



Iarnród Éireann
Rail2050

European Supply Chain Day 2026

Qian Li

Deputy Chief Procurement Officer

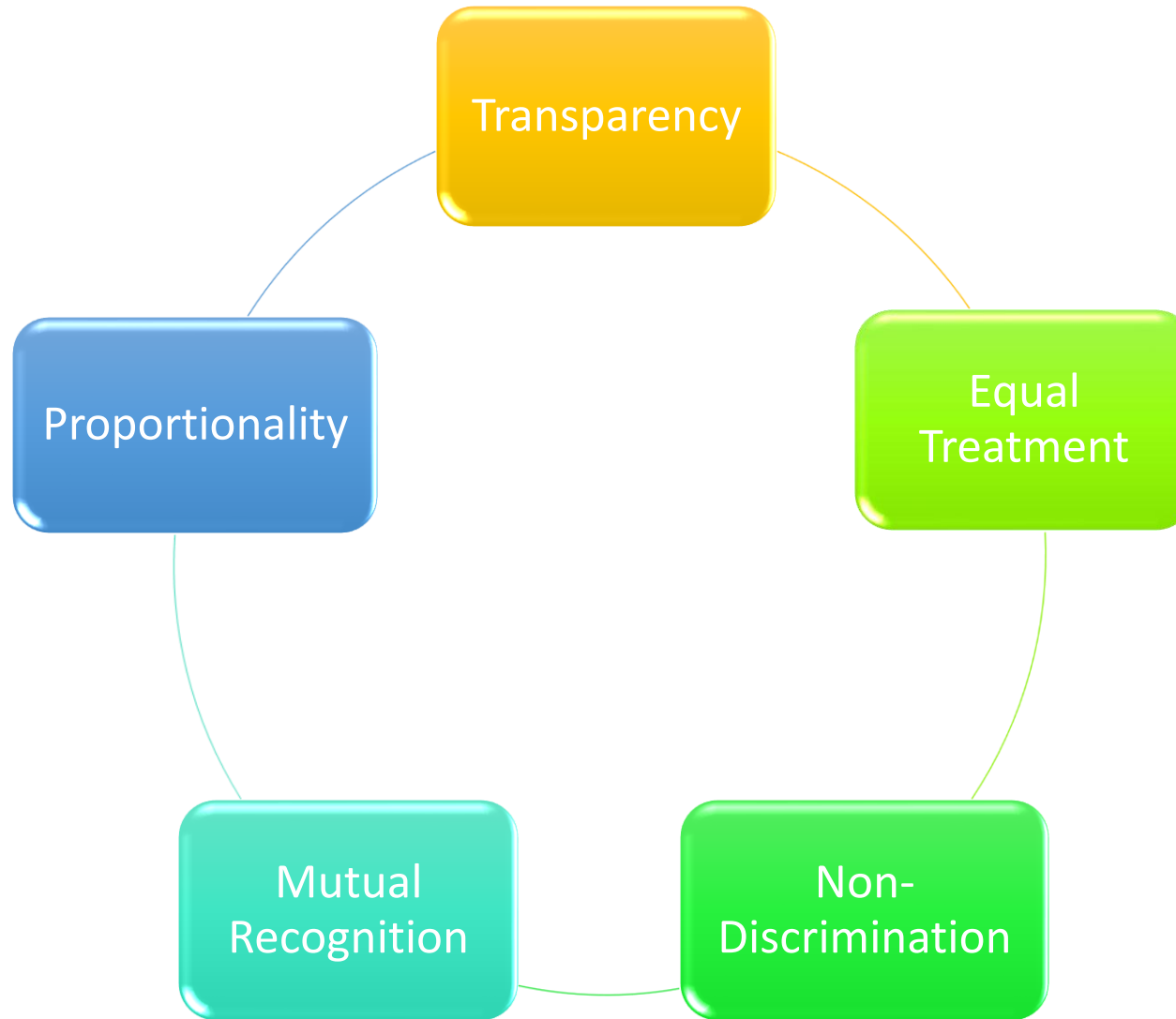


What's Public Procurement

Public Procurement is the process by which government and public bodies purchase goods, services, or works from an external source, often through a competitive tendering process.



