



# Petcore Europe Presentation 2023

[www.petcore-europe.org](http://www.petcore-europe.org)



# Petcore Europe

**Collaboration accross the PET value chain for an  
increased Circularity since 1993**





## Creation 1993



Minutes of the First Meeting of the PETCORE Board, December 1st 1993,  
Sheraton Airport Hotel, Brussels.

Present

E. Berci	Inca
P.J. Bruce	ICI
R.A. Crawshaw	Shell
R. Enter	AKZO
P. Geluk	Eastman
G. Kleimenhagen	EAPC
M. Matteoli	Johnson Controls
M. Rodriguez	Continental PET
J. Sami	Eastman
H-J. Otto	Hoechst

V. Matthews, Secretary and Mrs N Russotto of APME.

H. P.M. van Hassel of Constar apologised for not being able to attend.

## Publications

Design for recycling  
( in English/F/G/I/Sp)

Nov 1993

PETCORE Launch

Dec 1993  
( Press R for Jan 10th 1994)

PETCORE Brochure

Jan 1994?

PETCORE Recycling options

Jan 1994?

PETCORE Specifications

Feb 1994?

- Ensure the **entire PET value chain** is well **aligned**.
- **Represent** the **PET industry** at the EU institutions and other stakeholders
- Ensure that **PET is positioned** as an outstanding packaging material and recognized as circular
- Support and validate **innovative solutions** from a circular perspective
- Work with all interested parties to ensure a **continuous increase** of **PET post-consumer collection/sorting/recycling**



## About Petcore Europe

- > 150 members
- 400 companies
- 500 sites across Europe,
- 27'000 Employees
- 4,5 million tonnes
- 15 billion Turnover
- > 150 PET recyclers
- About 100 food contact rPET units



**More than** 2 million tons were collected in 2020, representing **61%** of bottles placed on the EU market.





## 9 Associations:

# Petcore Europe Membership

---

- **PET Europe**: represents 100% of European PET manufacturers - 9 companies – 3.5 mt installed capacity - 5 bn € turnover
- **EuPC**: represents 46 National and European associations - 50'000 companies – 500mn tons - 260 bn €
- **Forum PET Europe**: primarily represents the PET bottle associations in France (Elipso) and Germany (IK)
- **PRE**: Plastics Recyclers in Europe - 500 companies – 6,6mt installed capacity - 3 bn € turnover
- **FINAT**: European association for the self-adhesive label industry
- **AMAPLAST**: Italian plastics and rubber processing machinery and moulds manufacturers' Association
- **RECOUP**: Registered charity and not-for-profit organization to promote, develop, stimulate and increase the levels of plastics recycling within the UK
- **BOPET Films Europe**: the association representing BOPET film producers in the European market
- **UNESDA**: Brussels based association representing corporates & national soft drinks associations

# Petcore Europe: the whole EU PET Value Chain



UNEP's mission is to inspire, inform, and enable nations and peoples to improve their quality of life without compromising that of future generations.

8 Associations 165 Companies



**Sleeves and labels**

- Avery Dennison
- All4Labels
- CCL Label
- Finat
- Fuji Seal Europe
- Multi-Color Corporation
- Sleeve International
- UPM Raflatac

**Masterbatches & additives**

- Clariant
- ColorMatrix
- Holland Colours
- MacDermid
- Penn Color
- Point Plastic
- SI Group
- Sukano

**Machinery Producers**

- AMAPLAS, Bandera,
- Erema, Folcieri,,
- Gneuss,Husky, NGR,
- Pellenc ST, Polymetrix,
- Sesotec, SIPA, Sorema,
- Starlinger, TOMRA,
- Uhde Inventa-
- Fischer, Krones,
- Extricom Extrusion GmbH

Axens, BASF, BP, CARBIOS, CURE, Doloop, Eastman, Evonik, Garbo, FORMAS PACK, IFP, Ionika, Loop Industries, MGC (Mitsubishi), M&G, Perstorp, Poseidon Plastics, PET Planet, Rittec, Sibur, SK Chemicals, Toyota Tsusho

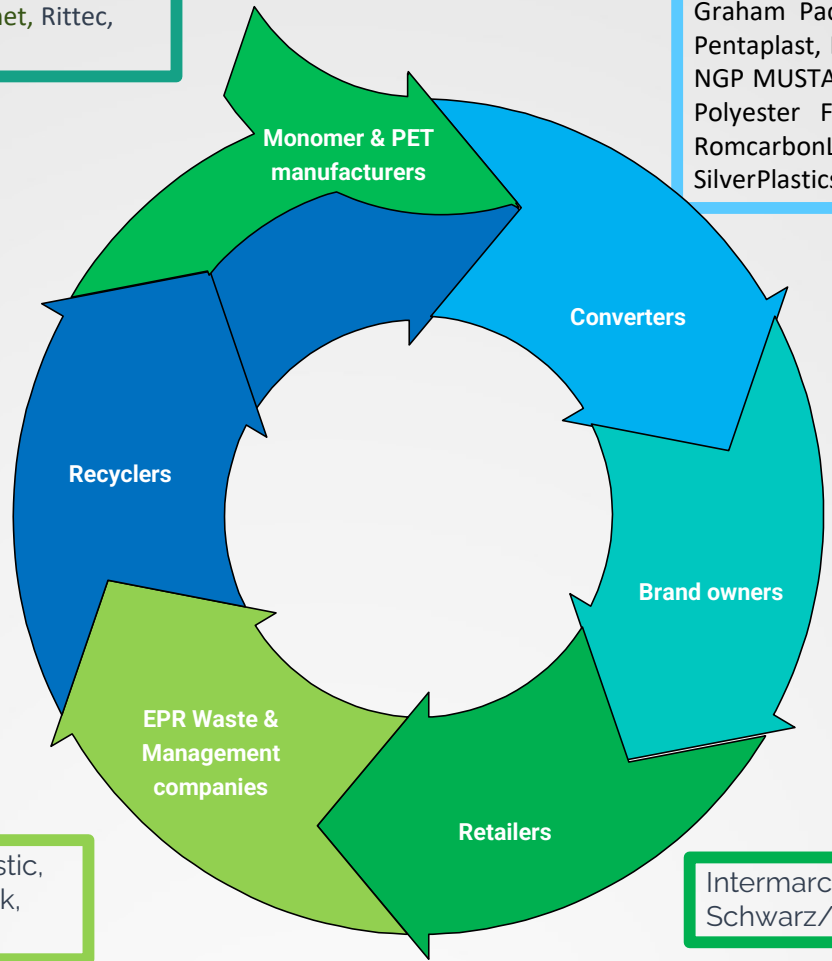
AMB Packaging, Aristeia, Arcoplastica, Benzaplastic, COEXPAN, Covinil, Teijin Films, Dow DuPont, Envalia, EuPC, Ekorec, Eukoplast, Eurocast, Evertis, FAERCH Plast, Forum PET Europe, Fucinefilm, Formas Pack, Galavanotek, Graham Packaging, Guillin Emballages, Indesla, Klöckner Pentaplast, Lietpack, Logoplaste, Merbaplastic, Mitsubishi, NGP MUSTAD PACKAGING SM SA, Omnifol, Pinaform, S.L., Polyester Films, Plastipak, Polyplex, RETAL Industries, RomcarbonLivingJumbo, Sealed Air, Sidel, Sirap, SilverPlastics, Sodesa, SRF Limited, SZP, TPL

Alpla, Cier, Dentis, Envalia, Evertis, Faerch, Fantastic Plastic, GreenTech, Montello, Novelplast, PET Baltija, Plastipak, PRE, Remondis, Wellman, Schwarz/Lidl Suez, Umincorp

