



RAIL SUSTAINABILITY INDEX

Launch event

May 3rd, 14.00 – 16:00 CET

AGENDA



Time	Topic	Duration
14:00	Welcome Isabelle De Keyzer, Senior advisor, RSi project manager Keynote address Lucie Anderton, Head of the UIC Sustainability Unit (on behalf of F. Davenne UIC Director General)	10'
14:10	UNDESA and the role of rail in delivering the SDGs 10' Riina Jussila, UN DESA (Excused)	10'
14:20	Introducing the Rail Sustainability Index 20' Background, methodology, Paolo Mazzeo, Project Chairman, FS	20'
14:40	Question and answer session 5'	5'
14:45	Vision of reporting standard organisations – Global Reporting Initiative (GRI) 10' Peter Paul van de Wijs, GRI	10'
14:55	Question and answer session	5'
15:00	Investors' vision of how the RSi's can help investor decision making (EQUITIX) 10' Joe Robinson, Equitix	10'
15:10	Question and answer session 5' + Poll on What is your interest in the RSi? (Lucie Anderton, Head of Sustainability Unit, UIC)	5'
15:15	Making visible your contribution to the RSi - Claim your badge! 10' Serge Ravet, RECONNAITRE	10'
15:25	Panel discussion on member testimonies and expectations 30' Moderator and panellist: Christine Vanoppen, Chair of the Sustainability Platform/REG (LINEAS) Panellists from Lineas, FS Italiane, VIA Rail, Sydney Trains (panellists, 3-5 mins conversation per panellist, follow-up questions and exchanges with audience)	30'
15:55	Wrap up and closing remarks - OFFICIAL launch of the 1st data collection campaign Isabelle De Keyzer, Senior Advisor/RSi Project manager Lucie Anderton, CEnv, Head of the Sustainability Unit	5'
		Total 2 hrs

WELCOME



Welcome and Keynote



Lucie Anderton,
Head of Sustainability Unit
UIC

INTRODUCTION TO THE RAIL SUSTAINABILITY INDEX

Background and methodology

Paolo Mazzeo
Sustainability Reporting Expert, FS Italiane

Introduction to the Rail Sustainability Index



Paolo Mazzeo
Project chairman
Manager Sustainability Reporting,
FS Group

The Rail Sustainability index at a glance

- ❑ **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
- ❑ **21 Quantitative and Qualitative** scored KPIs
- ❑ **Third party check**
- ❑ **Credible demonstration** of Rail's sustainability credentials
- ❑ **Potential to help access sustainable finance**



Rail Sustainability Index: main steps

2019

2019-2020

2020



2022

Prioritisation of SDGs

Prioritisation was carried out through the attribution of a score to the various targets by the companies

W	Targets	Indicators	Relevant/irrelevant for rail transport (operations, infrastructure)	Example of the worst practice for the sector	Example of the best practice for the sector	Score out of 20	Weighting	Indicator for rail sector	Comments
	Ensure sustainable consumption and production patterns		Relevant/Irrelevant						
	12.1 Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries	12.1.1 Number of countries with sustainable consumption and production (SCP) national action plans or SCP mainstreamed as a priority or a target into national policies	I						
	12.2 By 2030, achieve the sustainable management and efficient use of natural resources	12.2.1 Material footprint, material footprint per capita, and material footprint per GDP	R	live cycle analysis of material use in railway assets. Reduce use of tap water		12	2		related to AZ of DSMT
	12.3 By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along		I						

