



Sustainability Day 2025

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Welcome to the FAAS Sustainability Day 2025

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Sustainability Day 2025

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Setting the scene



Louise Wohrne



Michael Boe





Forum on Automotive Aftermarket Sustainability

Sustainability vs Capitalism

A reality check.....

Michael Boe

Co-Chair FAAS

President TERREPOWER EU



Initiated by:



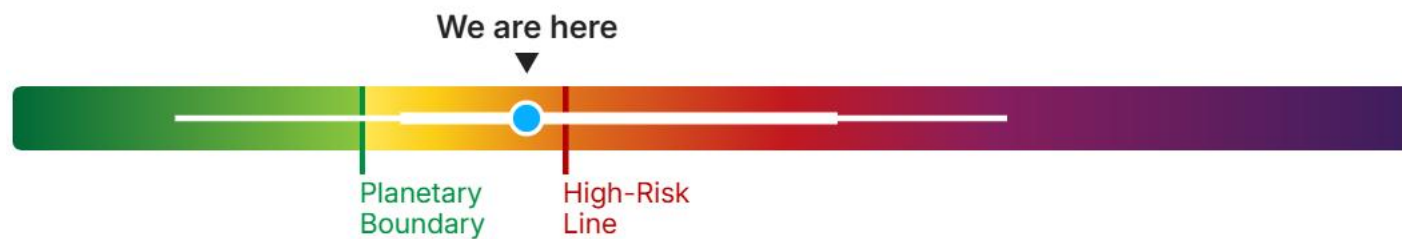


Forum on Automotive Aftermarket Sustainability

What has happened since our last sustainability day?

- Omnibus confusion
- COP 30
- 7 out of nine planetary boundaries breached

Earth Status



Initiated by:





Forum on Automotive Aftermarket Sustainability

What has happened since our last sustainability day?

- New working group started: Sustainability reporting & communication (WG5)
- Output and publications from several working groups
- 8 new members → 52 full members and 6 associated members
- Recruited our new FAAS manager Stijn Vervoort

Initiated by:





Forum on Automotive Aftermarket Sustainability

We can make a difference

The growing number of FAAS member companies shows that the aftermarket wants to contribute. For people, planet and profit.

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Sectoral overview, trends & learnings



Andrea Weinberger



A person wearing a bright yellow jacket and dark pants is kneeling on a large, jagged ice floe. They are looking down at the ice, with one hand resting on it. The background is a dark, starry night sky. The scene is illuminated by a cool blue light, possibly from a camera or a light source. A bright green L-shaped graphic element is positioned in the upper left, framing the text.

FAAS Sustainability Day 2025

*An Impulse on the value of
data in sustainability.*

November 26th 2025

■ ■ ■ ■ ■
The better the question. The better the answer. The better the world works.



EY Parthenon
Shape the future with confidence

Your Speaker



Andrea Weinberger

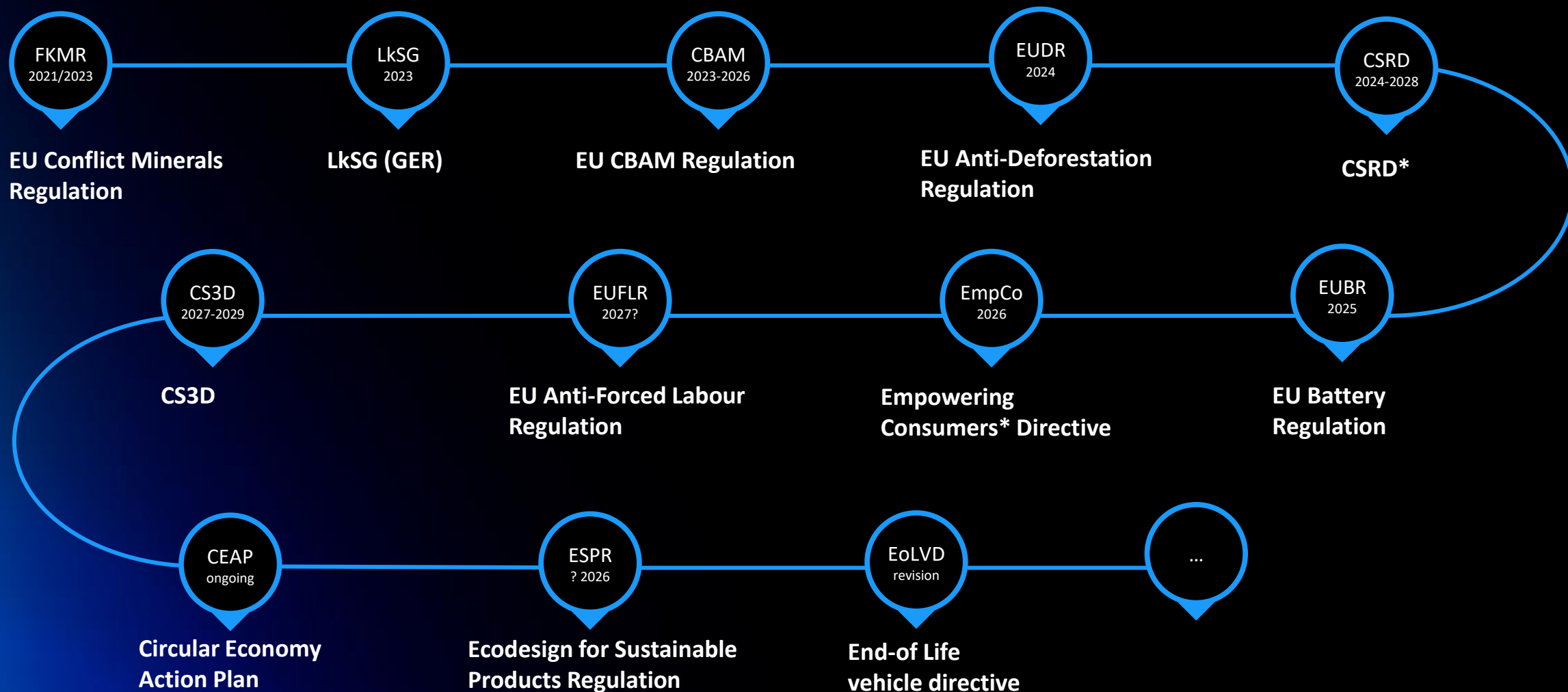
EY Parthenon, Partner

There is no “stopping sustainability”.

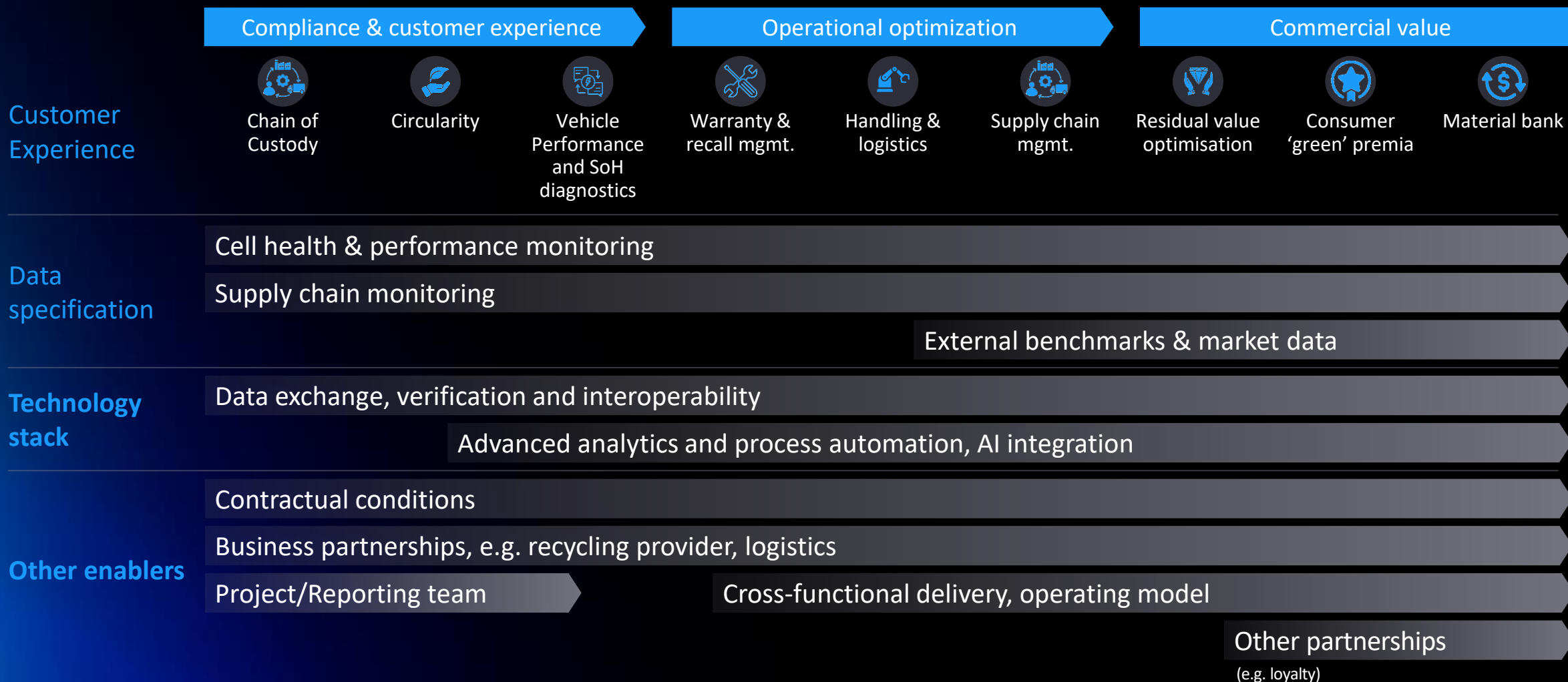
In the last years the focus was on regulatory, on reporting compliance – too much efforts with less impact & value.

