

The image features a background of large, curved rolls of paper with a visible wood-grain texture. In the center, there is a white rectangular box containing the Cepi logo. The logo consists of the word "Cepi" in a stylized font where the letters are filled with a wood-grain pattern. A small green dot is positioned above the letter 'i'. To the right of the word "Cepi", there is a vertical list of four words: "RENEWABLE", "RECYCLED", "RESPONSIBLE", and "EUROPEAN". The first three words are in green, and the last word is in black.

Cepi

RENEWABLE
RECYCLED
RESPONSIBLE
EUROPEAN

IN-PRESSME policy and dissemination event /
26 January 2024



Recycling of fibre-based packages, open loop recycling, challenges and targets in Europe 2030

Ulrich Leberle, Raw Materials Director

About Cepi

Represents in Brussels

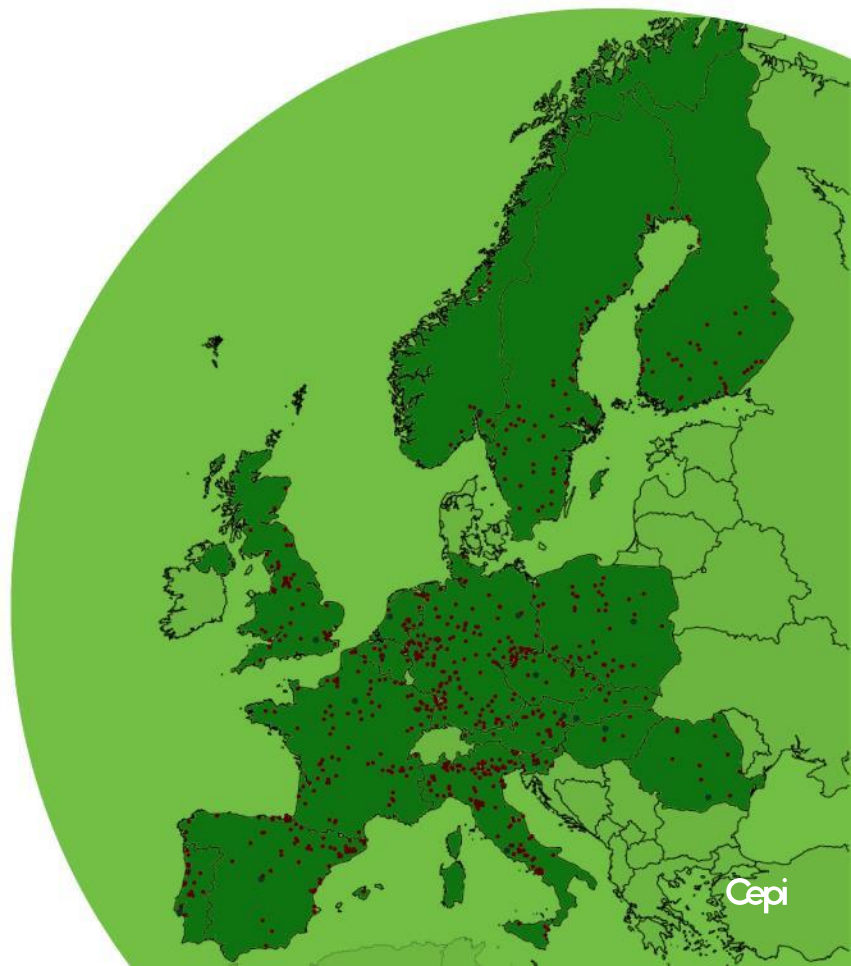
490 pulp, paper and board producing companies
885 mills across Europe of which **139** biorefineries
180000 people employed directly
19 member countries

Engaged in international fora (UN, FAO, WTO)
to defend our **21.7 %** share of global production

Working across the value chains –
from forest owners to converters

Chair: **Marco Eikelenboom, Sappi**

A staff of **24** industry, policy and public affairs experts



About Cepi

We deploy our agenda in 6 focus areas

Outline of CEPI activity areas
2020-2029

- ETS, energy policy, renewables,
2050 climate strategy
- Food contact, sustainability performance,
REACH
- Land use and forestry, certification,
forest-based industries joint strategy
- Production and statistics reports,
Industrial policy, international trade, transport
- Circular economy, recyclability
- Bioeconomy strategy, R&D programmes,
funding, skills agenda

