Circular plastics alliance
EU state-of-play, monitoring and standardisation

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EU hot issues

Strategy autonomy	Green transition
• Ukraine	• CO2
• Gas and oil imports	• Energy intensive sectors
• Raw materials supply	• Global Plastics Treaty
• Strategic value chains	

European Commission

EU (ambitious) targets for plastic packaging

- Current

Deadline	Target
2025	10Mt of recycled plastics used in products in EU
2030	All plastic packing recyclable or reusable
2030	55% recycling rate for plastic packaging
2030	30% recycled content in plastic beverage bottles
2030	55% reduction of CO_2 emissions compared to 1990

- Being considered

Plastic packaging: mandatory targets on recycled content and reduction of packaging waste generated per capita (weight)
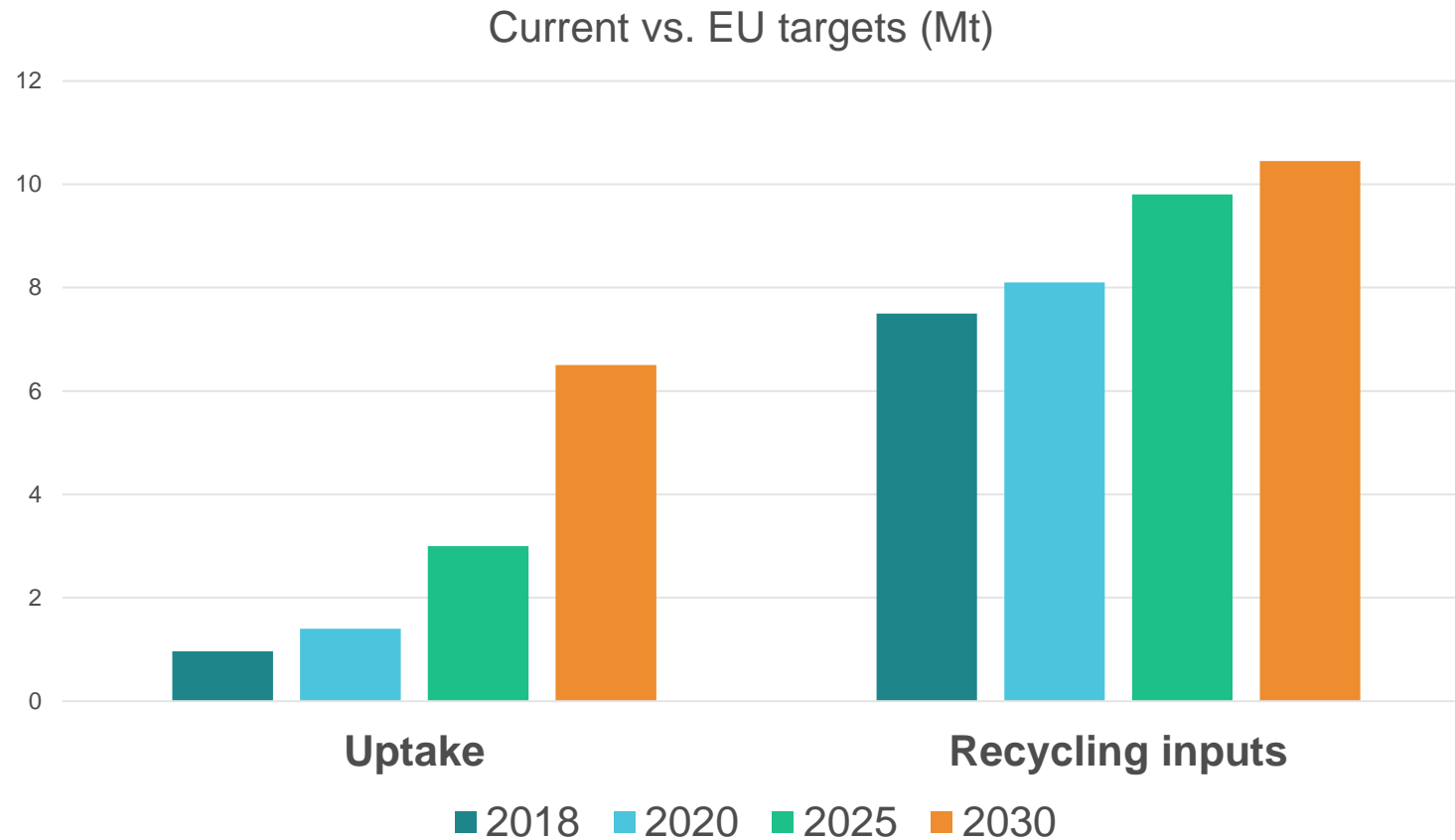
Microplastics emissions reduction (30% by 2030?)