Sustainability in its core is not reporting, but a question on how to do a business.

Supply Chain...at the core of regulation



Example –DPP Use Case



**Compliance is a
by-product when data,
processes and contracts
are right.**

EY | Building a better working world

EY is building a better working world by creating new value for clients, people, society and the planet, while building trust in capital markets.

Enabled by data, AI and advanced technology, EY teams help clients shape the future with confidence and develop answers for the most pressing issues of today and tomorrow.

EY teams work across a full spectrum of services in assurance, consulting, tax, strategy and transactions. Fueled by sector insights, a globally connected, multidisciplinary network and diverse ecosystem partners, EY teams can provide services in more than 150 countries and territories.

All in to shape the future with confidence.

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Fireside Chat: Exchanging PCF information



Lars Spelter

MANN+
HUMMEL



Louise Wohrne

MEKO



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Coffee break

We'll restart at 10.40

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Introduction: Management of Battery Technology



Richard Brasher

LKQ



EV Batteries: Setting the Stage, Raw Materials, Solutions and the Road Ahead



Richard Brasher

*VP, Sustainability and Interim CFO, North America Wholesale
LKQ Corporation*

Panelists



Michael Moser
*Head of Engineering,
Battery Diagnostics*

Mahle



Bogumił Papierniok
CEO and Partner

EVorkshop



Michael Boe
President

Terrapower Europe



Nils Steinbrecher
Senior Director Sales

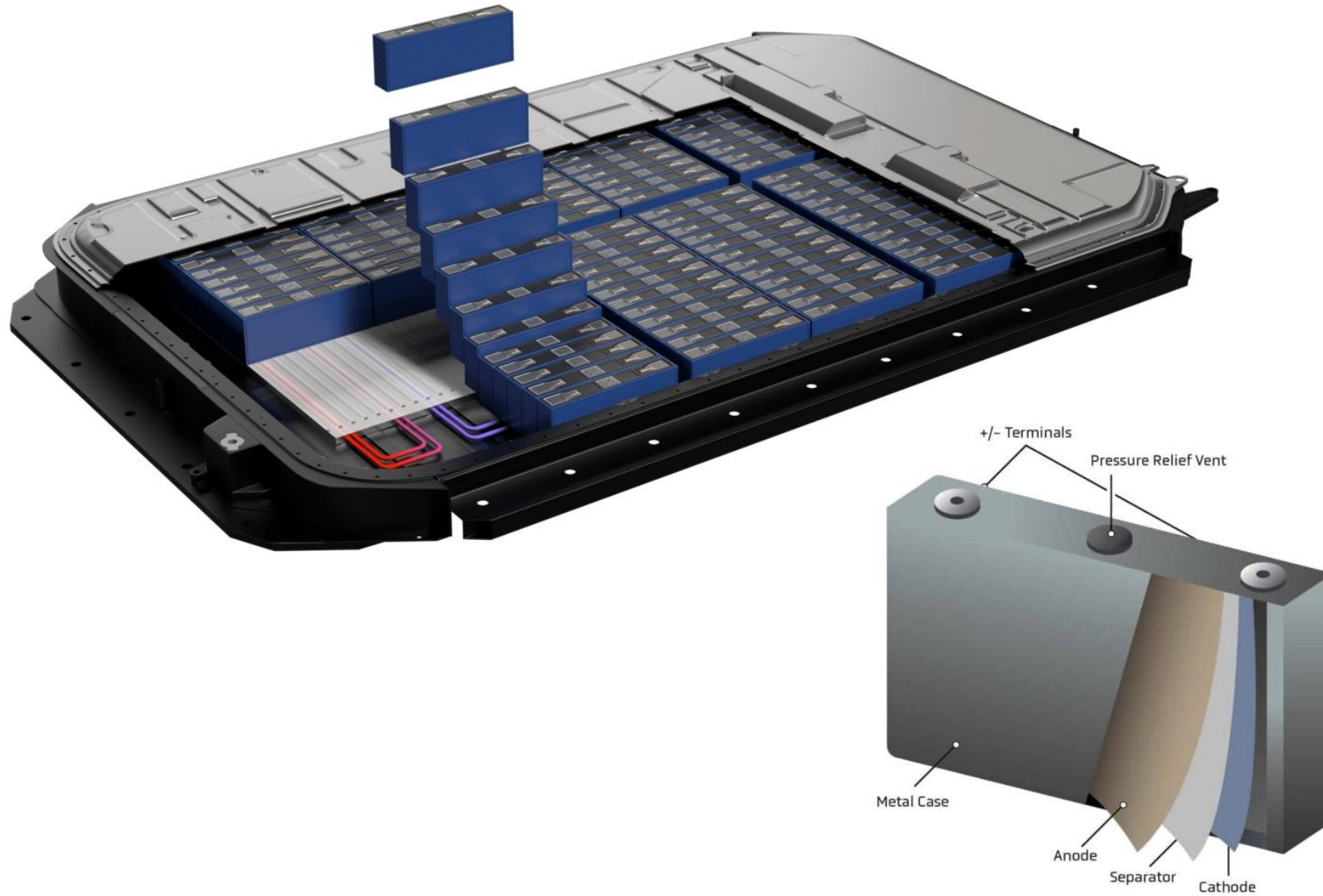
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Tilmann Vahle
*Director, Sustainable
Automotive and
Batteries*

Quantis

Setting the stage

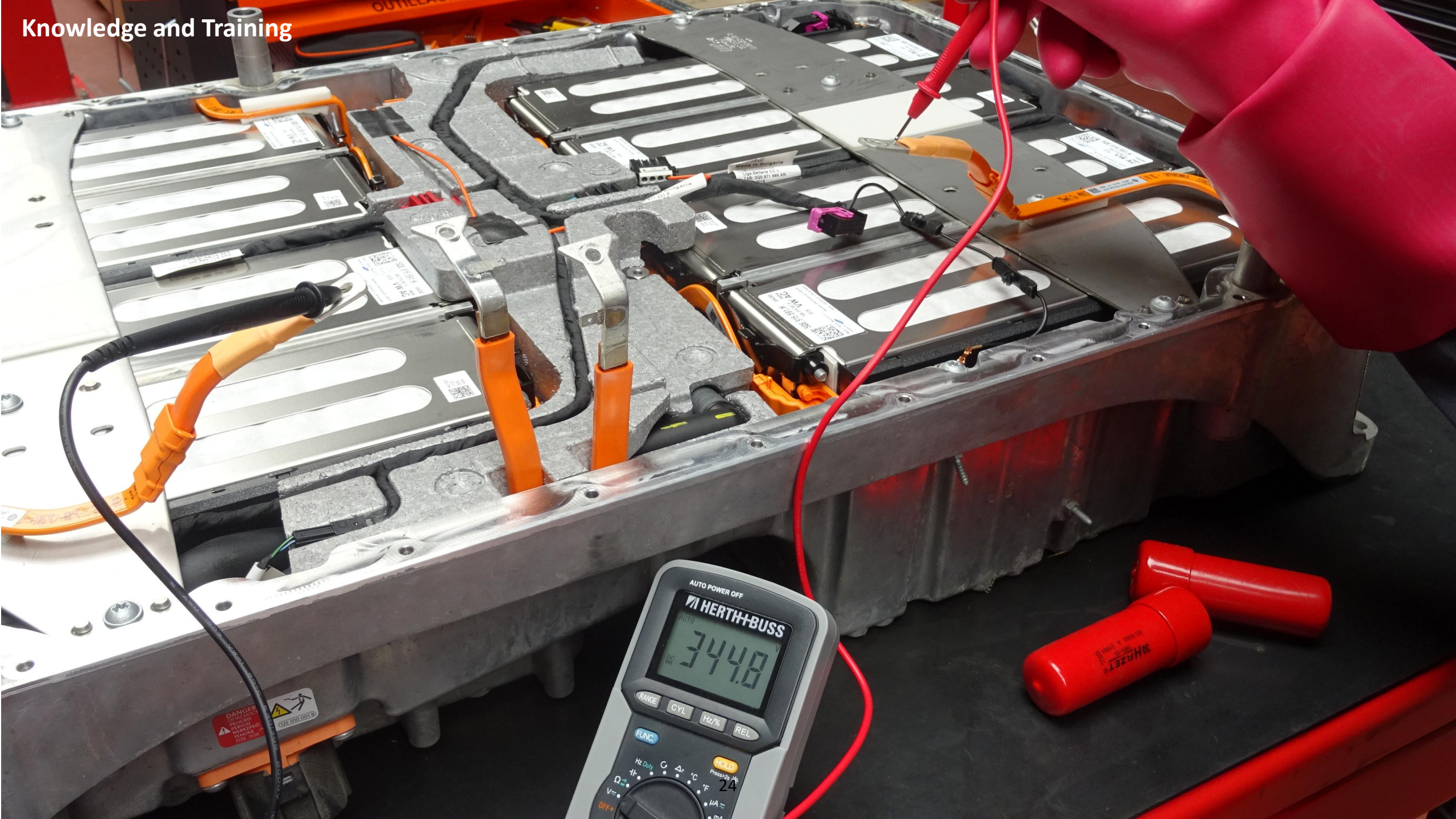


Raw Materials





Knowledge and Training



Questions – the Road Ahead



Panelists



Michael Moser
*Head of Engineering,
Battery Diagnostics*

Mahle



Bogumił Papierniok
CEO and Partner

EVorkshop



Michael Boe
President

Terrapower Europe



Nils Steinbrecher
Senior Director Sales

cylib



Tilmann Vahle
*Director, Sustainable
Automotive and
Batteries*

Quantis



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Lunch break We'll restart at 13.15