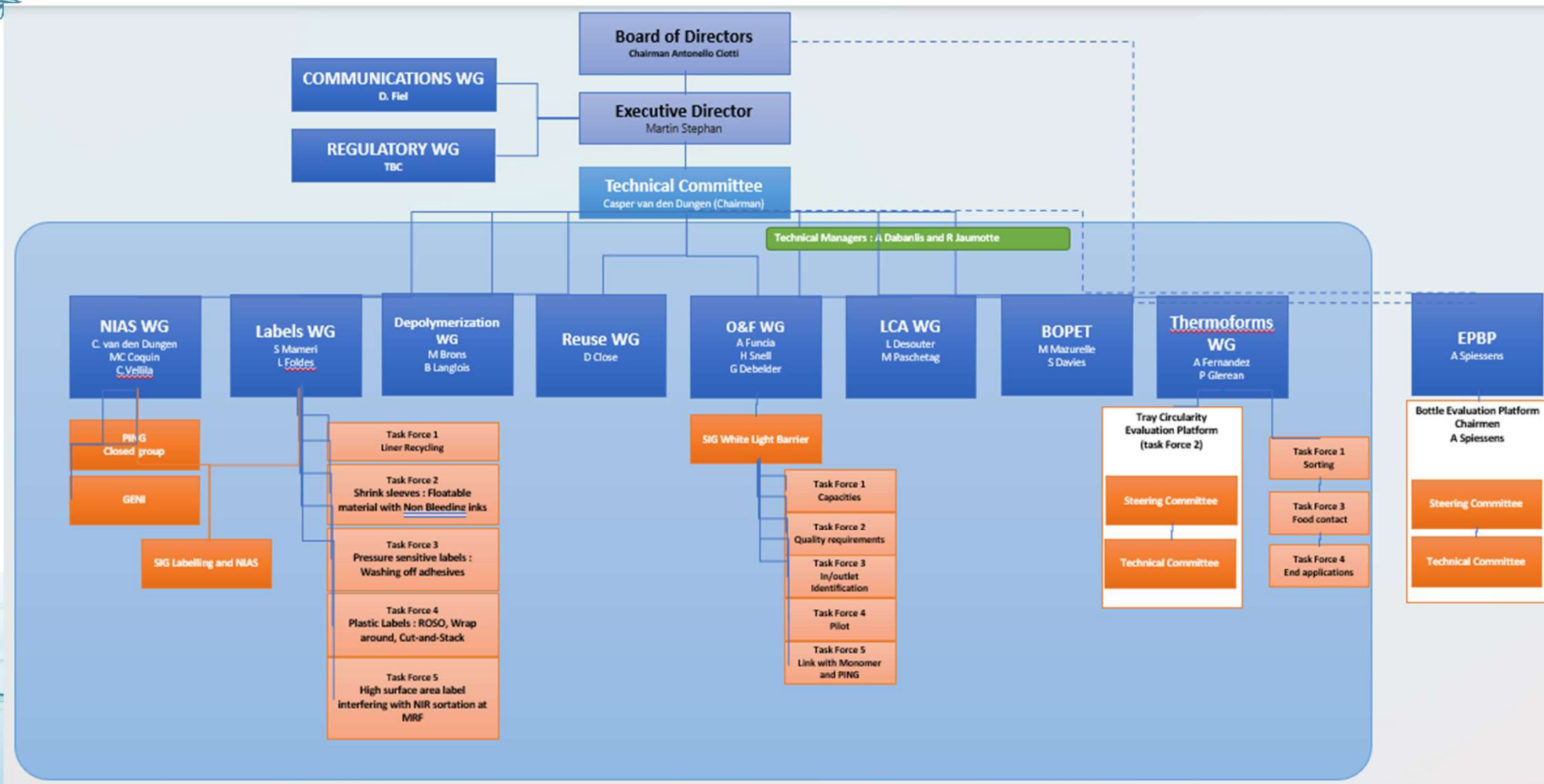
Coca-Cola, Danone, Henkel, Kraft Heinz, LSDH, L'Oréal, P&G, PepsiCo, Spadel, Suntory

Citeo, Corepla, Fantastic Plastic, Hordijk, Remondis, Returpack, SUEZ, Valorplast

Intermarché - Les Mousquetaires, Schwarz/Lidl

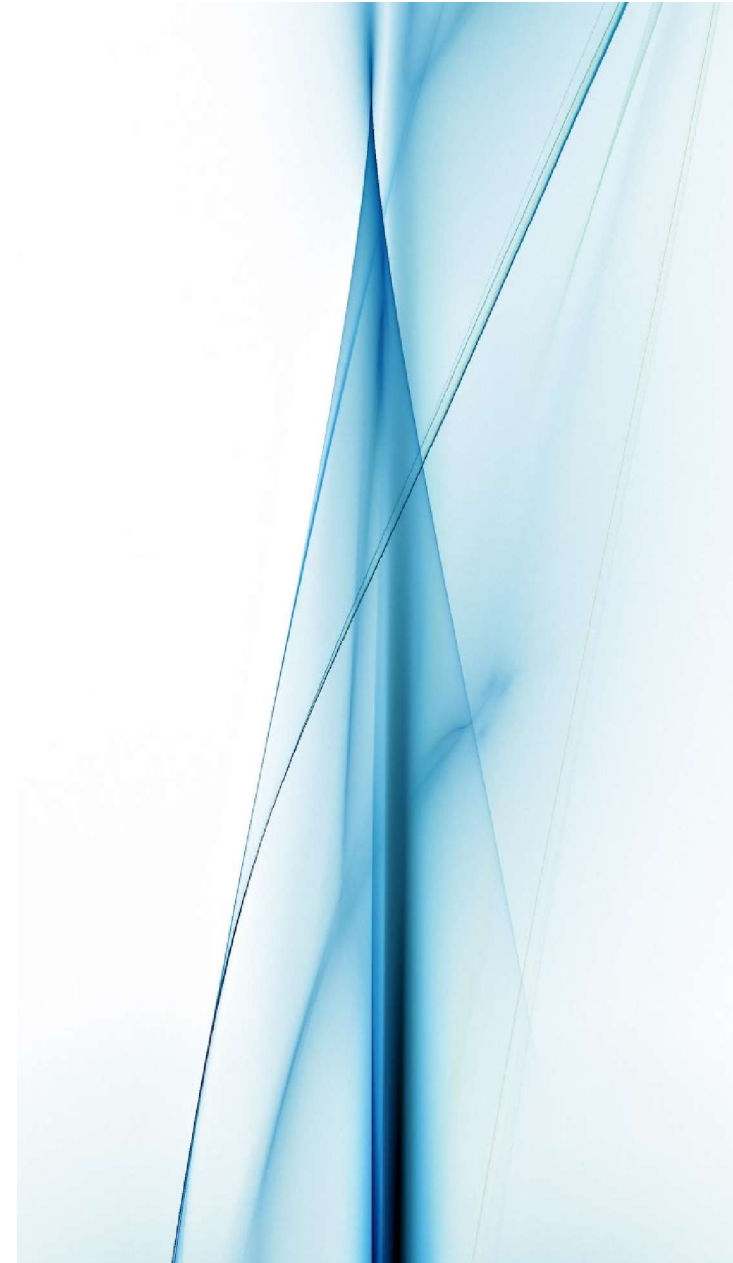








# Petcore Europe Activities



# NEW CAMPAIGN CREATIVE

## EU Stakeholders' Campaign



# EU POLICYMAKER MEDIA FOCUS



EURACTIV

Looking for  
sustainable  
packaging?