Principles of Public Procurement



IÉ Procurement Spend and Activities YTD 2025

Total Spend
€713M

Contract Award Value
€1.5B

Total number of
Awarded Contracts
500+



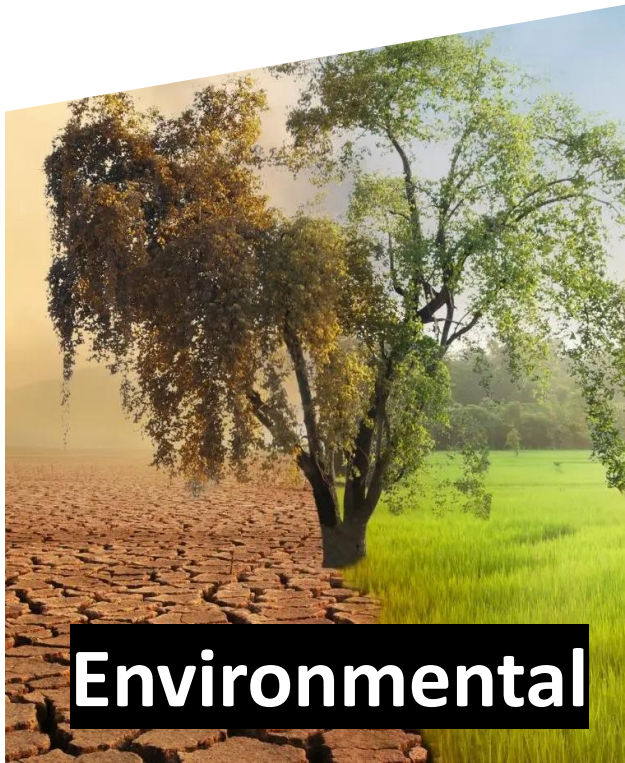
What's Sustainable Procurement



Social



Economic

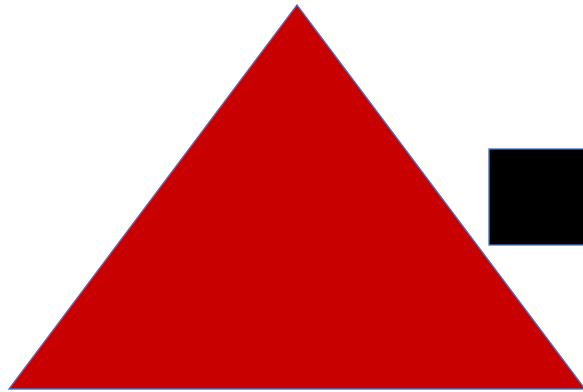


Environmental

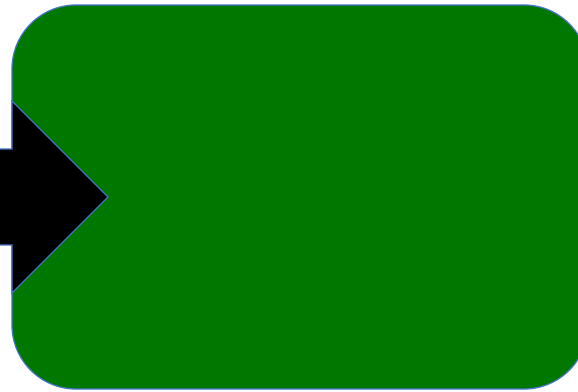
Why Does Sustainable Procurement Matter?



Crisis- 危机



危-Risk / Disruption



机-Turning Point / Change



Why Sustainability in the Supply Chain Matters?