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Package for recyclability



Monika Romenska



Packaging for recyclability: EPR for HH and I&C Packaging Waste EXPRA members' practices

Monika Romenska

Regulatory and PA Manager, EXPRA



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12 years existence

35 MEMBERS & Partners
all industry-owned, non-profit

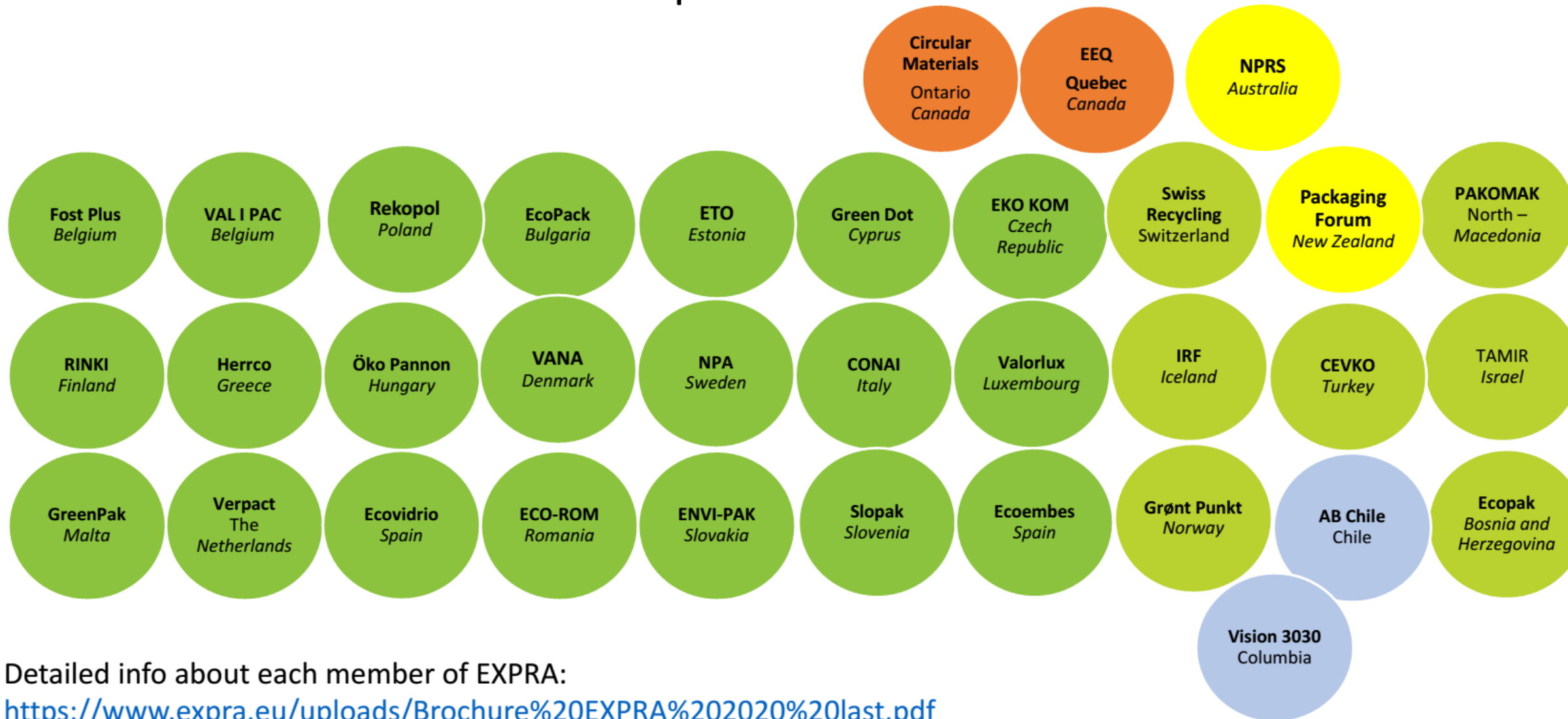
over **HAVE
30
YEARS** of experience and
expertise in the
waste management
field

PROVIDE
over **22**
MILLION
PEOPLE with packaging
collection, sorting
and recycling
infrastructure

ENSURE RECYCLING AND RECOVERY
of over **22** of packaging every year
MILLION TONNES

EXPRA
in a nutshell

Our Members – 34 non-profit Members and Partners



Extended Producer Responsibility

- Extended Producer Responsibility (EPR) is a resource management tool whereby **producers** have to take over an **individual responsibility** for the end of life management of their used products/packaging
- EPR is a concept but neither a business plan nor a franchise!
- The design of each national EPR System and each PRO is determined by
 - (The EU legislation (WFD / PPWD / SUPD))
 - The respective national implementation
 - Obligated industry in a respective country if and when owning the PRO respective the third party owning the PRO's
 - Local authorities who usually decide about the concrete collection (and sorting) system in their district

EPR's role in a circular carbon neutral economy

Operational
AND financial
responsibility



Financing operations in the supply chain

- **Different types of financial intervention in evidence:**
 - Cost coverage for specific operations – drop off points, processing of mixed packaging.
 - General financial support to incentivise higher collection and recycling rates.
 - Targeted intervention to incentivise behaviour – start separate collection, use recycled content, capture data.
- **Often there is a ‘toolkit’ of different interventions for different situations.**
- **EPR schemes most typically intervene financially in the supply chain for C&I packaging when waste management costs exceed revenue from material sales and so there is less incentive for the private sector to collect the material for recycling.**

EPR - several ways of implementation

EPR System in hands of obliged industry

(BE, ES, IT, NL, NO, CZ, FR, IE, PT)

Competing PROs

(DE, PL, RO, BG,)

'Tradable Credits' Model with several traders

(UK)

Several PRO's sharing infrastructure

(DE, AT)

PROs acting in different areas

(BG)

PROs have established parallel infrastructure

(EE)

Operational responsibility fully with local authorities

(FR, NL, CZ)

Collection and sorting with local authorities

(BE, ES, IT)

EPR system in parallel to a deposit system

(DE, NO, SE, FI, EE)

One comprehensive system for all (household) packaging

(e.g. BE, FR, ES, IT)

Household & ICI Packaging treated differently

(DE, FR, BE, ES)

Same rules for all packaging

(e.g. IT, CZ, SK, RO)

Full cost approach

(e.g. DE, AT, BE, SE)

Shared cost approach

(e.g. IT, ES, FR)

Incentive cost approach

(UK)

No operational responsibility for local authorities

(e.g. DE, AT, SE)

PPWR – Key Sustainability Requirements

All packaging recyclable by 2030 (Grades A–C only)

Minimum recycled content targets for plastics (2030 & 2040)

Packaging minimisation & max 50% empty space rule

EU-wide harmonised recyclability & material labelling

Reuse targets for transport, sales & e-commerce packaging

Restrictions on single-use packaging formats

Limits on hazardous substances (incl. PFAS, heavy metals)