## EURACTIV

- Banner ads from 29 May to 10 June - for EU Green Week (June 3-10)

- Op-ed published on 13 June

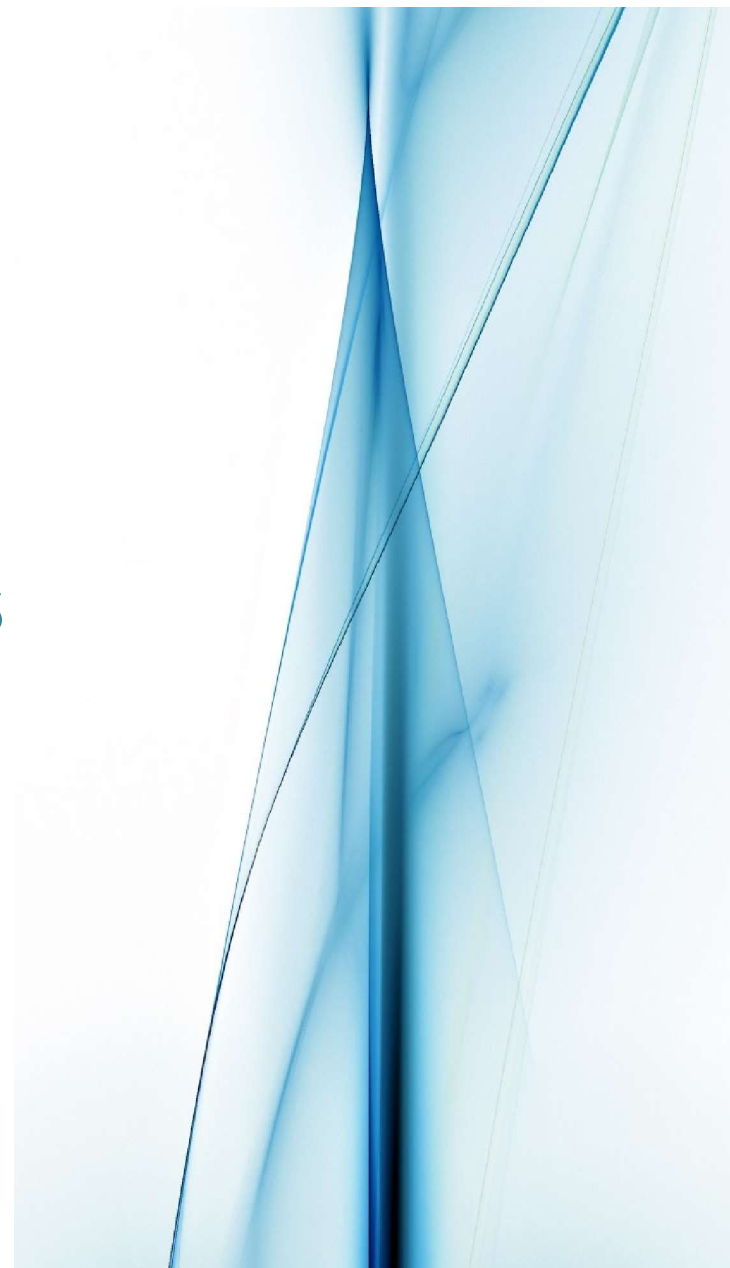
## Parliament Magazine

- MEP Awards ad and participation – 27 June





# **Bi-annual survey on PET collection & recycling rates in Europe**



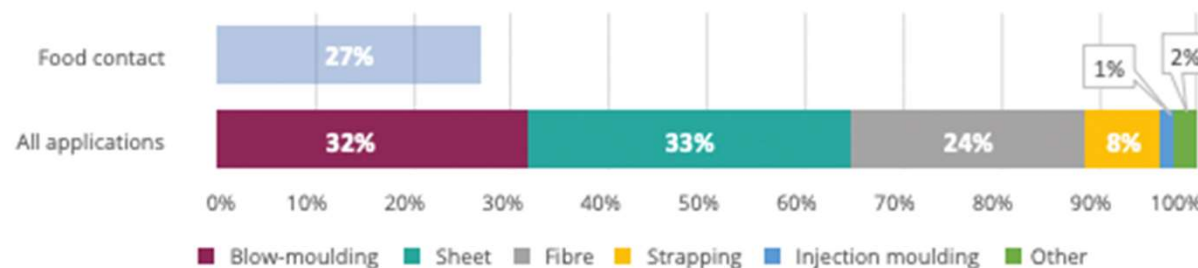
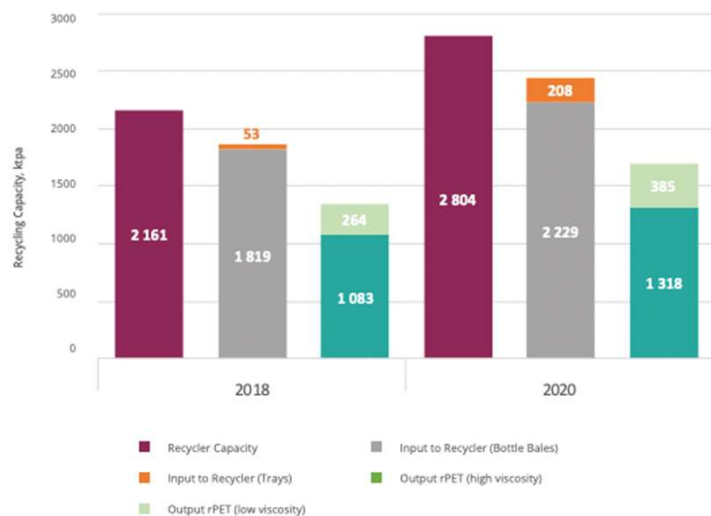


## PET Recycling – Status 2020 (Eunomia Report)

- **Collection – 2,229 Million Tons** (Packaging Waste)
  - **Collection Rate – 58.2 %**
- **Recycling Capacity – 2.804 Million Tons** (2020)

Figure 9 : PET Recycling Capacity, Input and Output, 2018 versus 2020

Source: Annual PRE Recyclers Survey (PRE, 2020)



## PET Recycling – Status 2020 (Eunomia Report)

### Bottles

- Collection and sorting through DRS could lead to more than 55% **bottle to bottle** recycling by 2030.

