

A hand in a dark suit jacket is shown from the wrist up, holding a glowing, translucent globe. The globe is illuminated from within, showing a map of Europe. Three green arrows form a circular path around the globe, symbolizing a recycling process. A blue PET bottle cap is positioned at the top of the globe, as if it were about to be placed on it. The background is a dark, solid color.

Antoon Spiessens - Coca-Cola
Argiris Dabanlis - EPBP
Andreas Christel - Polymetrix
Luca Stramare - Corepla

European PET Bottle Platform (EPBP)

Strengthening our platform towards circularity

What is on for today - EPBP

- 1 CONTEXT
- 2 OUR PLATFORM TO DATE
- 3 PROGRESS 2022
- 4 PRIORITIES 2023
- 5 PANEL DISCUSSION CIRCULARITY

Context to strengthen EPBP



Towards net zero carbon, more resource efficiency and circularity and no litter.

MUST DO's:

- Lower use of virgin PET reducing carbon footprint
- More: Reduce, Design for recycling, Collect, Recycle
- Increase use of recycled plastic in packaging in a safe way
- Increasing recycling process efficiency in economic way
- Ensure high quality recycled PET over-and-over again
- Avoid cross-contamination of recycling streams
- No hazardous substances
- Avoid downcycling, enforce multi-loop recycling
- ...

Design for RECYCLING to
Design for CIRCULARITY



European PET Bottle Platform (EPBP) - 15 years

WHAT

- **Voluntary** Industry Initiative (members: PRE, PETCORE, NMWE, UNESDA)
- Provides PET bottle **Design Guidelines for RECYCLING**
- **Evaluates PET bottle packaging innovative solutions and technologies** on recycling processes and quality of rPET

HOW

- Grouping **Technical Experts** in the field of PET production, design and recycling in Technical Committee
- Providing an **independent and confidential assessment** of new technologies and its impact on PET recycling processes across Europe
- Issuing **design guidelines** and establishing and evolving **test procedures**
- **Authorizing test laboratories**
- Working closely with **PETCORE Working Groups and Industry Organisations**
- Supported by EPBP Steering Board



2022 Achievements

- Institutionalized Technical Manager Role
- Installed New Operating Model
- Improved Performance
- Updated Test Protocols

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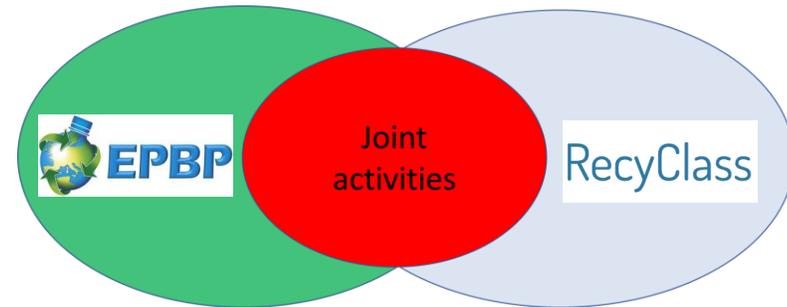
- Appointment EPBP Technical Manager Argiris Dabanlis
- Leading Monthly Technical Committee
- Managing Bi-Monthly Steering Board (Co-Chaired)
- Applicant's central point
- Co-Managing 'EPBP – Recyclclass' Operating Model
- Budget committed equally by members



2022 Achievements

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- Collaboration Agreement EPBP and RecyClass – Kick Off Feb '22



- Ensuring harmonized approach PET Bottle Design for Recycling
- Operating Model
 - RecyClass adhering to EPBP test protocols
 - EPBP accountable for new test protocols (innovations)
 - Orchestrated jointly by Techn Mgrs EPBP and RecyClass
- Set up in 2022 - Learnings in Feb 2023



2022 Achievements

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- Able to close many assessments through more rigour and focus



- 13 new applications in 2022 (versus 5 in 2021)
- 17 assessments closed in 2022 (versus 14 in 2021)
- Authorizing 2 new labs for the Quick Test. WIP for the third one



2022 Achievements

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- Updated Test Protocols

- Test protocol update (focus on color and physical performance)
- Updated QT 508 and design guidelines for adhesives
 - Working closely with industry for optimization
 - Standardization of testing procedures
- Joint development with RecyClass of Standard Testing Table, that guides our applicants on the expected testing



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THANK YOU

Technical Committee

Partnership EPBP – RecyClass

Applicants



GOING FORWARD 2023 – Towards Circularity

- **Continue and build** on momentum of 2022 performance
- **Evaluate EPBP – RecyClass agreement** in February 2023
- Strengthen EPBP from **Design for Recycling** to **Design for Circularity** (multiple loops test procedures)
- Assess future opportunity EPBP Design for Recycling/Circularity for (a) **Refillable PET** and (b) **non-food PET bottles**

PANEL DISCUSSION– PET CIRCULARITY



Andreas Christel - Polymetrix



Argiris Dabanlis - EPBP



Luca Stramare - Corepla

EPBP – Strengthening our platform towards circularity

NEXT STEPS:

- 1. Set up Task Force within Technical Committee to define scope**
- 2. Agree on ‘circularity principles’ + Framework**
- 3. Develop ‘Design for Circularity’ guidelines and test protocols**





THANK YOU

European PET Bottle Platform (EPBP)

Evolving our platform towards circularity