Energy &
climate change

Environment
health & safety

Forestry

Trade &
industrial affairs

Recycling

Bioeconomy &
social affairs

About Cepi

We are renewable, and sourced, made and recycled in Europe, a responsible industry towards the environment, its customers and workers

Transforming pulp wood into cellulose and bio-based products, 86% of our raw materials are sourced from within the European Union and 78% of the wood comes from certified forests



Keeping the fibres in the loop, 70,5% recycling rate of EU paper-based products

Producing
Pulp & fibres
Nano-cellulose
Bio-energy
Bio-chemicals
Print & graphic paper
Packaging solutions
Hygiene and tissues
Specialty papers

Green Source

Responsible products start with a green source

FOR MORE INFORMATION
eugreensource.org

It grows annually by
612 Million m³
(Net annual increment)

European forests keep growing

The total volume of Europe's forests is
28 Billion m³

Growing stock in forests and other wooded land: 28.162,000 m³

The annual harvesting is
455 Million m³
(Annual fellings)



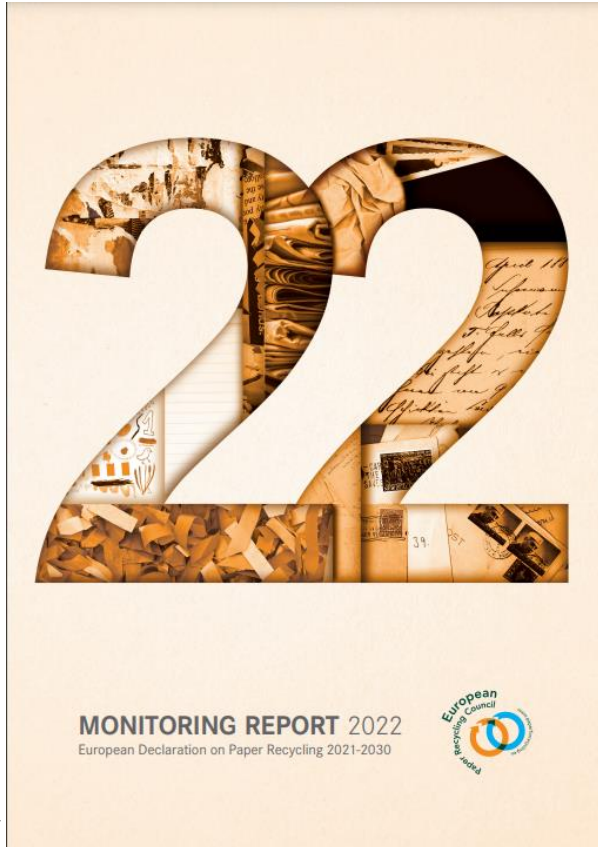
Forests and forest-based products remove **20%** of EU fossil emissions annually

The forest-based industry provides added value worth **€166 Billion** to the European economy every year and employs **7 Million** Europeans



RENEWABLE RESOURCE
Sustainable forestry preserves biodiversity and ensures parts of the tree are also left in the forest to **maintain natural nutrition cycles and provide habitats**

