

Welcome to the Webinar series “PROs around the globe”

Making the Job of the PRO easier: Alliances, coalitions and an open-source EPR Registration Tool



We will start in a few minutes!

During the event, please:



Mute yourself



Be aware that the event will be recorded



Follow the chat for updates and use it to post questions



React by using the raise hand feature

Our Speakers



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Managing Director
EXPRA

Open-source EPR Registration System

Dorothee Bürkle

Webinar: Making the Job of the PRO easier: Alliances, coalitions and an open-source EPR Registration Tool, 11 Dez 2025

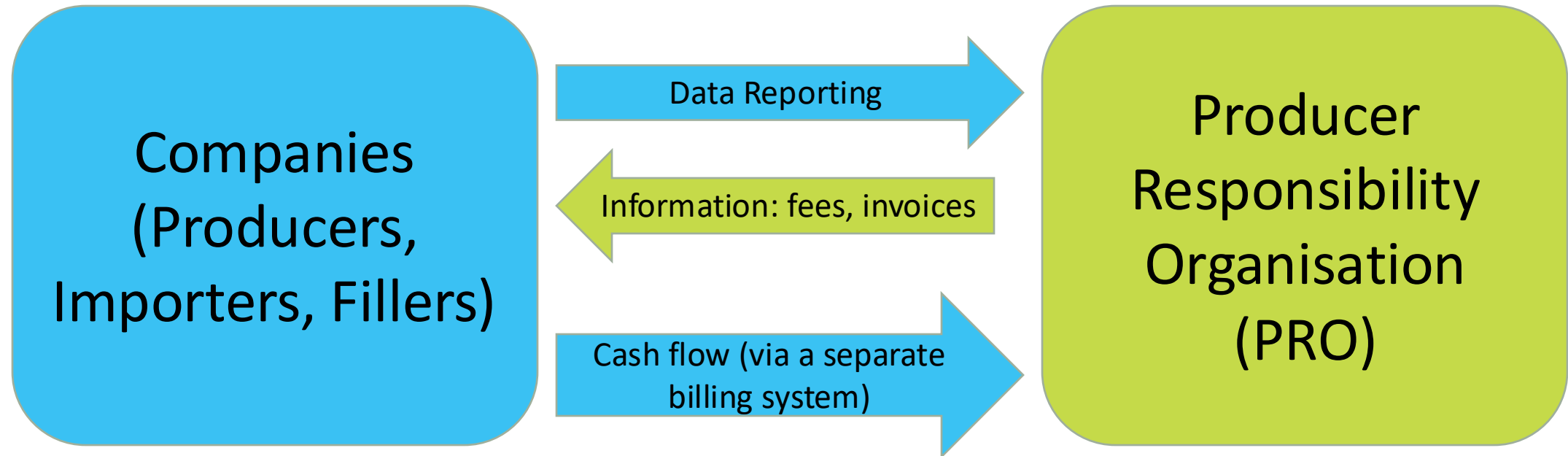


Why an EPR Registration System?

- Data is essential to implement and evaluate an EPR system
- Transparency regarding which companies participate in the system (prevention of freeriders)
- PROs receive up-to-date information about the amount of packaging material coming onto the market (material streams)
- PROs receive up-to-date information about the money flowing into the system (expected fees)