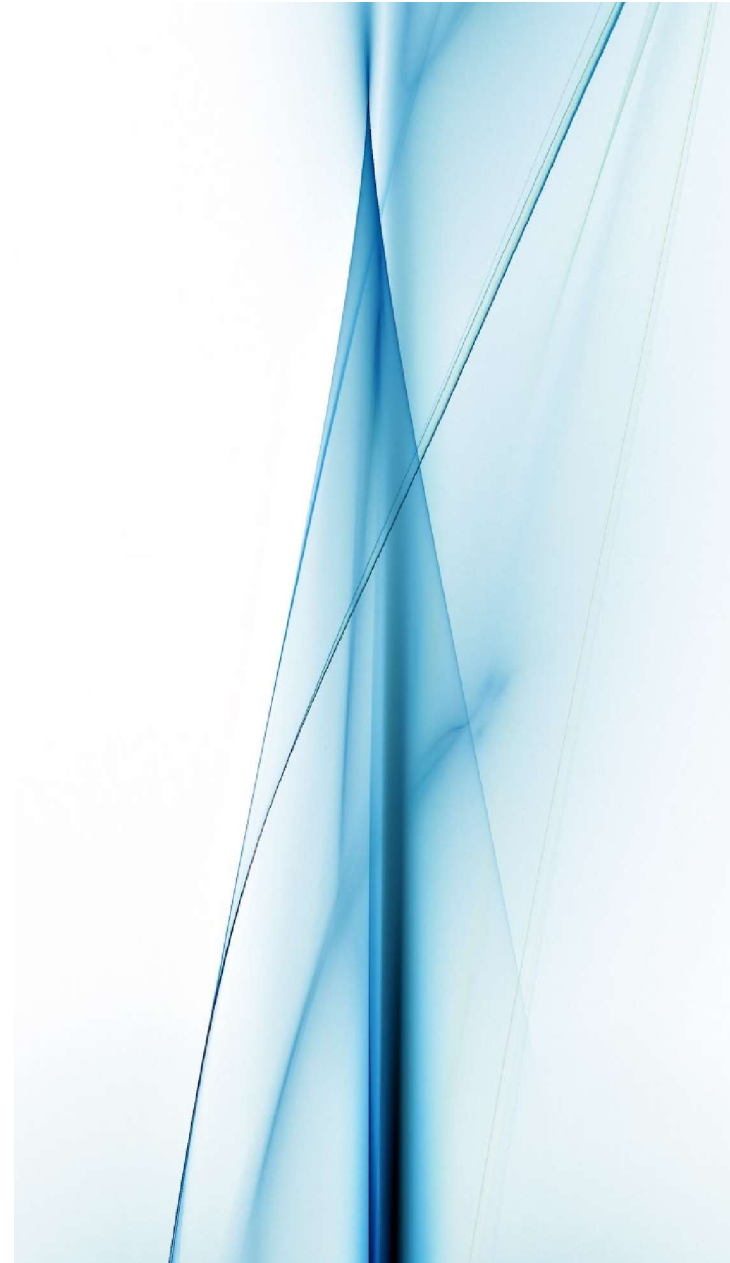
### Trays

- The market for trays and sheets represents 20% of rPET. Estimated 50% of average recycling content of PET trays produced in Europe.
- *Objective: tray to tray collection and recycling*
- Main targets: increase collection and D4R





# **Petcore Europe Working Groups & Task Forces**



# Petcore Europe Working Groups

---

## Working Group: Recycling PET Thermoforms

- Established 2015
- 74 companies and organisations from industry and waste management.
- Goal is to improve design for recycling, collection and trays sorting across EU

## Trays Circularity Evaluation Platform (TCEP)

- Established 2021
- Goal is to evaluate the recyclability and/or the circularity of new trays put on the market based on proven protocols and recyclability tests.



# Petcore Europe Working Groups

## Working Group: Recycling of Opaque and functional bottles (formerly ODR)

- Established 2016.
- 78 companies and associations
- Focusing on dairy bottles circularity







# Petcore Europe Working Groups

---

## Labels working group

- 31 companies
- To spread best practices among brand owners, green dot associations, sorting centers and recyclers.
- Pressure sensitive labels and crystallizable labels
- Supporting circularity and food safety





# Petcore Europe Working Groups

## PET Industry NIAS Group (PING)

- PING drives compliance with EC Regulation N°10/2011 and subsequent amendments on plastics materials and articles in contact with food, including NIAS.
- The group evaluates NIAS test methods, risk assessment and produce an industry wide accepted testing process.
- Any identified unacceptable risk will be addressed, and PING will work to find solutions to reduce or remove the risk.



# Petcore Europe Working Groups

## PET Depolymerisation Working Group

- Since 2019
- Addressing new technologies on Depolymerization of coloured trays and bottles as well as multimaterials.
- Textile / fibres seen as the new frontier

### PET Depolymerization Working Group Primary Members

The logo for INEOS, consisting of the word "INEOS" in a bold, blue, sans-serif font.The logo for CARBIOS, featuring a stylized blue "C" with a circular arrow and the text "CARBIOS" and "Enzymes powering the Circular Economy" below it.The logo for cupe, featuring a stylized blue and red "cupe" and the text "Polyester Rejuvenation" below it.The logo for DuPont Teijin Films, featuring the text "DuPont Teijin Films" in a blue sans-serif font.The logo for EASTMAN, featuring the word "EASTMAN" in a bold, red, sans-serif font.The logo for equipolymers, featuring a stylized blue and red "equipolymers" and the text "your innovative partner" below it.The logo for GARBO, featuring a stylized blue "GARBO" and the text "your innovative partner" below it.The logo for gr&n, featuring a stylized green and blue "gr&n" and the text "GREEN & NATURE" below it.The logo for Axens ifp, featuring a stylized blue and red "Axens" and "ifp" and the text "Energies nouvelles" below it.The logo for ioniqa, featuring the word "ioniqa" in a blue sans-serif font.The logo for loop INDUSTRIES, featuring the word "loop" in a bold, blue, sans-serif font and "INDUSTRIES" below it.The logo for POSEIDON PLASTICS, featuring a stylized blue and red "POSEIDON" and "PLASTICS" below it.The logo for RITTEC, featuring a stylized blue and red "RITTEC" and the text "UMWELTECHNIK" below it.



# Petcore Europe Working Groups

---

## REUSE working Group

- Started 2021
- Align the industry's strategy regarding REUSE as prescribed by various stakeholders (EU commission and NGO's)

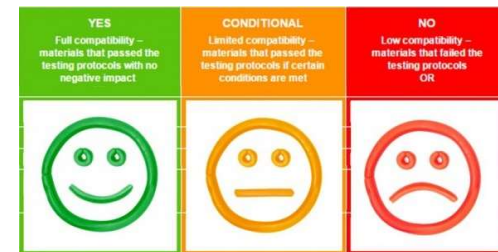
## LCA Working Group

- Started 2021
- Focused on delivering relevant data regarding PET environmental impact
- Focusing also on analyzing claims made by competitive materials such as glass and metals



# Recyclability European Evaluation Platforms

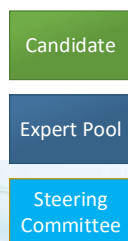
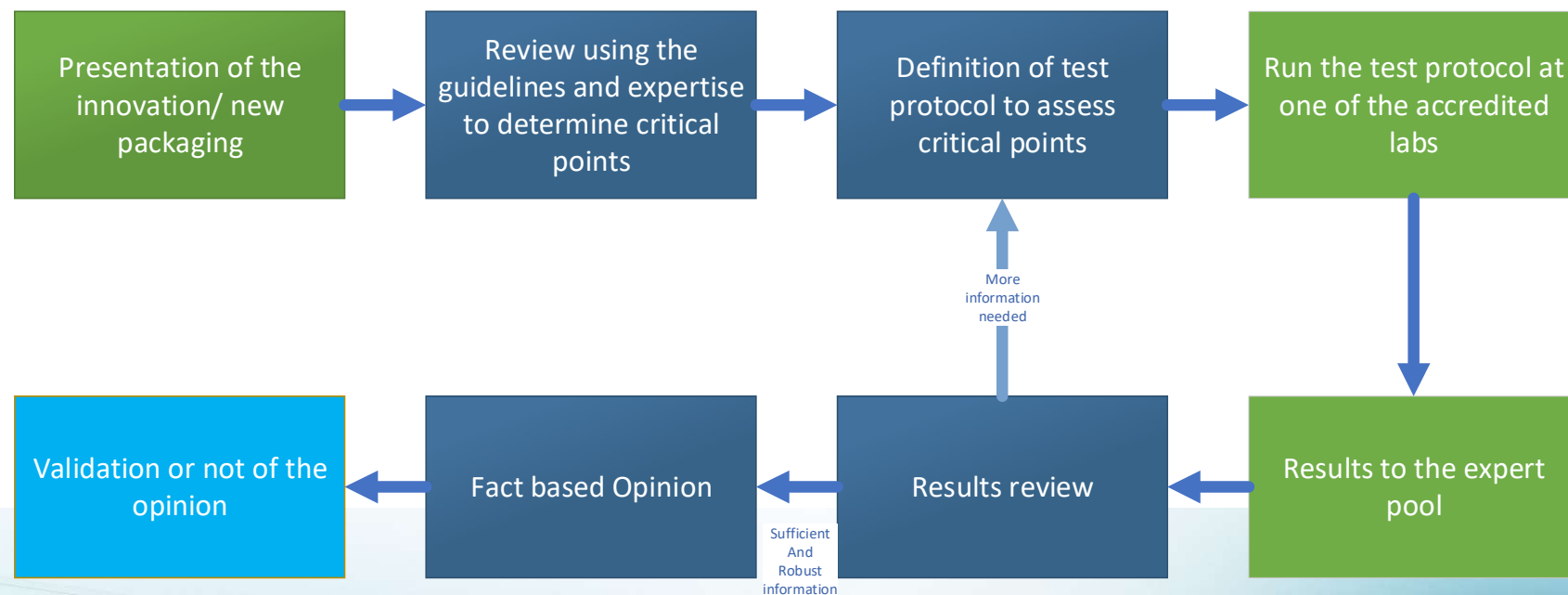
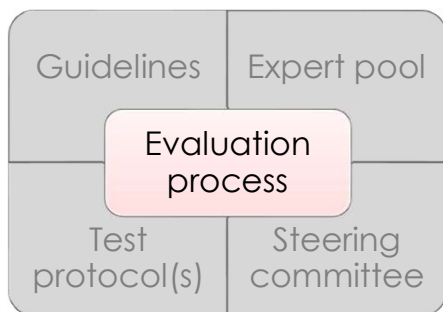
→ **European PET Bottle Platform (EPBP)** - since 2008 - European harmonized guidelines and protocol for PET bottles recyclability accepted across the value chain Encouraging industry to test new PET bottle concepts and/or material before market launch