Risk of Supply
Chain disruption

Risk of Shocks and
stresses due to
climate changes

Risk of not
Achieving national
climate targets and
Potential Penalties

Opportunity to
shape our
economy, society,
and environment

Opportunity to
deliver sustainable
mobility in Ireland

How to Embed Sustainability in Procurement



◀▶ Preliminary Market Consultation

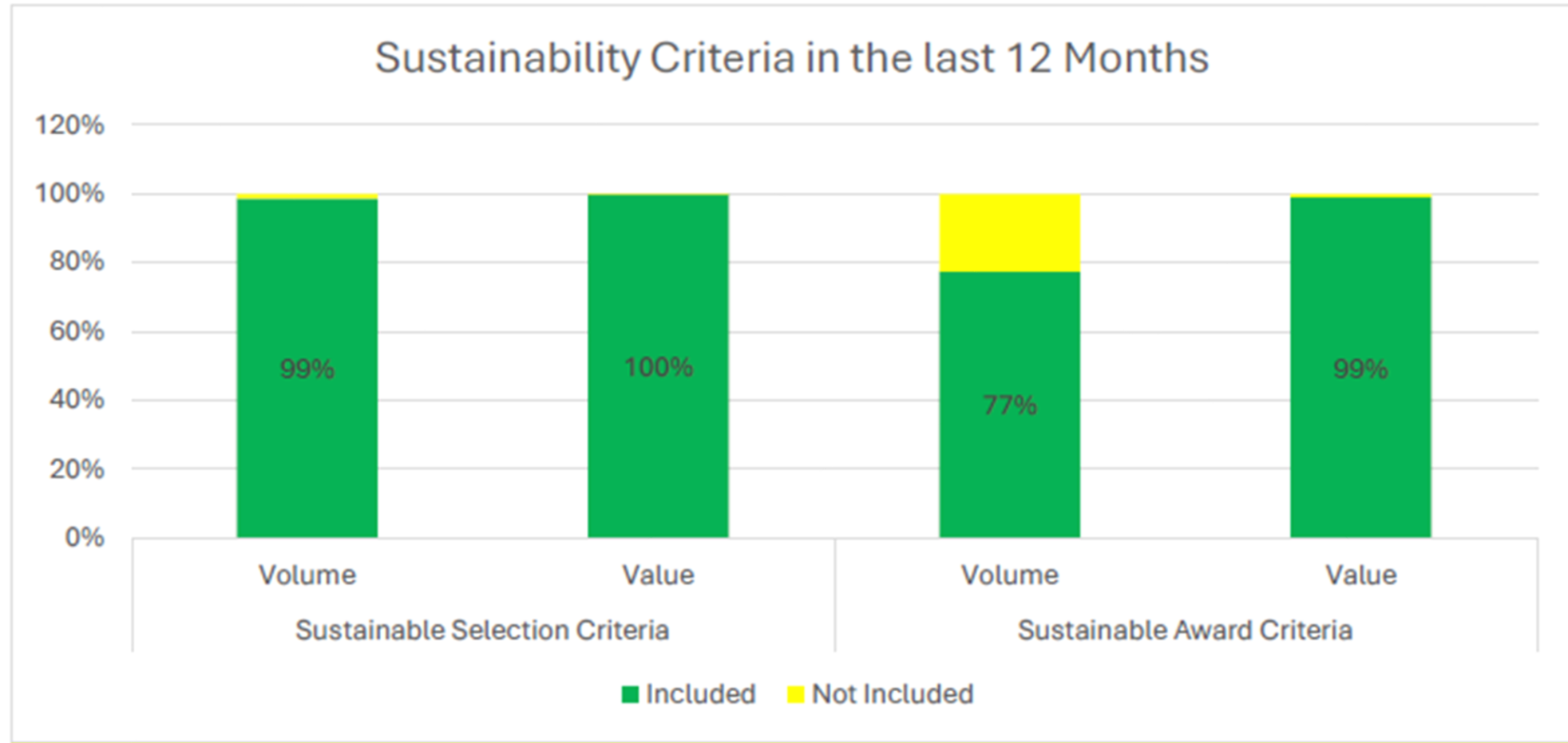
◀▶ Selection Criteria

◀▶ Specifications

◀▶ Award Criteria

◀▶ Contract Clauses

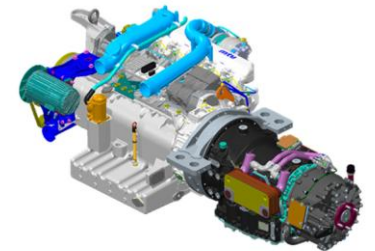
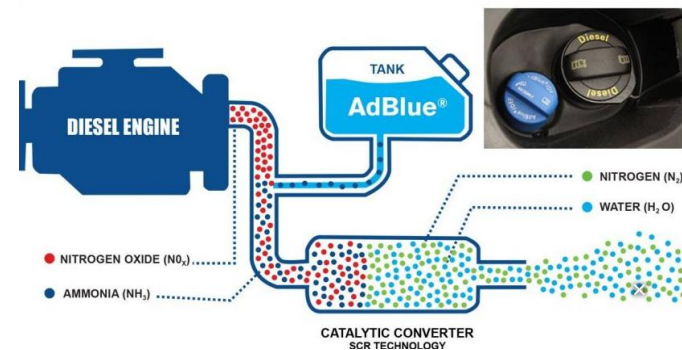
Sustainability criteria in awarded procurement tenders



