

MIT FÜR

FOR

REICHT



HOUSE RULES

The webinar is being recorded. The Q & A will start after each presentation / topic. Please raise your hand 🙋 and the host will invite you to speak. Thank you for your cooperation!



INTERNATIONAL UNION
OF RAILWAYS

DEEP DIVE INTO SUSTAINABILITY REPORTING

13 June 2024

Speakers



Christine Vanoppen

Former Chair of UIC Sustainability Platform
ESG Manager



christine.vanoppen@lineas.net

[LinkedIn](#)



Lucie Anderton

Head of Sustainability
North America Coordinator



anderton@uic.org

[LinkedIn](#)



Philip Van den bosch

Deputy Director Freight



vandenbosch@uic.org

[LinkedIn](#)



LET'S GET TO KNOW YOU BETTER

POLL

Disclaimer: full presentation, including written report of the webinar is available on the [UIC Extranet](#) and/or [UIC Railway Publications](#)

Agenda

1**ESG Reporting**

a global phenomenon but
does it make sense?

2**EU CSRD**

why is it state of the art?

3**UIC expertise**

navigating sustainability
reporting challenges



INTERNATIONAL UNION
OF RAILWAYS

ESG REPORTING

A GLOBAL PHENOMENON BUT DOES IT MAKE SENSE?

Christine Vanoppen

Lineas

Sustainability Reporting

Environment, social, governance (ESG)

- Overview
- Standards
- Added value

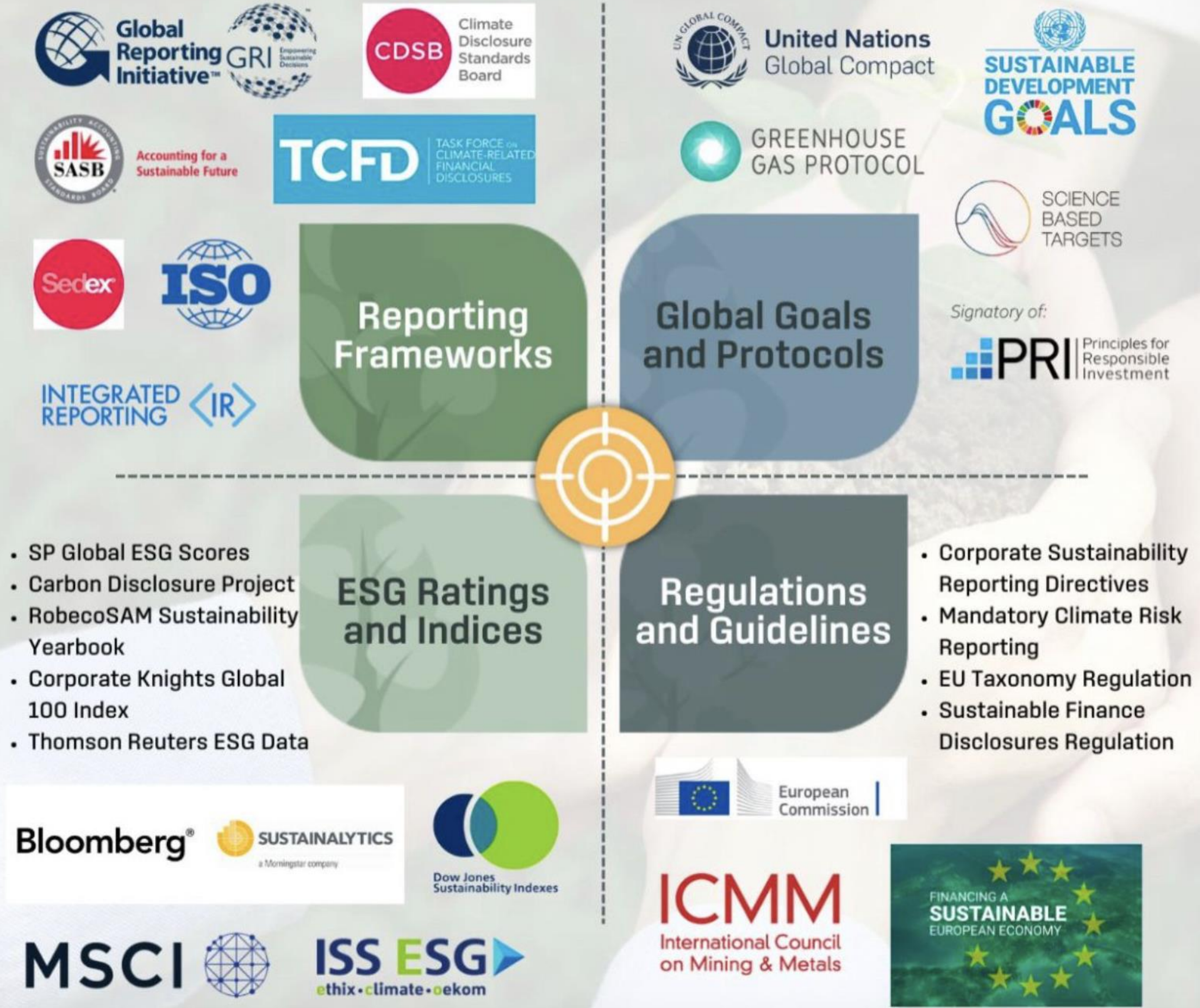
EU's Corporate Sustainability Reporting Directive (CSRD)

- Double materiality
- Taxonomy
- Independent assurance



FIT FOR FREIGHT

Sustainability reporting landscape



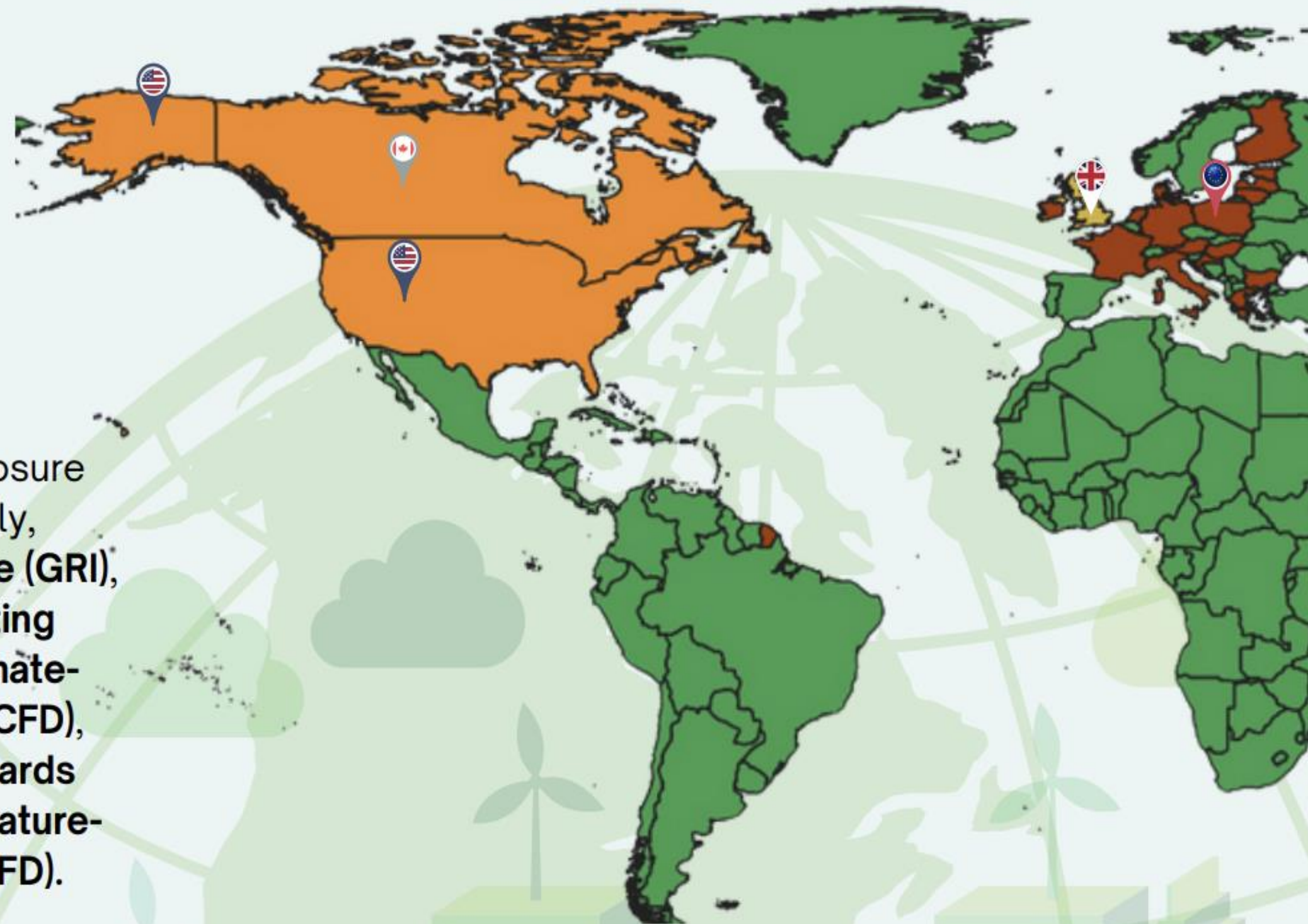
ESG Reporting Regulation

CANADA

For ESG regulation, Canada using **Canadian Green and Transition Financial Taxonomy** framework. This initiative mirrors the **EU Taxonomy on Sustainable Activities**.