Definition of the KPIs

Definition of the KPIs linked to the shortlisted SDGs and related guidance



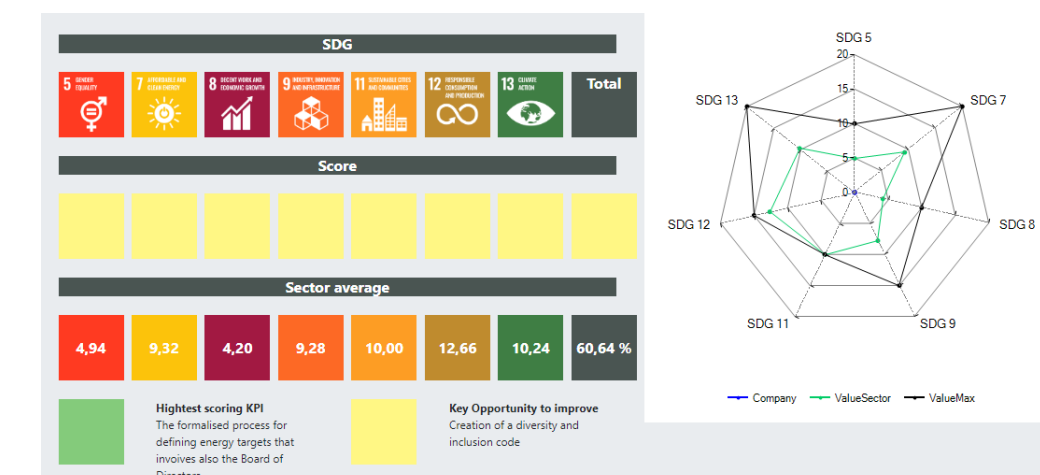
Scoring methodology and IT tool

Definition of the scoring methodology for the company performance and the related IT features

Level	Score %	Score band
Beginner	1-20	D-
	21-30	D
Pursuer	31-46	C-
	47-55	C
Manager	56-70	B-
	71-82	B
Leader	83-90	A-
	91-100	A

First official campaign

Launch of the first campaign and issuance of first official scoring



Prioritization of SDGs

The prioritization was carried out through the attribution of a score for the various targets by the companies.

After that phase, **7 key SDGs** where rail sector can make the most demonstrable contribution **were selected.**

SUSTAINABLE DEVELOPMENT GOALS

Please fill in the yellow cells:

- Column E: please indicate if you find this SDG/Target of the SDG: R (relevant) or I (irrelevant) for the railway sector;
- Column F: please indicate what would be the worst practice for the sector;
- Column G: please indicate what would be the best practice for the sector;
- Column H: please indicate what would be the right ponderation for this SDG;

SDG N° & Definition	Targets	Indicators	Relevant/Irrelevant for rail transport (operation, infrastructure)	Example of the worst practice for the sector	Example of the best practice for the sector	Score out of 20	Weighting	Indicator for rail sector	Comments
12	Ensure sustainable consumption and production patterns		Relevant/Irrelevant						
12.1	Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries	12.1.1 Number of countries with sustainable consumption and production (SCP) national action plans or SCP mainstreamed as a priority or a target into national policies	I						
12.2	By 2030, achieve the sustainable management and efficient use of natural resources	12.2.1 Material footprint, material footprint per capita, and material footprint per GDP	R		live cycle analyse of material use in railway assets. Reduce use of tape water	12	2		related to A2 of DSMT
12.3	By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along		I						



SDG	Target
5	5.1 End all forms of discrimination against all women and girls everywhere
7	7.1 By 2030, ensure universal access to affordable, reliable and modern energy services 7.2 By 2030, increase substantially the share of renewable energy in the global energy mix
.....	



Definition of the KPIs

Based on the KPIs defined by the UN, the definition of the tool's KPIs was carried out taking into consideration the main reporting standards adopted by the companies (eg GRI) and the KPIs already collected by the UIC, in order to exploit the evident synergies.

21 Quantitative and Qualitative scored KPIs

ILLUSTRATIVE

5.1.2 - Women by level of responsibility

	Unit of measure	2019	2020	2021	No applicable
Managers	no.	5000	6000	7000	
women	no.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
men	no.	<input type="text" value="5 000"/>	<input type="text" value="6 000"/>	<input type="text" value="7 000"/>	<input type="checkbox"/>
women	%	0	0	0	
men	%	100	100	100	
Total workforce (at 31 December)		0	0	0	
Total of women in the workforce	no.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Total of men in the workforce	no.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Of women	%	0	0	0	
Of men	%	0	0	0	



Scoring methodology (1/2)