Bridging the gap

Rapid innovations to reduce GHG Emissions from diesel engines:

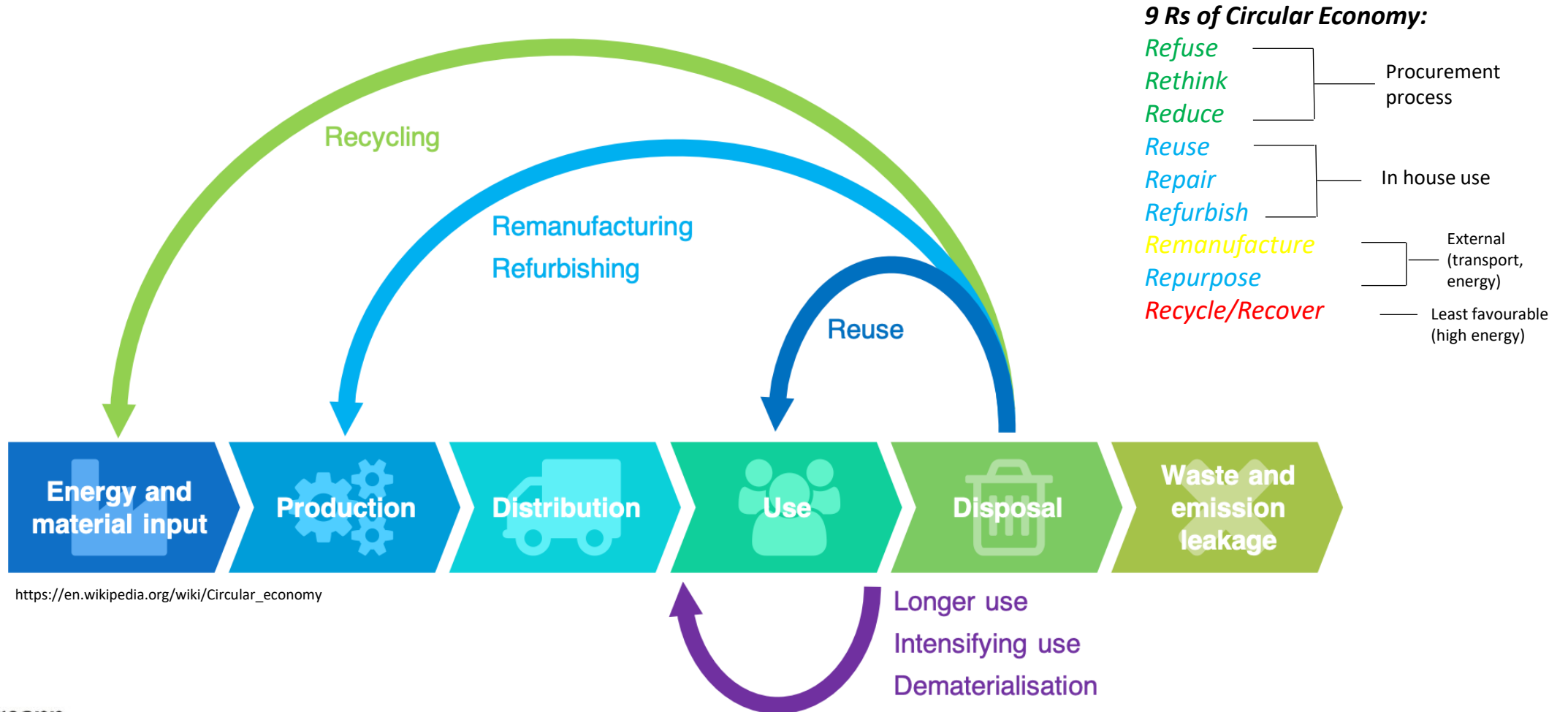
- **Envirox** – using currently, improves engine performance by 10%
- **AdBlue** – used currently eliminates NOx by 90%
- **Transmission upgrades / hybrid power packs** – on trial, might not be cost beneficial for aging fleet.
- **HVO (hydrotreated vegetable Oil)** – 100% carbon reduction credit from SEAI (due to life cycle of plant-based fuel) - successful trials on rail maintenance equipment, trialling in locomotives now, potential to use on commuter fleet.