2022 Monitoring Report



In 2022, 70.5% of all paper and board consumed in Europe was recycled

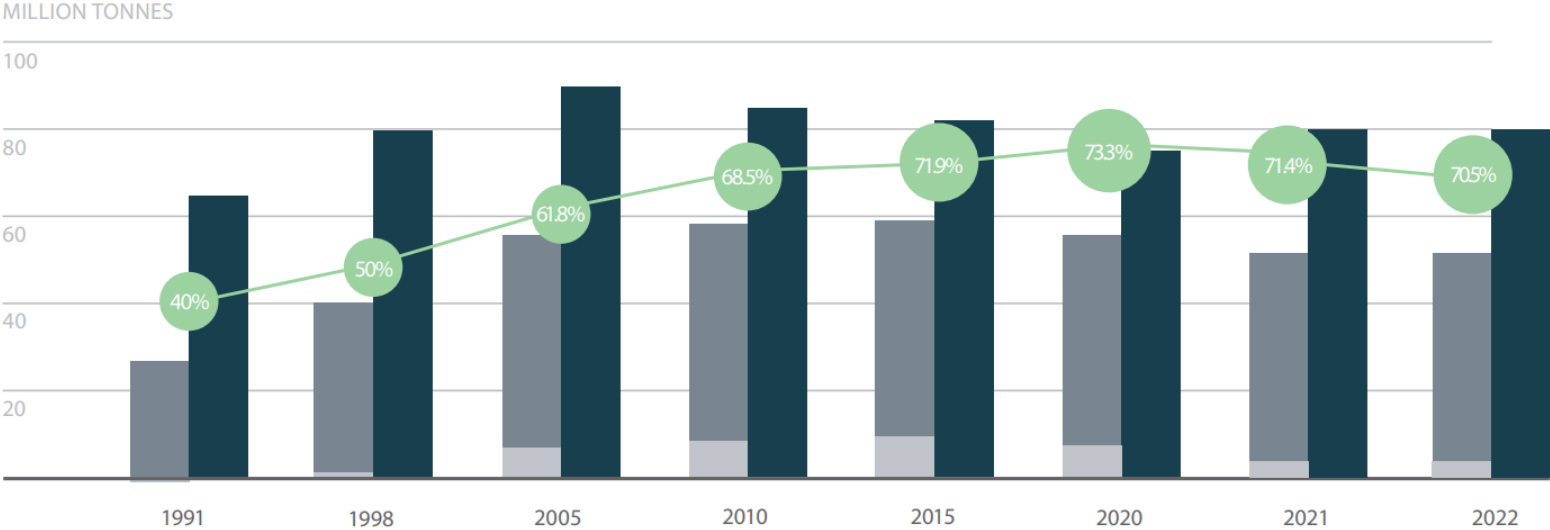
The total amount of paper and board collected and recycled in the paper sector in 2022 decreased by 5.0% to 54.9 million tonnes, while consumption of paper and board decreased by 1.8% to 77.9 million tonnes

