

Excellence in Plastics



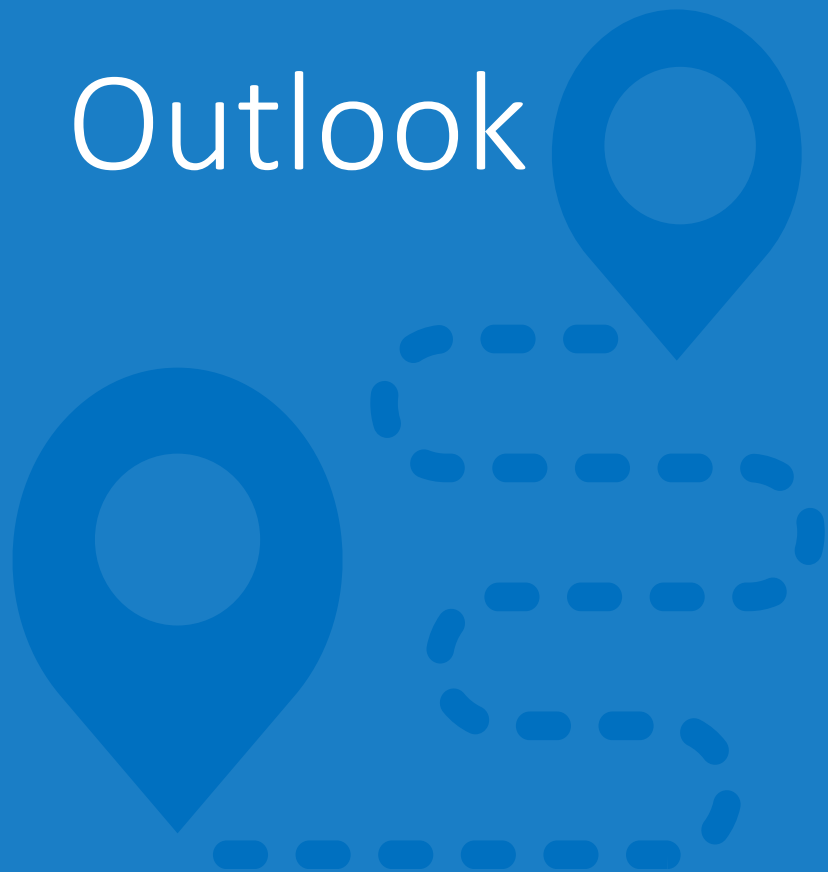
URBANREC Final Conference

Anabel Crespo – Head of composites department – AIMPLAS

acrespo@aimplas.es 6th November 2019



Outlook



AIMPLAS

CIRCULAR ECONOMY

URBANREC



What is AIMPLAS?

A **technology centre** with more than 25 years' experience in the plastic sector.