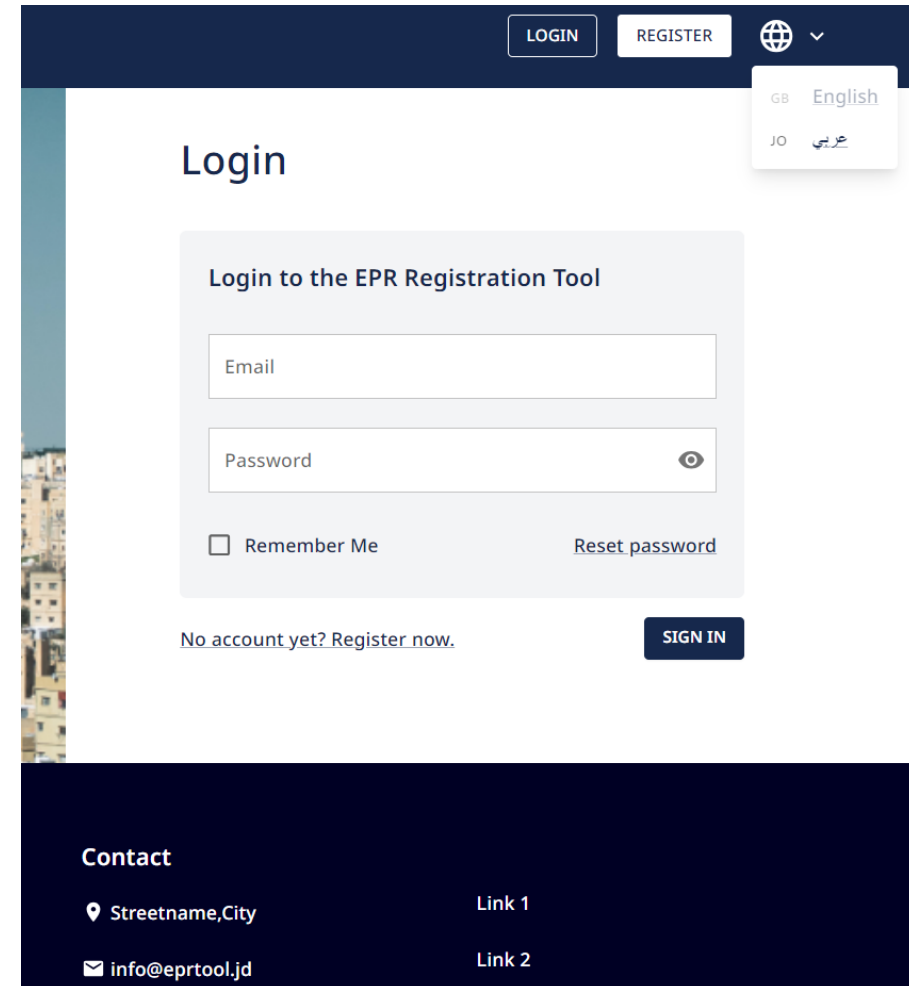


Open-source digital EPR Registration System



Open-source digital EPR Registration System

- developed for the EPR system in Jordan, together with the Jordanian stakeholders
- User-friendly registration and data upload
- Open-source tool
- Can and most likely has to be customised to the processes of the EPR system in your country (MIT hosting licence)
- Can be hosted server- or cloud-based
- Programming language (Python, Django Admins)
- Multiple languages are possible (version includes English and Arabic)



The screenshot shows the login interface of the EPR Registration Tool. At the top, there are 'LOGIN' and 'REGISTER' buttons, a globe icon, and a dropdown menu for language selection with options for 'English' (GB) and 'عربي' (JO). The main heading is 'Login'. Below it, a box titled 'Login to the EPR Registration Tool' contains an 'Email' input field, a 'Password' input field with a toggle eye icon, a 'Remember Me' checkbox, and a 'Reset password' link. A 'SIGN IN' button is located at the bottom right of the login box. Below the login box, there is a link: 'No account yet? Register now.' At the bottom of the page, there is a 'Contact' section with a location pin icon, a location field 'Streetname,City', and a 'Link 1' button. Below that, there is an email icon, the email address 'info@eprttool.jd', and a 'Link 2' button.



Open-source digital EPR Registration System

- All data is stored on one secure platform, source for reporting
- Various packaging groups and materials can be set in the backend
- Fee price changes can be easily entered into the system
- Demo videos:

[Frontend demo video](#)

[Backend demo video](#)

[Open Source EPR-Registration System for PROs - Global Action Partnership for EPR](#)

EPR Registration Tool

Site administration

ACCOUNT		
Users	+ Add	✎ Change
Notification settings	+ Add	✎ Change
COMPANY		
Companies	+ Add	✎ Change
DATA REPORT		
Data Reports	+ Add	✎ Change
PACKAGING		
Packaging groups	+ Add	✎ Change
Materials	+ Add	✎ Change
AXES		
Access attempts		✎ Change
Access logs		✎ Change
Access failures		✎ Change

