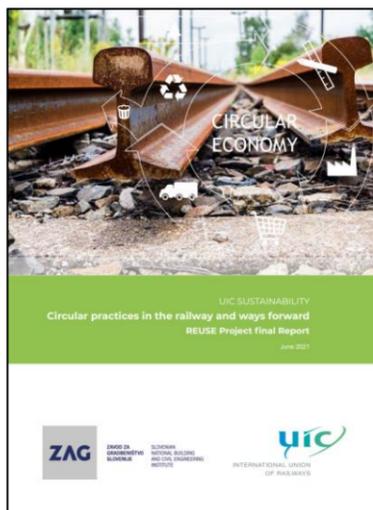
Noise and vibration



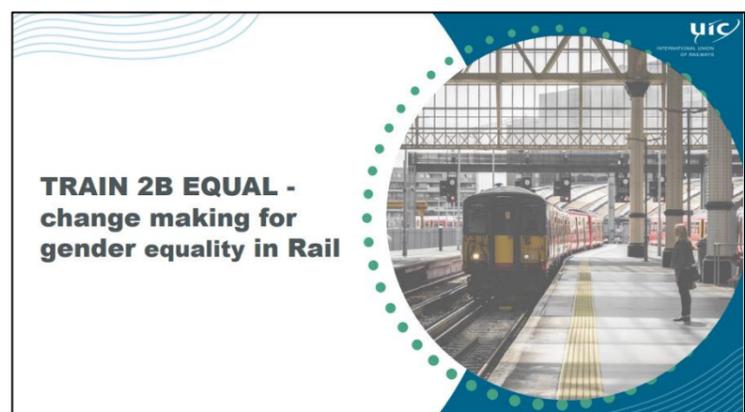
Sustainable land-use



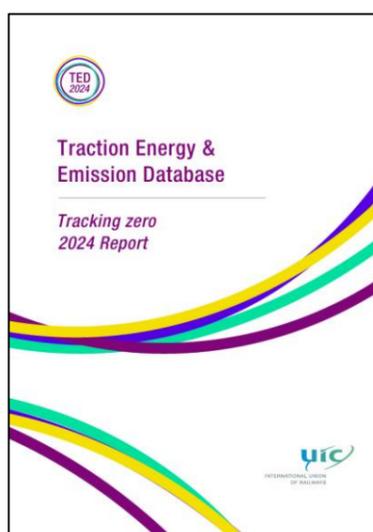
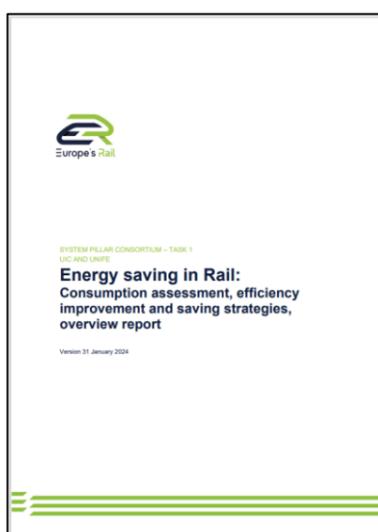
Circular economy



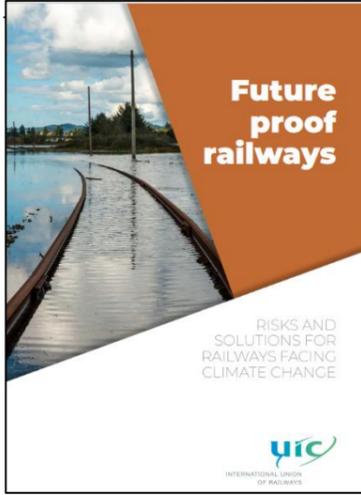
Gender



Energy efficiency & CO₂ emissions



**Climate
change
adaptation
and
resilience**



**International
Railway
Solutions**

- IRS 70723: Technical aspects of vegetation control and tree risk management - Guidance and recommendations ([link](#))
- IRS 75717: Track noise measurement guidelines - A methodology to measure and compare noise emissions during train pass-bys ([link](#))
- IRS 90940: SFERA Protocol: Train Operation Data Exchange with On-Board Devices ([link](#))



SUSTAINABILITY Action Week