Market Orientation



Packaging



Construction



Automotive and transport



Recycling



Printing



Aeronautics



Agriculture



Electrical and Electronics



Energy



Health



Navigation



Aerospace

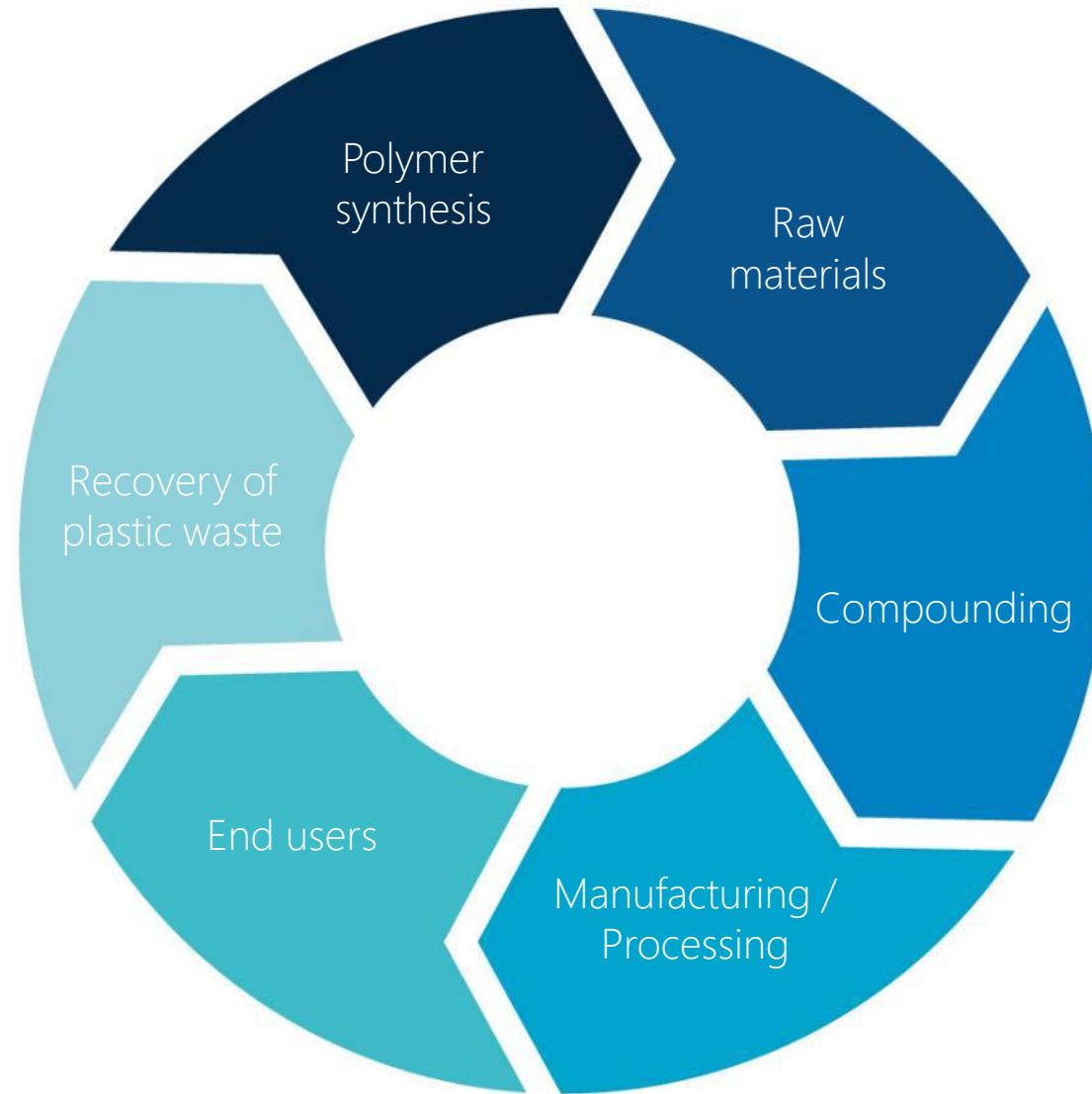


Furniture

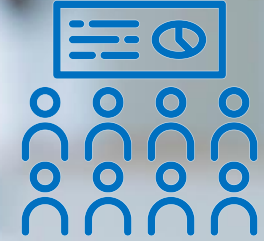


Sports and Leisure

Expertise across
the entire plastics
value chain



Solutions for Plastics



1. R&D&I

2. Technology services

3. Training and events



RESEARCH AREAS ORGANIZED BY

Societal Challenges

Health

Industry 4.0

Circular economy

Climate change. Decarbonization of the economy

Food safety

Sustainable agriculture and silviculture

Sustainable mobility

Voluntary certification of plastic waste treatment facilities