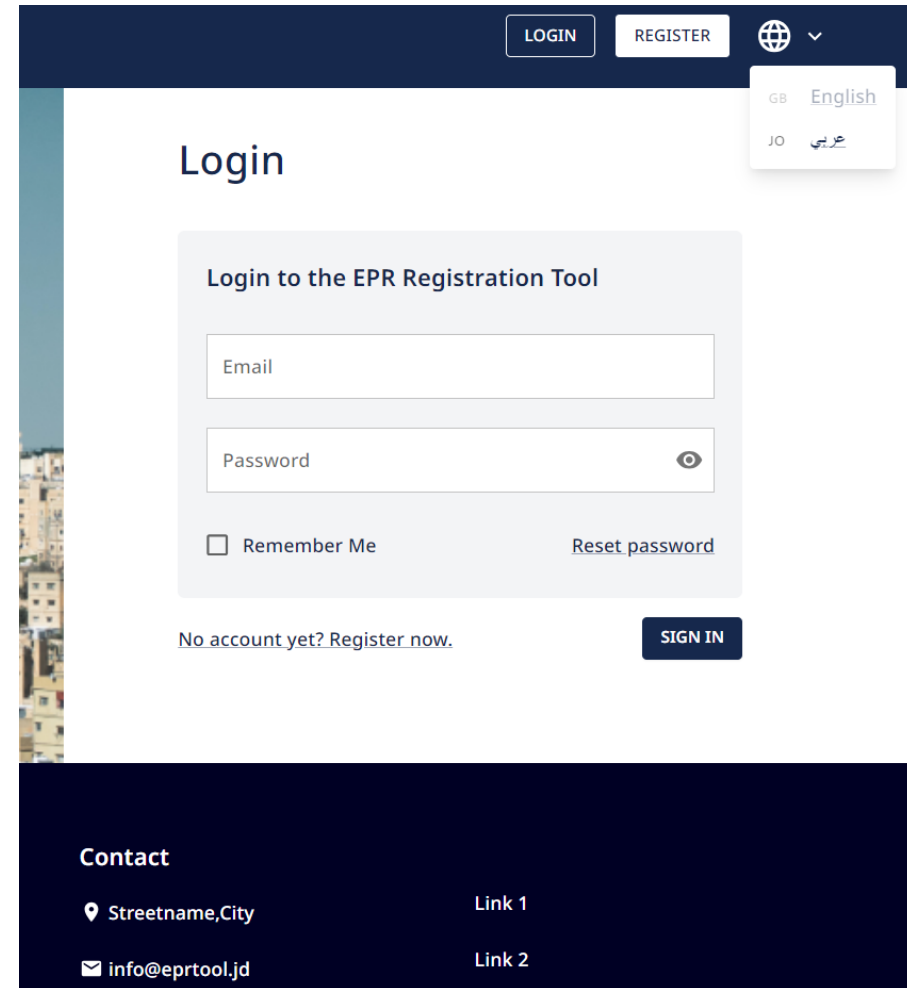


Open-source digital EPR Registration System

- You can register for the Demo-Version here:

[Welcome | EPR Registration Tool](#)

- Contact: Dorothee.Buerkle@giz.de



The screenshot shows the login interface of the EPR Registration Tool. At the top, there are buttons for 'LOGIN' and 'REGISTER', and a language selection dropdown menu with options for 'English' (GB) and 'عربي' (JO). The main heading is 'Login'. Below it, a form titled 'Login to the EPR Registration Tool' contains an 'Email' input field, a 'Password' input field with a toggle eye icon, a 'Remember Me' checkbox, and a 'Reset password' link. A 'SIGN IN' button is located at the bottom right of the form. Below the form, there is a link for 'No account yet? Register now.' The footer contains contact information: 'Contact', 'Streetname,City' with a location pin icon, 'info@eprttool.jd' with an email icon, 'Link 1', and 'Link 2'.

THANK YOU FOR YOUR ATTENTION



On behalf of:



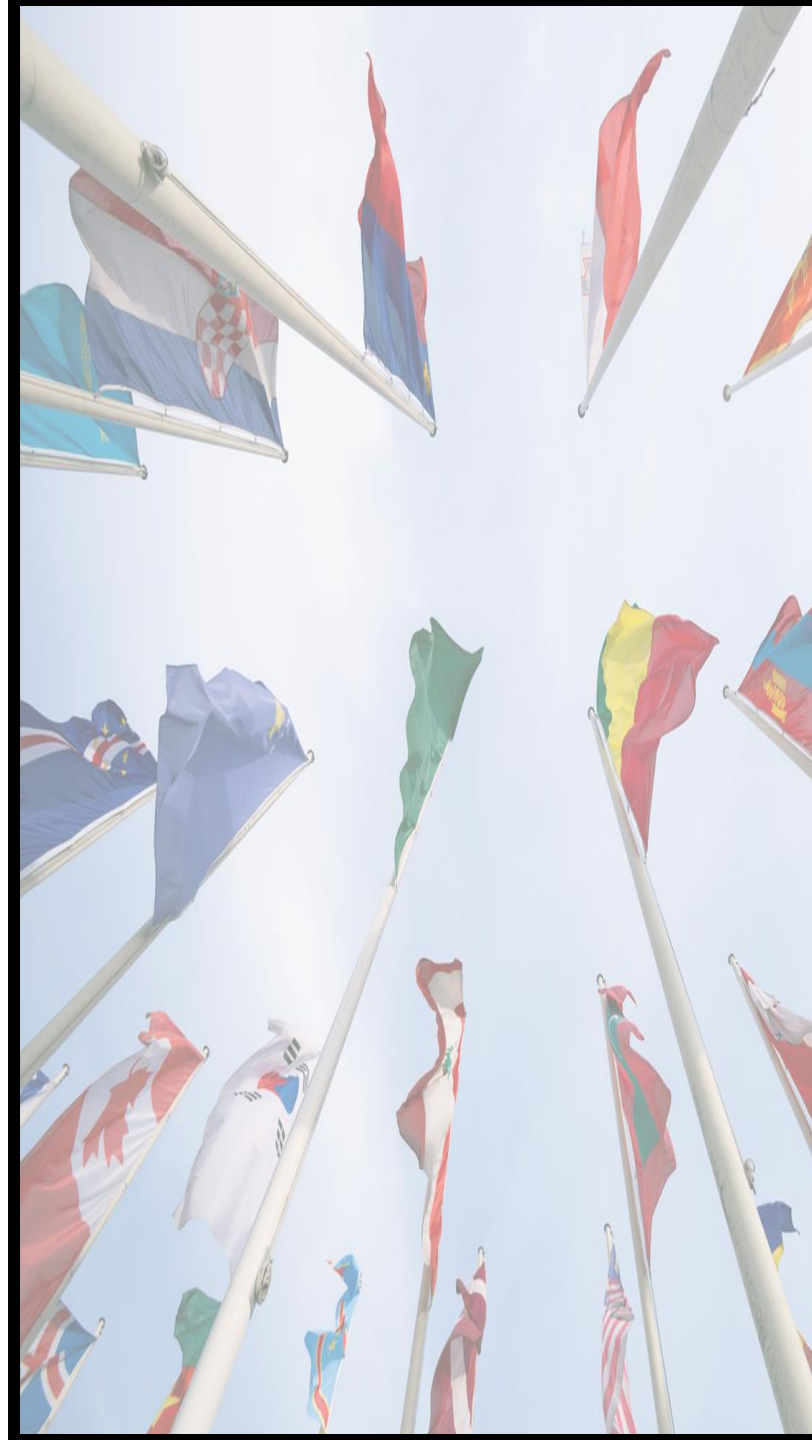
Federal Ministry
for the Environment, Nature Conservation,
Nuclear Safety and Consumer Protection

of the Federal Republic of Germany



**PRODUCER
RESPONSIBILITY
COALITION**

An international coalition of
**Producer Responsibility
Organisations**
for the future Treaty on plastic pollution



The Producer Responsibility Coalition

What ?