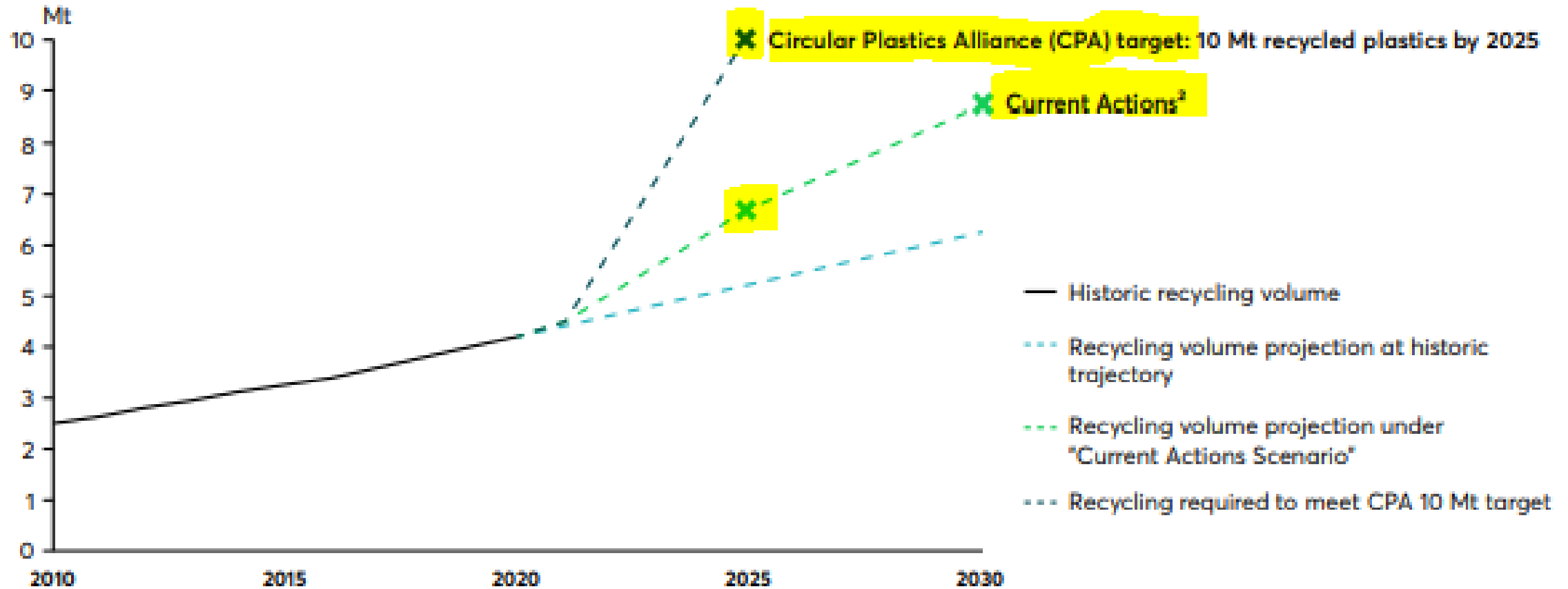Ecodesign for sustainable products: textiles, plastics, recyclability/recycled content

European Commission

State-of-play vs. targets

	State of play	EU target
Recycled content	2018: 1Mt (2%) 2020: 1,4Mt (6,6%)	10Mt in 2025 (3Mt packaging?) 30% in 2030? (6-7Mt?)
Recycling rate (sent to recycling)	2018: 42% 2020: 46% 2020: 8.2Mt to recycling	2025: 9.8Mt to recycling 55% in 2030
Recyclability rate	Not available	100% by 2030

⇨ Reaching EU targets will require *steep acceleration* of current (real) efforts

European Commission

Acceleration: recycling inputs vs. uptake

Current vs. EU targets (Mt)

Uptake — Recycling inputs

Legend: ■ 2018 ■ 2020 ■ 2025 ■ 2030

European Commission

Acceleration: CPA vs. baseline

Source: Systemiq, 'Reshaping Plastics', 2022

CPA : foster systemic change in the value chain

"The Alliance estimated that reaching its 10 million tonnes target by 2025 requires to substantially increase from a 2020 baseline

sorting capacities from 12.5 million tonnes to 16.7 million tonnes, and

recycling output capacities from 6.3million tonnes to 10 million tonnes.