UNITED STATES

In US, various voluntary ESG disclosure frameworks have emerged recently, such as **Global Reporting Initiative (GRI)**, **Sustainability Standards Accounting Board (SASB)**, **Task Force on Climate-Related Financial Disclosures (TCFD)**, **International Sustainability Standards Board (ISSB)**, and **Taskforce on Nature-related Financial Disclosures (TNFD)**.



UNITED KINGDOM

At present, the UK has no single ESG law or regulation. Larger UK companies and financial entities often adhere to international voluntary ESG reporting frameworks such as the **Carbon Disclosure Project (CDP)** and the **Global Reporting Initiative (GRI)**, and for financial entities, the **UN Principles for Responsible Investment (PRI)**.

EUROPEAN UNION

The EU implements the **Corporate Sustainability Reporting Directive (CSRD)** for ESG reporting, requiring large EU companies and non-EU entities with substantial EU operations to report on their climate impact. However, a proposal has been approved to postpone sector-specific sustainability disclosure standards and reporting requirements for non-EU companies until 2026.

ESG Reporting Regulation



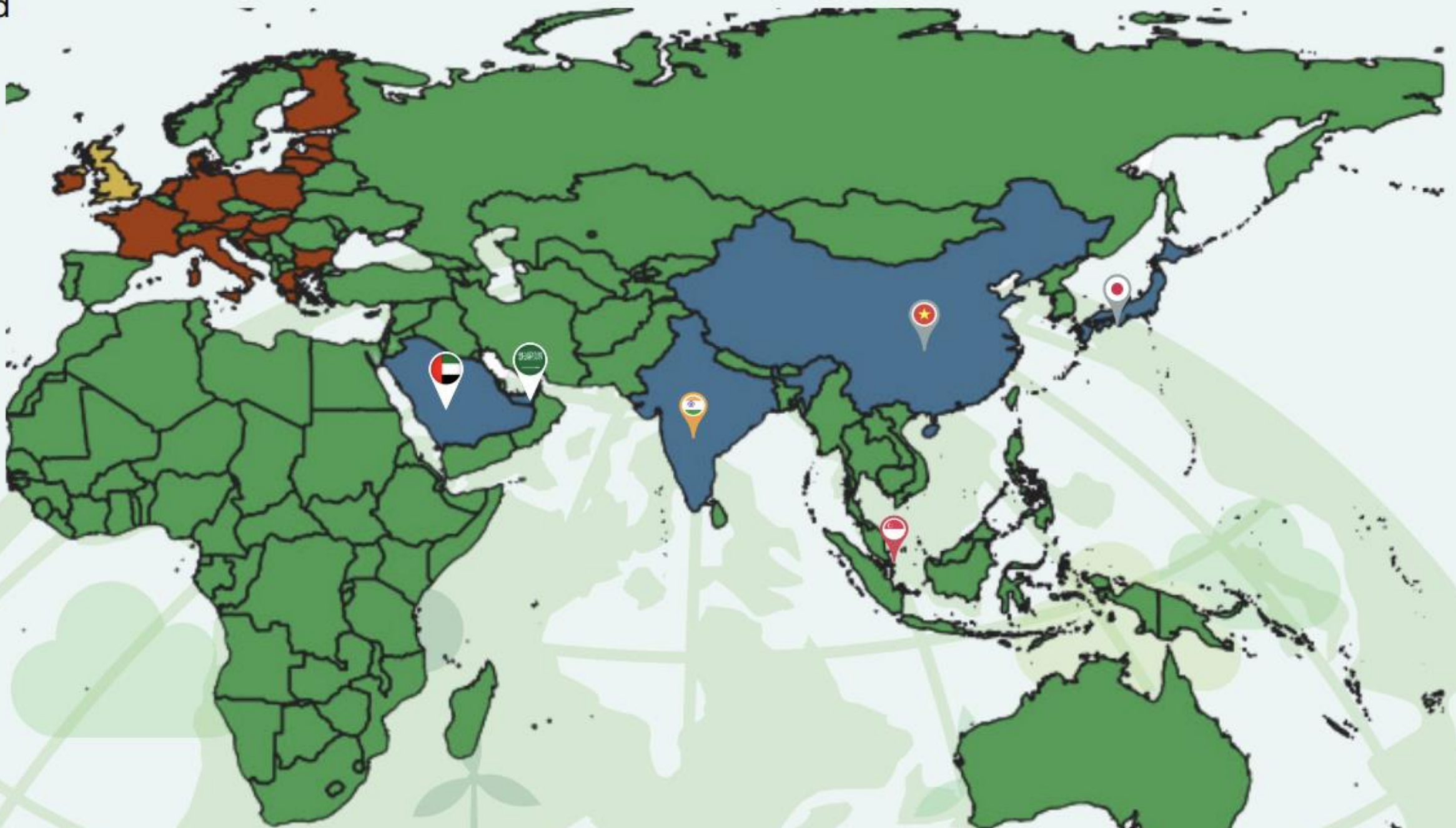
UAE
In the UAE, the Abu Dhabi Securities Exchange (ADX) offers guidance for listed companies to voluntarily disclose ESG indicators align with global standards issued by the ISSB under the sustainable finance framework by the UAE Sustainable Finance Working Group (SFWG).



SAUDI ARABIA
The country's stock exchange has published ESG Guidance that includes a list of common ESG themes such as labor management, controversial sourcing, supply-chain labor standards, and tax transparency.



INDIA
The Securities and Exchange Board in India (SEBI) in India introduced **Business Responsibility and Sustainability Reporting (BRSR)** to mandate Indian companies to share measurable sustainability data. **BRSR** aligns with global standards like **GRI** and **TCFD**.



JAPAN
Japan plans to issue its draft sustainability disclosure standards, which will be consistent with the **International Sustainability Standards Board (ISSB) framework**, by 2024, and to finalize these standards by 2025.



CHINA
China has adopted a mix of voluntary and mandatory ESG financial reporting practices. To provide greater clarity, **China Enterprise Reform and Development Society** published voluntary guidelines to standardise ESG reporting.



SINGAPORE
Singapore has proposed utilizing the **International Sustainability Standards Board (ISSB) framework** and regulations for Environmental, Social, and Governance (ESG) reporting.