An international coalition of **Producer Responsibility Organisations (PROs)**

- Created in **november 2022** as part of the negotiations for an international Treaty on plastic pollution

Why ?

Advocate for ambitious and adequate **inclusion of EPR in the future plastic treaty**

- Added value: **speak as a PRO**



Who are the members ?

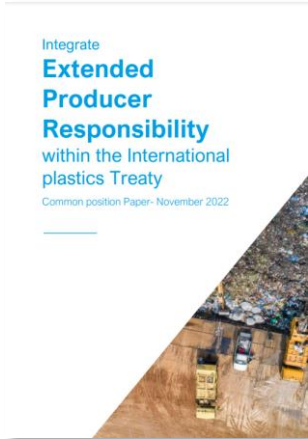
50 PROs from all continents

- EU, India, Canada, South Africa, Kenya, Australia, Chile, etc.
- Representation of **various national contexts**

How does it work?

- Internal exchanges on best practices and national cases
- Publication and sharing of **common positions**
- Meetings with key **stakeholders** (negotiators, observers, NGOs)

From the first steps into the international discussions...



INC-1

- First session of negotiations in Punta del Este (Uruguay)
- **A common position on EPR:** an unprecedented alignment of PROs



November 2022



INC-2

Second position paper on EPR issues within the Treaty:

- Which EPR for which legal architecture of the Treaty?
- What level of state control?
- What economic opportunities?
- What role for the informal sector within EPR scheme ?

First public interventions and dedicated events by Citeo



May 2023

...to an extended, sustainable and identified coalition on EPR



INC-3

- Exchanges with the negotiators
- **EPR explanation** : between interest and misunderstanding
- Meetings **with local EPR and waste management stakeholders** - understanding the challenges in developing countries



November 2023

INC-4

Third position paper on EPR :

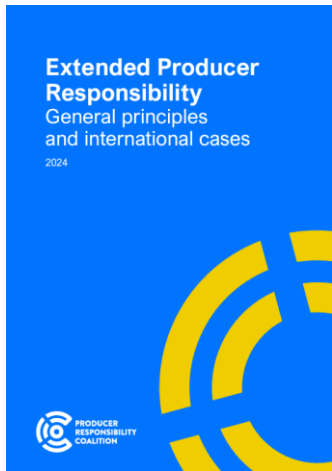
- Part one: EPR principles (definition, government control, financing, accountability and traceability)
- Part two: 15 examples of EPR implementation and PROs activities and results

Extension **to a dozen new international PROs** (Canada, Chile, Peru, Kenya, South Africa, Philippines, India, Australia)

- Presentations at events and meetings with several delegations



April 2024



Outcomes of the last session in South Korea



INC-5

Negotiations fail due to strong and fundamental divergences between ambitious and like-minded countries

- Mention of EPR in the new non-paper on **the waste management** article and **on financing**
- Date and venue of **INC 5.2** to be determined
- **Conclusion** of the negotiations?



November 2023



INC-5.2



Achievements and upcoming issues for the coalition



Already done

- Respond to a gap: **the lack of knowledge and the confusion** about EPR by presenting the diversity of its activities and contributions
- Align **50 PROs worldwide on common positions** and create a **platform for exchanges**
- **Strategic meetings** with negotiators and observers
- Build a **network with other negotiations stakeholders** :



Topics to consider

- Strategic adaptation to the current blockage of negotiations
- Sustain the coalition's work for the **implementation of the Treaty**
- Open to **new subjects, forums and members**

More information on the Producer Responsibility Coalition



Contact person :

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+ 33 6 22 05 42 88

Find here our last position
on EPR :



PROs around the Globe | Making the Job of the PRO Easier: Alliances, Coalitions and an Open-source EPR Registration Tool: EXPRA

Joachim QUODEN
Managing Director of EXPRA



PROs
around the globe

October 30 - December 11, 2024

PROs around the Globe Webinar Series

This six-part series will discuss the responsibilities of Producer Responsibility Organisations and their structure, set-up, and processes in their country-specific context.