→ **Trays Circularity evaluation platform (TCEP)** - Since 2021 European harmonised guidelines and protocol for PET trays recyclability –



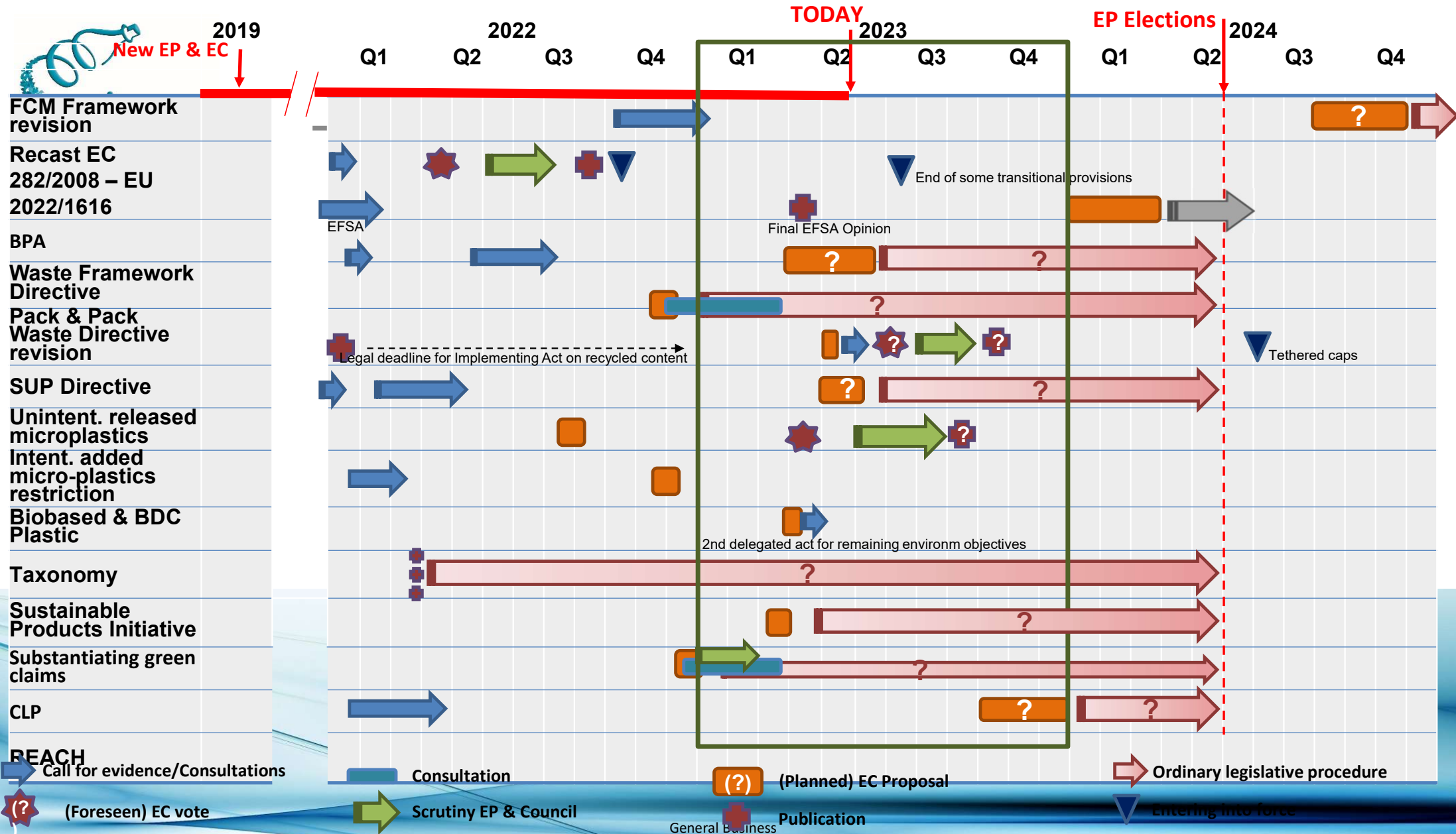
# Evaluation process





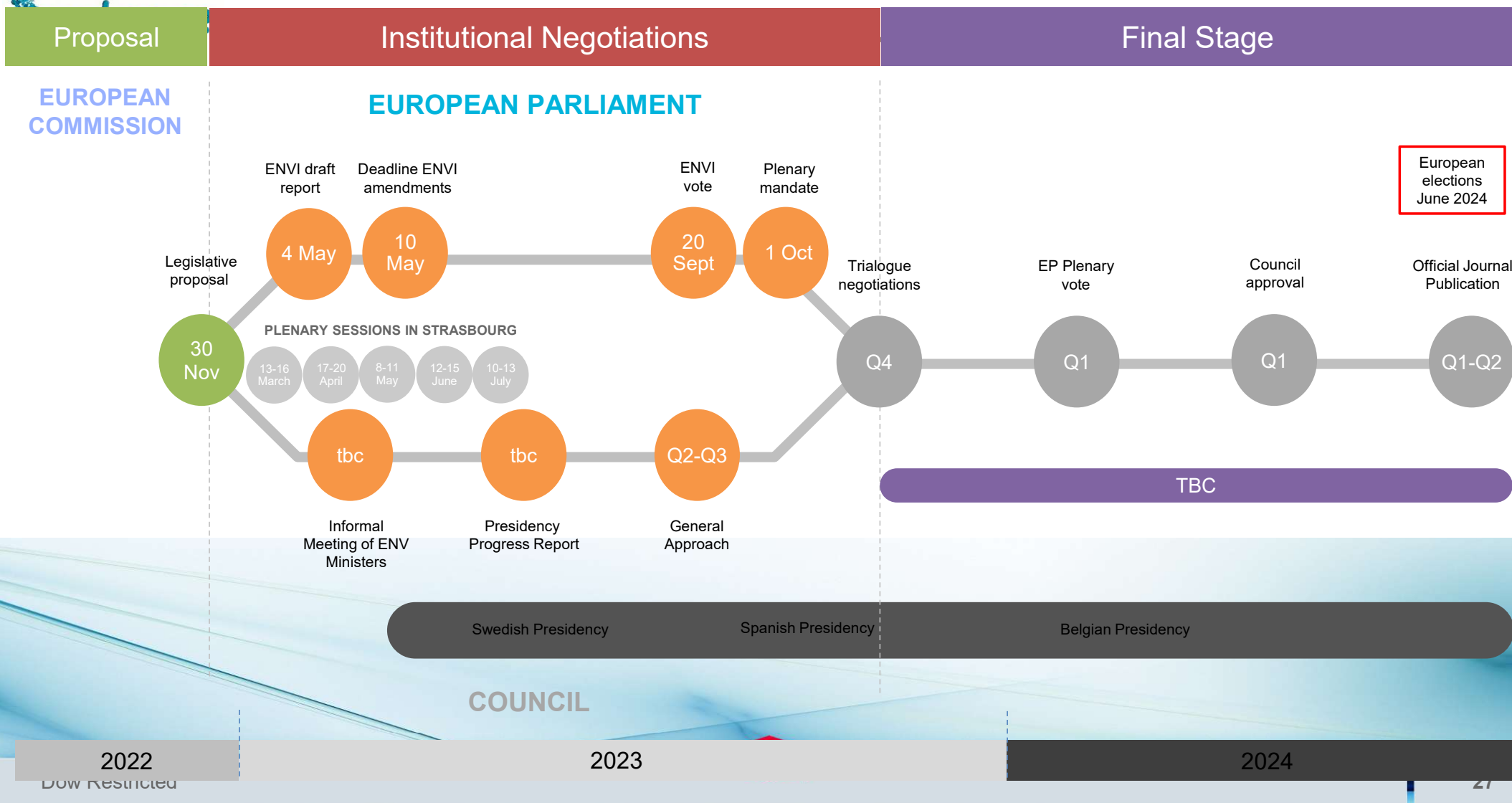
# Regulatory and Scientific Affairs







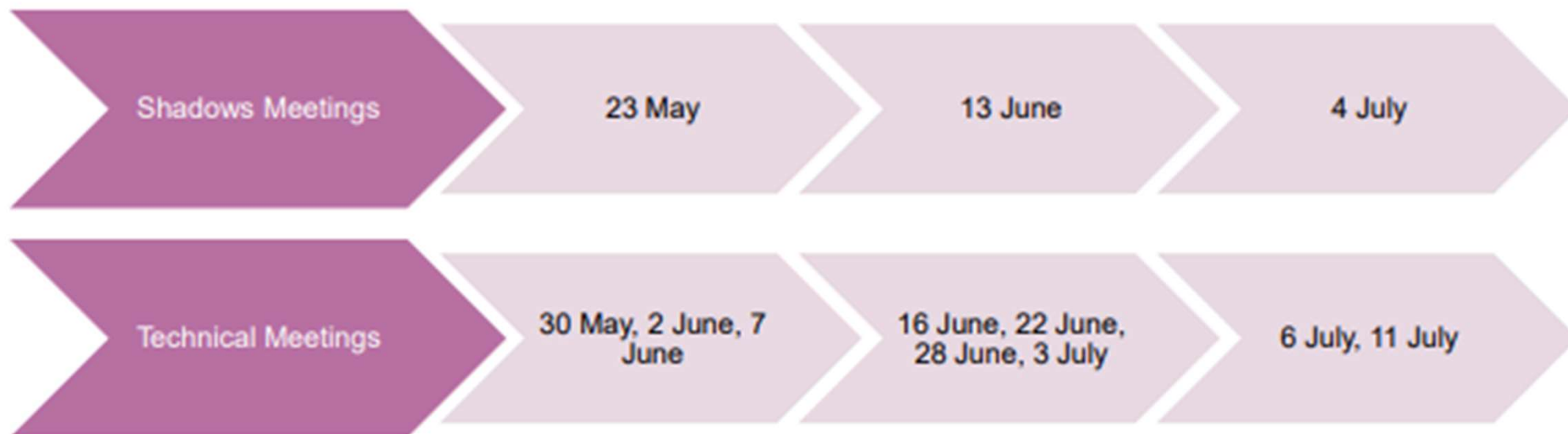
# PPWR – TIMELINE



## Ongoing process

---

### ENVI SHADOWS AND TECHNICAL MEETINGS MAY-JULY





# Who is who in Brussels

ENVI (Lead Committee)		ITRE (Opinion)	IMCO (Opinion)	AGRI (Opinion)	Other relevant MEPs
	Frederique Reis, Belgium, Renew Europe				
	Pietro Ficocchi Italy, ECR				
	Massimiliano Salini Italy, ECR				
	Grace O'Sullivan Ireland, Greens/EFA		Green/EFA (TBC)		
	Silvia Sardone Italy, ID				
	Joao Pimenta Lopes Portugal, The Left				
	Delara Burkhardt Germany, S&D		The Left (TBC)		
	Peter Liese Germany, EPP				
	Hildegard Bentele Germany, EPP				
	Marian-Jean Marinescu Romania, EPP				
	Jan Huitema Netherlands, Renew				
	Andreas Gluck Germany, Renew				
	Jessica Polfjard Sweden, EPP				

## Top Priorities & Advocacy Objectives

---

**Substances of Concern (Article 5)** - Ensure that any regulation of substances due to health concerns and chemical safety remains under REACH. PPWR should focus on **substances when they impede recycling**, considering state of the art technologies.

**Recyclable packaging (Article 6)** – ensure that the Delegated Act (DA) defining D4R criteria is done with industry input based on D4R packaging standards which the EU Circular Plastics Alliance (CPA) has requested to be developed by the European Commission.

We call for the DA to come in a timely manner, and that it considers all state of the art sorting and recycling technologies (i.e. **technology neutral approach**), and we call for a safety clause that ensures, in case the DA does not come in time, that existing industry standards are allowed for recyclability assessment.

## Top Priorities & Advocacy Objectives

---

**Mandatory recycled content (Article 7)** – Targets for **PET containers** should stay as defined by the SUPD, while the ones for food sensitive applications should be **around 25%** to generate sufficient demand pull to support investments. The PPWR proposal foresees a DA specifying the recycled plastics calculation methodology by end Dec 2026. This would be too late; we need this urgently, ideally before 2024, to gain the legal certainty needed to stimulate the investments needed to meet proposed 2030 targets.

**Restrictions on use of certain packaging formats (Article 22)** - Single-use plastic grouped packaging is defined as “Plastic packaging used at retail level to group goods sold in cans, tins, pots, tubs, and packets designed as convenience packaging to enable or encourage end users to purchase more than one product. This excludes grouped packaging necessary to facilitate handling in distribution.” We need to understand how the necessity of **plastic packaging for handling in distribution** will be measured in order to be able to assess potential impact (not clear from the text).