Product ecolabelling

Recyclable/Biocom products

Use of plastic materials from renewable sources



Eco/Circular design of products



More efficient production processes



Industrial symbiosis



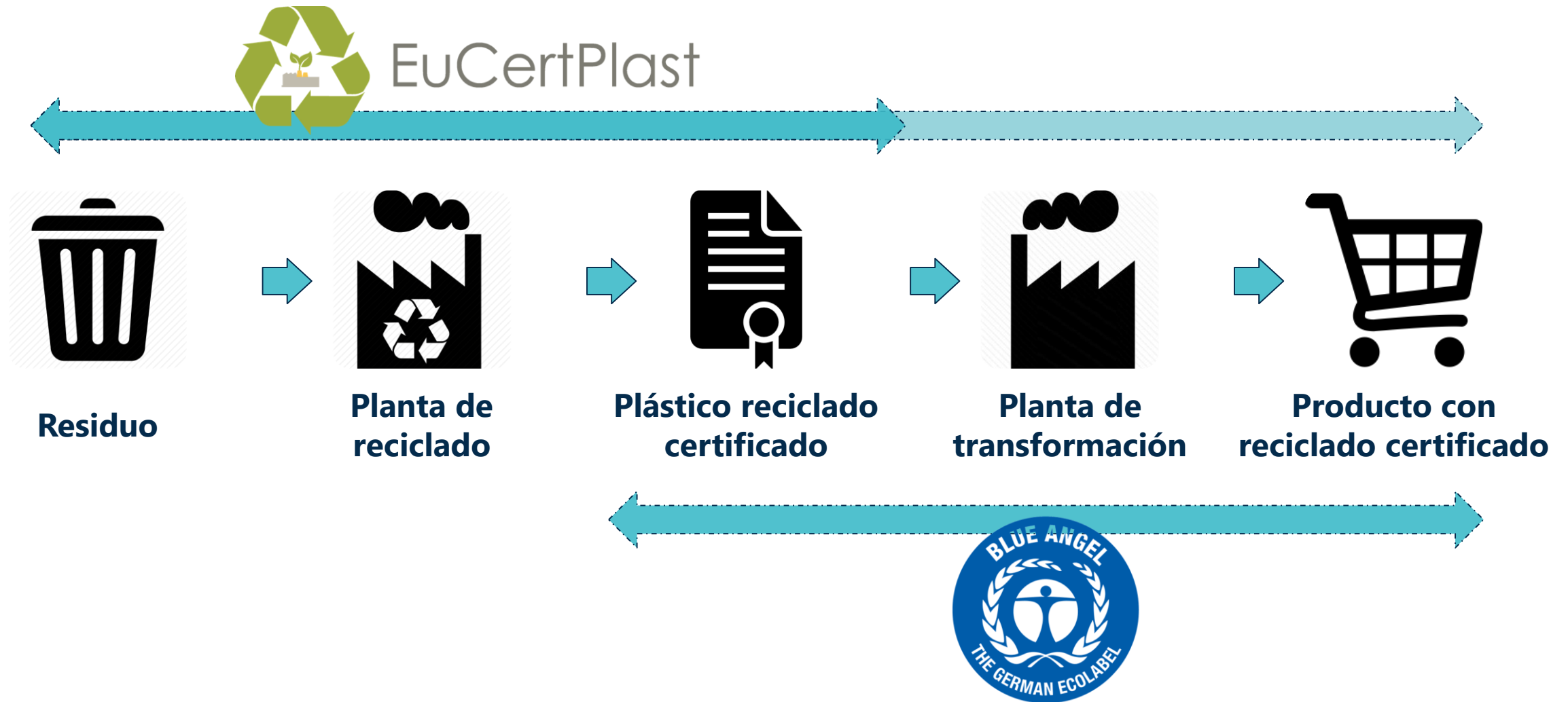
Use of recycled plastic materials



CIRCULAR
economy
by AIMPLAS

OPPORTUNITIES
FOR YOUR COMPANY

AIMPLAS has expert auditors accredited by
EuCertPlast and recognised by Blue Angel



AIMPLAS participates in 20 Standardization Committees (national & international level)

AEN / CTN 53 / SC 8 "Recycled materials" (presidency)

AEN / CTN 323 "Circular economy"

CEN / TC 249 / WG11 "Plastics recycling"

CEN / TC 249 / WG20 "Analytical methods for contaminants in recycled plastics"