QUESTIONS & ANSWERS



INTERNATIONAL UNION
OF RAILWAYS

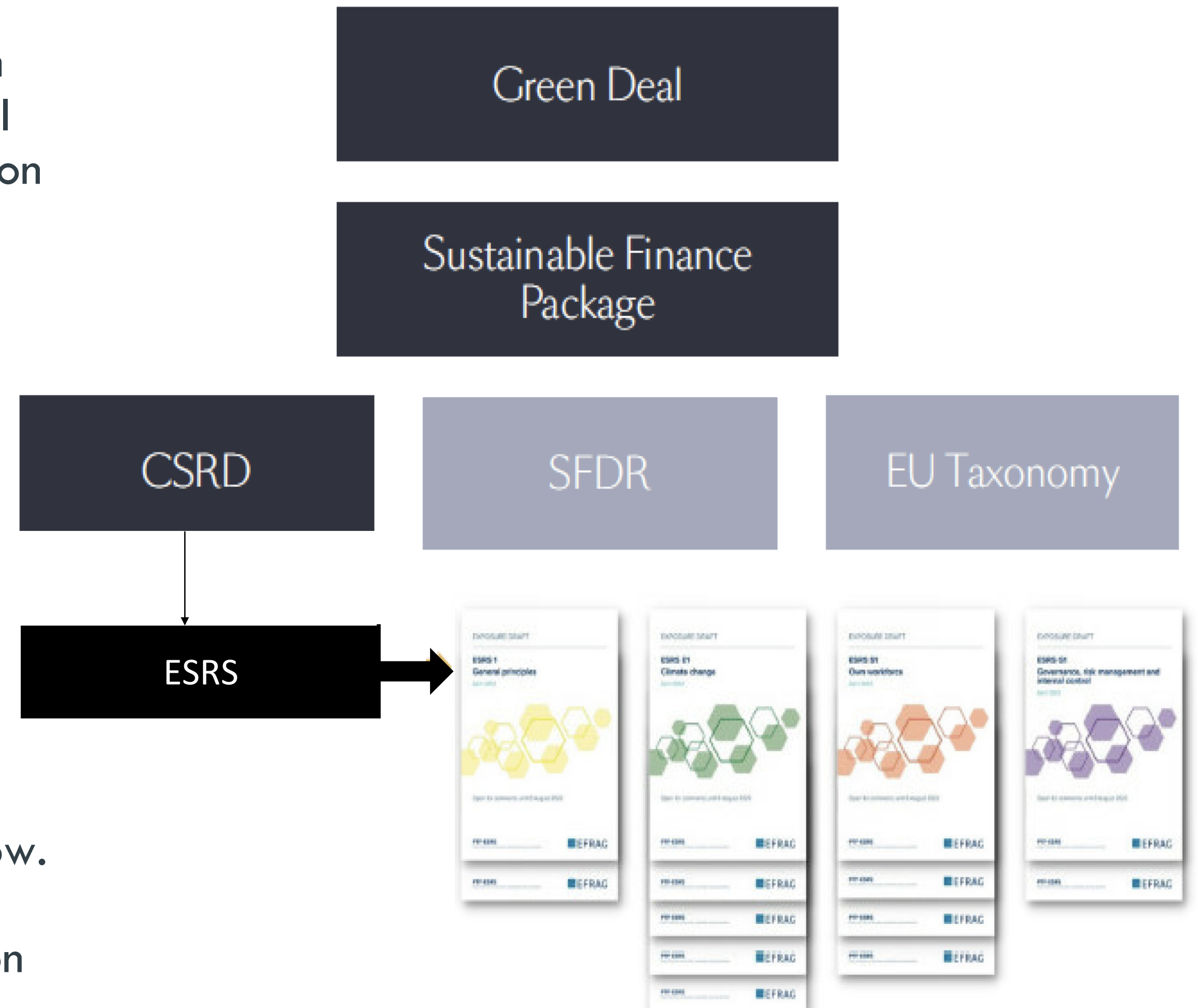
EU'S CSRD **WHY IS IT STATE OF ART?**

Christine Vanoppen

Lineas

Corporate Sustainability Reporting Directive: what is it ?

- EU law requires all large companies to **disclose** information on what they see as the risks and opportunities arising from social and environmental issues, and on the impact of their activities on people and the environment.
- The CSRD specifies the **rules** concerning the social and environmental information that companies have to report.
- Entered into force on **5 January 2023**.
- It aims to enhance the **transparency, comparability, and reliability** of environmental, social, and governance (ESG) information disclosed by companies.
- CSRD **assurance** is mandatory, be it a limited assurance for now. This means that an independent auditor needs to provide a moderate level of confidence that the sustainability information is free from material misstatements.



It is a tsunami

It has taken more than 30 years for accounting standards to evolve to the current IFRS level. The CSRD aims to get to the same level for non-financial reporting, in less than five years.

EU's CSRD

What it is

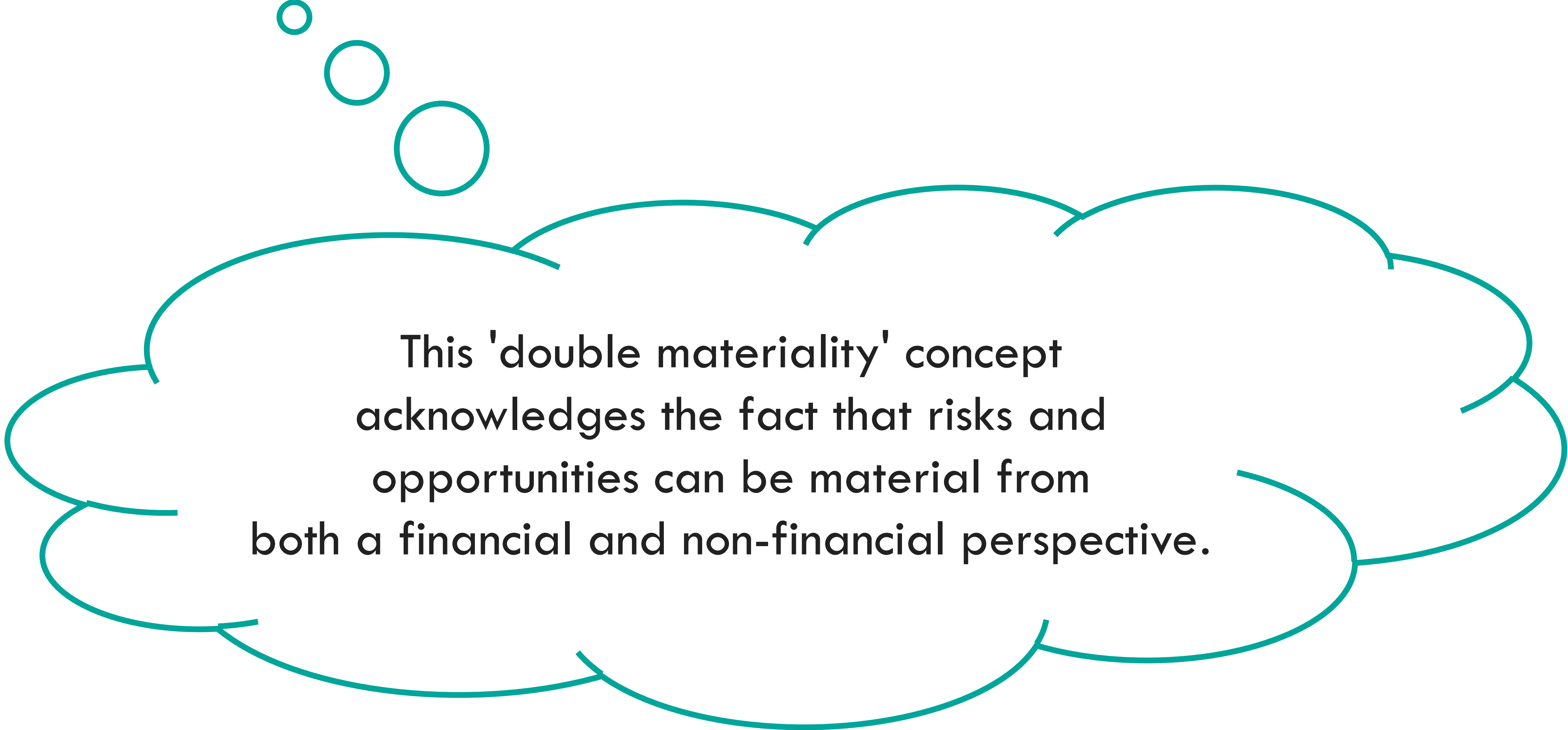
State of the art?

3 aspects standing out

- Double Materiality
- Taxonomy
- Assurance

**FIT FOR
FREIGHT**

Why double materiality?



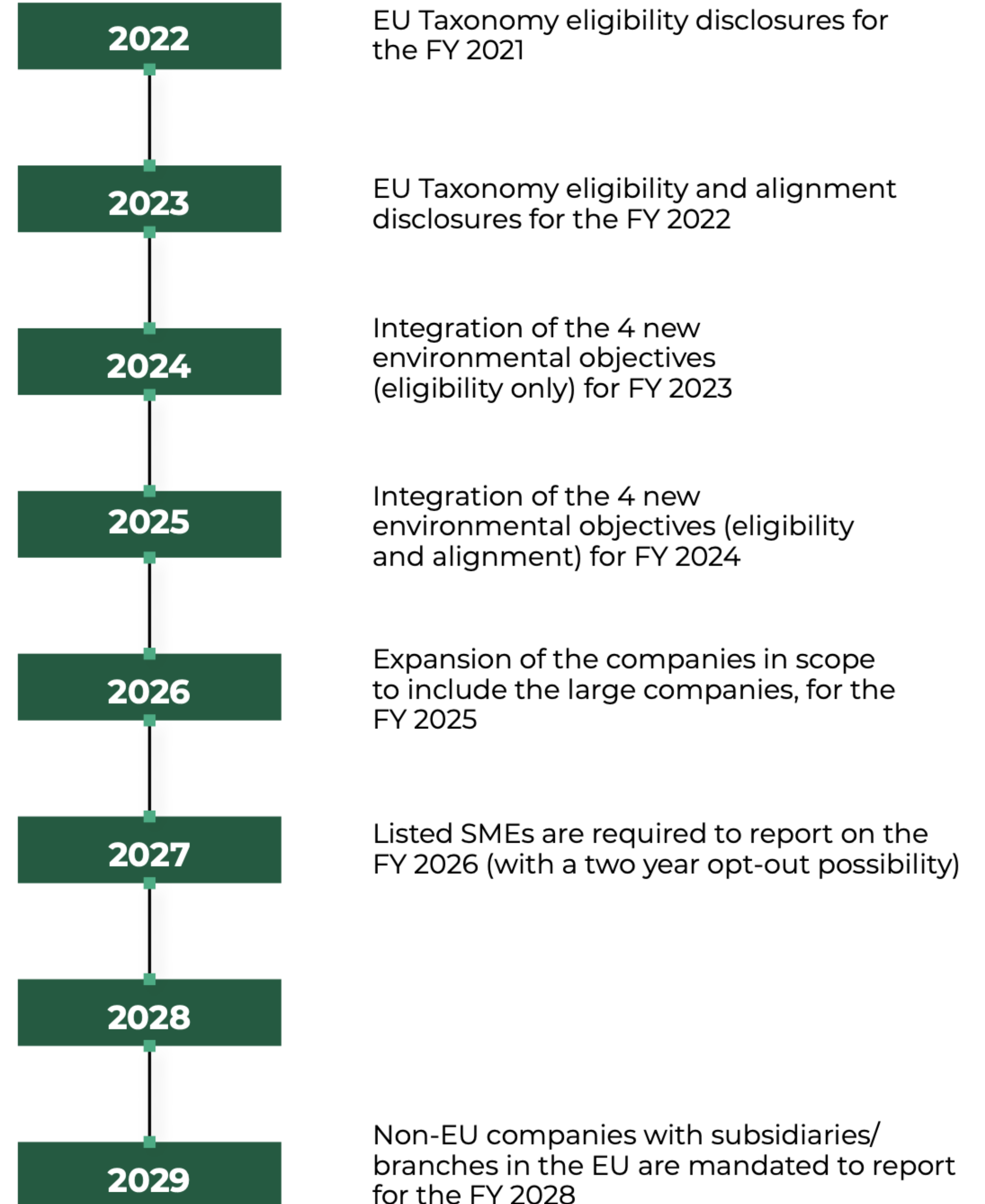
This 'double materiality' concept acknowledges the fact that risks and opportunities can be material from both a financial and non-financial perspective.