ZF Transmission – Stage 1

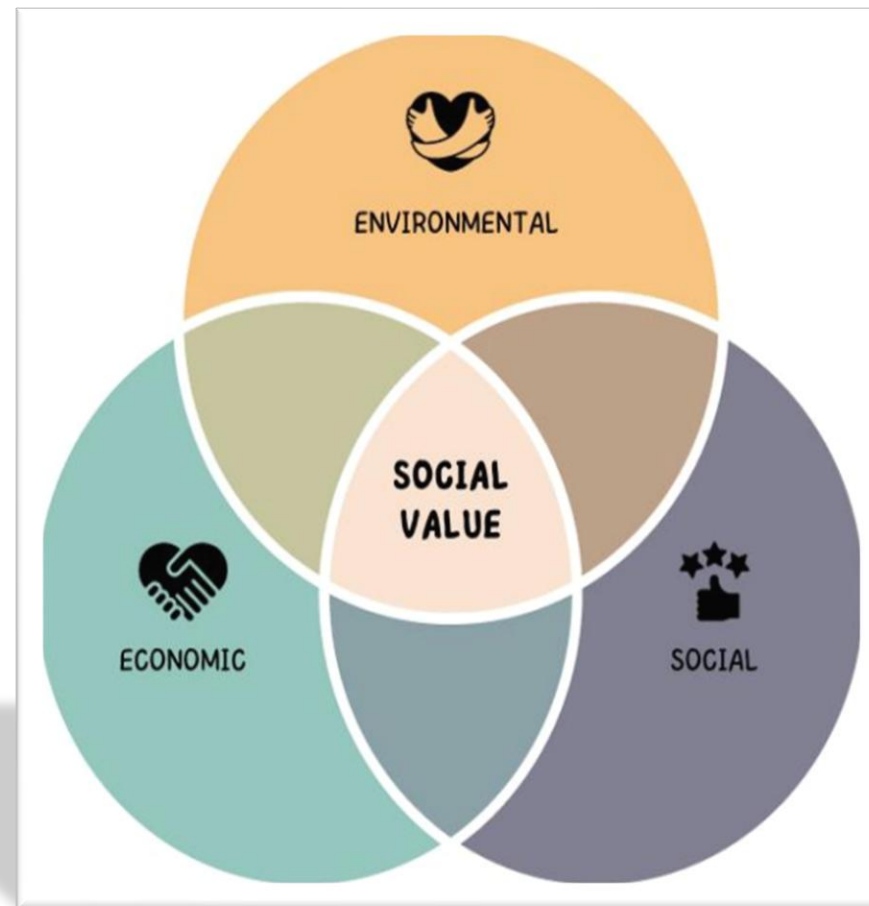
Iarnród Éireann's Circular Economy Strategy

Adapting the 9R Principles



https://en.wikipedia.org/wiki/Circular_economy

Social Value Creation - United Kingdom



Social Value Creation - United Kingdom

Using Irish Proxies	Commitment	Social Value Created
Number of apprenticeship weeks delivered	30 weeks	€ 21,720.00
Community Donations - Cash & Products	€ 4,000.00	€ 8,000.00
Community Donations - Professional Services	32 hours	€ 2,792.96
Community Fundraising	€ 5,000.00	€ 10,000.00
The value of contract opportunities awarded to LOCAL suppliers	€ 50,000.00	€ 70,000.00
Number of people hours spent providing support to community-led initiatives	50 hours	€ 1,774.00
Number of full time equivalent (FTE) hires who were PREVIOUSLY UNEMPLOYED	2 hires	€ 46,338.70
Total Social Value Created		€ 160,625.66

DART+ estimated €2.6 billion – €3.2 billion

1% Social Value Delivery Requirement

€26 million – €32 million of Social Value

ecovadis

EcoVadis is a globally recognized and widely used supplier sustainability rating platform.