QUALITATIVE

- 2 «on/off» questions

ON	→	1 point
OFF	→	0 point
- 1 open question → 1 point

MAX 3 POINTS



QUANTITATIVE

BENCHMARK

PERFORMANCE

Below sector average (0 points)	In line with the sector average (1 points)	Above sector average (3 points)
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Worse than last 2 years average (0 points)	In line with the last 2 years average (1 points)	Better than last 2 years average (3 points)
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MAX 6 POINTS



Scoring methodology (2/2)

SDG weight based on the prioritisation phase results

SDG Rail Index	SDG weight
SDG 5 - Achieve gender equality and empower all women and girls	10%
SDG 7 - Ensure access to affordable, reliable, sustainable and modern energy for all	20%
SDG 8 - Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	10%
SDG 9 - Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	15%
SDG 11 - Make cities and human settlements inclusive, safe, resilient and sustainable	10%
SDG 12 - Ensure sustainable consumption and production patterns	15%
SDG 13 - Take urgent action to combat climate change and its impacts	20%
Company SDG Rail Index score	100%

ILLUSTRATIVE

$$\text{SDG score} = \frac{\text{Company points}}{\text{Max points}} \times (\text{SDG weight})$$

Example

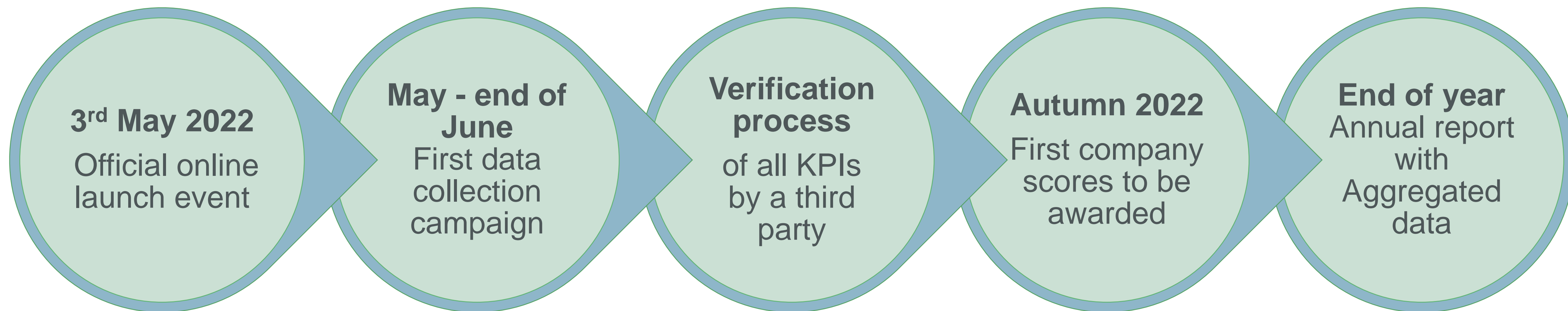
$$\text{SDG 5 score} = \frac{9}{15} \times 10\% = 6,0\%$$

Level	Score %	Score band
Beginner	1-20	D-
	21-30	D
Pursuer	31-46	C-
	47-55	C
Manager	56-70	B-
	71-82	B
Leader	83-90	A-
	91-100	A

COMPANY SCORE BAND



Next steps



Future developments

Comparison of rail with other transport sectors


Streamlining with other UIC databases (Energy and CO2, Statistics, Safety, etc.)

Project scoring (construction, maintenance...)



Demo

Now let's take a tour in the tool.....



Administration ▾ Scoring ▾ My profile ▾

Welcome, Mazzeo Paolo
Your company: UIC
Your country:



Welcome to the Rail Sustainability index application

If you don't have an account yet, all you need is a professional email address and register here under "request an access".

Access to the Rail Sustainability index

[Forgot your password ?](#)

Don't have an account yet ?



The UIC supports the Sustainable Development Goals

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GRI

Vision of a
reporting standard organisation

Peter Paul van de Wijs
Chief External Affairs Officer, GRI

GRI – the vision of a Reporting Standard organisation



Peter Paul van de Wijs,
Chief External Affairs Officer,
GRI



Towards mandated financial and sustainability reporting on equal footing

GRI's vision on sustainability reporting

Peter Paul van de Wijs, Chief External Affairs
May 3, 2022



Who we are

Why

GRI exists to help organizations be transparent and take responsibility for their impacts so that we can create a sustainable future.