Paper recycling in Europe

EUROPEAN RECYCLING 1991-2022

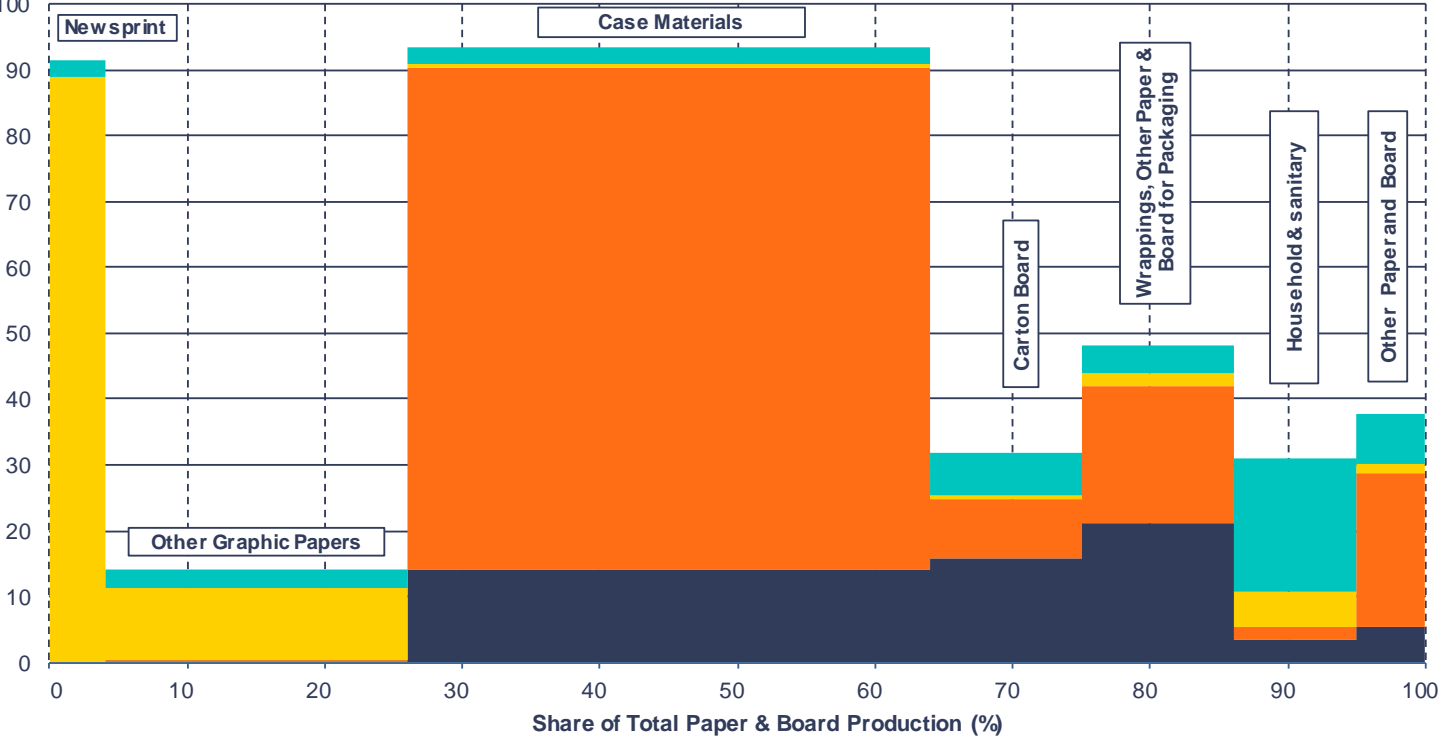
Source: Cepi 2022

- Recycling outside Europe
- Recycling inside Europe
- Paper and Board consumption in Europe
- Recycling Rate



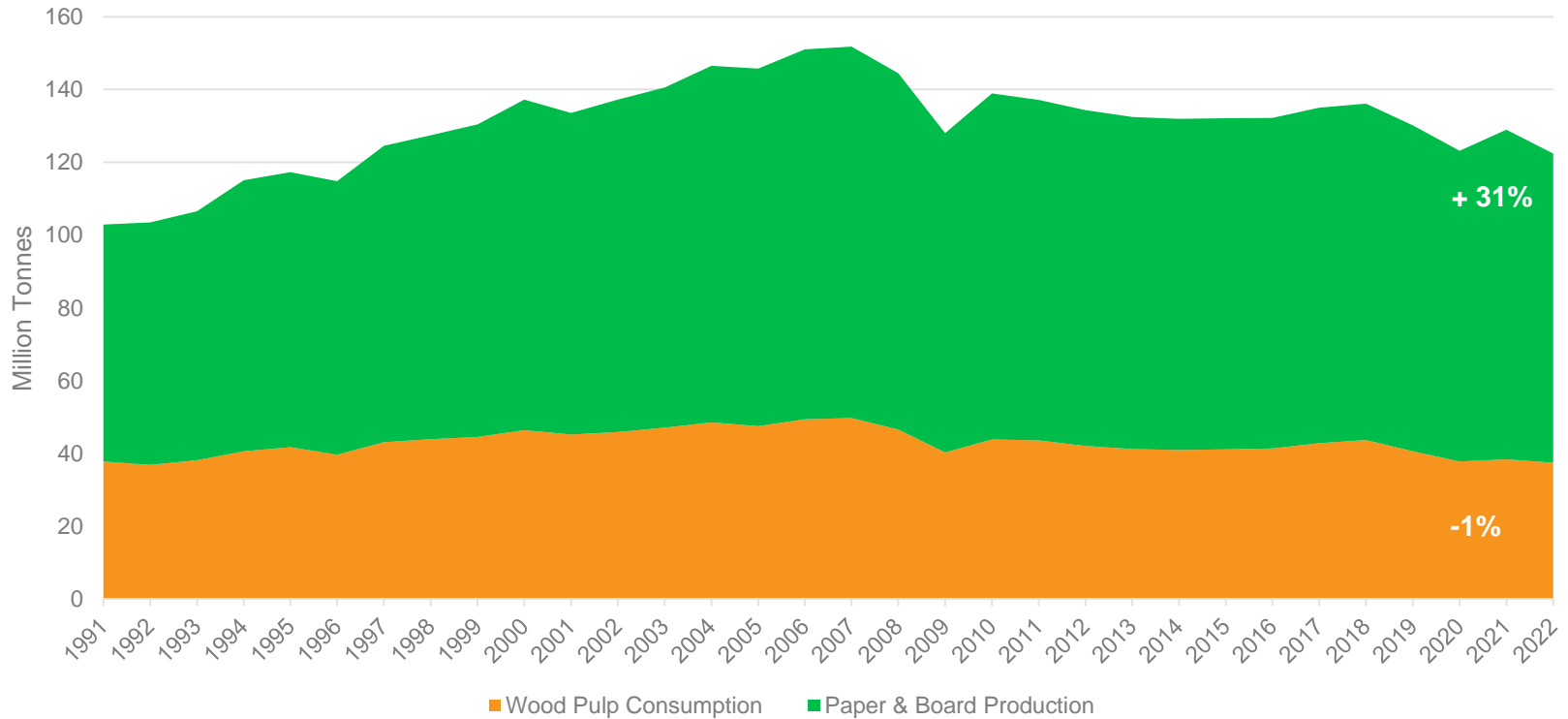
Utilisation of Paper for Recycling by Sector in 2022

