

PET PACKAGING

HOW TO IMPROVE CIRCULARITY VIA THE LATEST SORTING TECHNOLOGIES?



Donnons ensemble une
nouvelle vie à nos produits.



Introduction



CITEO IS A **MISSION-LED BUSINESS** SET UP 30 YEARS AGO
BY THE FAST-MOVING CONSUMER GOODS AND RETAIL SECTORS
TO **REDUCE THE ENVIRONMENTAL IMPACT OF THEIR PACKAGING AND PAPER
WASTE** BY PROPOSING SOLUTIONS FOR WASTE REDUCTION, REUSE, SORTING
AND RECYCLING.

Citeo manages regulatory obligations regarding

- the **packaging EPR scheme**
- the **paper EPR scheme**



What we do

Financial & operational activities





~ 50 000

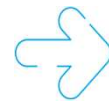
clients* (France)


~ 1 bn€

Turnover (France)


66 %

Recycling rate
(Household packaging)



A private company



FMCG and retailers as shareholders



400 employees



**Under French government
Approval for French EPR activities**

*Household packaging Citeo + Adelphe

Citeo Services :



organise collection, sorting and recycling for improved performance at a better price (100 bn packaging on the French market each year)



manage research programmes to develop eco-design and move Industrial processes forward (R&D and innovation).



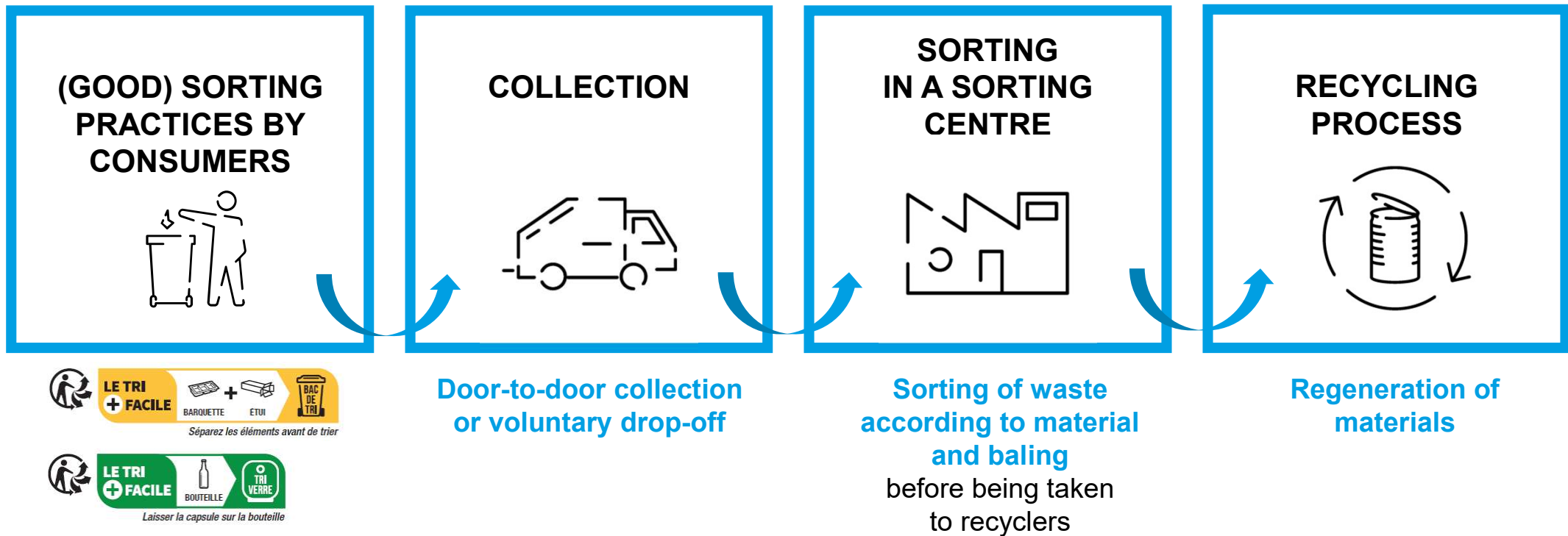
inform and raise public awareness of sorting used packaging and paper.