…**export of recycled plastics drastically decreases**, if not ceasing altogether,

and that the **demand for recycled plastics** in European products (i.e., recycled content) **increases** to ensure uptake of the full 10 million tonnes."

European Commission

CPA : foster systemic change in the value chain

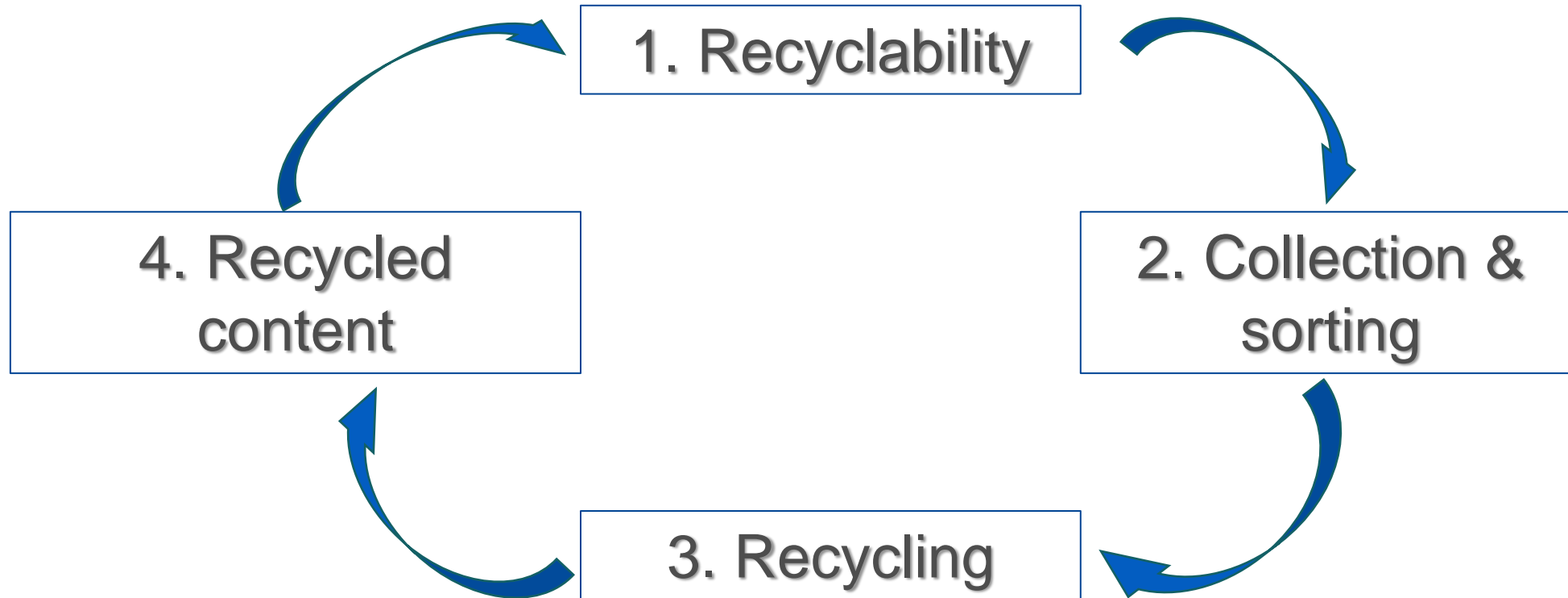" … the circular plastics economy is a system. One in which everyone has to work together to drive change, understanding that **the actions of any one part of that system impact the system's ability to deliver as a whole.** This renders collective work among private and public actors along the value chain essential to deliver the circular economy for plastics."

"Unlocking the potential for greater uptake of recycled plastics and reaching the 10Mt target of the CPA, primarily requires **a stable supply of suitable quality recyclates in sufficient quantities in the European market**."