- Pre-qualification or tender evaluation input
- Scorecards are shareable
- Suppliers can be required to complete an assessment within a defined period after contract award



Thrive focused on Social Value planning, delivery and reporting.
Complements ESG ratings by capturing what is actually delivered.

- Metrics and indicators are fully customisable
- Enables ongoing monitoring of supplier Social Value performance





SUPPLY CHAIN SUSTAINABILITY

SCHOOL

The School is a collaboration between clients, contractors and suppliers who have a mutual interest in building the skills of their supply chain.

Why Training Important ?

- Learn from each other
- Share practical experience
- Creating Supply chain Resilience.
- Identify emerging or under-addressed sustainability risks (Modern Slavery As Example)

SUPPLY CHAIN SUSTAINABILITY

SCHOL



Introduction to Sustainability in the Built Environment

This module is intended to be the first step on your ...



Introduction to Climate Change and Carbon

Learn about the causes of climate change and how we can ...



Carbon Footprinting & Measurement

Why and how should you measure your carbon footprint?



Introduction to Biodiversity

Biodiversity is the term which describes the number of ...



Introduction to Ethical Business

What does ethical business mean, and why should it matter...



Introduction to Modern Slavery

What steps can you take as an organisation that will ...



Navigating Sustainable Procurement Policy Shifts Together - Virtual Conference Recording

Conference about adapting to



Anti-Bribery and Corruption Policy - Key Considerations for Employers

Ibec guide for employers



OECD Toolkit for raising awareness and preventing corruption in SMEs

Toolkit evaluating foreign bribery and corruption risks ...



Anti-Corruption Toolkits for Business | Transparency International

Anti-corruption toolkits to help businesses prevent ...



Doing Business Without Bribery e-learning module | Transparency International

Free online course providing anti-corruption training.



Ireland Corruption Risk Report 2020

2020 report on Ireland's corruption risk landscape.

Iarnród Éireann's SCSS Statistics (as of 18.02.26)

Our Activity

- Resources accessed 298
- 1,496 hrs 46 mins
- 585 hrs 19 mins was CPD time

Number of IÉ Staff with Accounts

- 297

Number of IÉ Vendors with Accounts

- 242

CIF Carbon Calculator

- 116 vendors have supplied carbon data
- 57 suppliers submitted carbon data for the year 2023
- 103 suppliers submitting carbon data for the year 2024
- These 103 suppliers represent **65%** of the total value of purchase orders generated that year.
- The campaign for 2025 data will start on 11th March with a webinar for our suppliers with a soft deadline of 30th June to submit data.

Iarnród Éireann Procurement Website

The screenshot shows the Iarnród Éireann Procurement Website. The header includes the Iarnród Éireann logo, TFI logo, and navigation links for My Booking, Login, EN, and Search. The main navigation menu includes Timetables and Routes, Tickets and Fares, Station Info, On the Train, and Support. A secondary menu includes Home, About Us, Company Information, Procurement at Iarnród Éireann, and Sustainable Procurement and Sustainability Criteria. The page title is 'Sustainable Procurement and Sustainability Criteria'. The content includes a video of a train, a definition of sustainable procurement, a list of criteria (Environmental, Social, Economic and governance), and a video titled 'Department Sustainable Procurement Interviews'.

The screenshot shows the Iarnród Éireann Procurement Website. The header includes the Iarnród Éireann logo, TFI logo, and navigation links for My Booking, Login, EN, and Search. The main navigation menu includes Timetables and Routes, Tickets and Fares, Station Info, On the Train, and Support. A secondary menu includes Home, About Us, Company Information, Procurement at Iarnród Éireann, and Modern Slavery Statement. The page title is 'Modern Slavery Statement'. The content includes a video titled 'MODERN SLAVERY', a definition of modern slavery, a list of forms of modern slavery (Forced labour, Human trafficking, Debt bondage, Child labour, Exploitation through control), a list of measures to prevent modern slavery, and a section on Key Legislation.