Taxonomy

**A PROGRESSIVELY
EXPANDING SCOPE**

Industries targeted in the EU Taxonomy

- ▶ Accommodation Activities
- ▶ Arts, Entertainment & Recreation
- ▶ Construction & Real Estate
- ▶ Disaster Risk Management
- ▶ Education
- ▶ Energy
- ▶ Environmental Protection & Restoration Activities
- ▶ Financial & Insurance Activities
- ▶ Forestry
- ▶ Human Health & Social Work
- ▶ Information & Communication
- ▶ Manufacturing
- ▶ Professional, Scientific & Technical Activities
- ▶ Services
- ▶ Transport
- ▶ Water Supply, Sewerage, Waste Management & Remediation



Independent assurance

Requirements

- To comply with the CSRD, companies will need to obtain a **limited external assurance** report on **the reported information**.
- making it mandatory for this sustainability reporting to be verified by an **external auditor**.
- The CSRD foresees in the adoption of **reasonable assurance standards** by 1 October 2028, following an assessment to determine if reasonable assurance is feasible for auditors and undertakings.
- As the CSRD report forms an **integral part** of the Company Financial reporting as we know it today, putting the non-financial reporting obligation at the same level.
- Advise is therefore to involve the statutory auditor at an **early stage** in setting up the compliance process.

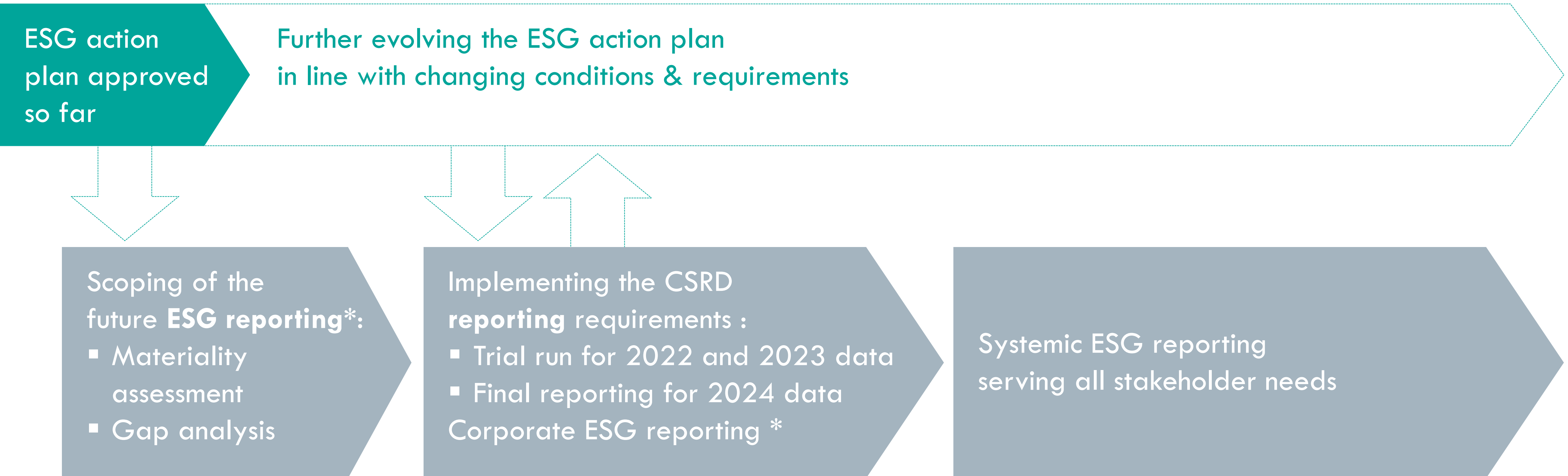
What is limited assurance?

	Limited assurance	Reasonable assurance
Conclusion	In a negative form of expression by stating that no matter has been identified by the practitioner to conclude that the subject matter is materially misstated.	A high level of assurance regarding material misstatements, but not an absolute one.
Amount of work	Less than for a reasonable assurance engagement: the auditor performs fewer tests	Significantly greater than in a limited assurance engagement: entails extensive procedures including consideration of internal controls of the reporting undertaking and substantive testing

Short-, medium- & long-term development of ESG



High level agenda until 2030



Areas of collaboration

- Data exchange & consistency
- Materiality assessment
- Sector specific requirements
- Best practices