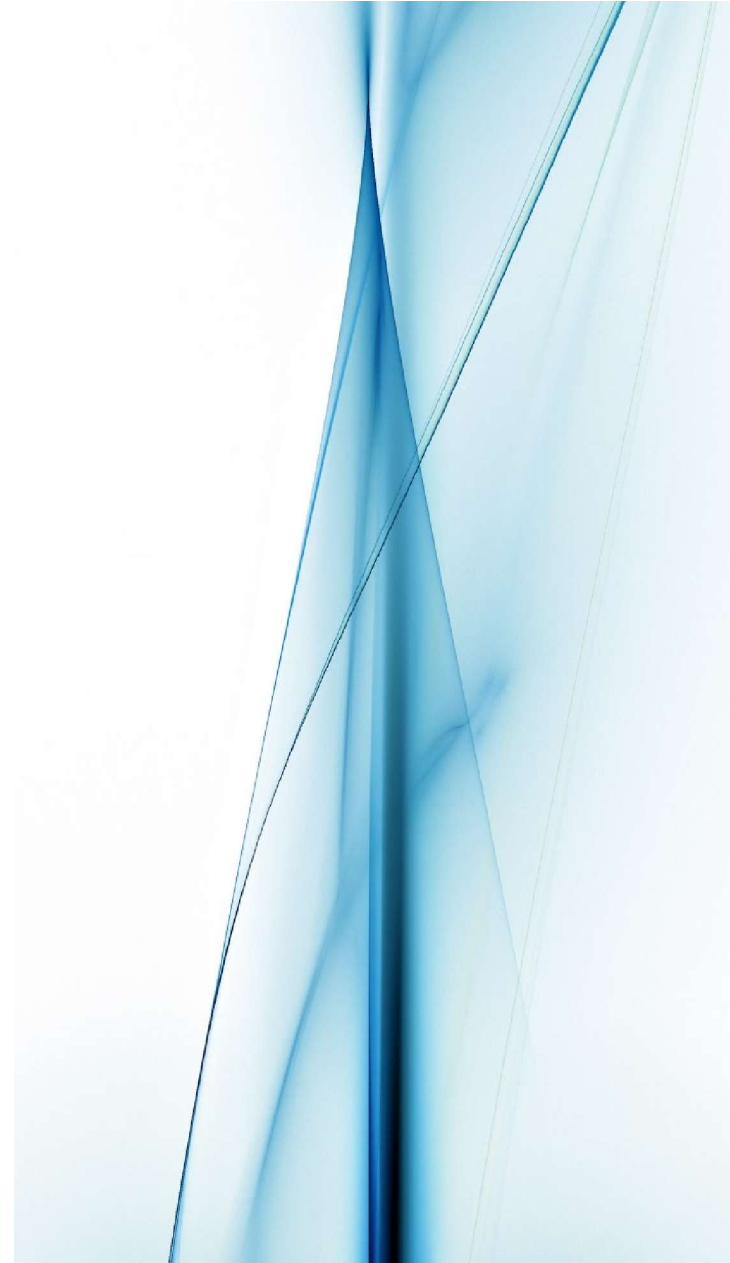
## Top Priorities & Advocacy Objectives

---

- **Reuse targets (Article 26)** – Ensure that reuse targets consider a full environmental, technical and safety assessment to validate that the alternatives are not detrimental to the achievement of other environmental objectives, including climate change (e.g. de facto ban of stretch/shrink films in transportation and logistics (**tertiary packaging**)).



# Circular Plastic Alliance





## Circular Plastics Alliance

- Signed on 20/09/2019 during a meeting at the European Commission, Petcore Europe among 100+ organizations committed to the CPA's vision for more recycled plastics in Europe. By **2025, 10 million tonnes of recycled plastics** must find their way into products in the EU.





# Petcore Europe & EU Plastics Strategy

---

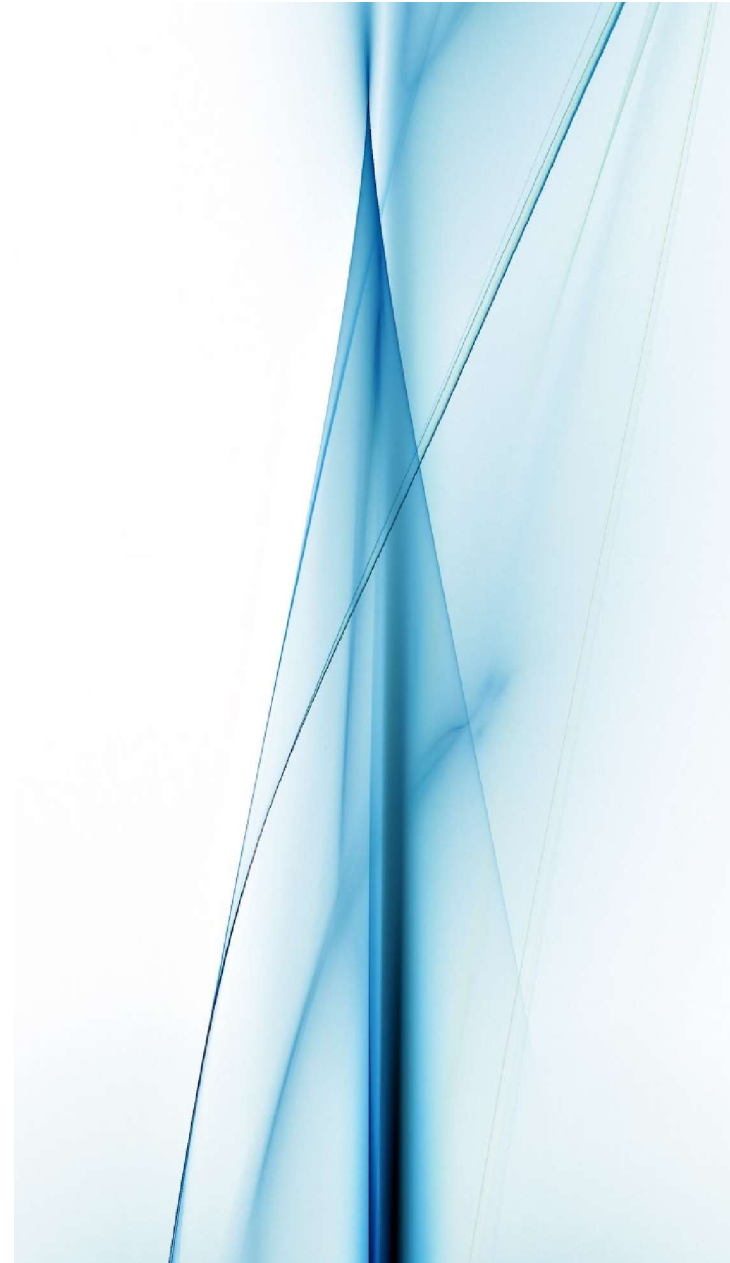
## PET Commitment to the EU Commission:

We will,

- ✓ focus on the overall objective: 100% recycling of collected PET packaging material.
- ✓ commit to 65% recycling and reuse of PET packaging material collected by 2030.
  - Amongst which, 30% of closed loop
- ✓ continue to commit to improve the Circular Economy by influencing the conditions for appropriate EU and national legal frameworks.
- ✓ develop the requirements for all converters and brand owners to endorse and apply current as well as future Design for Recycling guidelines.
- ✓ influence and demand that EPR schemes will provide stable and standardised, quality sorted PET baled streams.
- ✓ cooperate in finding innovative solutions or remove obstacles for the use of standard recycled qualities.
- ✓ cooperate to develop a positive contribution outside Europe using the established tools in the value chain.



# **Petcore Europe Events: Workshops & Annual Petcore Europe Conference**





# PETCORE EUROPE's Annual Conference 2023

Petcore Europe has just successfully conducted its event of 2023 for the PET industry: "PET value chain in a fast-paced environment for CIRCULARITY".

A key event at the European level dedicated to innovation and sustainability in the PET packaging industry, our Annual Conference 2023 was dedicated to recycling and circularity, and the PET industry's contribution to the EU's carbon neutrality goals.

At Petcore Europe we commemorated 30 years anniversary by taking our time to honour the milestones we have achieved, recognize our members for their hard work and commitment, thank loyal partners, sponsors and allies & announce new association's endeavours during our hybrid Annual Conference 2023.

Our 2023 Annual Conference was held over two days, from **1-2 February**, at DoubleTree by Hilton Brussels City, followed by a dedicated GALA Dinner & a cocktail reception at Le Plaza Hotel on the first day of the event.