Utilisation Rate (%)



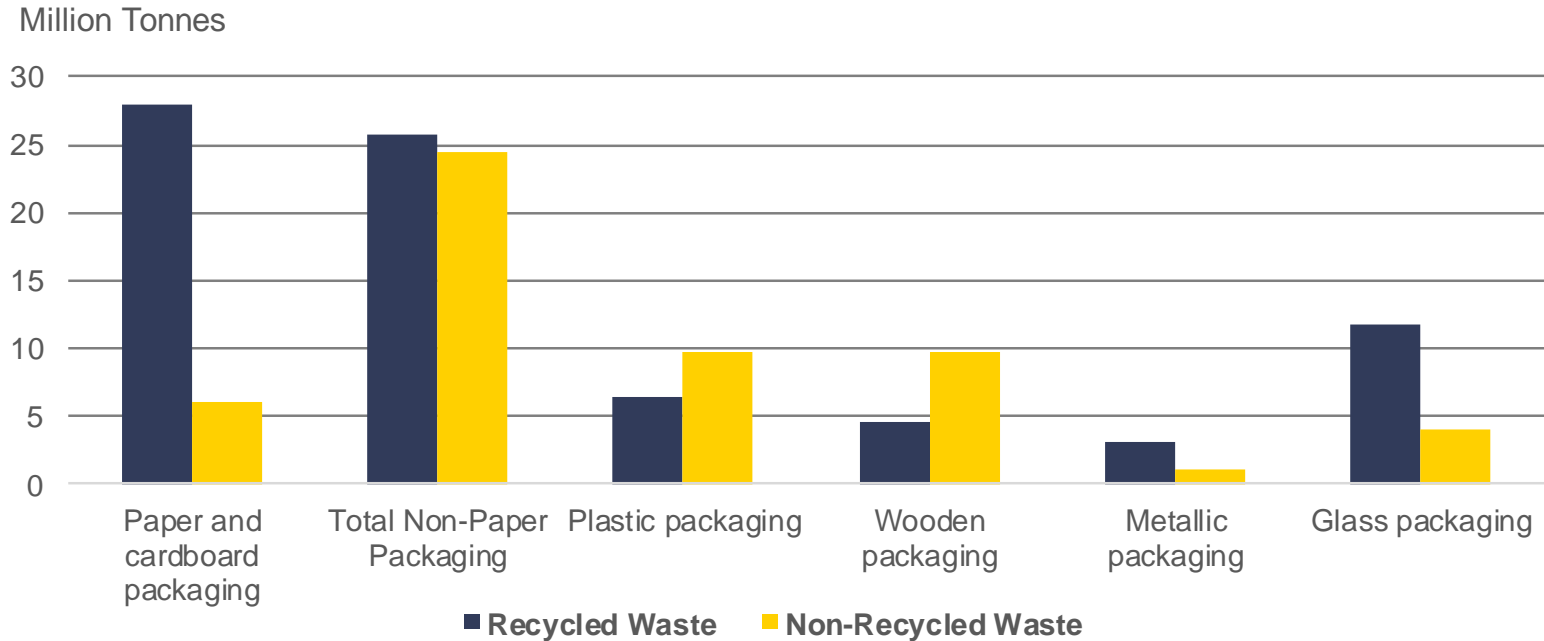
9 ■ Mixed Grades ■ Corrugated and Kraft ■ Newspapers and Magazines ■ Other Grades