Mandatory conformity assessment & technical documentation

Best Practice : Belgium



**C&I packaging 773,000 tons
put on the market**



Paper/cardboard
58%



Wood
23%



Plastic
13%



Metals
5%



**Household packaging 765,000 tons
put on the market**



Glass
39%



Plastic
26%



Paper/cardboard
23%



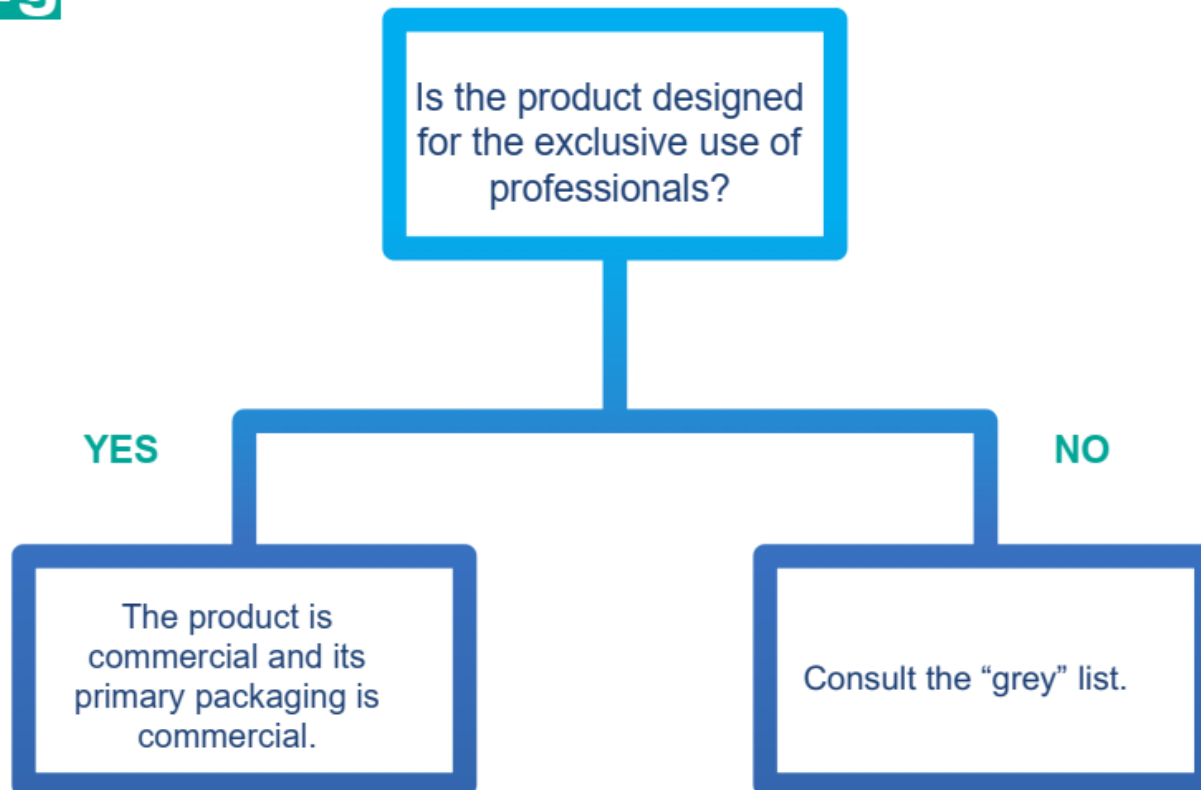
Metals
9%



Drink packaging
2%

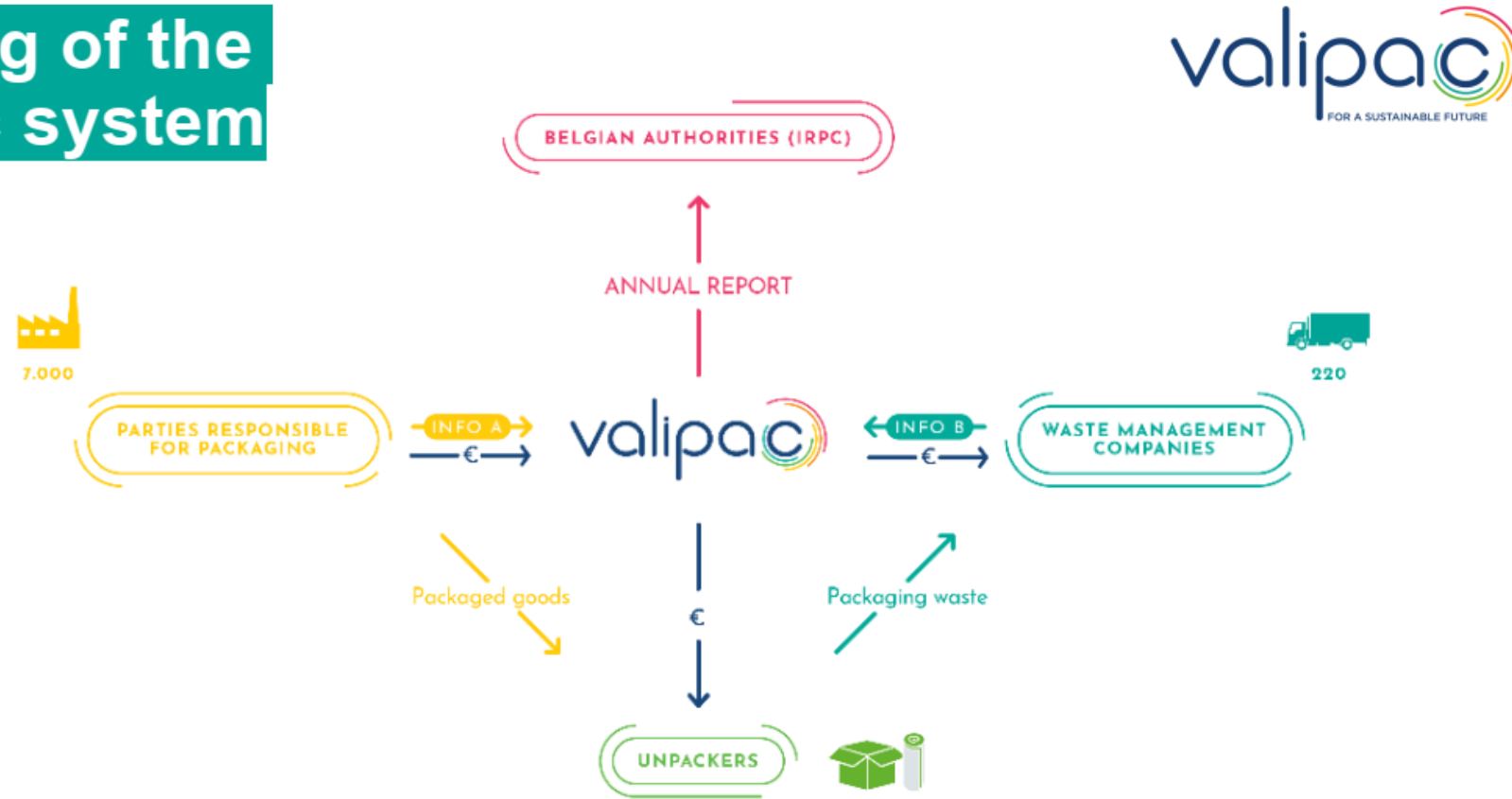
Best Practice : Belgium

Decision tree household / commercial packaging



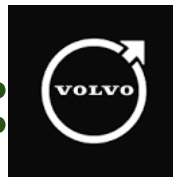
Best Practice : Belgium

Working of the Valipac system



INFO B: QUANTITY OF PACKAGING WASTE RECYCLED = **RECYCLING TARGET PER MATERIAL**
INFO A: QUANTITY OF PACKAGING BROUGHT ONTO THE MARKET

Best Practice:



&



Compliance and Reporting: Valipac helps Volvo Cars (and other clients) meet their legal obligations regarding industrial packaging in Belgium by compiling data on the quantities of packaging placed on the market and the amounts collected and recycled. This information is then reported to the Interregional Packaging Commission (IVCIE).

Incentives for Sustainable Packaging: Valipac offers a bonus of €50 per tonne to companies that use C&I plastic packaging containing a minimum of 30% certified post-consumer recycled material, provided the goods are sold in Belgium. This encourages the use of sustainable materials within Volvo's supply chain.

Promoting Circularity: Valipac stimulates and assists in specific projects to promote a circular economy for packaging, for example, by helping producers reduce the use of difficult-to-recycle additives like certain pigments.

Platform Access: Clients like Volvo Cars can use Valipac's online platform, [myRecycledContent.be](https://myrecycledcontent.be), to connect with suppliers offering packaging solutions made with recycled content.

Collaboration within the value chain!

- Continue and increase the collaborative approaches to increase the circularity of packaging like
 - HolyGrail 2.0 - Pioneering Digital Watermarks for a Circular Economy
 - CEFLEX - DRIVING TOWARDS CIRCULAR ECONOMY
 - Close the Glass Loop - bringing together the entire glass packaging ecosystem
 - 4EverGreen - Perfecting circularity together
 - Circular Plastics Alliance – voluntary pledge for 10 Mio t recyclates



**Close the
Glass Loop**





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Member Experience: Towards Sustainable Packaging