CEN / TC 155 / WG 25 "Recycling of PVC-U, PE and PP materials"

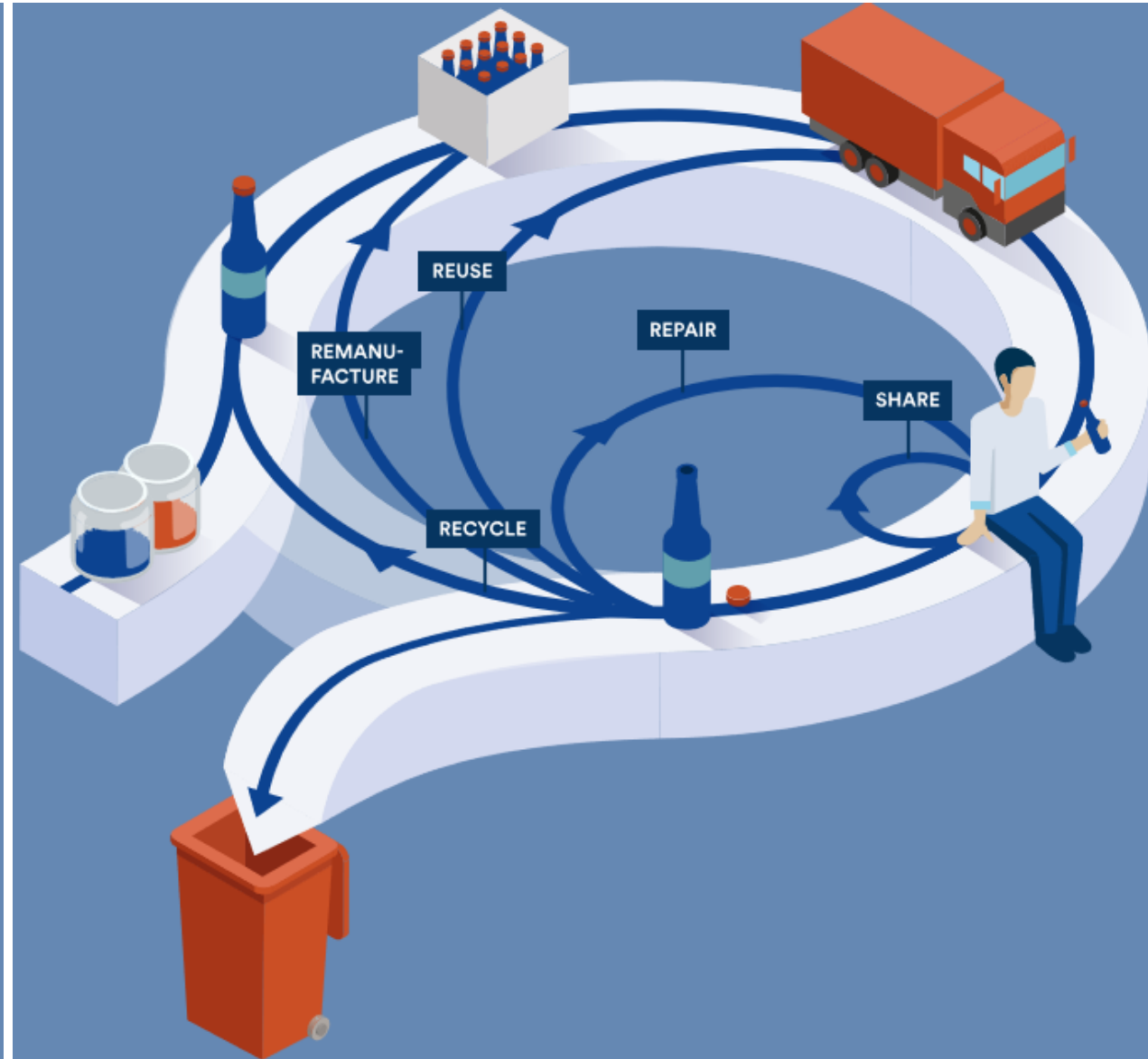