QUESTIONS & ANSWERS



INTERNATIONAL UNION
OF RAILWAYS

UIC EXPERTISE

NAVIGATING SUSTAINABILITY

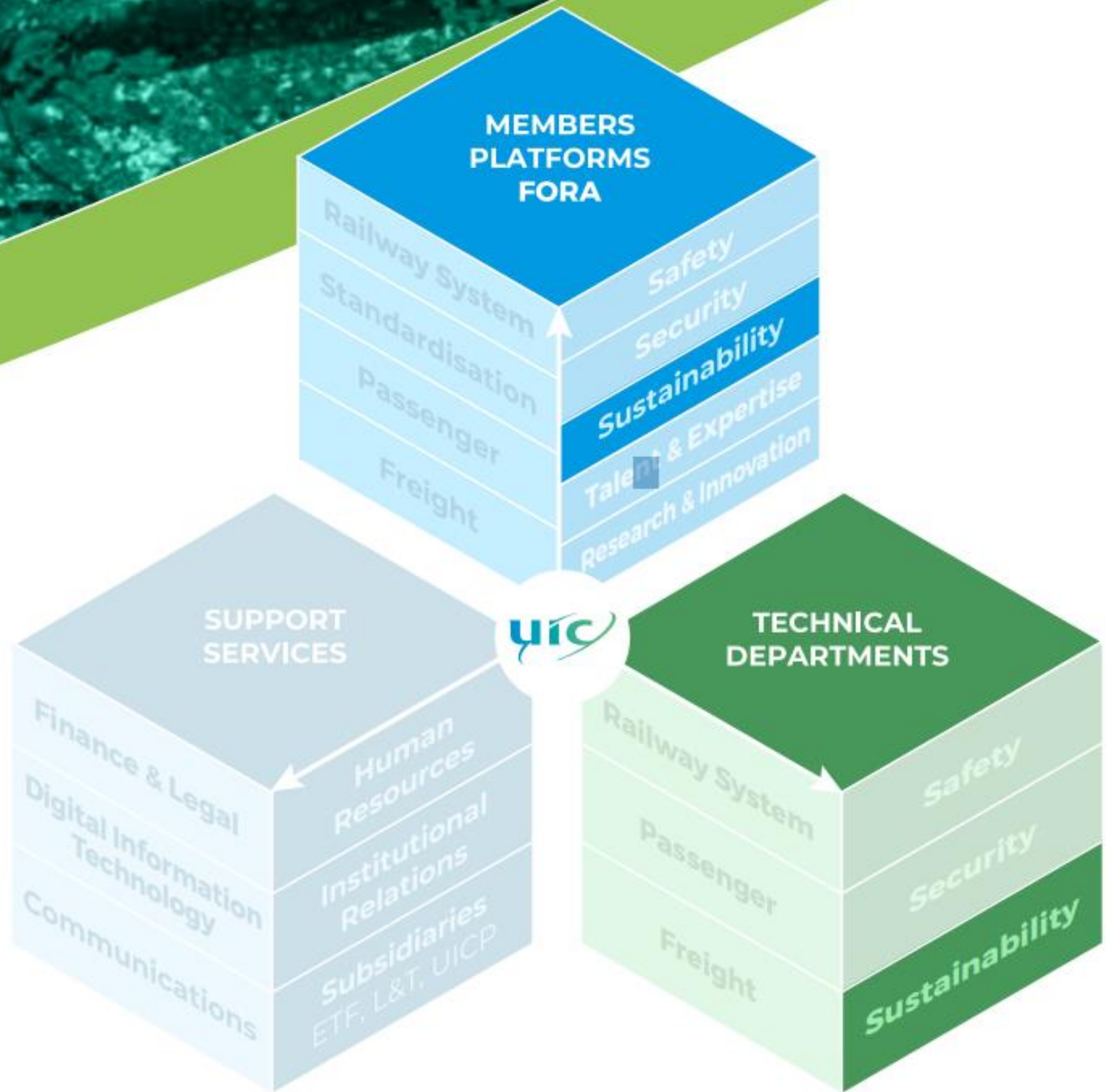
REPORTING CHALLENGES

Lucie Anderton

UIC


Philip Van den Bosch

UIC



ADVOCATE

To build collaborative partnerships and be the voice of the global railway community to advocate for a multimodal vision of sustainable mobility with rail as the backbone



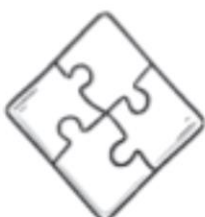
CONVENE

To provide a trusted platform for the railway sustainability community to connect



SOLVE

To provide practical solutions for sustainability challenges for a future railway

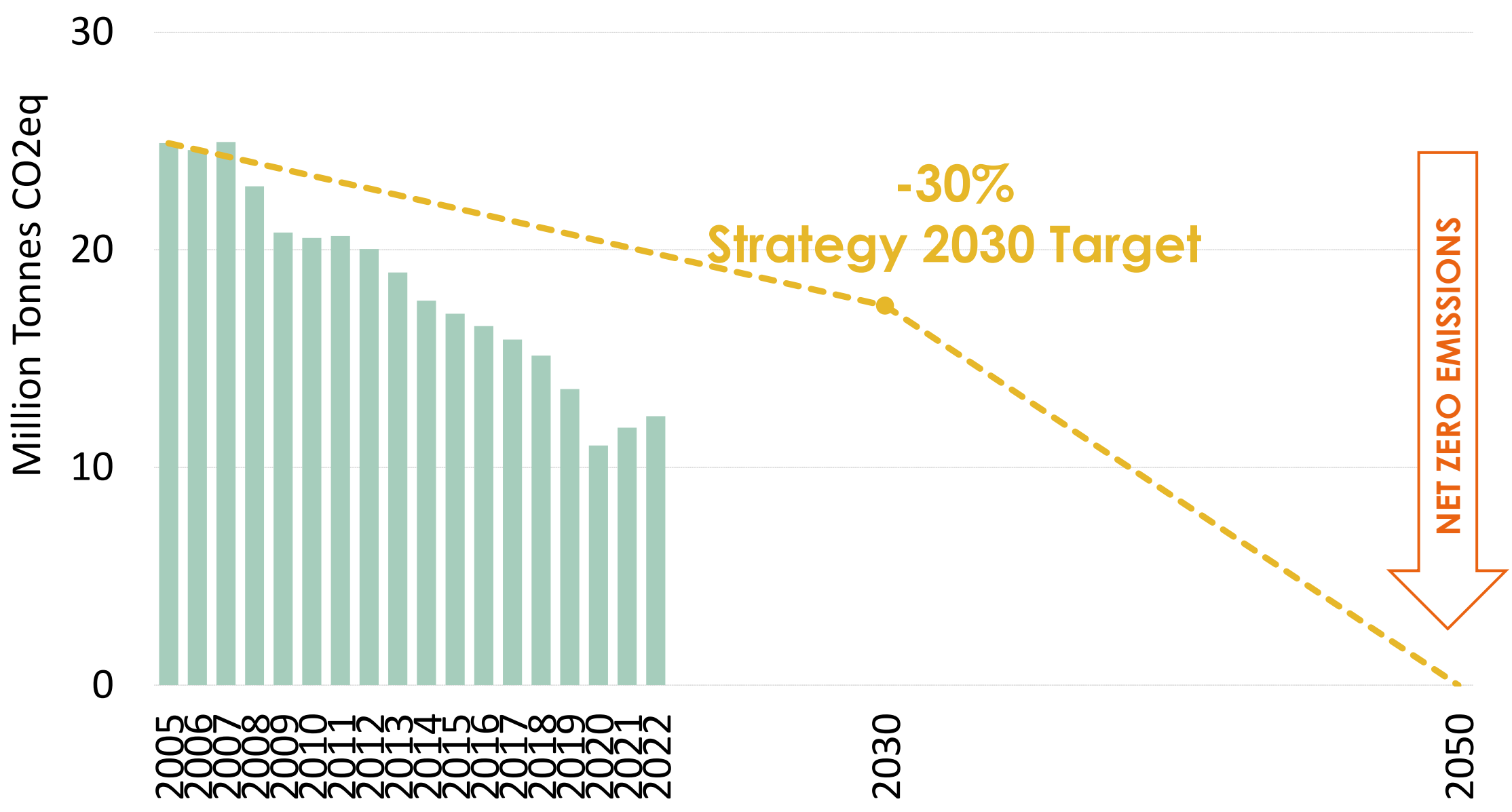




Traction energy and emissions reporting



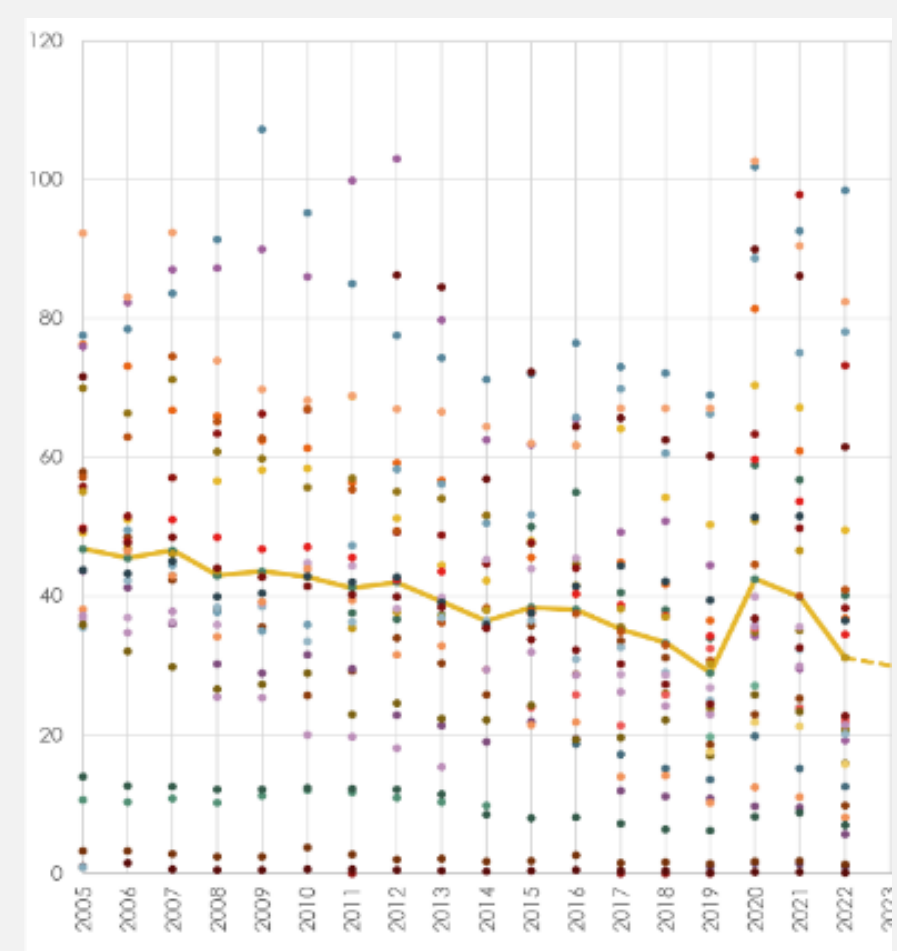
Total Co₂eq emissions trend and targets (LOCATION-BASED)