Stéphanie Chheang





**From reuse to rethink
Valeo initiatives toward more circular packaging**

30 November 2025 - Pragues

Valeo Service I CARE FOR THE PLANET program

TO REDUCE PROGRESSIVELY THE ENVIRONMENTAL IMPACT OF AFTERMARKET

Promote **REMAN/REPAIR** solutions



Double Wet Clutch for DQ250 transmission



INNOVATE with eco-design for the next generations of Products



PRO LONGIUM 
VALEO PATENTED INNOVATION

Ventilated Clutch

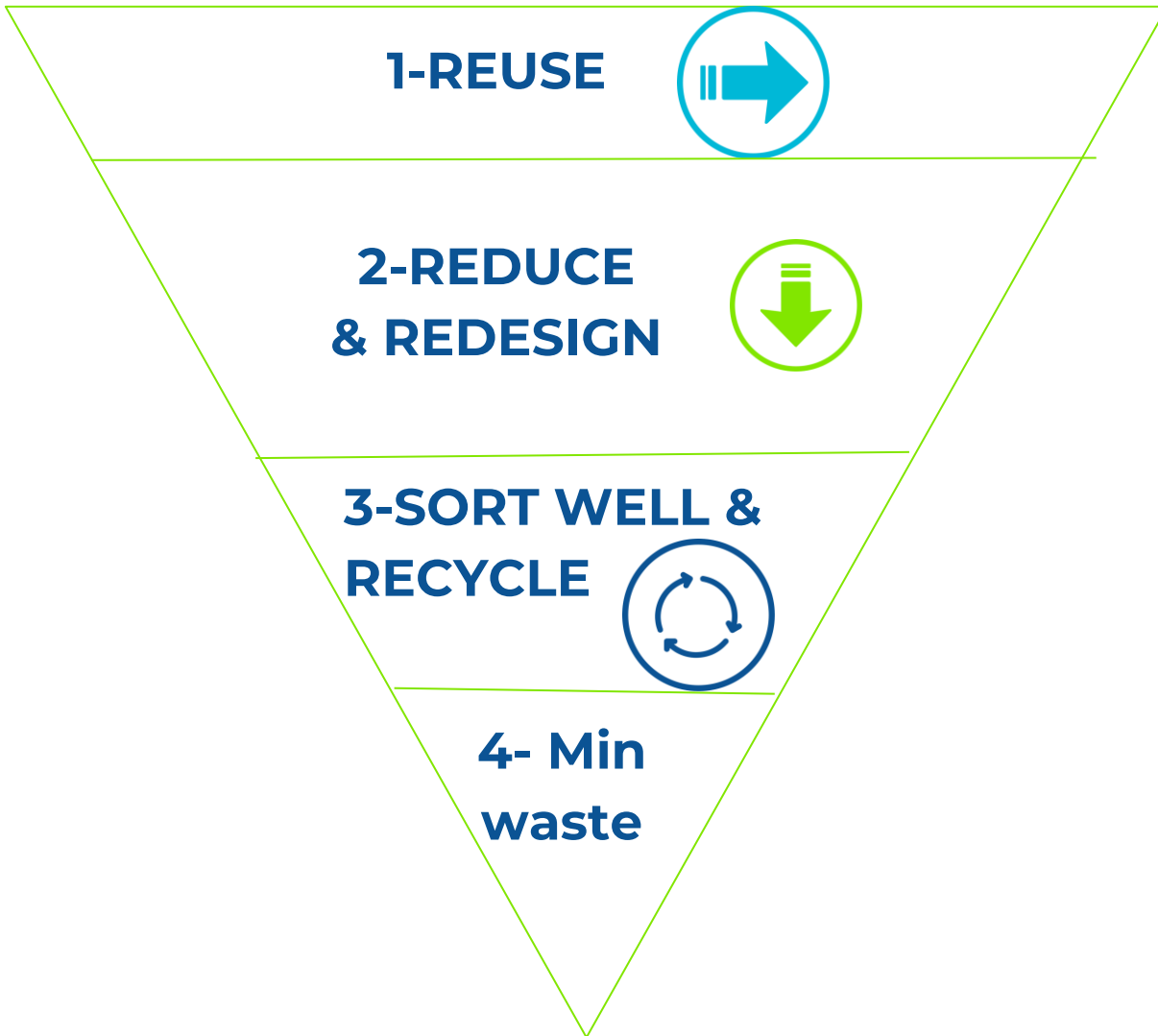


Support the **TRANSITION TO ELECTRIC MOBILITY**

Reduce the **ENVIRONMENTAL IMPACT OF PACKAGING & TRANSPORT**

Packaging impact reduction

Our principles for a more circular packaging



EXTEND PACKAGING LIFE (warehouses)

CUT PLASTIC, RECYCLABLE and MORE SIMPLE PACKAGING

MAXIMIZE RECYCLING, VALORIZATION

The Independent Aftermarket challenge

A complex ecosystem — thousands of parts, many realities

- Thousands of Part Numbers
- Different product shapes and sizes
- Variable sales volumes
- long-distance transport.



Quality and practicality remain top priorities

PRINCIPLE 1: REUSE

Good-quality pallets

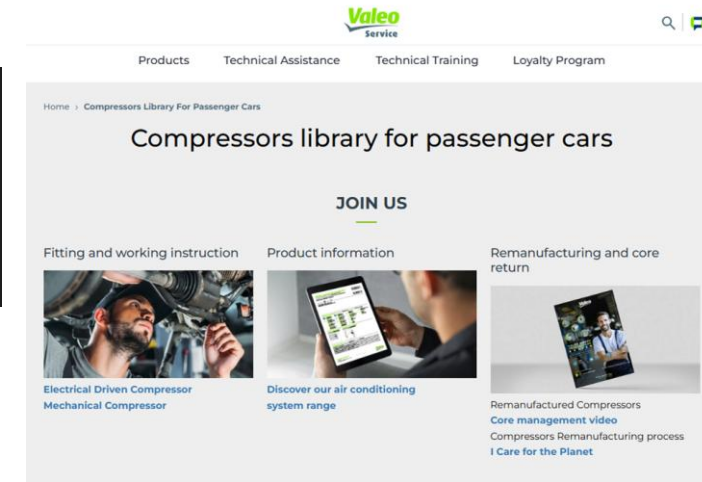
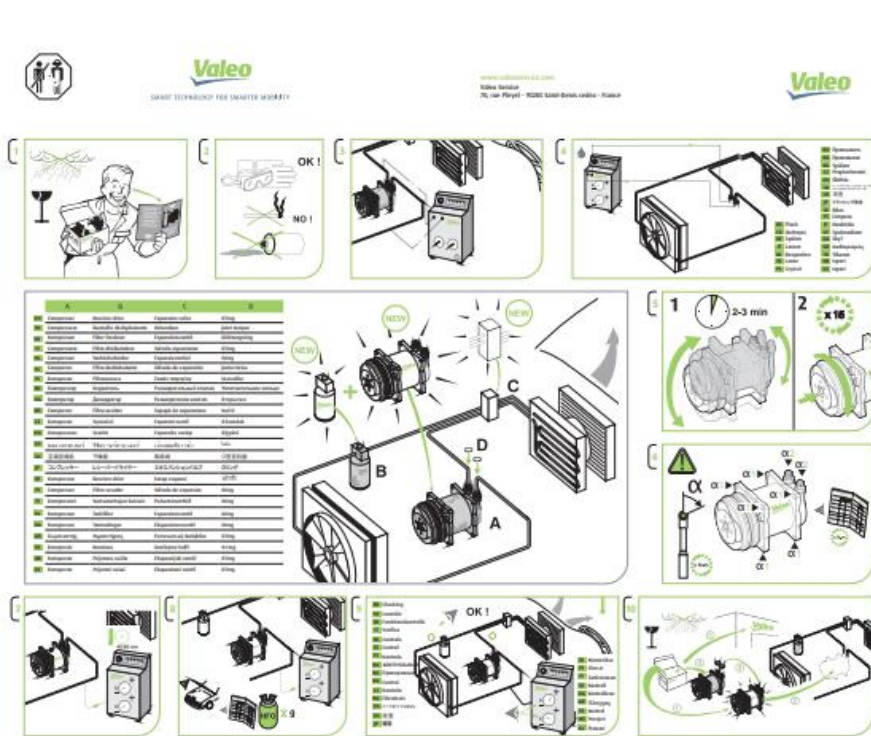


Internal protections



PRINCIPLE 2: REDUCE & REDESIGN

Reducing paper waste with Digital



Ex: compressors fitting instruction
103 kg of papers,
since Aug 2025

*implemented by Valeo factories in Europe for starter, alternators, and Aug 2025 compressors. More products to come.

Principle 2: REDUCE & REDESIGN

Designing for Circularity

1-Box dimensions optimized (reduced empty space)



2-Inside Packaging Recyclable materials* (alternative to plastic whenever possible without product risk)



Wipers connectors

Ex: "Regen" compressor 620 kg of
saved plastic since June 2024

*implemented since 2022 from Valeo factories in Europe
for starter, alternators, and June 2024 compressors

3-External packaging: from plastic sleeve to cardboard packaging on WIPERS



436 TONS of saved plastic / year

* Based on estimation of 40g of plastic used per packaging
(consumer sales unit) on 2020 sales volumes - Valeo
National Brands only (excl. Private Labels)

PRINCIPLE 3: SORT to RECYCLE and MINIMIZE WASTE

The proper sorting: the waste to the right channel in warehouse



Common Industrialized Waste (CIW)

57 tons in 2019

↓ 11 tons in 2023



Team adoption: “simple, visible, and effective.”

PRINCIPLE 3: RECYCLE

Closing the loop with Pallet: from used cardboard to Half pallet in cardboard



- **Lighter (2kg)**
- **Recyclable, glue-only design — no nails.**
- **Easy manipulation, storage, stacking**
- **Less risks: no sharp parts, no nail in wood**

PRINCIPLE 3: SORT to RECYCLE and MINIMIZE WASTE

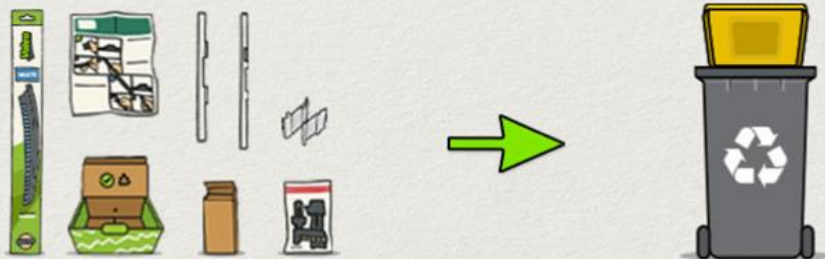
Empowering the end user (Workshop and Driver)



- QR code in Wiper packaging to explain to end user how to properly sort the wiper packaging,
- Specific instruction by country

Understanding Packaging Symbols and Sorting Instructions

On the back of the packaging, you'll find the material codes and sorting pictograms. This page provides additional information on the meaning of these symbols and how to correctly sort each component. Since 2023, France has simplified its sorting instructions: all components of your Valeo wiper packaging can now be placed in the sorting bin



Understanding your packaging Materials



Packaging of the wiper blades



Cardboard / Paper Components

The cardboard box and the cardboard sleeve are made of non-corrugated cardboard (PAP 21). The instruction leaflet is made of paper (PAP 22).



