

Welcome! Webinar to start soon!

How Rail Freight helps achieving Climate Goals

Railway contribution to the Green Deal Objectives

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Modal Shift Potential - from Road to Rail Freight



Substituting rail for long-distance road freight would lift the modal share for rail freight to 36%

... and save 40 million ton CO₂ (- 21%)

Key Targets for 2030 and European Green Deal

40 %*

Cuts in GhG
emissions
(compared to
1990 levels)

32.5 %

Improvement
in energy
efficiency

32%

Share in
renewable
energy

AMBITION: CARBON NEUTRAL ECONOMY IN THE EUROPEAN UNION BY 2050

*New provisional objective of reducing GHG by 55% agreed on 21 April 2021 in the Climate Law

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EC Green Deal Package – ambitious targets, including among others...

- 90% reduction in transport emissions by 2050
- a substantial part of the inland freight carried today by road to shift to rail and inland waterways

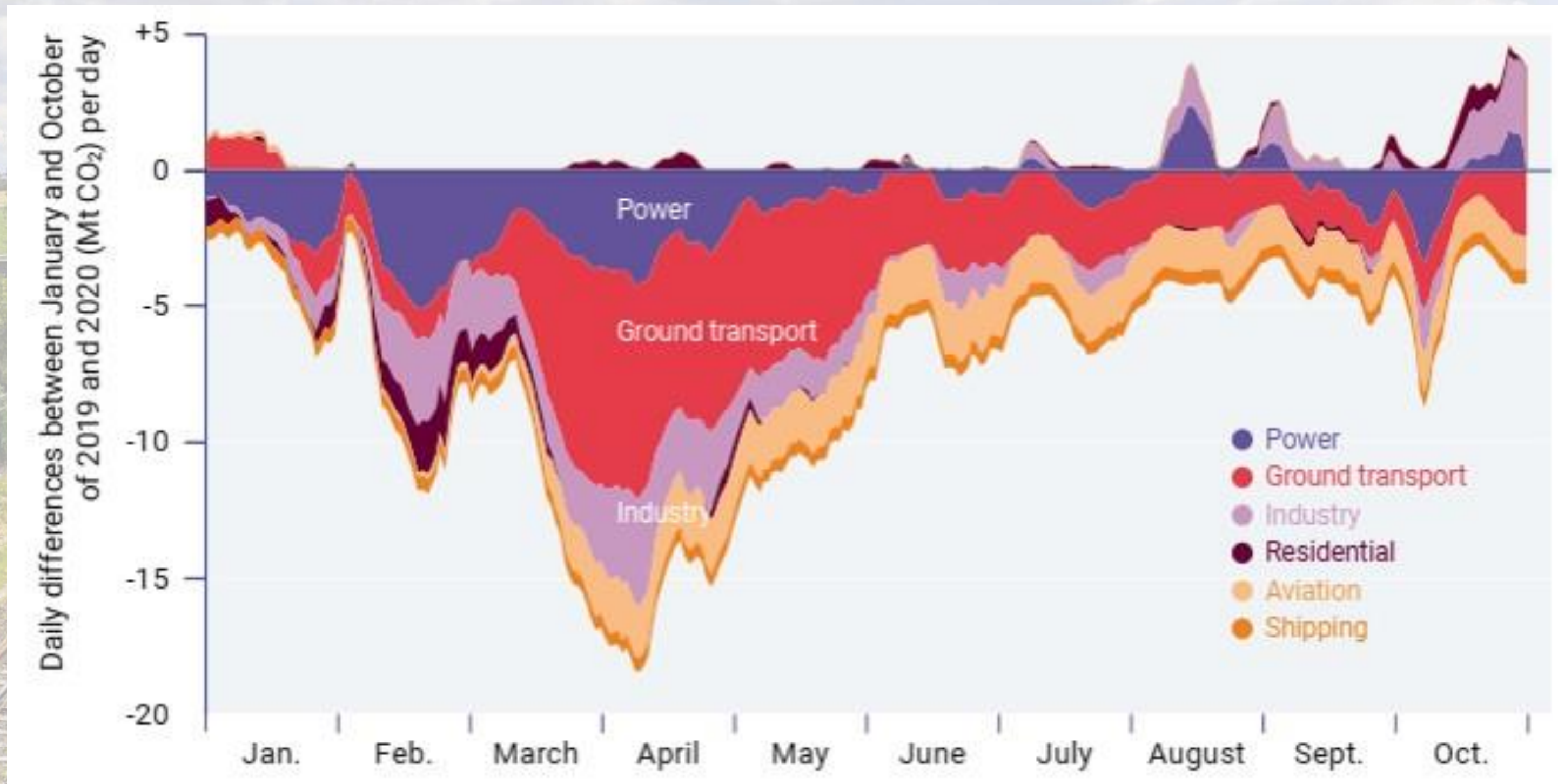
Roadmap extract

- No clear direct policy support for rail, but agreed on 21 April 2021 in the Climate Law