European Pulp Consumption and Paper & Board Production

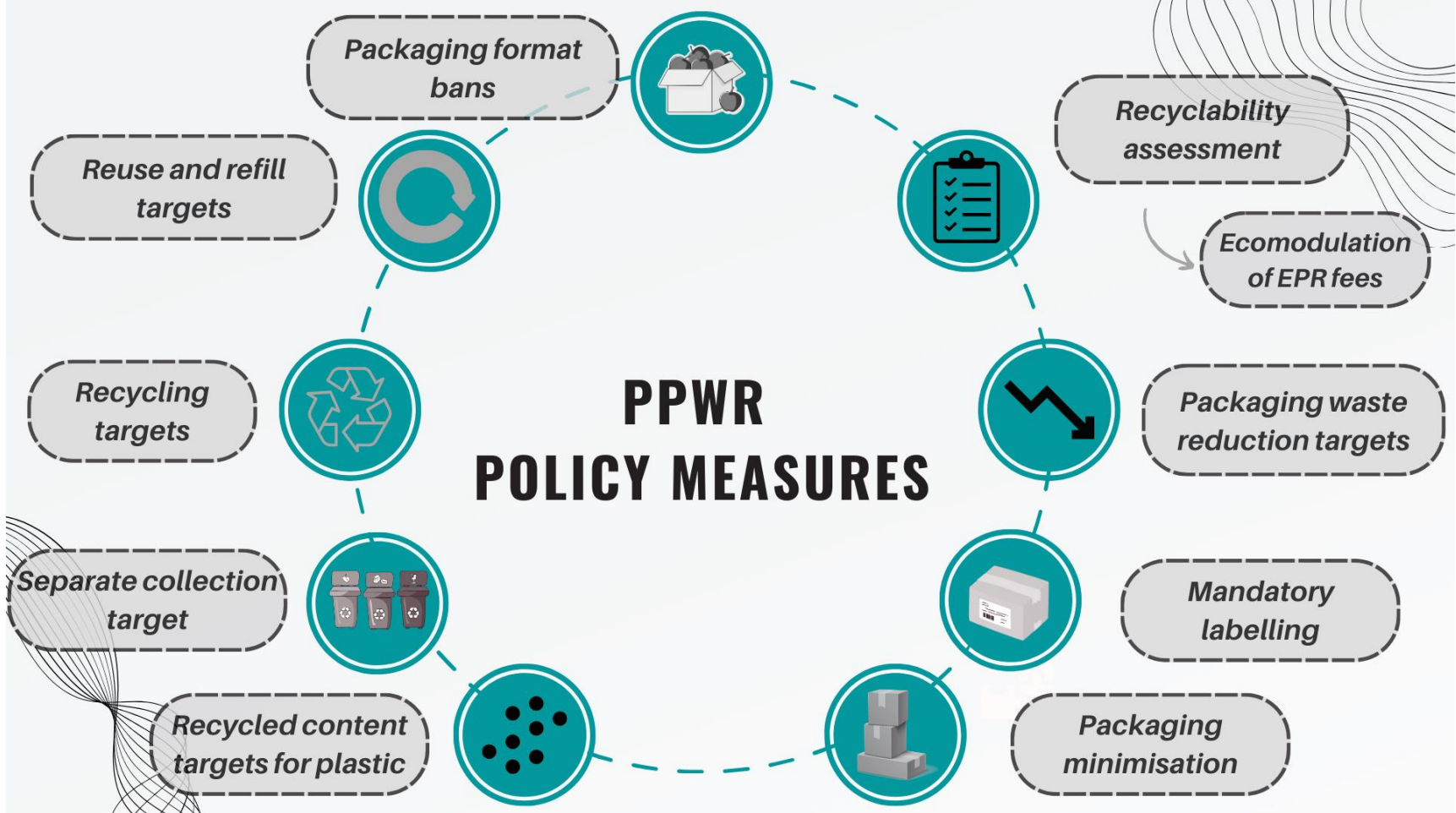


10 Source: Cepi annual statistics 2022

Recycled and Non-Recycled Waste by Sector

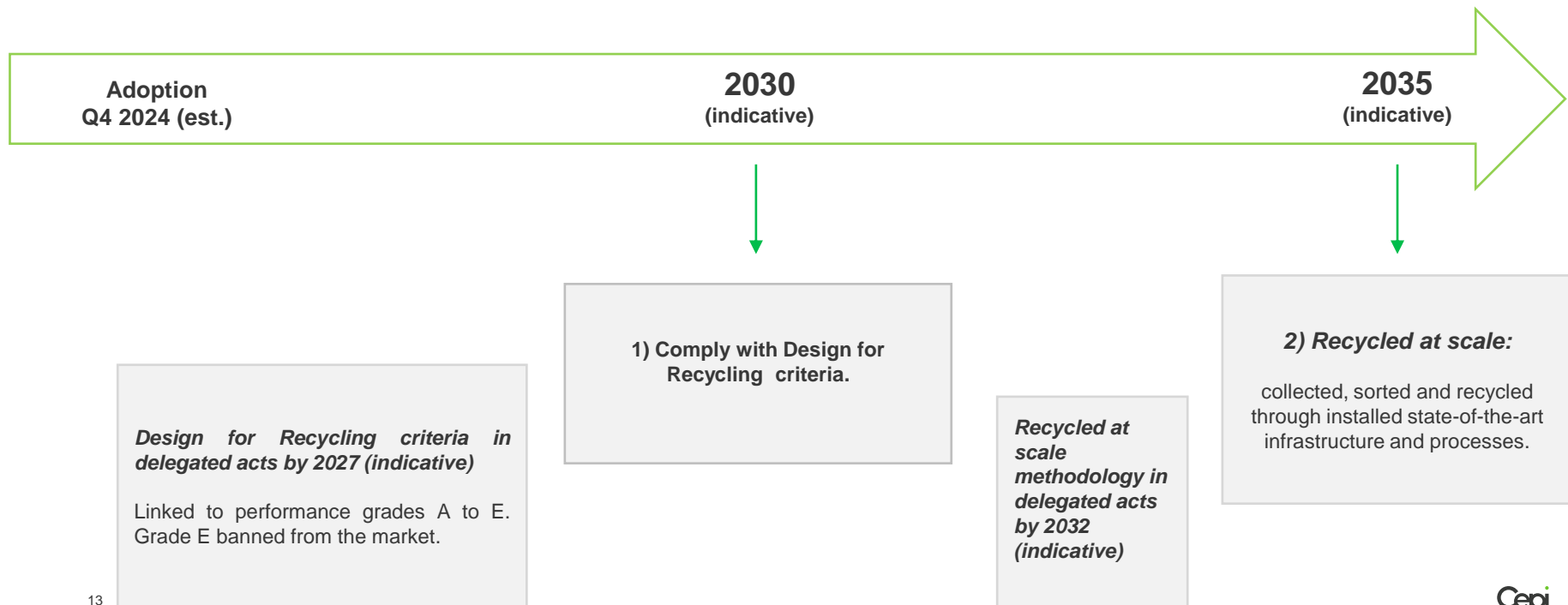


PPWR POLICY MEASURES



Recyclable Packaging

Packaging should comply with 2 requirements:



PPWR: targets 2030 on reuse and restrictions, but also linked to recycling

- Targets on packaging recycling: unchanged 85% recycling rate for paper packaging by 2030
- All packaging recyclable by 2030 (compliance with DfR criteria) and recycled at scale by 2035
- Packaging is considered recyclable if they
 - Are designed for recycling
 - Can be efficiently and effectively collected
 - Can be sorted into streams without negatively impacting other waste streams
 - Can be recycled in a way that the resulting secondary raw material is of sufficient quality to substitute primary raw material
 - Can be recycled at scale