Founded in 2013

34

MEMBERS & Partners

all industry-owned, non-profit

over **HAVE**
30
YEARS

of experience and
expertise in the
waste management
field

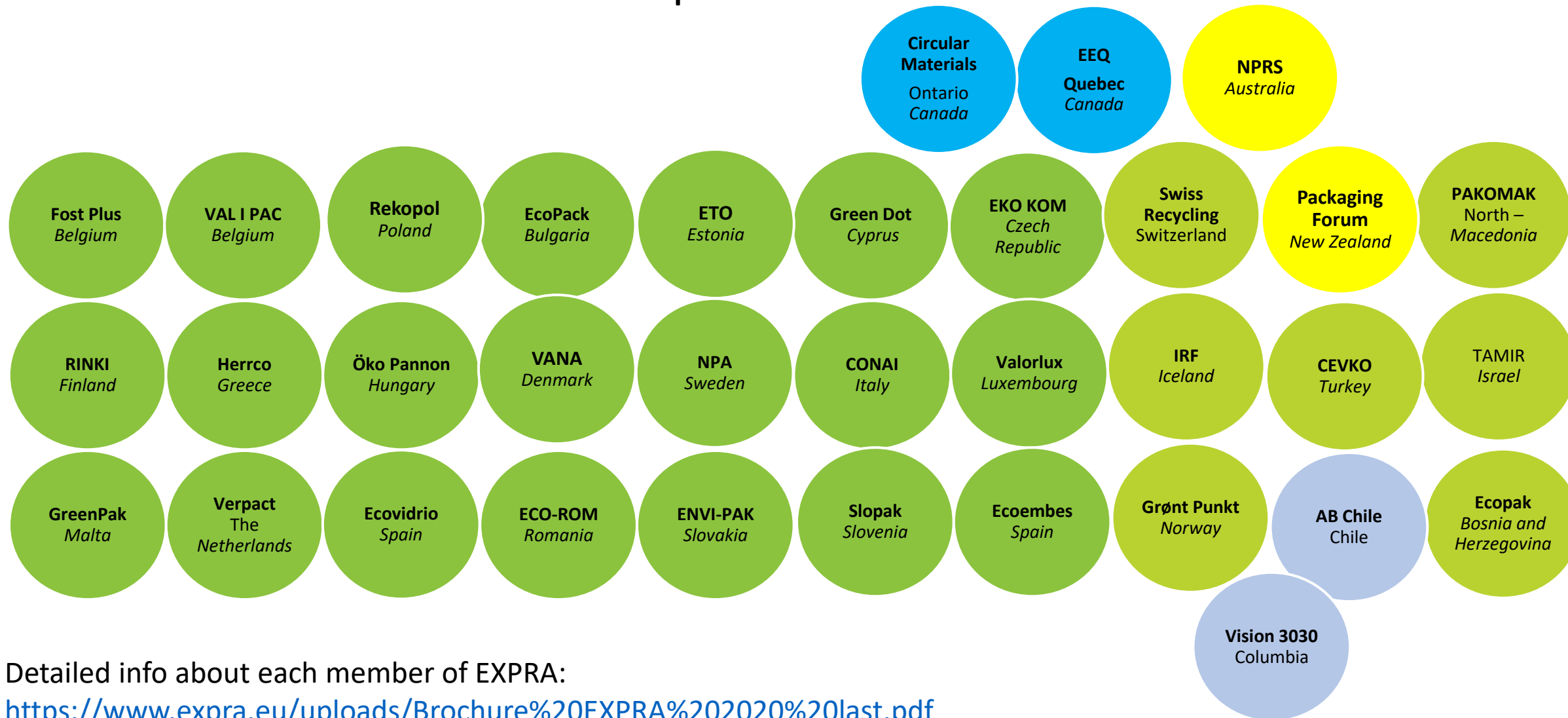
of over **ENSURE RECYCLING AND RECOVERY**
22 of packaging every year at
the moment
MILLION TONNES

over **PROVIDE**
250
MILLION
PEOPLE

with packaging
collection, sorting
and recycling
infrastructure

EXPRA
in a nutshell

Our Members – 34 non-profit Members and Partners



Detailed info about each member of EXPRA:

<https://www.expra.eu/uploads/Brochure%20EXPRA%202020%20last.pdf>

EXPRA BOARD MEMBERS



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Valorlux



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CYPRUS
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CZECH REPUBLIC
EKO-KOM
Zbynek Kzel



DENMARK
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ESTONIA
ETO
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Filip Ivanovski



MALTA
GreenPak
Mario Schembri



NETHERLANDS
Nedvang
Hester Klein Lankhorst



NEW ZEALAND
The Packaging Forum
Lyn Mayes



NORWAY
Grnt Punkt
Jaana Reine



POLAND
Rekopol
Jakub Tyczkowski



ROMANIA
ECO-ROMAmbalaje
Bogdan Ureché



SLOVAKIA
ENVI-PAK
Hana Novakova



SLOVENIA
Slopak
Srečko Bukovec



SPAIN
Ecovidrio
José Manuel Nuñez-Lagos



SPAIN
Ecoembes
Rosa Trigo Fernández



SWITZERLAND
Swiss Recycling
Rahel Ostgen



SWEDEN
FTI
Helena Nylien



TURKEY
CEVKO
Mete Imer



EXPRA
Enabling sustainable (circular & carbon optimized) packaging
via optimum EPR

**KNOWLEDGE
EXCHANGE HUB**



For our sector

**SUSTAINABILITY
ADVOCATE**



For our eco-system

**JOINT EPR
SERVICES**



For our members

Our strengths



Representing more than
30 countries worldwide



Industry expert with the
willingness to share



Non-profit Packaging
EPR systems

Knowledge Base for our members



[HOME](#) [CLUSTERING](#) [PERFORMANCE](#) [TINS](#) [EXPRA ARCHIVES](#) 