Sorting instructions: Flatten them to save space, then place them in the yellow sorting bin or take them to the collection point

Principle 5: REINVENT

From Idea to Reality: Designing and Industrializing Circular Packaging



Idea

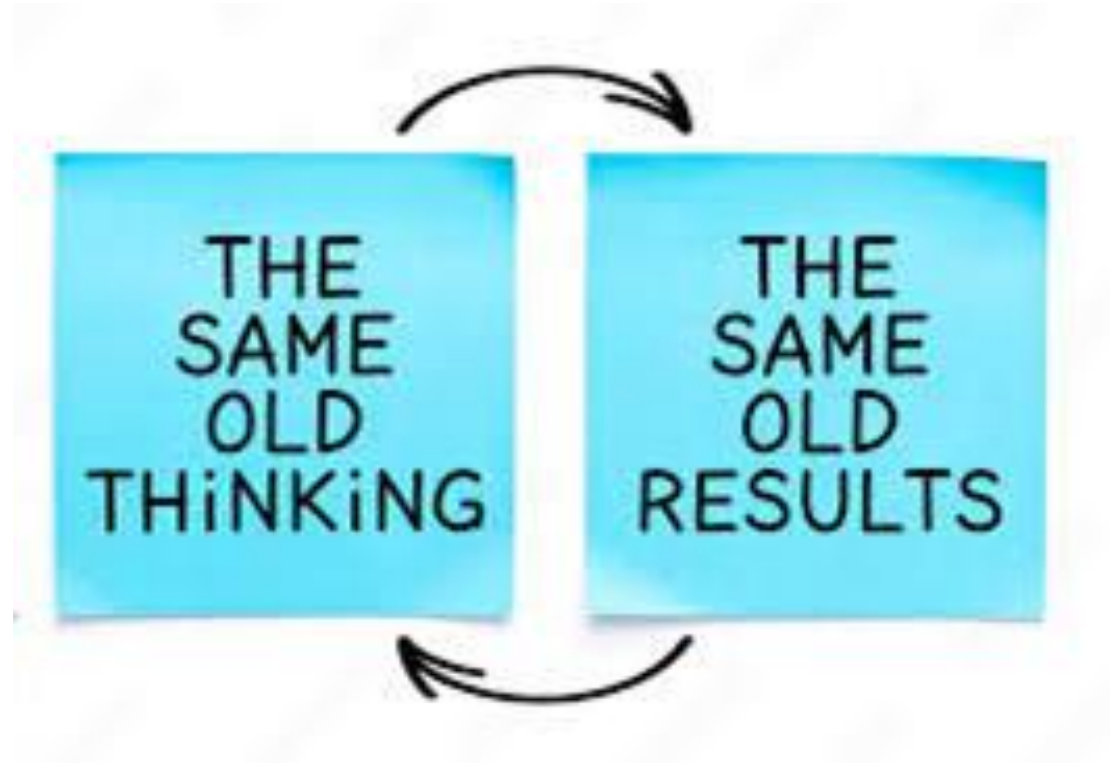
- For the wiper holder inside the packaging, switch from plastic holders to recycled cardboard
- REUSABLE and RECYCLABLE materials

Implementation

- Required investment in new production tooling
- New machine developed to automatically insert cardboard holders
- industrialization project

Conclusion: RETHINK

The human side of circularity



Mindset shift: the real challenge



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Member Experience: Towards Sustainable Packaging



Peter Lukassen





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Member Experience: Sustainability along the Value Chain



Romain Thenard

P H E



P H E

— PARTS HOLDING EUROPE —

Improve supply chain
sustainability:

Transport initiatives
highlight

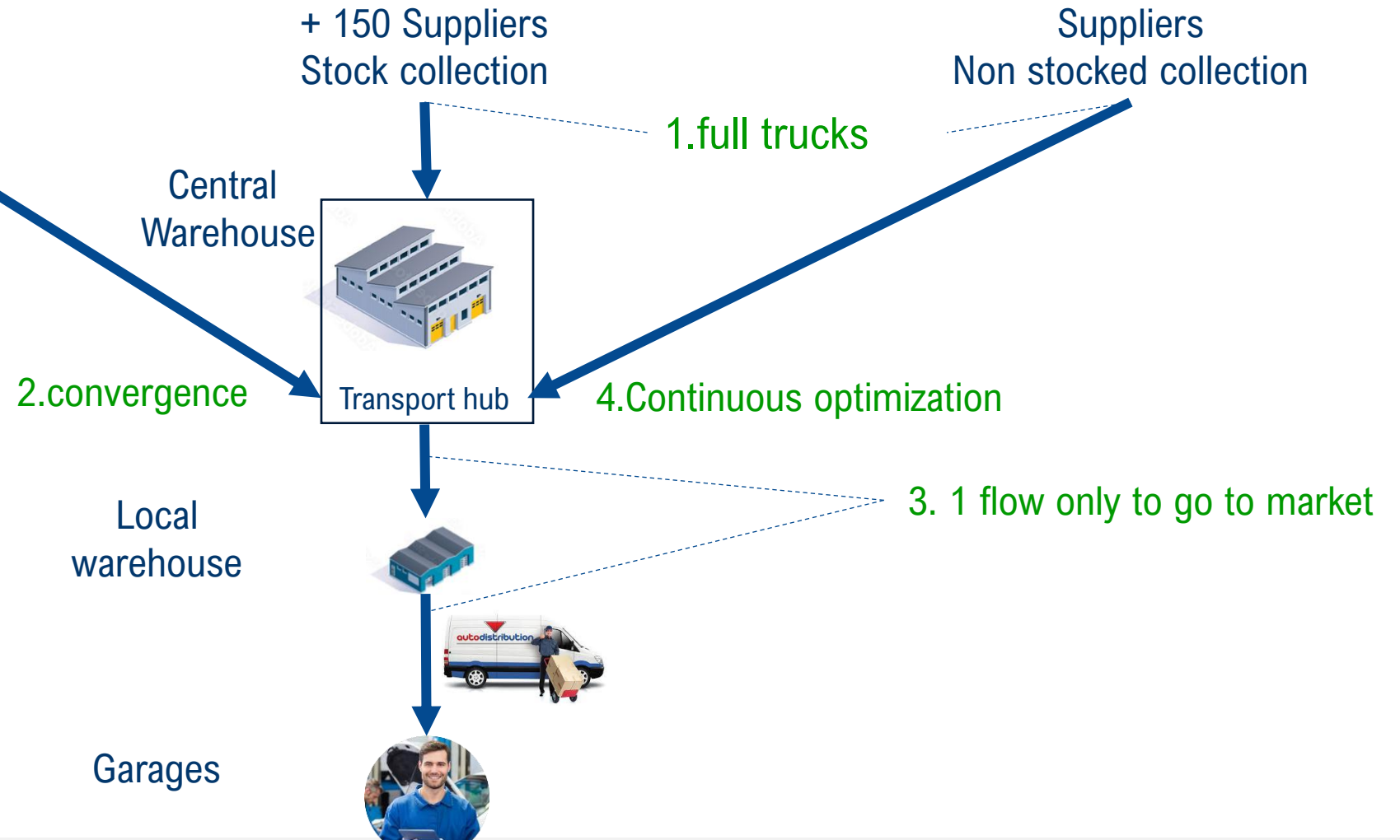
PHE TRANSPORT INITIATIVES

- 2025 - Pragmatic approach based on few principles :
 1. Maximize **full** trucks and use adapted vehicles (heavy trucks / Light trucks)
 2. Flows design: organized the **convergence**
 3. Distribution: **1 flow** to go to market
 4. **Continuous optimization** and redesign

The combination of the 4 drivers is key to get significant progress

TRANSPORT INITIATIVE PRINCIPLES

reboost
By AUTODISTRIBUTION





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Member Experience: Sustainability along the Value Chain



Benjamin Deloffre



ALLIANCE
AUTOMOTIVE GROUP

FAAS – AAG Sustainability

Several initiatives in place to reduce our carbon footprint

- **Last Mile reductions** by reallocating customers & route optimisation (*30%¹ of France emissions coming from Last Mile, with 22 million Kms driven in '24 -> Tool implemented in Iberia to reduce ~10-15% Km driven*)
- **Sustainable car fleet** (*e.g., integration of 134 low emission vehicles in France*)
- E-learning on **eco-driving** and **energy use in facilities**
- Use **renewable energy** (*e.g., In France, all the electric energy used is green energy, supplied by a 100% renewable electricity provider*)
- **Installing LED**. All new sites being installed with LED and EV chargers
- Initiatives on **biodiversity** at National DC's:
 - Installed beehives around our DC properties
 - Dedicated bat and bird houses. Birds help to control insect populations, while Bats help to reduce the numbers of bugs, decreasing the need for chemical pest control
 - Used sheep for natural grounds maintenance, reducing machinery and chemical use and lowering emissions

1. High level estimation

FAAS – AAG Sustainability

Back2Car

- Second Hand Part Business, with **5 specialized centers** in France
- ~**30k vehicles dismantled** and recycled in '25 (~**400k parts** in stock), with the goal of reaching over 40k vehicles by '30 (20-25% crashed cars)
- **Valorising and recycling an End-of-Life Vehicle (ELV) involves:**
 - **Material Valorisation:** Recovering valuable materials such as platinum, steel, ferrous metals, plastic, glass, etc. (5,150 tons of platinum annually)
 - **Energy Valorisation:** Using waste materials, including oils, as a means of energy production
 - **Reuse:** Retrieving automotive parts that maintain a similar function as new



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Coffee break We'll restart at 15.00

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Recap: Learnings from Remanufacturing Survey