Council and EP propose in addition definitions of high-quality recycling and make it a requirement

Commission proposal	Parliament negotiating position	Council General Approach
Article 3 – point 32a (new)		
	(32a) 'high quality recycling' means any recovery operation, as defined in Article 3, point (17), of Directive 2008/98/EC, that ensures that the distinct quality of the collected and sorted waste is preserved or recovered during that recovery operation, so that the resulting recycled materials are of sufficient quality to substitute primary raw materials;	(32a) 'material recycling' means any recovery operation, by which waste materials are reprocessed into materials or substances whether for the original or other purposes, with the exception of biological treatment of waste, reprocessing of organic material, energy recovery, and reprocessing into materials that are to be used as fuels or for backfilling operations. (32b) "High-quality recycling" means any recycling process by virtue of which produces recycled materials that are of equivalent quality to the original materials, based on preserved technical characteristics, and can be used as a substitute to primary raw materials for packaging or other applications where the quality of the recycled material is retained.

- In Cefi's view, the topic needs to be further examined before making it a requirement. The waste directive would be the appropriate legislation, not a product specific legislation
- for paper packaging, the closed **material** loop has proven strong results and should be considered high-quality recycling.
- Closed **product** recycling not necessary, but rather harmful for the overall paper recycling loop.



JRC SCIENCE FOR POLICY REPORT

Towards a better definition and calculation of recycling

Proposals for calculating recycling yields in multi-output processes and recycling of biodegradable waste, and a quality framework for recycling

Caro, D., Albizzati, P. F., Cristóbal García, J., Saputra Lase, I., Garcia-Gutierrez, P., Juchtmans, R., Gabbarino, E., Blengini, G., Manfredi, S., De Meester, S., Tonini, D.

2023



Initiatives in the paper packaging value chain to prepare for 2030



Harmonised European laboratory test method to generate parameters enabling the assessment of the recyclability of paper and board products in standard paper and board recycling mills

<https://www.cepi.org/cepi-recyclability-test-method-version-2/>

Short title: CEPI recyclability laboratory test method

Version 2, October 2022

15 pages

Cepi vision on paper collection and sorting in Europe:

In the household as well as in public areas, two different streams for discarding paper based packaging will be made available, between which the consumer will have to distinguish

Regular paper and board bin:

Paper and board (monomaterial) (no labelling system needed), which have no food residues or only light stains

Paper-based composites, if they carry a label indicating it's recyclability in standard paper recycling process and it has no food residues or only light stains



Collection and sorting mainly based on the value of the material obtained, recycling in standard packaging recycling mills

2nd fibre based, lightweight packaging/PMD/yellow bag (DE):

Paper-based composites, if they carry a label indicating it's recyclable in specialised recycling processes

Monomaterial paper and board (no labelling system needed) with clearly visible 3D food residues



Collection and sorting mainly based on EPR fees, recycling in special mills

4evergreen target: 90% recycling rate by 2030

FIBRE-BASED PACKAGING RECYCLABILITY EVALUATION PROTOCOL

BETA RELEASE
DECEMBER 2022



CIRCULARITY BY DESIGN GUIDELINE FOR FIBRE-BASED PACKAGING

VERSION 2
June 2023



GUIDANCE ON THE IMPROVED COLLECTION AND SORTING OF FIBRE-BASED PACKAGING FOR RECYCLING

August 2022



European Paper Recycling Council Awards

19 February 2024, 17h - 19h
European Parliament, Brussels

Hosted by MEP Susana Solís (Renew, ES)



The event takes place every two years with the specific goal to highlight and reward european projects, initiatives or campaigns that change the way we recycle paper in Europe and help us achieve our ambitious goal of a 76% paper recycling rate by 2030.

The ceremony awards the winners who have presented excellent and game-changing projects in two categories: Innovative Technologies and R&D and Information & Education.



[link to register](#)



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EUROPEAN

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