EXPRA 2.0

EXPRA Members Knowledge Base

MEMBERS
DETAILS

MEMBERS
CLUSTERING

MEMBERS
PERFORMANCE

TIN &
TASK FORCES

EXPRA ARCHIVES

MANAGEMENT
REPORTS/GA/BOARD



EXPRA TINs (Technical Information Networks)

Regulatory
Affairs

Technical
Matters

Sustainability

Data &
Reporting

Communi-
cation

DRS &
DDRS

Legal
Matters

Developing knowledge Papers



30 YEARS OF OPTIMUM EPR: HOW TO MAKE THE BEST OUT OF IT



**EXPra - EXTENDED PRODUCER
RESPONSIBILITY ALLIANCE**

**JOACHIM QUODEN, MONIKA ROMENSKA,
VALERIA BRANCA**

<https://expra.eu/wp-content/uploads/2024/10/30-YEARS-OF-OPTIMUM-EPR-HOW-TO-MAKE-THE-BEST-OUT-OF-IT-4.pdf>

EXPRA: International Approach but regional focus

Balkan Cluster

Eco Pack / Eco Rom / EKO KOM /
Öko Pannon / SLOPAK /
PAKOMAK / Eco Pak / HERRCO /
GDC / CEVKO and friends



Nordic Cluster

IRF / GDN / VANA / NPA / RINKI

A possible future:
Further Clusters?

Believing in Cooperation



EU PACKAGING CHAIN FORUM



Extended
Producer
Responsibility
Alliance



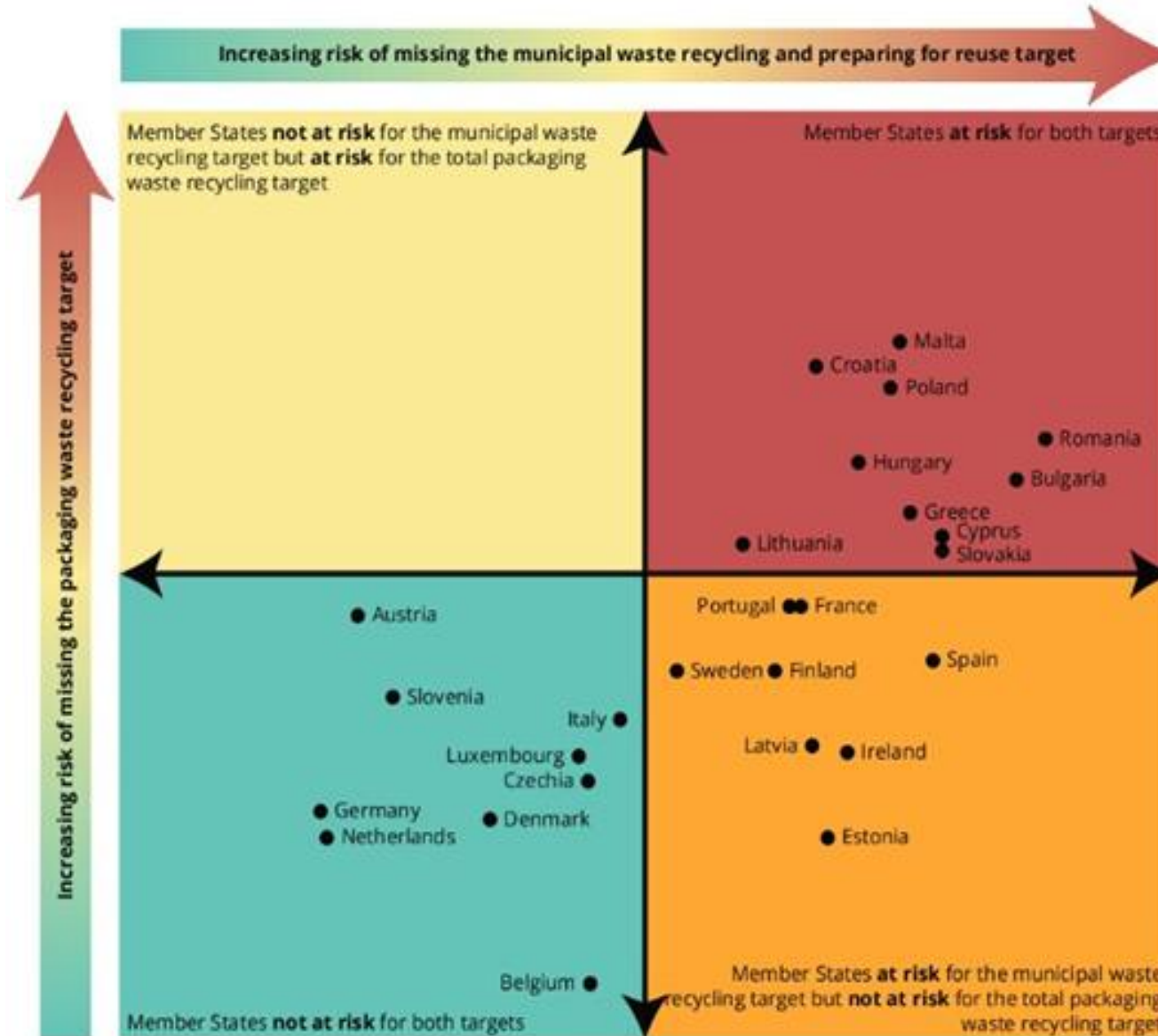
Close the
Glass Loop



Analyzing EPR for packaging: One concept - several ways of implementation (Europe)