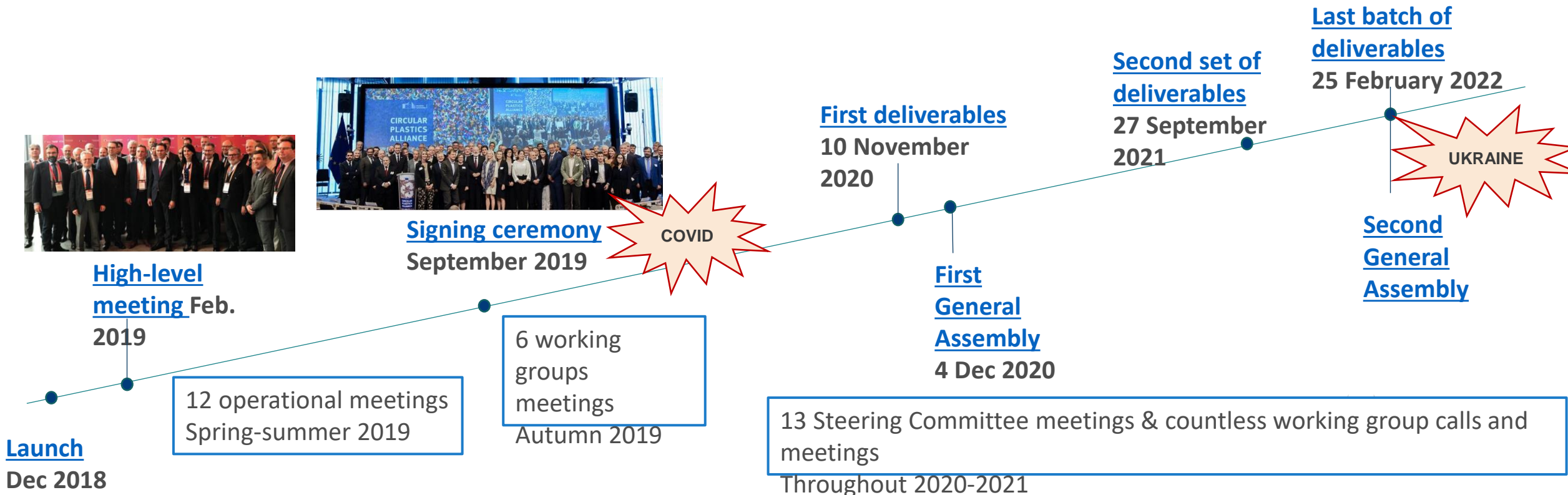Source: Circular Plastics Alliance, Report on uptake of recycled plastics, February 2022

European Commission

Systemic change in the plastics value chain

1. Recyclability

2. Collection & sorting

3. Recycling

4. Recycled content

Circular Plastics Alliance

- Stakeholder initiative launched and supported by the Commission

- Voluntary action to reach 10Mt recycled plastics by 2025 (EU target)

Last batch of deliverables
25 February 2022

Second set of deliverables
27 September 2021

First deliverables
10 November 2020

Signing ceremony
September 2019

COVID

UKRAINE

Second General Assembly

First General Assembly
4 Dec 2020

High-level meeting Feb. 2019

6 working groups meetings
Autumn 2019

12 operational meetings
Spring-summer 2019

13 Steering Committee meetings & countless working group calls and meetings
Throughout 2020-2021

Launch
Dec 2018

Circular Plastics Alliance

- An alliance of 310+ stakeholder organisations covering the plastics value chain