How

We create the global common language for organizations to report their impacts. This enables informed dialogue and decision making around those impacts.

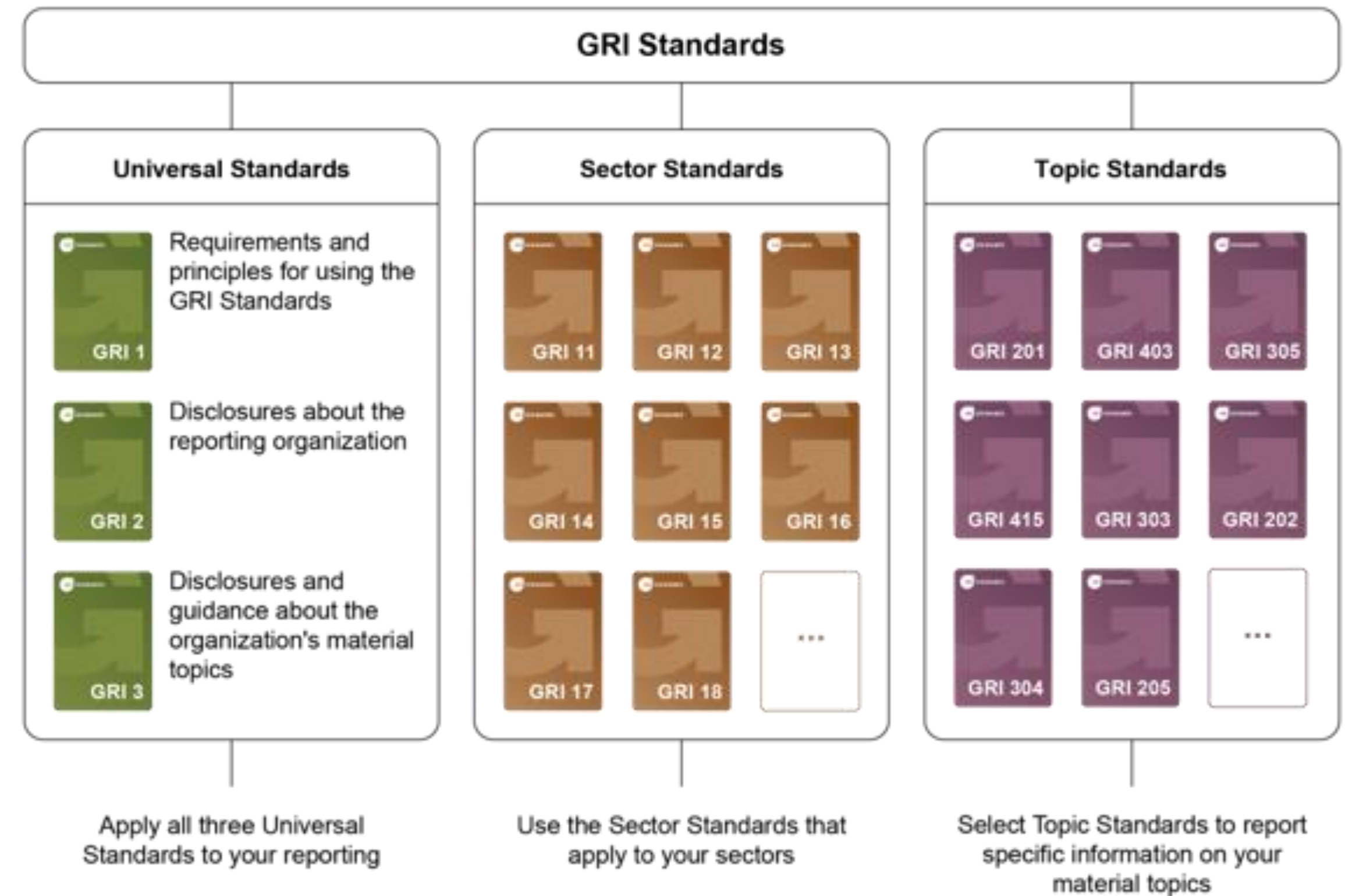
What

- GRI is the global standard setter for impact reporting.
- Through an independent, multi-stakeholder process
- We maintain the world's most comprehensive set of sustainability reporting standards.
- The GRI Standards are available as a free public good.