Strategy for sustainable
and smart mobility

Measures to increase
and better manage the
capacity of railways

Impact of Covid-19 Crisis on CO₂ Emissions



Reduction in emissions in 2020 relative to 2019 levels due to COVID-19 lockdowns - United Nations – Environment programme (UNEP)

Six Key Factors to Increase and Better Manage Railway Capacities



1. Attract more private investments by ensuring a level playing field for all transport modes.

2. Take full advantage of technological developments.

3. Develop a green logistic chain through a multimodal strategy.

4. Be more market-oriented by facilitating the access to the rail offer.

5. Put the customer as the central focus.

6. Increase leadership by building a global vision of the logistics' chain impact.

A Level Playing Field for all Transport Modes

Achieving a fair and mode-neutral regulatory environment

User pays and polluters pays principle,
Eurovignette directive, road pricing



Investing strategically on lines

Strategic priority projects defined at EU level



Modern Railways Using the Most Recent Innovations

Decarbonising the last segments of the railway network

Electrification, fuel cells and hydrogen



Modernising the railways through technology

Path to Digitalisation > Automatic Train Operation,
European Rail Traffic Management System,
Digital Automatic Coupling



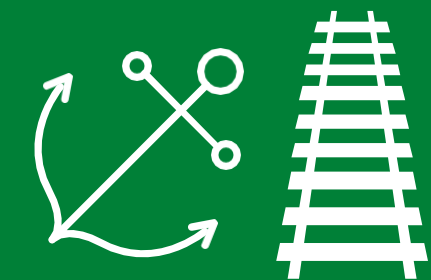
A Green logistic Chain Through a Multimodal Strategy

Favoring the intermodal and combined transport

Analysis of the demand on all of freight corridors including the terminal capacities in and around ports with a prioritization made accordingly; craneability must improve; ERA's dedicated working group on combined transport

Develop a Sea-Rail-Waterways strategy at EU level

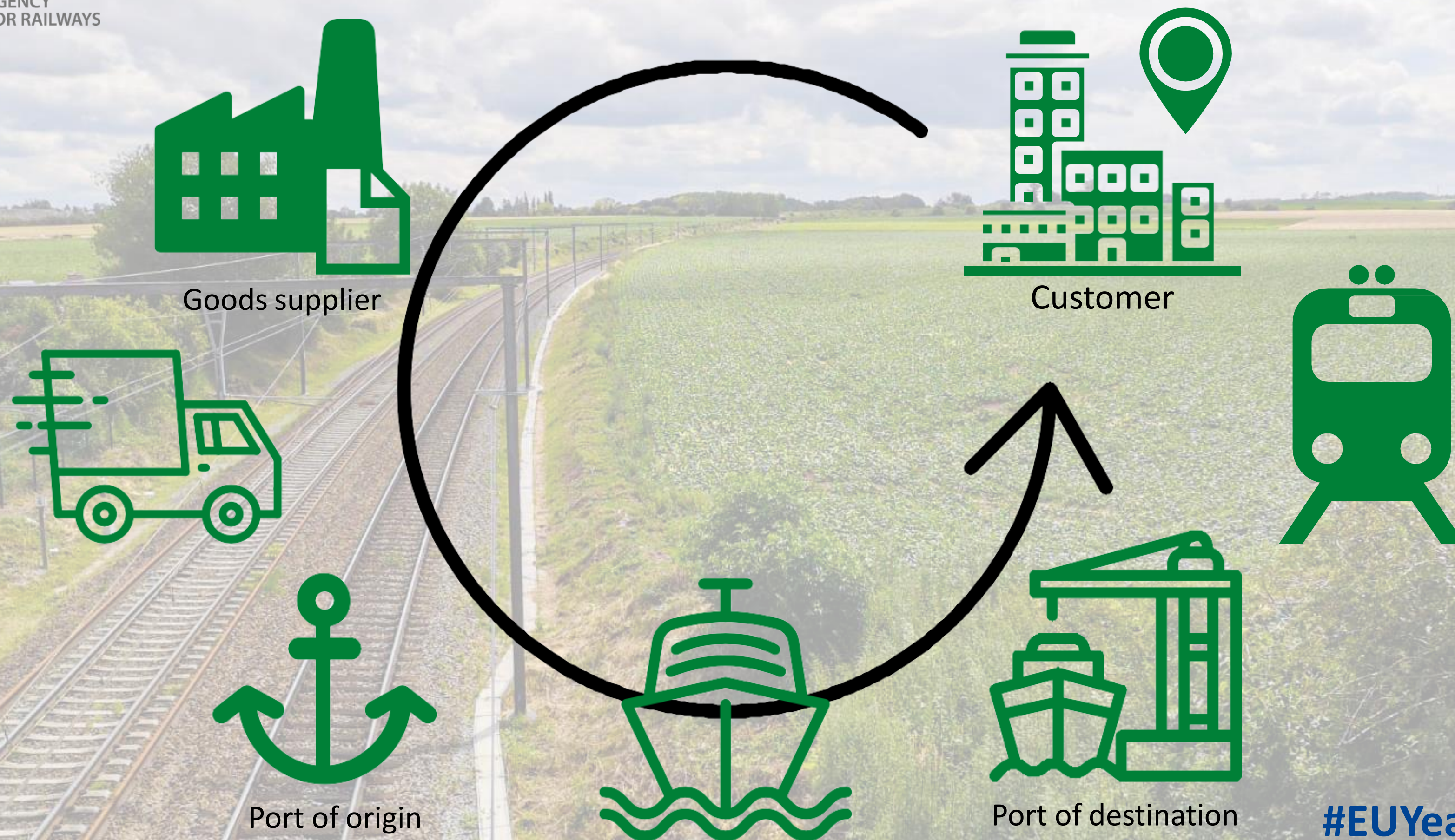
Ports becoming more multimodal hubs where railway should play an important role; need of synergy strategy between maritime, waterways and railway worlds elaborated at EU level; legislative initiative covering interoperability between modes of transport