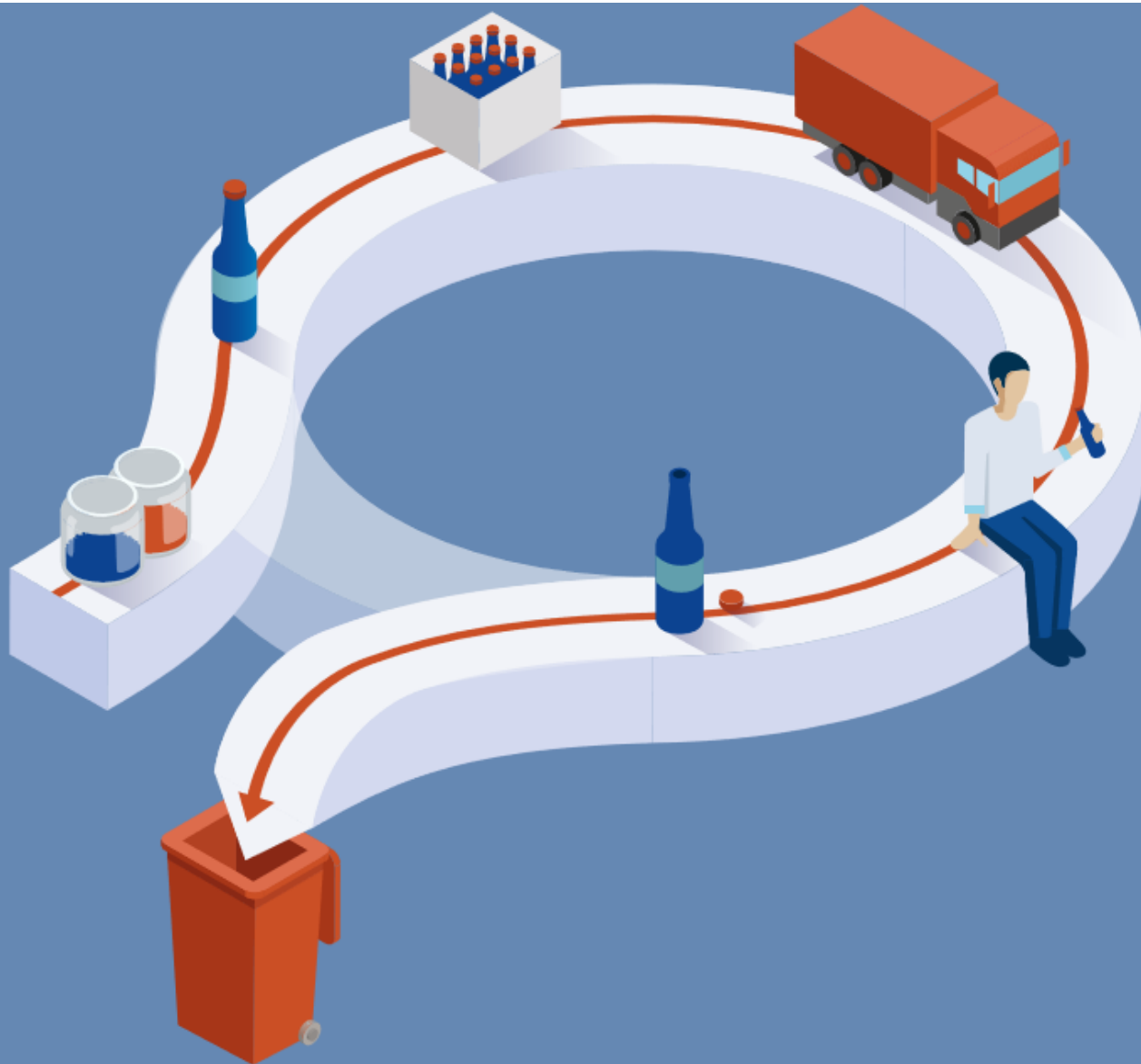
ISO / TC 61 / WG05 "Mechanical and chemical recycling"

ISO / TC 323 "Circular economy"