The GRI Standards



- The GRI Standards are a **modular system** comprising three series of standards: the revised **Universal Standards**, the new **Sector Standards**, and the adapted **Topic Standards**
- The new **Sector Standards** increase the quality, completeness, and consistency of reporting by organizations within sectors
- There are now **31 Topic Standards**. An organization selects the Topic Standards that correspond to the **material topics** it has determined for reporting.
- The updated GRI Standards are made **freely available** to any organization. Currently available in English, translations will be available over the course of the year



Global trend

Drive towards the creation of a comprehensive corporate reporting regime based on a **two-pillar reporting structure** and **a core set of common standards** for each pillar and **on equal footing**

- Pillar 1 – Strengthened financial reporting
Focus: impact on companies disclosures addressing the financial implications of sustainability issues
- Pillar 2 – Sustainability reporting
Focus: all impacts a company is having on society and the environment and hence their contributions towards the goal of sustainable development

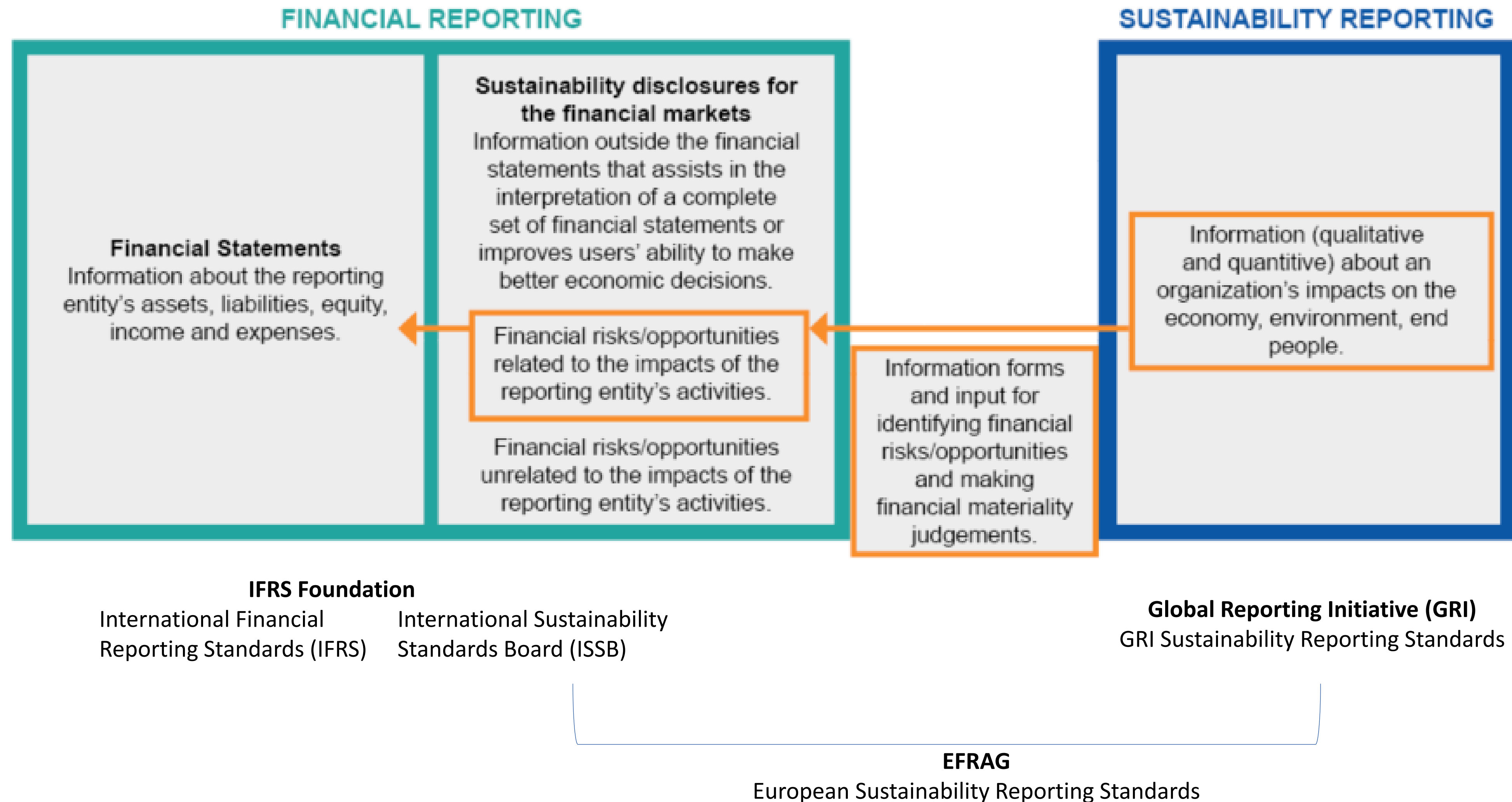
Double materiality

The guiding principle for sustainability reporting

- Companies need to consider materiality from two perspectives
 1. economic, environmental and social **impact of the company's activities on all stakeholders**
 2. the impact of sustainability issues on **the value of the company**
- Each direction of double materiality needs to be considered in its own right
 - **It is not about the convergence of the two perspectives that renders an issue as material**
- Financial and sustainability standards must be developed and governed in their own right and a mechanism is needed to address questions of **connectedness** between the two
- A company should **start with the assessment of the outward impact** followed by the identification of the subset of information which is financially material to the company and of interest to financially focused stakeholder groups

Our Vision – a 2-pillar system

A company should start with the assessment of the outward impact





How do the TLAs tie together

RSI – SDG - GRI

The role of reporting in advancing the SDGs



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

Key highlights and trends

Imbalances within SDG reporting

14% of the N100

10% of the G250

Included balanced reporting on **both positive and negative** SDG impacts

SDGs most and least prioritized by the N100