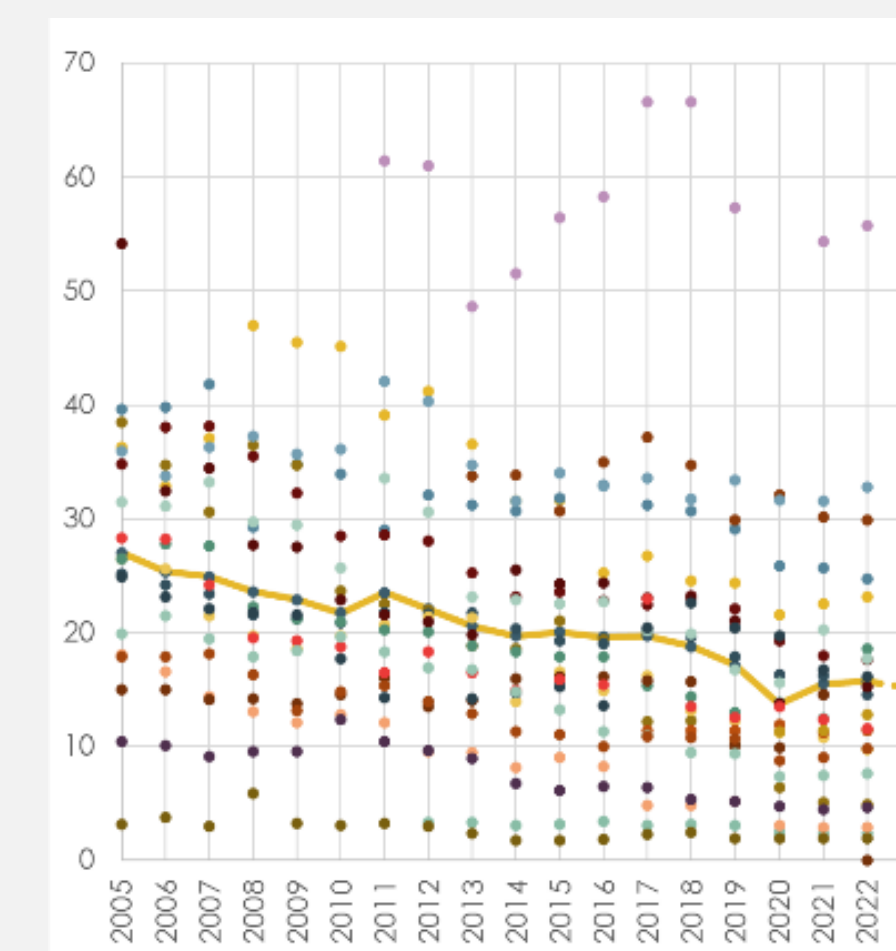
Total NO_x Emissions

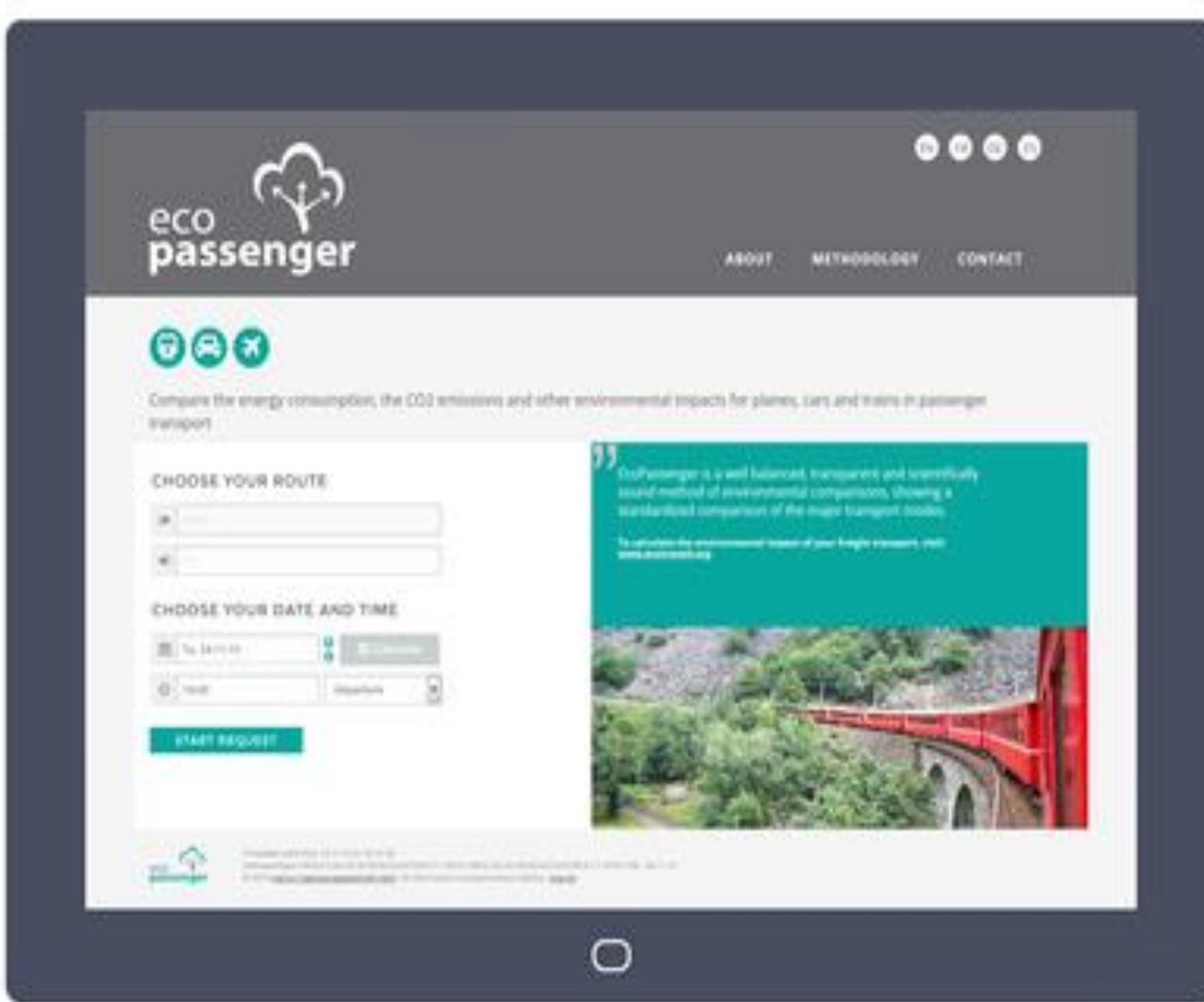


Passenger 28 companies included



Freight 23 companies included





ecopassenger.org

EcoTransIT World

HOME **CALCULATION** TARGET GROUP FIRST STEPS

CALCULATION PARAMETERS

Input mode: Standard

Freight: Amount: 100, Unit: Bulk and Unit Load (Tonnes)

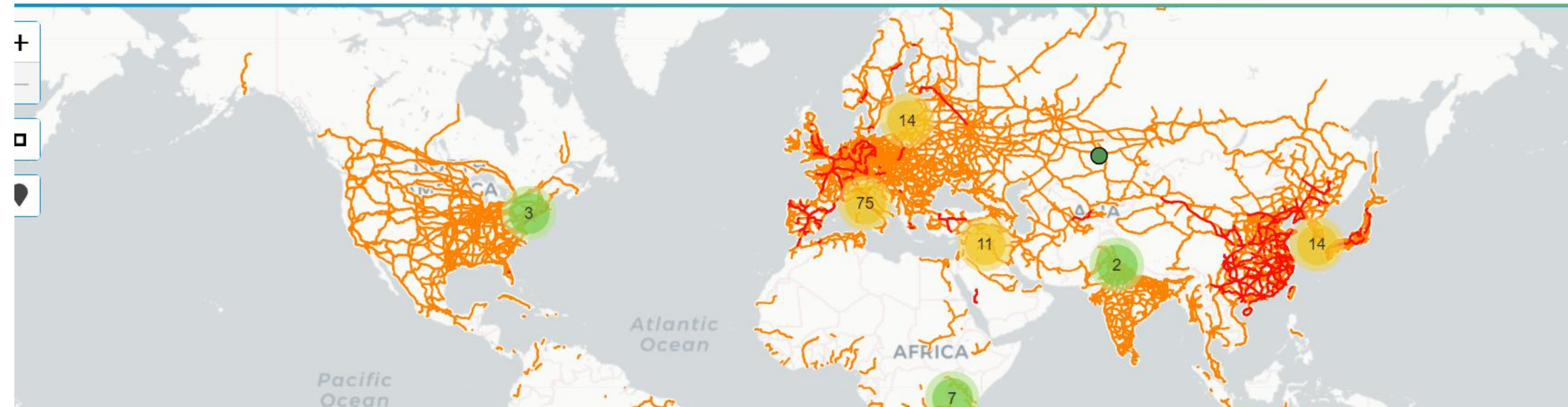
Origin: City district
Please press ENTER to confirm.

Choose transport modes: Multiple choice possible

- Truck (checked)
- Train (unchecked)
- Airplane (unchecked)
- Sea ship (unchecked)
- Barge (unchecked)

Destination: City district
Please press ENTER to confirm.