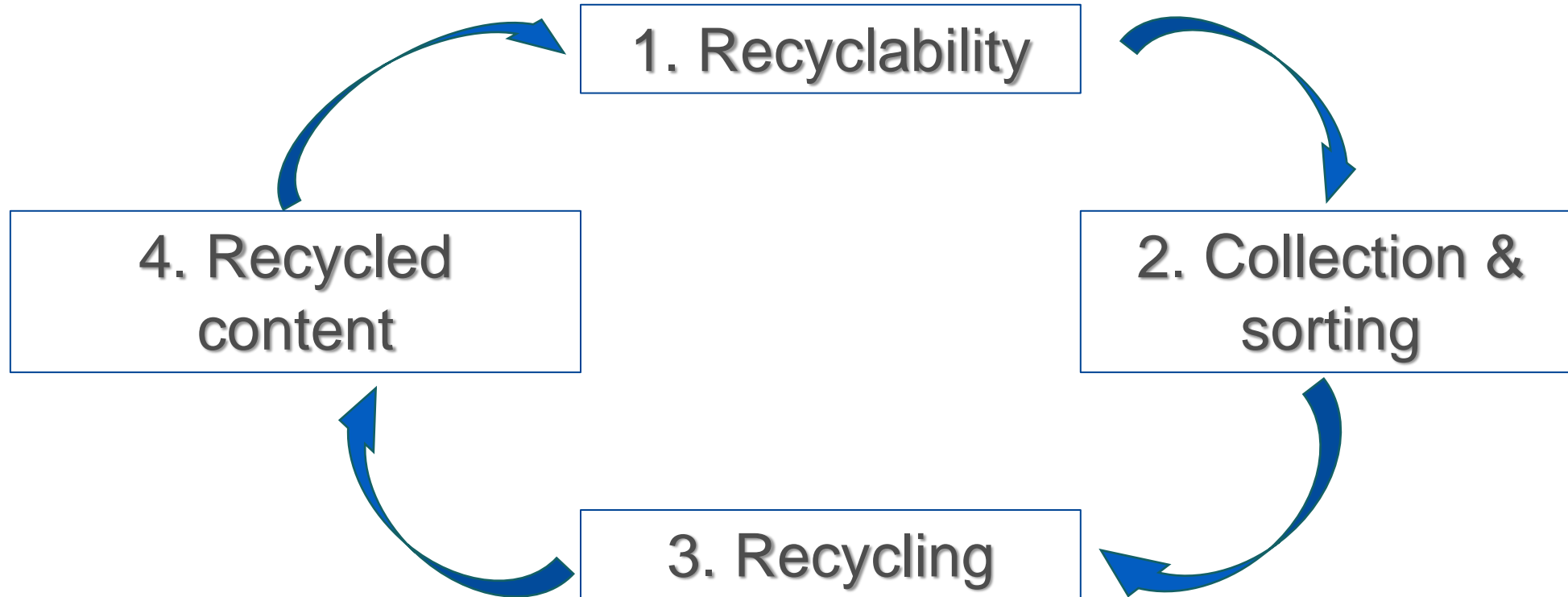| BRANDS/ SECTORS	
Automotive	CLEPA, ACEA
Construction	EPPA-profile, TEPPFA, ERFMI, ECRA
Packaging	EUROPEN
EEE	Orgalim, DigitalEurope, AppliA
Agriculture	APE Europe

Polymers: PET (Petcore), Polyolefins (PCEP), PVC (Vinylplus), PS (Styrenics Circular Solutions) and EPS (EUMEPS)

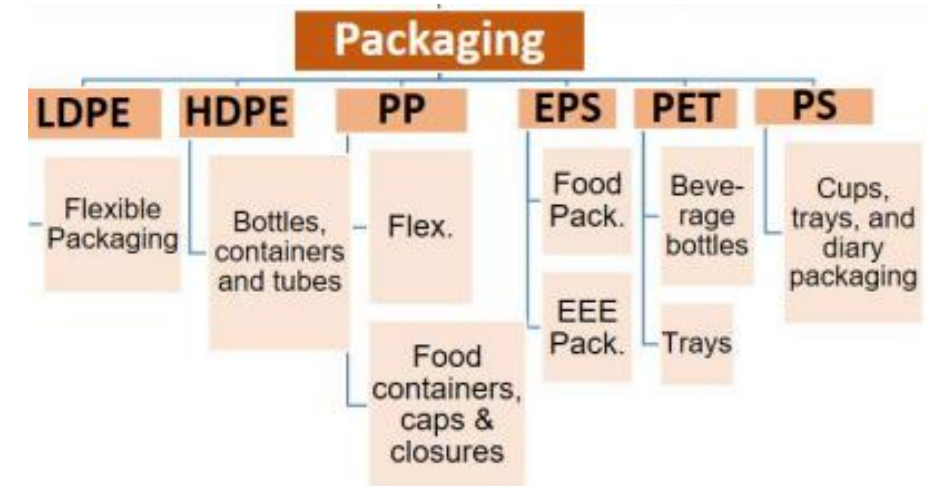European Commission

Systemic change in the plastics value chain

1. Recyclability

2. Collection & sorting

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European Commission

Systemic change in the plastics value chain

1. Recyclability

Recyclability in practice
In one Single Market
Design-for-recycling
New market standards