EPR System mainly in hands of obliged industry (BE, ES, IT, NL, NO, CZ, FR, IE, LU)	Competing PROs (DE, AT, PT, LT, SV, SK, PL, RO, BG, EE)	'Tradable Credits' Model with several traders (UK)	Several PRO's sharing collection infrastructure (DE, AT)	PROs acting in different areas (BG)
Operational responsibility fully with local authorities (FR, NL, CZ, FI)	Collection (and partly sorting) with local authorities (ES, IT, LX, SE)	EPR system in parallel to a deposit system (DE, NO, SE, FI, EE, LT)	One comprehensive system for all household packaging (e.g. BE, FR, ES, IT)	EPR for commercial packaging just introduced (DE, FR, ES)
Same rules for all packaging (e.g. IT, CZ, SK, RO)	Dual system approach (e.g. DE, AT, EE, BG)	(Still) Shared cost approach (e.g. Slov, Pl, FR)	Incentive cost approach (UK)	Obliged entity are fillers (and importers) (e.g. DE, AT, SE, Turkey)
Packaging Tax / State Run PRO (e.g. HU, Croatia, Turkey / UK coming)	Obliged entity is the packaging producer (and the importers) (IT)	Obliged entity is the whole value chain by percentages (UK)	Special EPR system(s) for commercial packaging (e.g. BE, AT)	