CIRCULAR ECONOMY

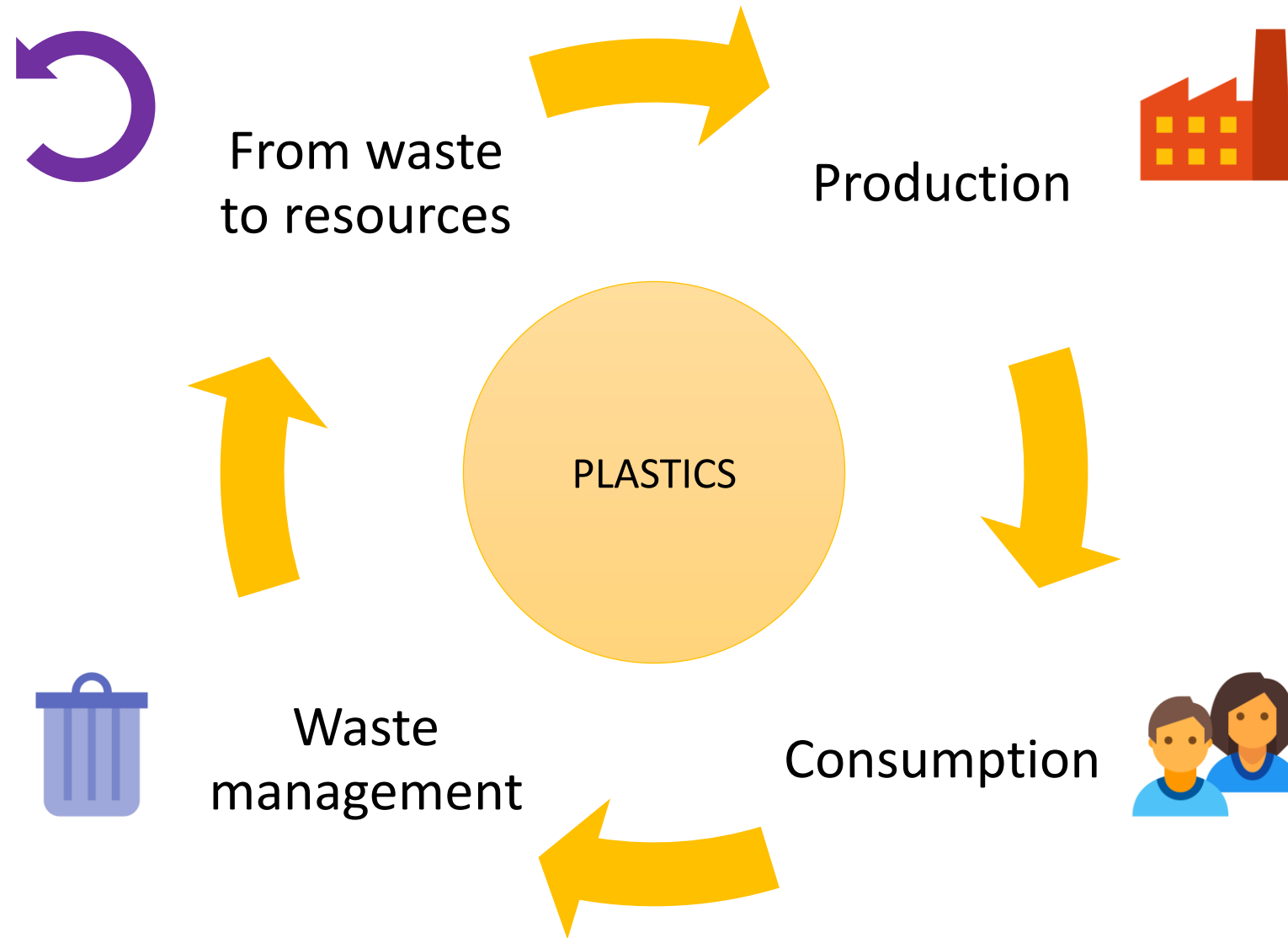
Paradigm shift (EU)