For more information please refer our methodology report: [short version](#) | [detailed version](#)



DOMAIN: -----

VARIABLE: Accidents, Energy, Financial Result, Freight Traffic, High Speed, Infrastructure, Passenger Traffic, Staff, Train Movements - Infrastructure Manager, Train Movements - Operator, Transport Stock

REGION: -----

COUNTRY: AM - ARGENTINA - AR, AM - BOLIVIA - BO, AM - BRAZIL - BR, AM - CANADA - CA, AM - CHILE - CL, AM - COLOMBIA - CO, AM - COSTA RICA - CR

DOMAIN: Energy

VARIABLE: -----

REGION: 8103 : Diesel tractive stock - Diesel fuel consumption - Passenger tr..., 8104 : Diesel tractive stock - Diesel fuel consumption - Freight trains, 8105 : Diesel tractive stock of operators (RUs) - Diesel fuel consump..., 8106 : Electric tractive stock - Power consumption - Passenger trains, 8107 : Electric tractive stock - Power consumption - Freight trains, 8108 : Electric tractive stock of operators (RUs) - Power consumption

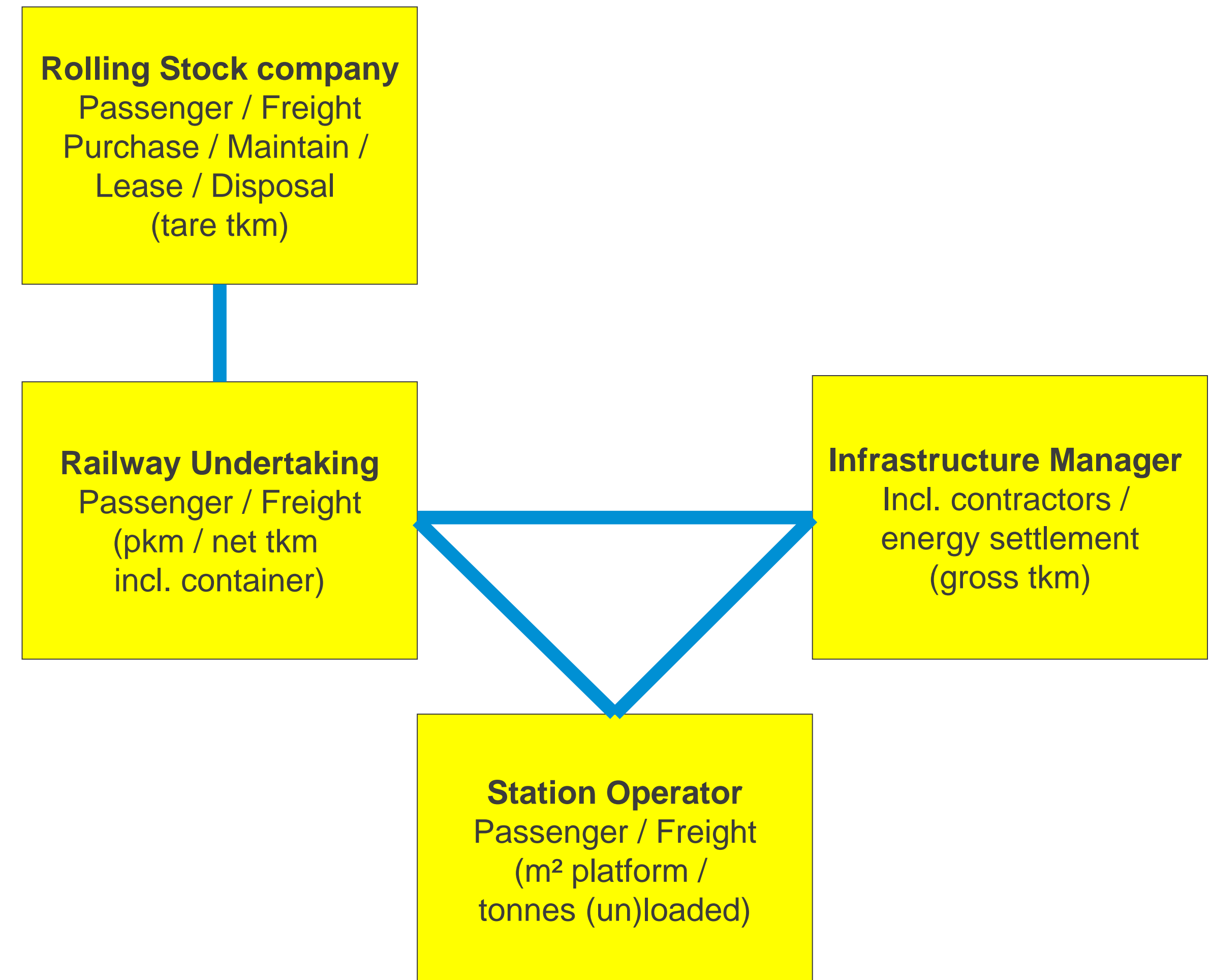
COUNTRY: AM - ARGENTINA - AR, AM - BOLIVIA - BO, AM - BRAZIL - BR, AM - CANADA - CA, AM - CHILE - CL, AM - COLOMBIA - CO



Sustainability Reporting (Update of Leaflet 330)

Phase 2 Members (2024-2026):

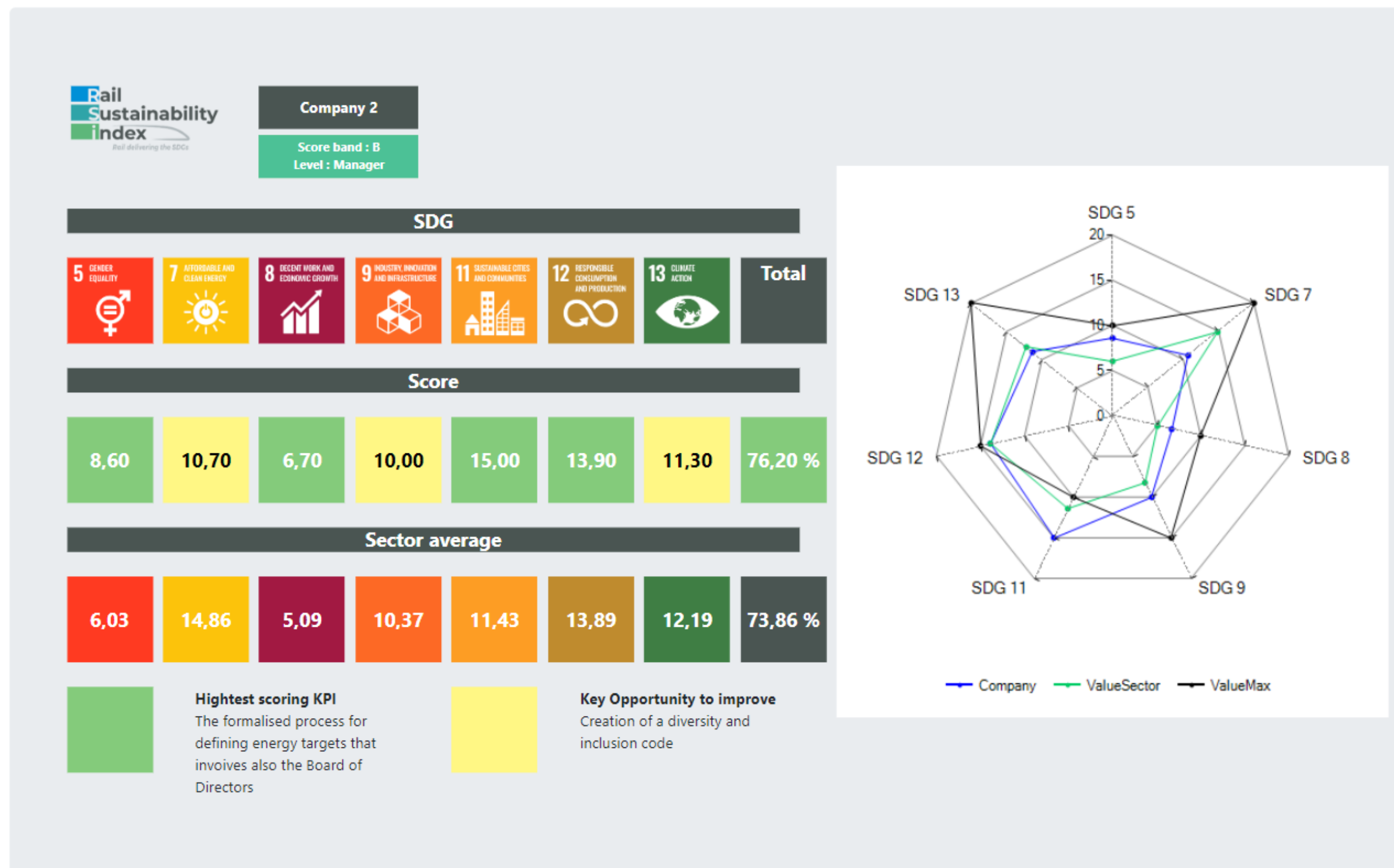
- ADIF
- Network Rail
- NS
- ÖBB
- ProRail
- SNCB
- SZ
- Study upcoming Disclosure Requirements
- Understand data reporting methods for UIC Members
- Set guidelines and best practices to fulfil mandatory and useful reporting
- GRI collaboration



Rail Sustainability Index

Rail delivering the SDGs

- The **data collected** in the tool are **aligned with global reporting standards (GRI) and ESG requirements**
- The index **assesses and benchmarks the sustainability performance** of each railway company
- **Simple online reporting tool** for Rail's contribution to the achievement of SDGs
- **7 key SDGs** selected where rail can make the most demonstrable contribution
- **Quantitative and Qualitative** scored KPIs
- **Credible demonstration** of Rail's sustainability credentials
- Potential to **help access sustainable finance**





Joe Robinson
ESG Manager,
Equitix

“What we see is the development of a clear methodology, good evidence, the ability to benchmark, and historic data which can help fund managers take targeted action that will lead to better outcomes.”