Early Warning Report: The reality in the EU

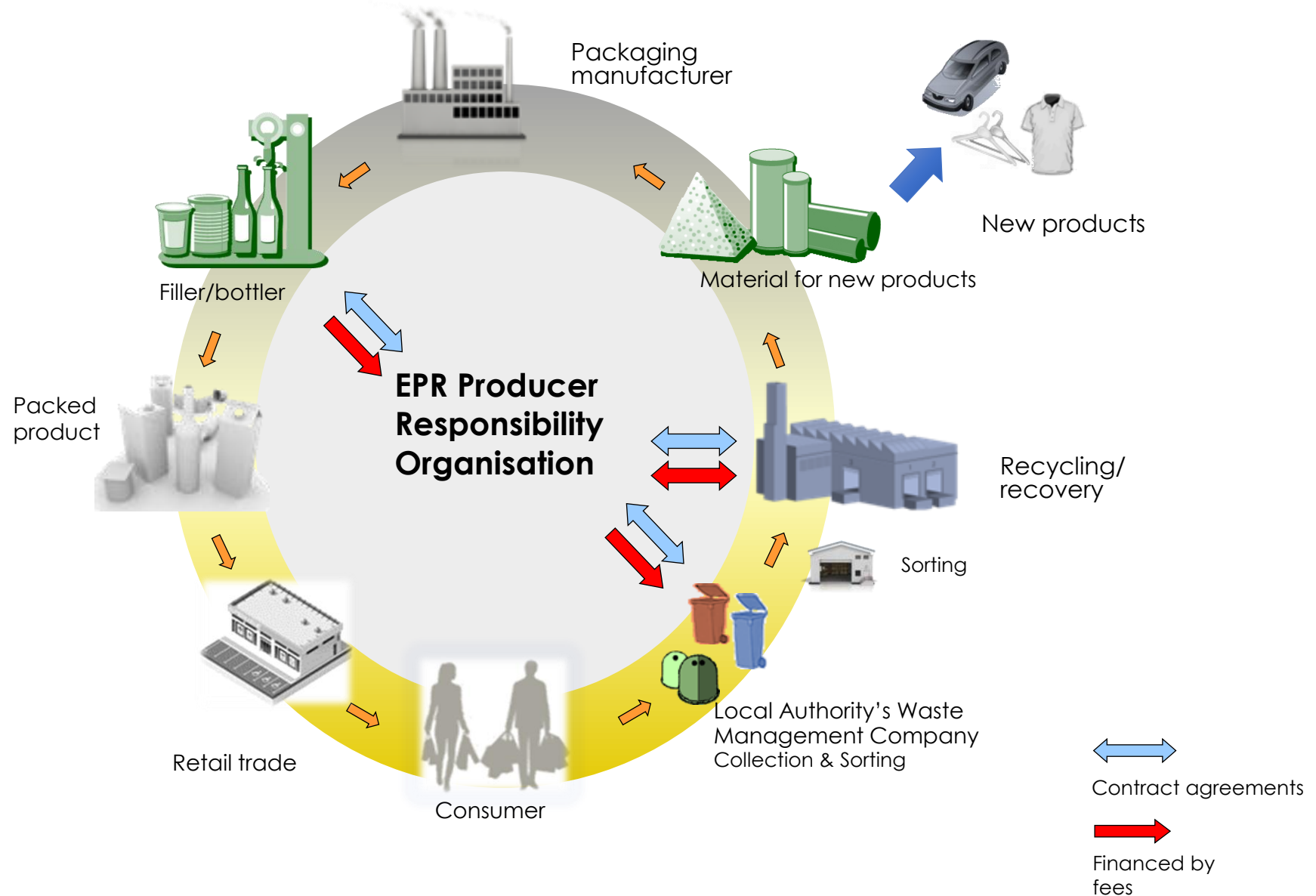


Conclusions from the current performance

- Most countries will have big challenges to fulfil the recycling targets
- It is still not clear whether all Member States apply the new measurement point (in the right way) – EUROSTAT is now examining but because of the Plastic Own Resource Tax
- DRS for one way beverage containers is not the „easy“ solution to fulfil the plastic recycling targets - Many countries with DRS still fail the plastic targets
- Convenient collection infrastructure for our inhabitants is the key to fulfil all relevant targets
- This includes collection at home but also collection out of home including at work + in HORECA!
- Close and trustful cooperation with municipalities seems one of the key success stories
- **Successful EPR systems have a grip on the operational parts of the system**
- Sorting (and marketing) seems more the competence of industry than authorities
- **Strong enforcement and oversight by the government is key to avoid free riding and fraud**
- Competition amongst PROs should not lead to divided infrastructure, different messages to the public, looking for loopholes instead of looking for solutions etc
- Opposite, even in competition PROs have to ensure and promote a fair level playing field, cooperate on joint interests like compliance of companies, transparency, work with local authorities and government, joint messages and action towards inhabitants etc

Designing EPR / PRO to enable a circular economy for packaging

Operational
AND financial
responsibility



EPR as a solution – Golden Rules

Key principles that EPR should follow:

- a) A clear separation of roles and responsibilities of all relevant actors involved;
- b) Ownership of the EPR limited to the **obliged Producers** and packaging value chain; no conflict of interests
- c) Not-for-profit set-up;
- d) Measurable waste management targets;
- e) Reporting obligations of all actors of the packaging life cycle;
- f) Equal treatment of producers of products regardless of their origin or size;
- g) Information to and education of consumers; able to take an informed decision
- h) EPR transparency on money and material flows;
- i) Cost coverage, to reflect the end-of-life costs of its products;
- j) Cost efficiency, if third parties receive funding scope and performance has to be defined clearly; tender procedures if possible
- k) Fee modulation, reflecting the **net costs** of a packaging, taking into consideration the packaging' **recyclability** in a second step;
- l) Monitoring and enforcement by government and authorities



CO2 emission savings

Savings in CO2 eq emissions due to recycling and recovery of packaging waste is equal to 0,7%-1% of carbon footprint of EU-27

Eurostat estimates that the total carbon footprint of EU-27 was equal to 6.8 tonnes of CO2 per person in 2019.

https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Greenhouse_gas_emission_statistics_-_carbon_footprints

The CO2 eq saving per inhabitant achieved by recycling and using packaging waste is comparable to the average production of CO2 emissions of each passenger car over the distance 400-600 km

Average emissions from new passenger cars registered in Europe in 2020 - 107.5 gCO2/km

<https://www.eea.europa.eu/ims/co2-performance-of-new-passenger>

Still great potential when increasing collection, sorting and recycling, especially for plastics!

Technological improvements possible

New recycling processes

an estimated **45** KG of CO₂ per inhabitant per year
SAVING minimum

Scenarios in the EXPRA Study	Savings of CO2 eq	
	kg/i nh	mil. t/year
Scenario 1	70,2	16,3
Scenario 2	65,6	15,2
Scenario 3	56,4	13,1
Scenario 4* - the lowest assumption 80% of Sc. 3	45,1	10,4



THANK YOU!
Your EXPRA Team

Joachim Quoden – www.quoden.com



Profession:

10/92 – 01/93

02/93 – 06/06

10/00 – 02/13

01/18 – 12/21

01/00 – ...

04/13 -

10/13 -

04/15 -

06/18 –

09/18 –

06/19 -

07/20 -

Independent Lawyer since 1995

German Ministry of Environment, EPR department

German Green Dot scheme **DSD**, i.e. Syndicus + Head of International Affairs

Secretary General respective Managing Director of **PRO EUROPE**

Member of the **EC Expert Group** on Circular Economy Financing

Member of the **OECD** expert group on EPR

Managing Director of EXPRA

Chair / Co-chair of **ISWA** WG Governance & Legal Issues & Member of ISWA STC

Member of the **Product Stewardship Institute** Advisory Panel (Boston, US)

Board Member of the **CEFLEX** project

Board Member of the **Close the Glass Loop** project

Chair of the **ISWA EU Group**

Member of the Leadership Team of the **HolyGrail 2.0** project

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Alliance

Let's explore further needs & interest in exchange

- Do you receive sufficient information / contacts through your networks?
- Do you require further information? And if yes, on which topics?
- Would you be interested in participating in a peer-to-peer programme / mentorship programme?
- Do you dispose over in-depth expertise, and are you interested to share my/our knowledge with peers?

Thank you for participating in the webinar series *PROs around the Globe*

Are you an employee of a (future) PRO and would like continue the exchange? Please share your thoughts with us in the following survey:

<https://www.askallo.com/tx4idtiy/survey.html>



Thank you for your attention!

Connect with us on:



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[Homepage | Knowledge Hub for Green Technologies](#)

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