CPA Design Work Plan
26 plastic products
60% of plastic waste collected
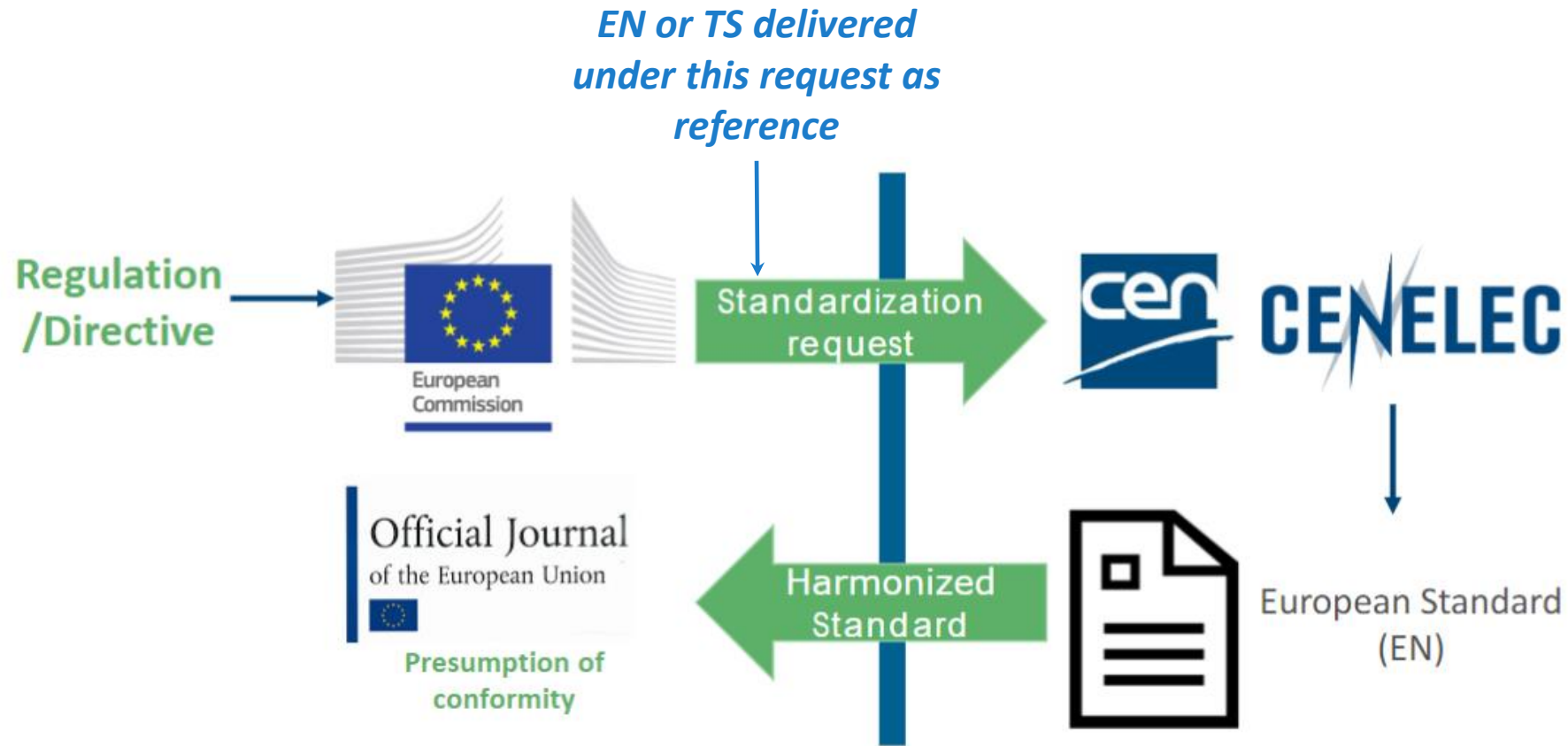