Stijn Vervoort



Remanufacturing of automotive components in Europe

A value chain perspective



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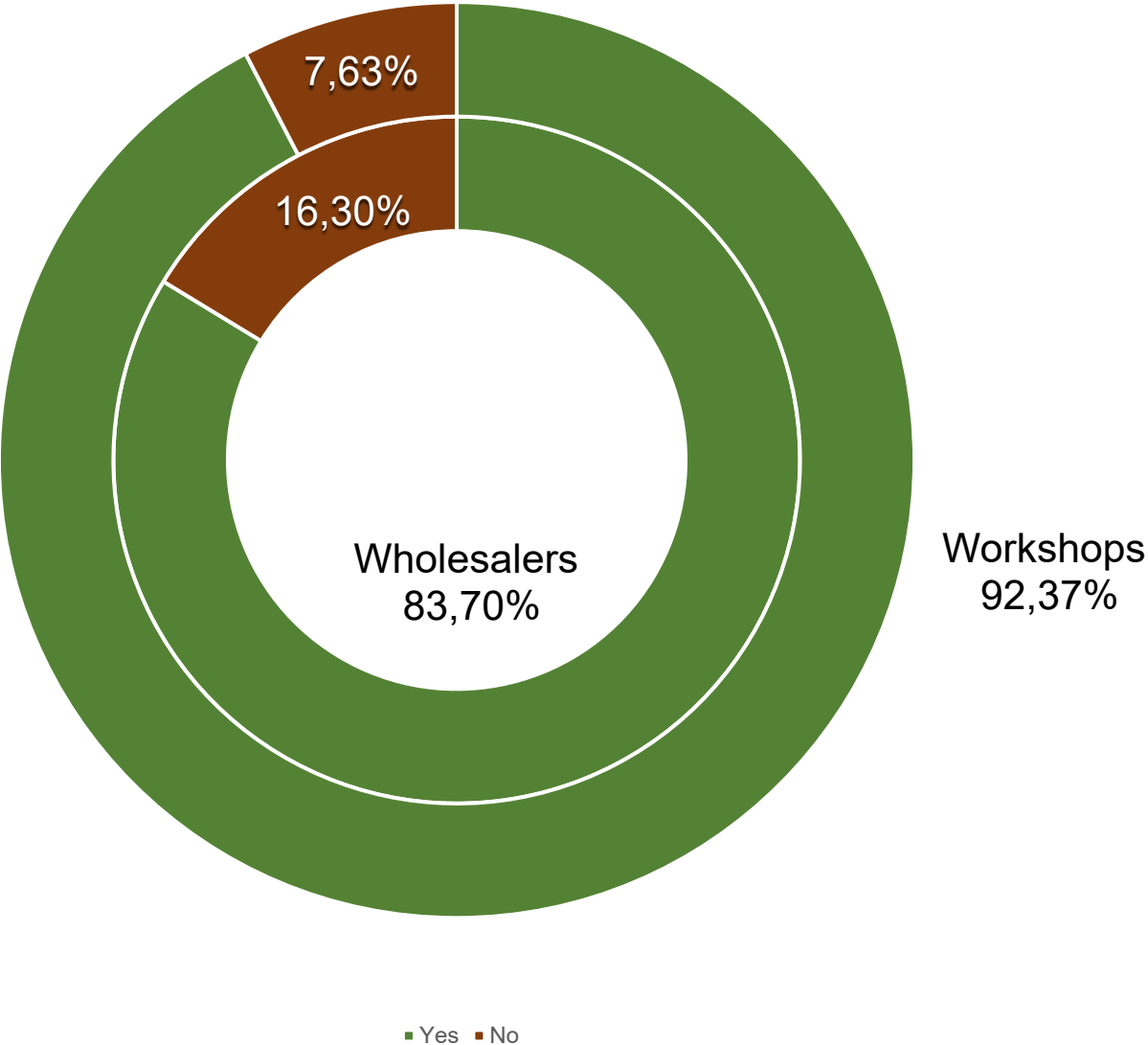


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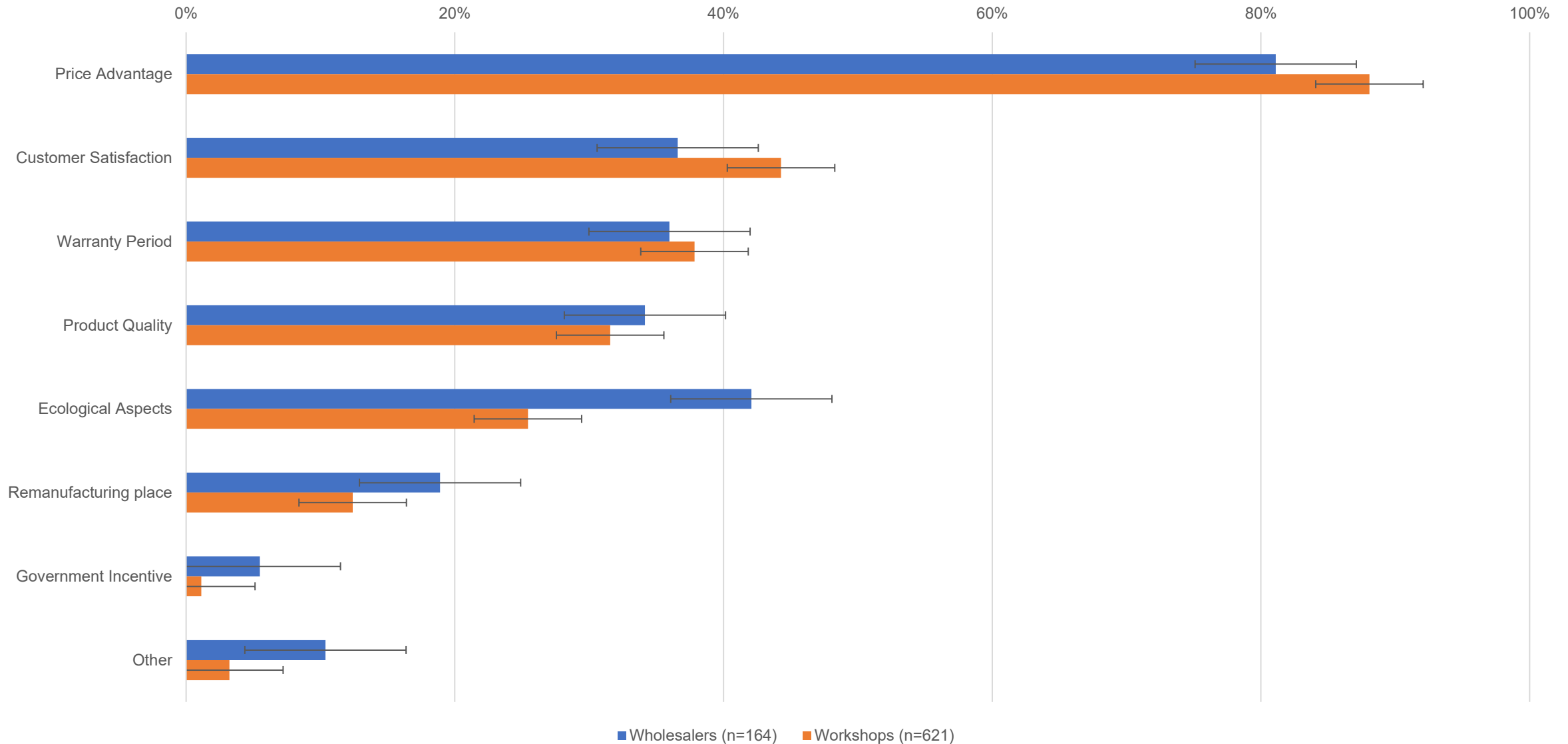
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Stijn Vervoort, September 2025