# PETCORE EUROPE's Annual Conference 2023 in numbers

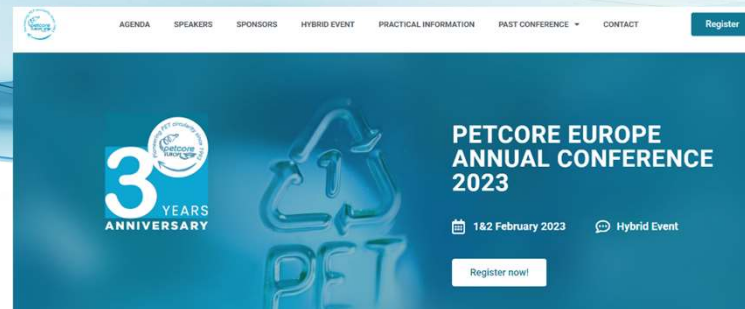
In TOTAL 54 Speakers & Moderators  
In TOTAL: 243 Attendees



Last Name	First Name	Company
1 Agante	Elsa	Deco Proteste
2 Allenbach	Simona	Sukano
3 Bergendorff	Sara	Returpack
4 Brunn	Michael	michael.brunn@recyclingmagazin.de
5 De Meester	Thomas	thomas.demeester@fostplus.be
6 Devries	Charlotte	Kraft Heinz Company
7 Duffaut	Emmanuel	RETAL IBERIA SLU
8 Favre	Frederic	IFPEN
9 Fessl	Peter	Greiner Packaging International
10 Fleischer	David	S.Z.P Advanced Packaging Products
11 Gauthier	Thierry	thierry.gauthier@ifpen.fr
12 Glazer	Piotr	Umincorp Polymers
13 Klein	Catherine	Valorplast
14 Knihti	Paivi	UPM Raflatac
15 Köhlmann	Dirk	Equipolymers
16 Laibach	Lauren	Napcor
17 Lenhard	Alessandro	CANEI Corporation
18 Pacitti	Steven	Eco-plastics in Packaging
19 Platteeuw	Michiel	NV SIOEN INDUSTRIES
20 Preishuber-Pfluegl	Peter	BASF
21 Saini	Gurpinder Singh	JBF Global Europe
22 Schmidt	Gregory	NAPCOR
23 Stewart	Laura	NAPCOR
24 Wöss	Christoph	EREMA
25 Zacarias	Maria	Logoplaste

Announcing soon Annual Conference 2024

2 EC Speakers - Alexandre Paquot (Director for Innovation for a Low Carbon, Resilient Economy at DG CLIMA, European Commission) and Wolfgang Trunk (policy officer at the European Commission)



[www.petcoreeuropeannualconference.org](http://www.petcoreeuropeannualconference.org)



## Events 2023 - Program

---

- 1-2 February – Annual Conference 2023
- 9 March – Meeting of Labels WG
- 15 March – Meeting of BOPET WG
- 16 March – Meeting of Thermoforms WG
- 14 May – GPCA meeting (Saudi)
- 24 May – 23 Gepet (Portugal)
- 15 May – Meeting of LCA WG
- 22 May – Meeting of Reuse WG
- 14-15 June – Thermoforms Event in Italy
- 27 June – Board Meeting
- 19 October – Depolymerisation Webinar
- 22 November – Board Meeting



Ask yourself: what you can do to make a better world?

**JOIN us in improving the PET Value CHAIN!**





## Petcore Europe

Avenue de Broqueville 12, 1150 Brussels, Belgium

Tel.: +32 (0) 2 315 24 88

Email: [management@petcore-europe.org](mailto:management@petcore-europe.org)

Website: [www.petcore-europe.org](http://www.petcore-europe.org)

Dedicated Website - Annual Conference: [www.petcoreeuropeannualconference.org](http://www.petcoreeuropeannualconference.org)

Communications Campaign Website: <https://www.recycletheone.com/en>

Follow us on social media to stay updated:



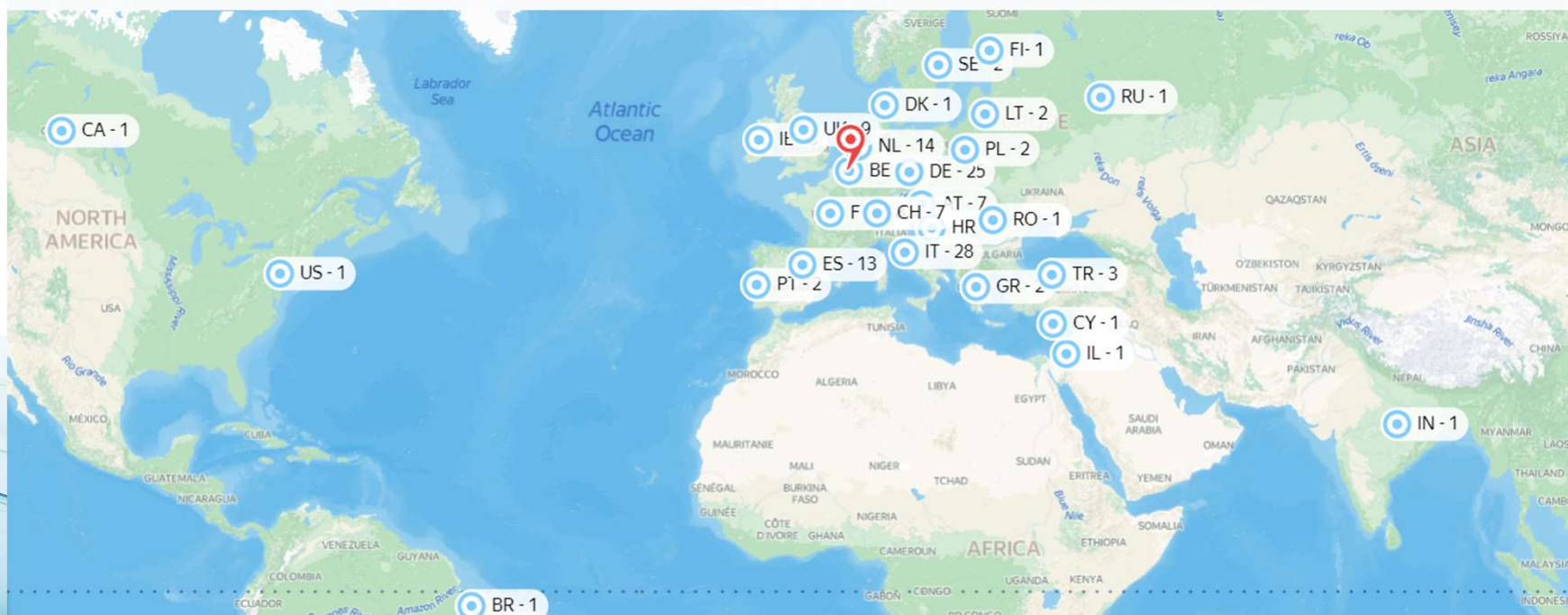


# Petcore Europe Membership

To check the details, please follow this link: [www.petcore-europe.org/members](http://www.petcore-europe.org/members)

## PETCORE EUROPE / MEMBERS MAP

Petcore Europe - PET value chain. You can find more about our members on the map below.



## Participation fees

- The membership participation fees are linked with the annual turnover of the candidate as per table below:

Company Member Turnover	Membership Annual Fee
Less than 20 m EURO	€ 4,000
20 up to 100 m EURO	€ 5,000
Above 100m up to 500 m EURO	€ 6,000
Above 500 m EURO	€ 7,500
*m: m stands for million	

- Working Groups (WG) participation fee is 1500€ per WG
- Petcore members can participate in the WG without any additional fees



- General Assembly
- Board of Directors
- Technical Committee
- Technical Working Groups
- Scientific and Regulatory affairs
- Projects
- Communications & Issues Management
- Website with extranet for members
- Social Media channels (Twitter & LinkedIn, Facebook)
- Support from member associations