Tackling the last mile challenge: urban railway logistic

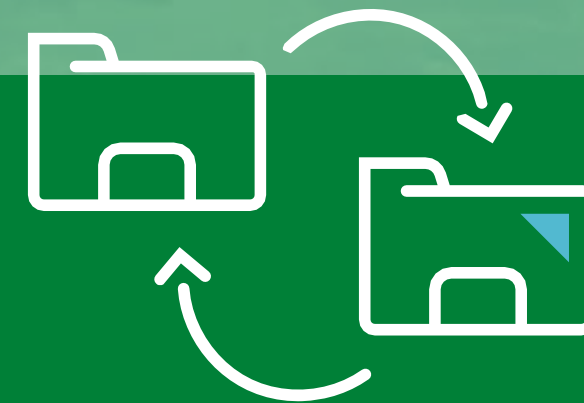
Land Transport Agency or a multimodal Agency

A Green Logistic Chain Through a Multimodal Strategy



Developing a marketplace for rail

European platform for rail freight data exchange



Identifying the missing links

365 cross-border rail connections identified, out of which 149 are non-operational today



Identifying the market of tomorrow

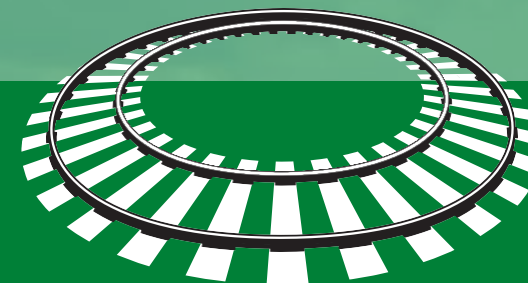
Transport of goods via intermodal transport chain



The Customers as the Central Focus

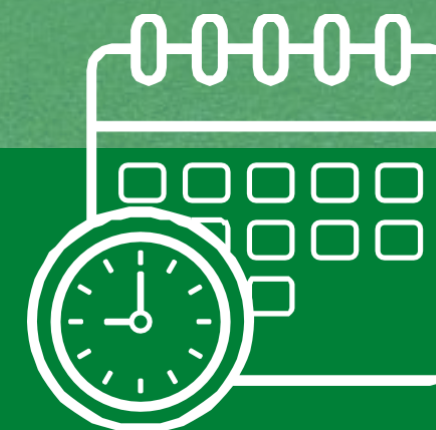
Ensuring an end-to-end path allocation

Eurocontrol for rail



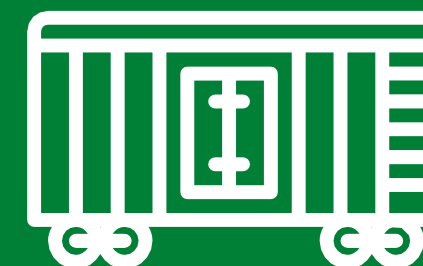
Europeanising the concept of regular timetables

Europatakt (European regular interval timetable –
Taktfahrplan)