Most prioritized (by more than 50% of companies)	Moderately prioritized (31% – 50% of companies)	Least prioritized (by 30% of companies or fewer)
82% Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	49% Good health and well-being	30% No poverty
63% Take urgent action to combat climate change and its impacts	43% Gender equality	25% Peace, justice and strong institutions
58% Ensure sustainable consumption and production patterns	42% Quality education	22% Zero hunger
50% Affordable and clean energy	37% Sustainable cities and communities	18% Life below water
50% Industry, innovation and infrastructure	33% Reduced inequalities	9% Life on land
	32% Clean water and sanitation	
	31% Partnerships for the goals	

Base: 2,243 N100 companies that identify SDGs relevant to their business
 Source: KPMG Survey of Sustainability Reporting 2020

Reporting on the SDGs: tools for reporters



The Analysis of the Goals and Targets

Helps companies report in a comparable and effective way, including an inventory of **established disclosures** and possible **actions per target**.



Integrating the SDGs into Corporate Reporting

A practical guide on how companies can **embed the SDGs** in existing business and reporting processes.

Now supported by **examples of corporate reporting** in practice.



Addressing Investor Needs in Business Reporting on the SDGs

Covers **investor-relevant** aspects of corporate SDG reporting. It gives recommendations on the **key parameters** useful for investors.

Areas of support



We help professionals and organizations succeed with their sustainability reporting

Online course

Integrating the SDGs into sustainability reporting



Training

Professional training and certification accessible online and in-person

Reporting Tools

Practical tools to make high-quality reporting more manageable



Report Services

Tailored reviews and guidance to strengthen your report and reporting process

GRI Community

A global membership network jointly advancing corporate transparency

SDG mapping service

Making SDGs easily traceable in your report and accurately mapped to the GRI Standards

THANK YOU



www.globalreporting.org

 [global-reporting-initiative-gri](https://www.linkedin.com/company/global-reporting-initiative-gri)

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EQUITIX

Vision of private investors

Joe Robinson
ESG Manager, Equitix

EQUITIX – Vision of private investor



Joe Robinson
ESG Manager
Equitix



PANEL DISCUSSION



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”





MAKING VISIBLE YOUR CONTRIBUTION TO THE RSI

Claim your badge!