“Because this is a tool created by UIC members for UIC members, we see great value in using the tool, as it has been made to match our needs”.



Françoise Granda-Desjardins
Senior Advisor, Corporate Social
Responsibility and Sustainable Mobility,
VIA Rail Canada

“RSI will help companies think through the SDGs and how they can influence their strategy as a company”



Peter Paul van de Wijs
Chief External Affairs
Officer, Global Reporting
Initiative



Rod Barber
Director Environment &
Sustainability, Transport
for NSW, Australia

“The RSI tool definitely presents opportunities to improved and increased recognition around the role that rail has in the sustainability space”



Our Annual Report



3 GOOD HEALTH AND WELL-BEING

Target 3.9
By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination

THE UIC ENERGY AND CO₂ TRACTION DATABASE
RECORDED FROM 2005 TO 2021

NO_x 41,7%

TOTAL PARTICULATE MATTER 44,4%

11 SUSTAINABLE CITIES AND COMMUNITIES

Target 11.2
By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons

Target 11.6
By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management

5 GENDER EQUALITY

Target 5.1
End all forms of discrimination against all women and girls everywhere

Target 5.C
Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels

Of the RSI reporting companies:

88% have a non-discrimination code in place

93% actively monitor the effectiveness of the code itself

23 UIC MEMBERS WORKING TOGETHER

IN PASSAGE

Passenger Accessibility Solutions Support and Action Group of Experts

7 AFFORDABLE AND CLEAN ENERGY

Target 7.2
By 2030, increase substantially the share of renewable energy in the global energy mix

Target 7.3
By 2030, double the global rate of improvement in energy efficiency

Of the RSI reporting companies:

61% of the lines are electrified

59% of the total energy consumed comes from renewable sources

53% have in place a target for renewable energy that is constantly monitored

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Target 12.2
By 2030, achieve the sustainable management and efficient use of natural resources

Target 12.4
By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

Target 12.5
By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

Target 12.6
Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle

8 DECENT WORK AND ECONOMIC GROWTH

Target 8.5
By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value

Target 8.8
Protect labor rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment

Of the RSI reporting companies:

88% have a health and safety management system in place

43% have a certified system

13 CLIMATE ACTION

Target 13.1
Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries

Target 13.2
Integrate climate change measures into national policies, strategies and planning

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Target 9.1
Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

Target 9.4
By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities

Of the RSI reporting companies:

50% report on risks and opportunities and have a process in place for identifying, assessing, and managing climate-related issues and integrate into the overall risk management

15 LIFE ON LAND

Target 15.5
Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species

Target 15.a
Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

Target 16.1
Significantly reduce all forms of violence and related death rates everywhere

UIC REFUGEE TASK FORCE & **THE "SOLIDARITY LANES"**

Rail has helped to keep the Ukraine connected, not only to continue the movement of goods and supplies, but also to safely evacuate refugees. Between May and September 2022, roughly 15 million tons of goods were exported from Ukraine via the solidarity lanes.

Of the RSI reporting companies:

- 56%** collaborate with governments on policy / solutions for climate change and scaling up climate actions
- 53%** participate in public-private partnerships or another initiative on climate related issues
- 56%** have an emission target active in 2021 (74% have integrated targets in the industrial plan)
- 71%** have a board-level oversight of climate related issues
- 41%** have a MBO plan on climate related issues

REVERSE

A shared vision for protecting biodiversity on the railway

TRISTRAM

New methods to transition away from conventional chemical herbicides near railways

UIC Freight: competence centres

**LOAD
SAFETY**

**WAGON
UTILISATION**

**DANGEROUS
GOODS**

**TRAIN
OPERATION**

**COMBINED
TRANSPORT**

**DATA
EXCHANGE**

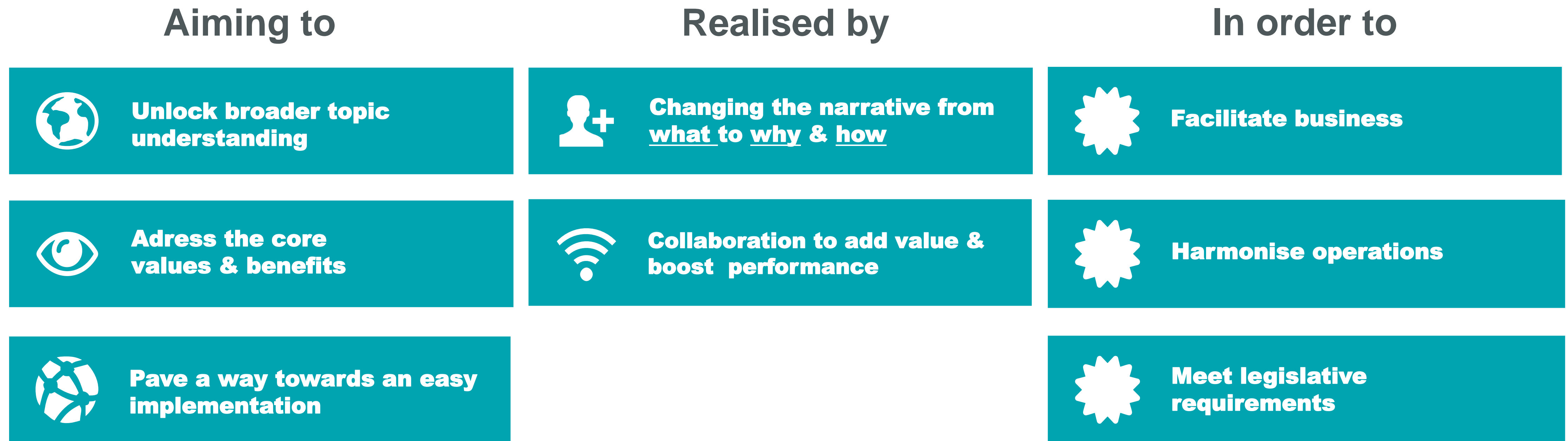
**CORRIDOR
DEVELOPMENT**



**RAIL FREIGHT
FORWARD**

UIC Freight: competence centres

7 + 1 competence centres aim to promoting the development of rail freight to respond to challenges in respect of logistics and sustainable development.



UIC Freight: competence centres

Quality Expert Group aims to ensure coherence and harmonisation of quality management and other management systems through exchanging best practices and establishing common standards and guidelines for setting up management systems.

Home / Freight / Train operation

TRAIN OPERATION

Harmonisation is the basis for a seamless international and border crossing freight traffic. UIC facilitates best practice sharing to ensure interoperability as well as increase commercial speed of train traffic. Key part of this competence centre is corridor development, ensuring that significant traffic flows are being prioritised and investments being put in place.

EXCEPTIONAL CONSIGNMENTS

The right place for you to facilitate your transport services of heavy and oversized cargo. [Read more...](#)

OPERATIONS

Optimise your operations and increase the commercial speed and harmonisation, which increases interoperability and improves (...) [Read more...](#)

QUALITY

Quality management system is a premise for business growth and client retainment, by partaking in this work group, you take advantage of the best (...) [Read more...](#)

XBORDER

The objectives of the XBorder project are relevant in order to further improve the competitiveness of rail freight in cross border operations, to find (...) [Read more...](#)



QUESTIONS & ANSWERS



A CLEAR PICTURE ON SUSTAINABILITY REPORTING

POLL

UIC Freight: competence centres

**LOAD
SAFETY**

**WAGON
UTILISATION**

**DANGEROUS
GOODS**

**TRAIN
OPERATION**

**COMBINED
TRANSPORT**

**DATA
EXCHANGE**

**CORRIDOR
DEVELOPMENT**



**RAIL FREIGHT
FORWARD**



INTERNATIONAL UNION
OF RAILWAYS

Thank you for your attention

sustainability@uic.org

vandenbosch@uic.org

polak@uic.org

Stay in touch with UIC:    YouTube [#UICrail](#)

shop.uic.org



uic.org