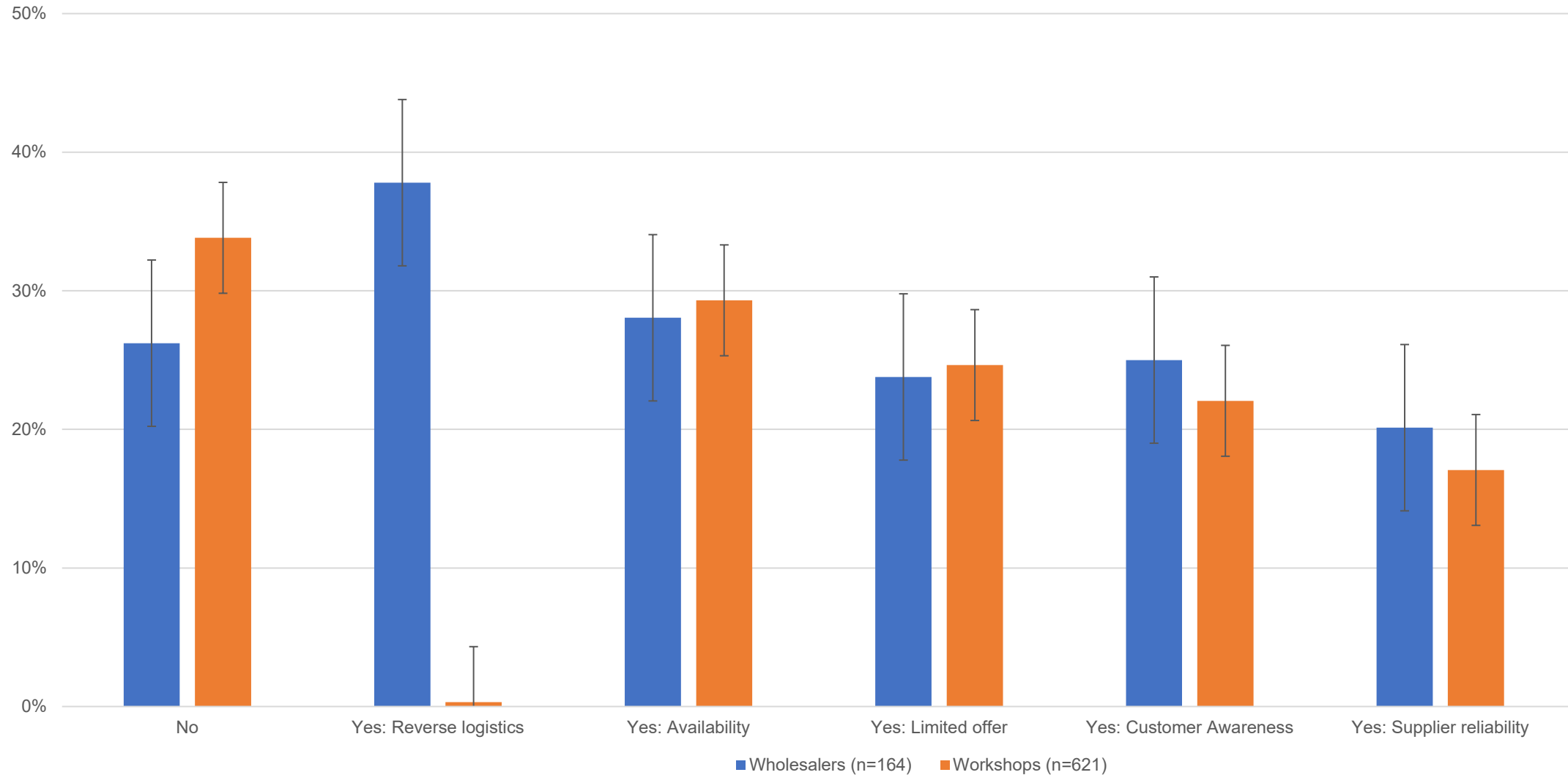
Do you currently offer remanufactured parts?



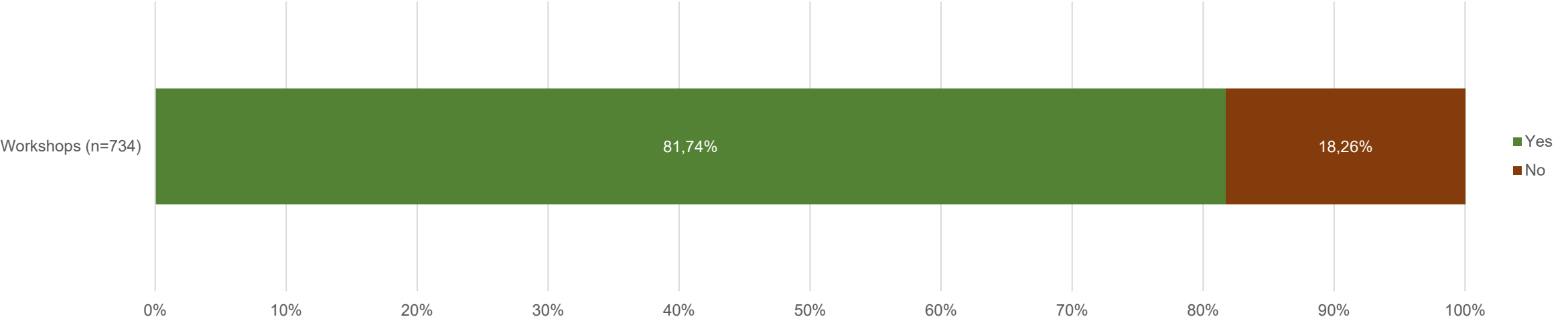
What are the most convincing benefits of choosing remanufactured parts?



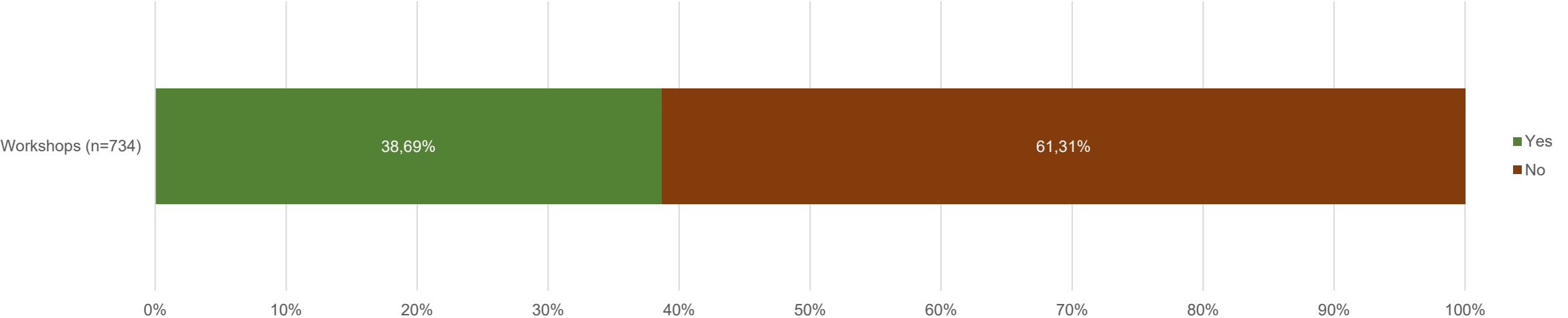
Do you face any challenges when selling remanufactured parts?



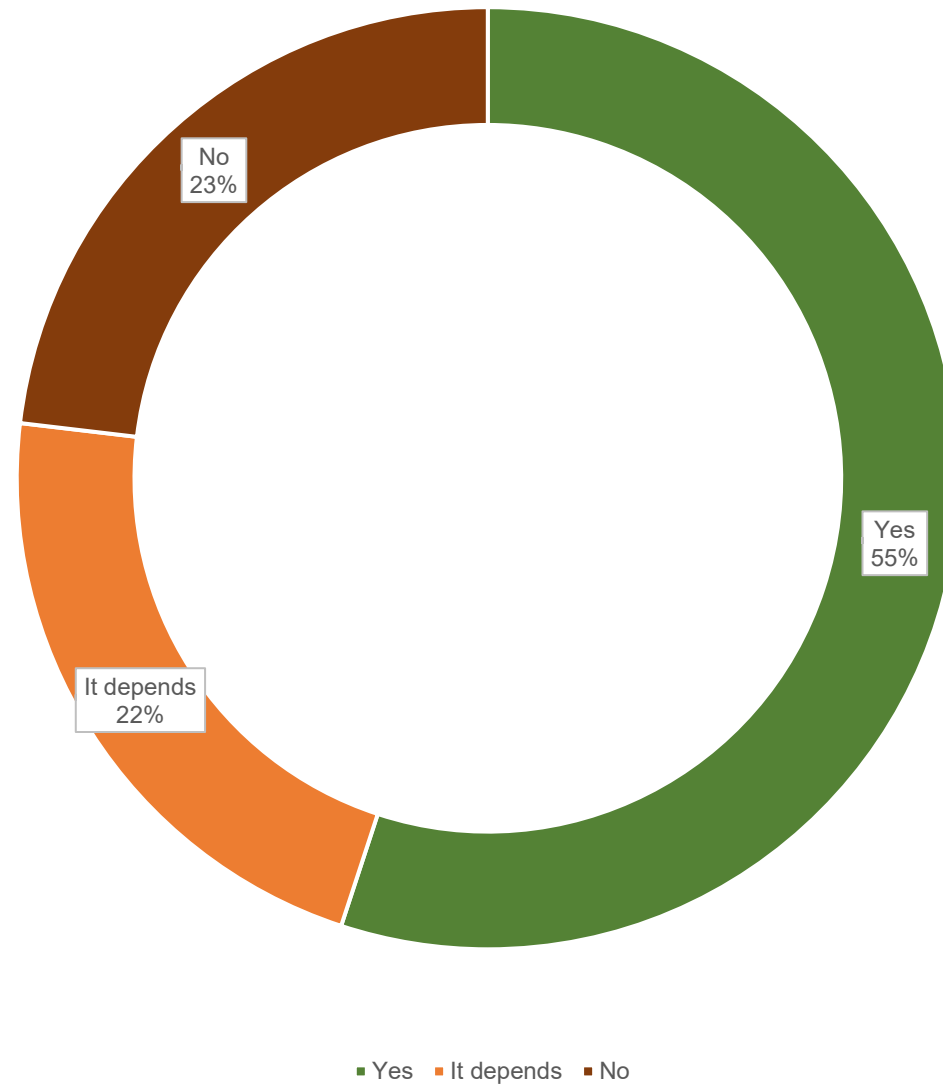
Do you think your customer is interested in the use of eco-friendly products?



Do you communicate remanufactured products as CO2-efficient alternatives?



Do you consider offering more remanufactured parts in the future? (n=843)



Remanufacturing of automotive components in Europe

A value chain perspective



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Stijn Vervoort, September 2025



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Panel: Circularity along the Value Chain



Thomas Meyer



KNORR-BREMSE



Mihaly Lieb



Jiří Hrubeš



Miguel Gavilanes





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**A special thanks
to our dedicated members!**



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Closing remarks



Louise Wohrne



Michael Boe





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See you next year
25-27 November 2026

Plant visit: tomorrow 08.00

Share your feedback



<https://www.surveymonkey.com/r/SustainabilityDay2025>

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