Serge Ravet
RECONNAITRE



The contribution of Open Badges to the Rail Sustainability index...

...and the achievement of United Nations' SDGs

May 3rd 2022

Serge Ravet - Reconnaître - Open Recognition Alliance



France



Spain



Austria



France



Austria



Slovenia



Co-funded by the Erasmus+ programme of the European Union

Erasmus+

From Rail Sustainability index



To Rail Sustainability index Badges





What are Open Badges?



Digital Photo

image + metadata

EXIF—Exchangeable Image File Format

Open Badge

image + metadata

Open Badge file format



A verifiable, tamper-proof mark of recognition



Why use Open Badges?



With an **Open Badge** you
 can make **visible**
 something that wouldn't be
 visible with out it...



Practices
Achievements *Commitments*
SDGs
Expertise *Competences* *Projects*

...

*... and by making that thing visible,
 something new could emerge...*



The RSi CONTRIBUTOR badge



This badge can be claimed by railway professionals who are contributing to the Rail Sustainability index (RSi)

The holders of the *RSi CONTRIBUTOR* badge, are contributing to the collection of data leading to the publication of the Rail Sustainability Index (RSi).



RSI CONTRIBUTOR

 UIC - Rail Talent
contact@railtalent.org

Rail Talent is an initiative from UIC, the worldwide professional association representing the railway sector and promoting rail transport

Tags: SDG

This badge can be claimed by railway professionals who are contributing to the Rail Sustainability index (RSI)

The holders of the *RSI CONTRIBUTOR* badge, are contributing to the collection of data leading to the publication of the Rail Sustainability Index (RSI).

The RSI is focused on 7 key Sustainable Development Goals where rail can make the most demonstrable contribution: - GOAL 5: Gender Equality - GOAL 7: Affordable and Clean Energy - GOAL 8: Decent Work and Economic Growth - GOAL 9: Industry, Innovation and Infrastructure - GOAL 11: Sustainable Cities and Communities - GOAL 12: Responsible Consumption and Production - GOAL 13: Climate Action



The Other SDGs goals are:

- GOAL 1: No Poverty
- GOAL 2: Zero Hunger
- GOAL 3: Good Health and Well-being
- GOAL 4: Quality Education
- GOAL 6: Clean Water and Sanitation
- GOAL 10: Reduced Inequality
- GOAL 14: Life Below Water
- GOAL 15: Life on Land
- GOAL 16: Peace and Justice Strong Institutions
- GOAL 17: Partnerships to achieve the Goal

Source

When you claim the *RSI CONTRIBUTOR* badge, you need to provide evidence of your contribution to the RSI process.

Your name *

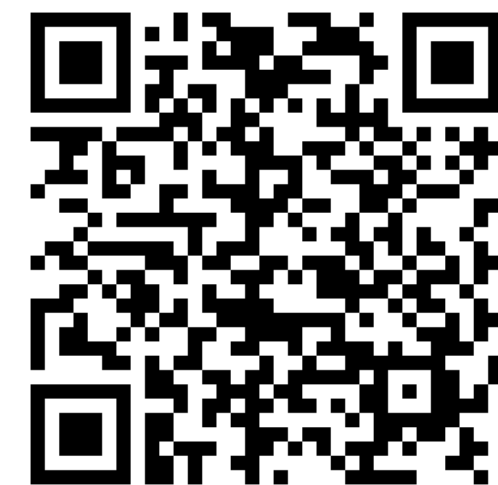
Your email address *

Your organisation *

Please provide the name of your organisation / service



Claim your badge!