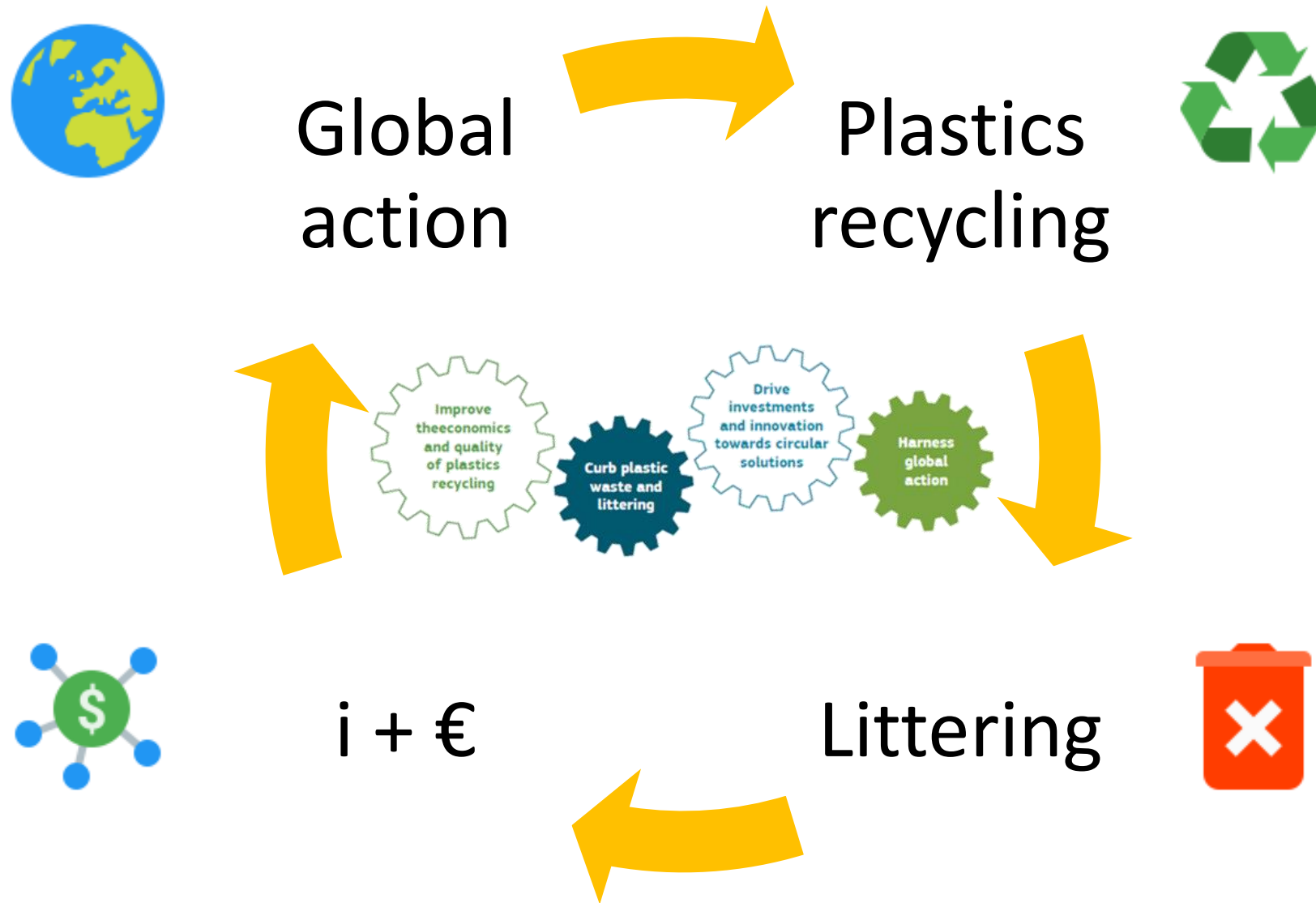
Transition to a more circular economy, where the **value of products, materials and resources is maintained in the economy for as long as possible, and the generation of waste minimised**, is an essential contribution to the EU's efforts to **develop a sustainable, low carbon, resource efficient and competitive economy**