Iarnród Éireann Sustainability Week 2026

Monday 26th January to Friday 30th January 2026

Fourteen Events

117,631 minutes of sustainability training

971 attendees

New Events this Year:

- Iarnród Éireann Sustainability Conference
- Beyond Cost – Unlocking Value in Sustainable Procurement
- Your Route to Supplying Iarnród Éireann



Iarnród Éireann Sustainability Week 2026

Name of Event	Number of Attendees	Duration (Minutes)	Total Minutes of Training Delivered
Iarnród Éireann's Sustainability Conference - In person	90	230	20700
Iarnród Éireann's Sustainability Conference - Online	78	51.6	4025
Designing out waste - Workshop	21	120	2520
Understanding Social Value and Community Impact - Workshop	27	120	3240
Water Stewardship – from Awareness to Action	66	35.4	2336
Beyond Cost – Unlocking Value in Sustainable Procurement	75	46.25	3469
Supply Chain Sustainability School Annual Summit	230	270	62100
Planting for the Future	63	53.6	3377
Your Route to Supplying Iarnród Éireann: eTenders and the RFQ Process Explained	39	65	2535
Iarnród Éireann's Sustainability Strategy, "Sustainability in Motion"	75	48.9	3668
Leading People Inclusively - Diversity, Equity and Inclusion	28	61	1708
Unlock Green Funding: Boost Your Business and Sustainability (Enterprise-Ireland)	38	42.1	1600
Weathering the Storm: Making Projects and Supply Chains Climate-Resilient	49	52.1	2553
IGBC Membership Benefits	38	33.1	1258
Circular Economy - the Win-Win-Win Solution	54	47.1	2543
	971	1276.15	117,631.15

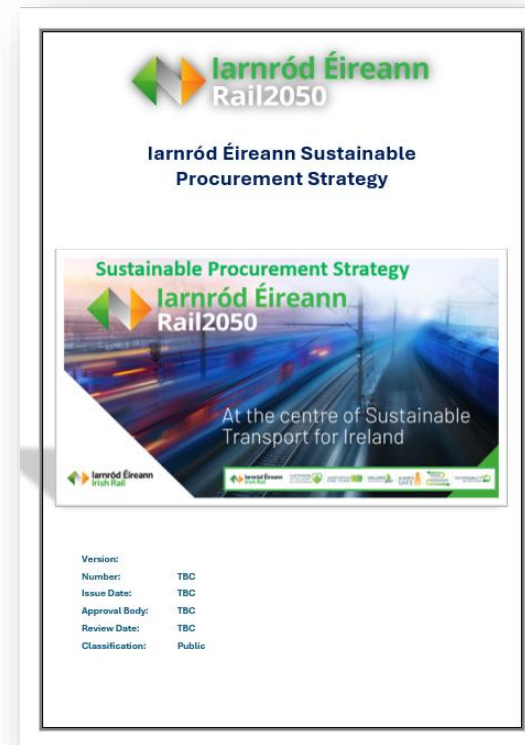
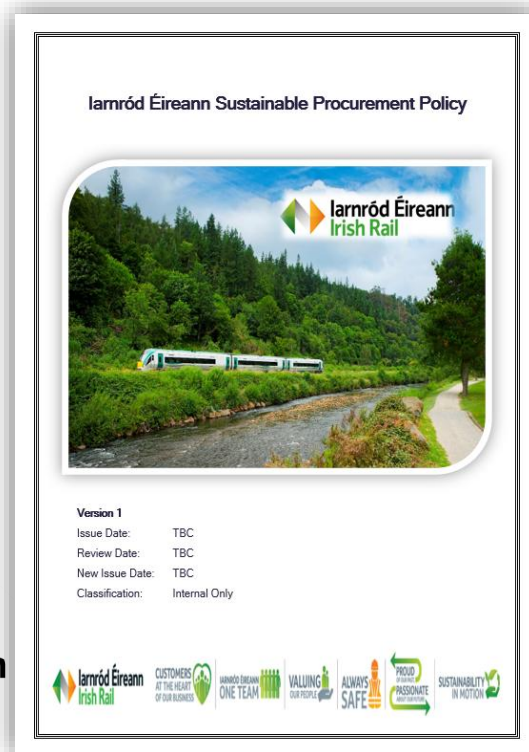
Draft Sustainability Documents