Revitalising the European single wagonload

DAC technology could significantly reduce the costs of the single wagonload business model and reduce its operational complexity; stabilisation of the number of marshalling yards in operation



A Leadership with a Global Vision of the Logistic Chain's Impact

Ensuring a strong coordination between logistic stakeholders

European coalition to create a roadmap to increase railway freight volumes to reach political objectives



Monitoring and reporting the decarbonisation of the transport sector

European environmental labeling for transport





**Which are the main elements
of the Mobility and Transport
of tomorrow?**

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Ralf-Charley Schulze, President of UIRR



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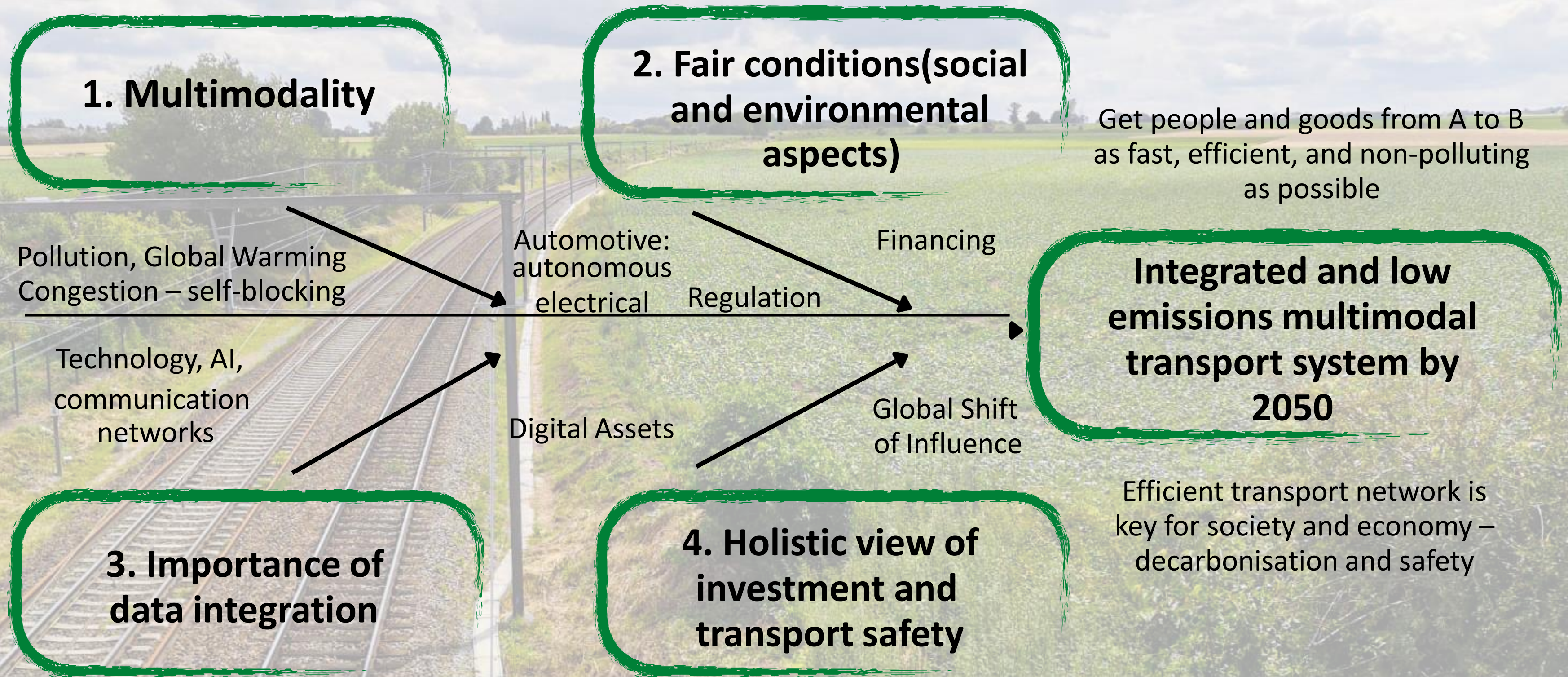
Kate Verslype, Adviser for multimodality
and EU affairs - North Sea Port



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Mobility and Transport of Tomorrow

Multimodal Strategy Passengers - Freight



Rail as the backbone of multimodal mobility and transport system

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Upcoming Free ERA Webinars:

- 3 June, 16-17h (CEST): Post-Pandemic Recovery of Rail
- 7 June, 15-16h30 (CEST): Maintenance of Railway Vehicles,
What's New and What You Need to Know
- 16 June, 15-16h30 (CEST): Launch of the ERA-SCS Survey
- 30 June, 15-16h (CEST): Progress on Safety towards SERA



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