European Commission

Draft standardisation request on recycled plastics
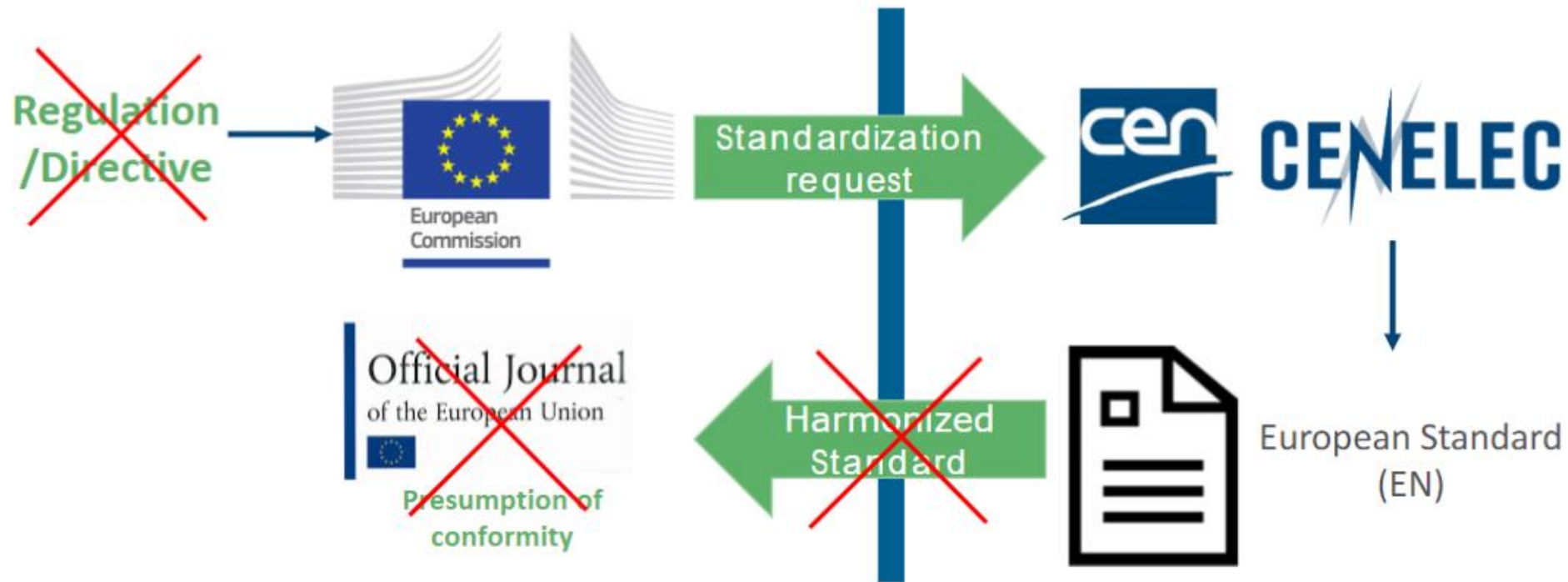
Expected deliverables : European standards, not harmonised

Possible input for later harmonised standards

EN or TS delivered under this request as reference

Regulation /Directive → European Commission → Standardization request → cen CENELEC → European Standard (EN)

Official Journal of the European Union — Presumption of conformity ← Harmonized Standard ←