◀▶ Sustainable Procurement Strategy – Finished

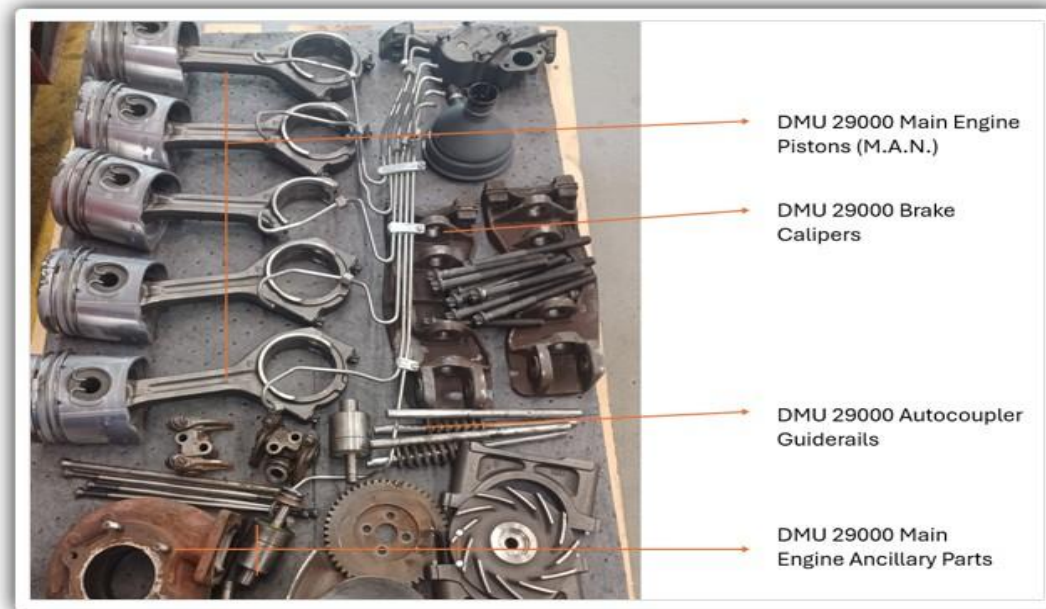
◀▶ Sustainable Procurement Policy – Still Under Review

◀▶ COC for suppliers – Under Final Review

◀▶ Modern Slavery & Human Trafficking Policy – First Draft completed



A beautiful story



DMU 29000 Main Engine
Pistons (M.A.N.)

DMU 29000 Brake
Calipers

DMU 29000 Autocoupler
Guiderails

DMU 29000 Main
Engine Ancillary Parts

Iarnród Éireann Sustainability Awards

◀▶ Green Supplier of the Year - External

◀▶ Social Impact of the Year - External

◀▶ Emission Reduction Impact Award - External

◀▶ Sustainable Procurement Excellence - Internal

◀▶ Continuous Improvement in Sustainability - Internal

Competition Opens: Monday 16th February

Competition Closes: Friday 20th March

Results Announced: Tuesday 5th May

Awards Ceremony: Tuesday 26th May





Iarnród Éireann Graduate Programme 2026 - Your Journey Starts Here...

At Iarnród Éireann, we're driving a once-in-a-generation transformation—positioning rail at the heart of Ireland's sustainable transport future through the Irish Rail Strategy 2050.

Our people are central to delivering this ambitious vision—across modern infrastructure upgrades, next-generation fleet development, customer experience innovation, and strategic port connections.

We are now seeking passionate graduates to become part of our 'One Team'—supporting the delivery of safe, reliable, and future-ready rail services nationwide. This is your chance to be part of a dynamic team building a greener, smarter, and more connected Ireland.

For more information and to apply, please visit https://lnkd.in/e_zJ7768



Crisis = Risk + Turning Point.



True success is not measured by wealth, but by the positive impact one makes on the lives of others and the world around them