Closing the loop - An EU action plan for the Circular Economy



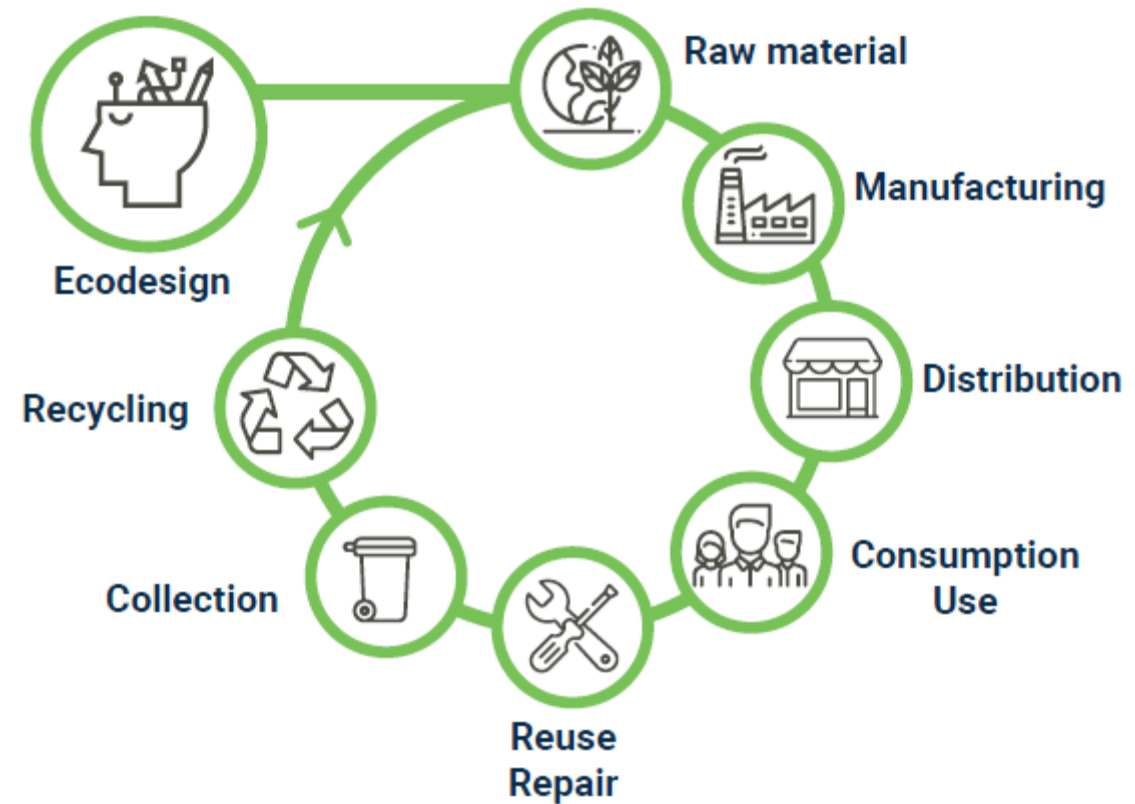
A European Strategy for Plastics in a Circular Economy



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Designing sustainable bulky items

5. Extending Ecodesign Directive to bulky products



Quality standards, certification, information and warranty



www.blauer-engel.de



www.nordic-ecolabel.org



www.marque-nf.com



www.milieukeur.nl



www.aenor.es



www.gencat.cat/dmah



www.ecolabel.eu

10. Extending Ecolabel to bulky items and re-use

The Möbius loop is the symbol to be used when making a statement that a product is recyclable



The Möbius loop accompanied by a percentage value is the symbol to be used when making a statement about the recycled content of a product



Figure 13. Examples of environmental labels (Type I).

Figure 14. Examples of self-declared environmental claims (Type II): recyclable and recycled content (according to ISO 14021).

www.aimplas.net

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