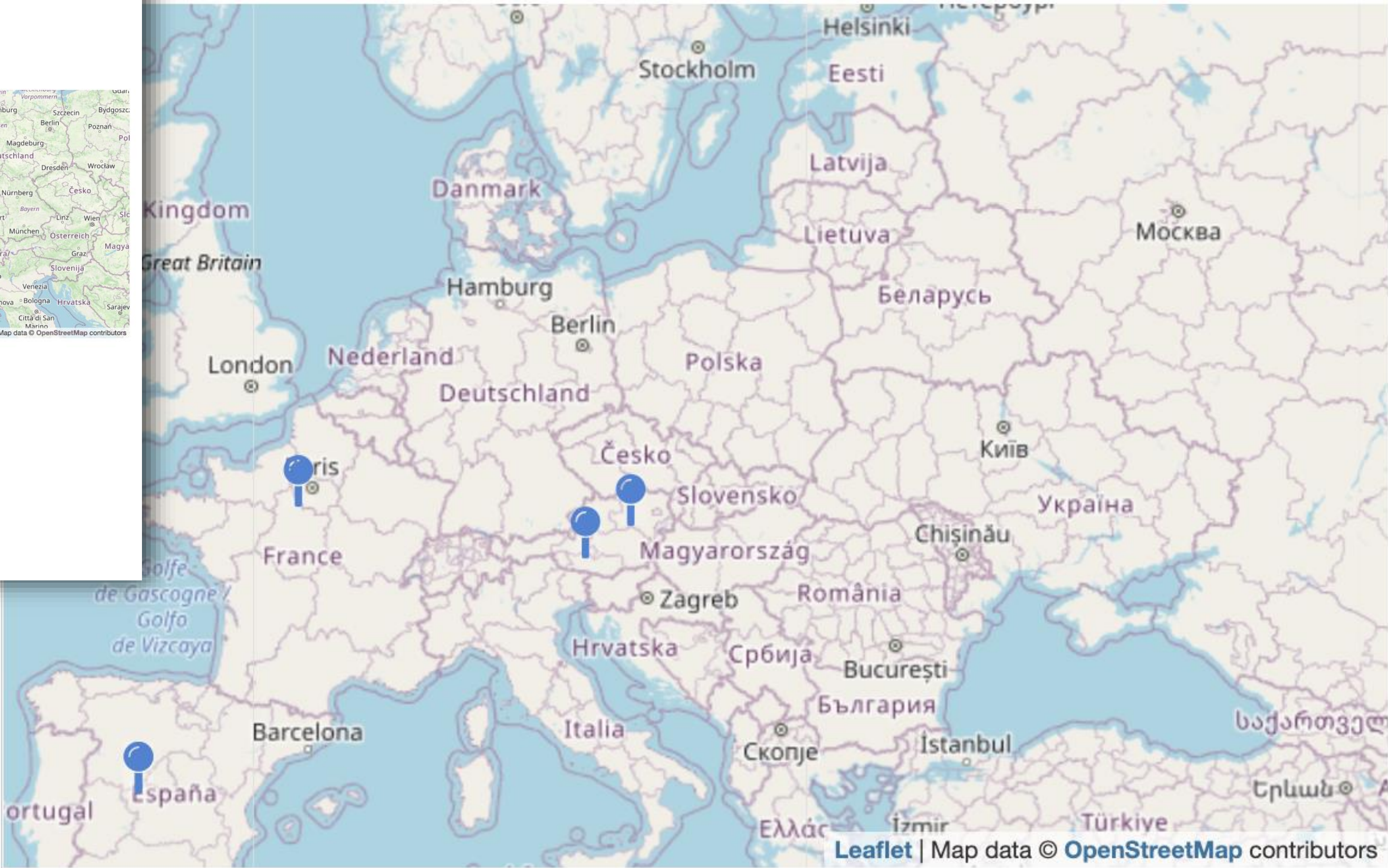
RECIPIENTS: 4

Lucie Anderton

Recent badges

- RSI Contributor (UIC - Rail Talent)
- SDGs Aware (UIC - Rail Talent)

os Garcia Lucie Anderton Alfons Bauernfeind Serge Ravet



Open Badge Passport

Join the community!



Claim you badge



bit.ly/RSI_Contributor

bit.ly/RSI_Badges_FAQ



Thank you!



Serge Ravet



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Thank you for your attention.