Close cooperation between standardisers and policy makers is essential

European Commission

Systemic change in the plastics value chain

29.5 Mt

via **MIXED** waste collection — **15** Mt

14.5 Mt via **SEPARATE** waste collection

5% Recycling
57% Energy recovery
38% Landfill

65% Recycling
27% Energy recovery
8% Landfill

Source: PlasticsEurope, 2022

CPA
Roadmap
Standards

2. Collection & sorting

Separate collection
Sorting capacities & decisions

European Commission

Systemic change in the plastics value chain

Recycling capacities

New technology

Business case

3. Recycling

CPA
Roadmap
Needs for capacities and investments

Systemic change in the plastics value chain

4. Recycled content

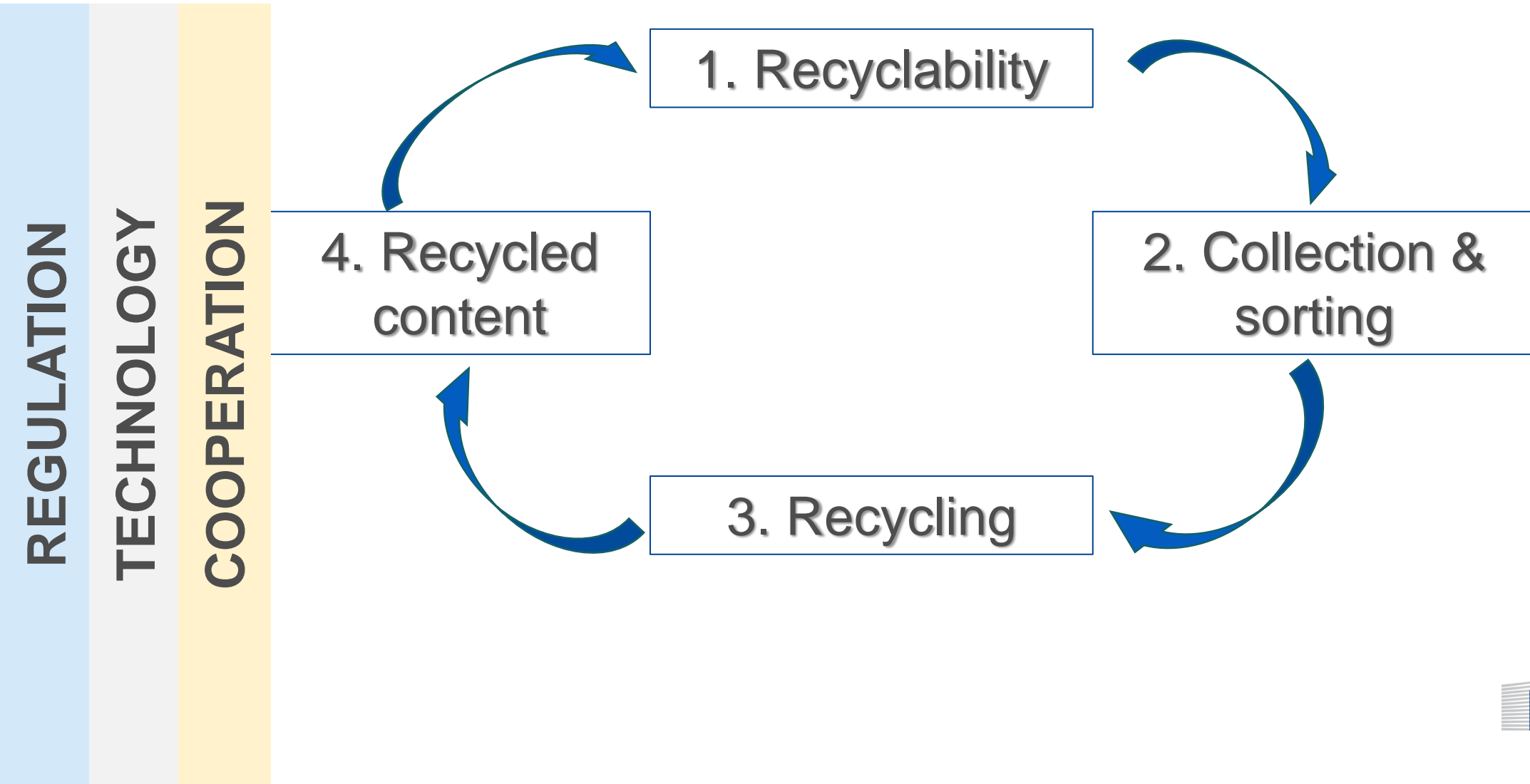Quality of recyclates

Product claims

Public procurement

EU targets

CPA
Recycled content report
Standards on quality of recyclates
Pledges

European Commission

Systemic change in the plastics value chain

REGULATION

TECHNOLOGY

COOPERATION

1. Recyclability

2. Collection & sorting

3. Recycling

4. Recycled content

European Commission

Monitoring system: ready to start?

Methodology published

Two data collection systems in place, list of approved auditors published

Next steps

- Data generation & first report in 2023 (Monitoring secretariat)

- Methodology for chemically recycled plastics

- Better data on collected and sorted plastic waste

Circular Plastics Alliance: progress so far

All key commitments/ deliverables in the declaration are now published

Next steps

- Engagement with national systems

- Communication and awareness raising

- Data generation for the monitoring system

- Increased pledges

Thank you for your attention

Unit GROW I.3

https://ec.europa.eu/growth/industry/strategy/industrial-alliances/circular-plastics-alliance_en

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