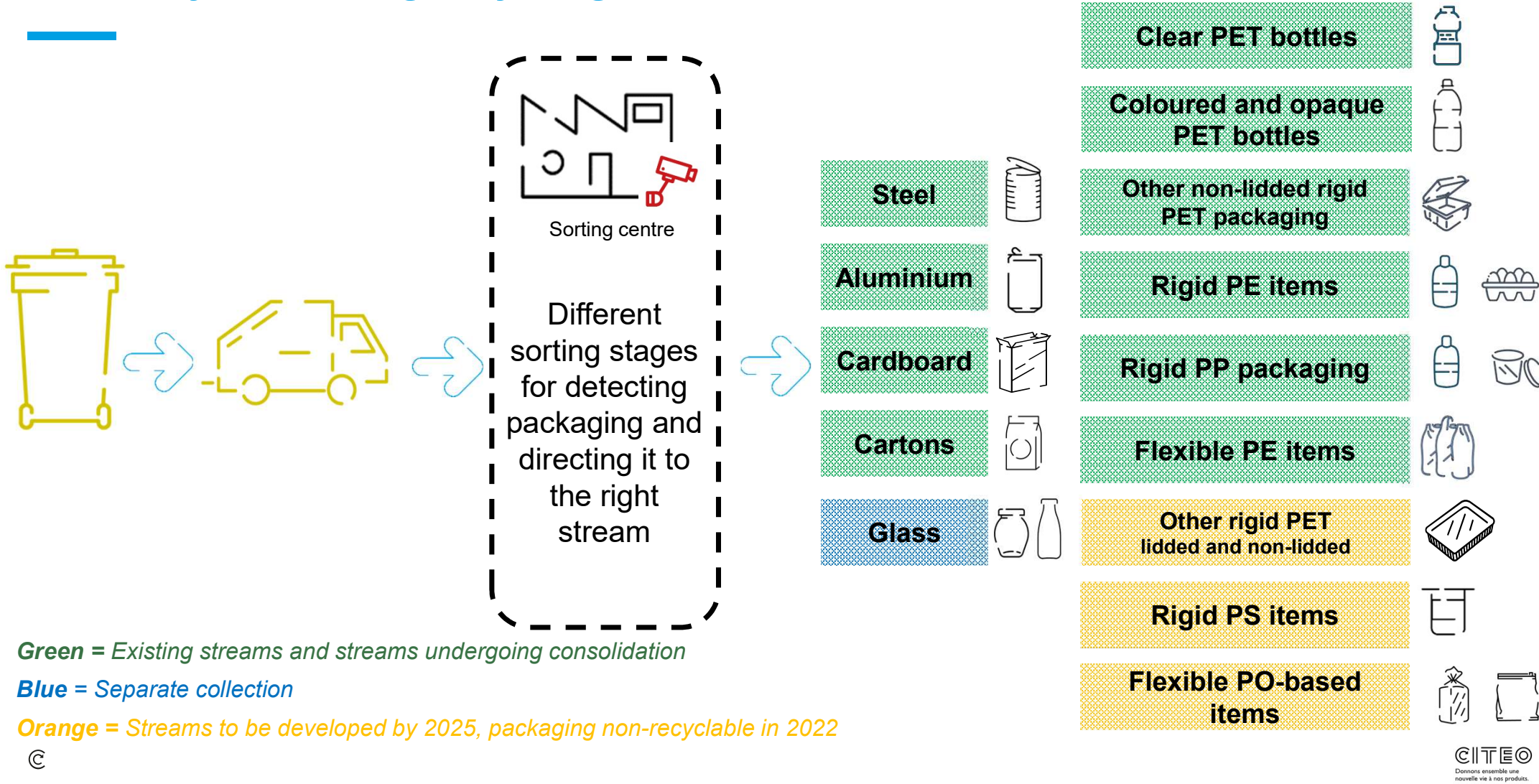
advise for packaging ecodesign, circular solutions, way to organize consortium to set up new circular systems in France and globally (DRS? Reuse? EPR?...)

Recyclability definition

Packaging is recyclable if a **nationwide** industrial recycling stream is available so that it can be **collected**, **sorted** and **recycled** in order to be returned to use in the form of raw materials or products.



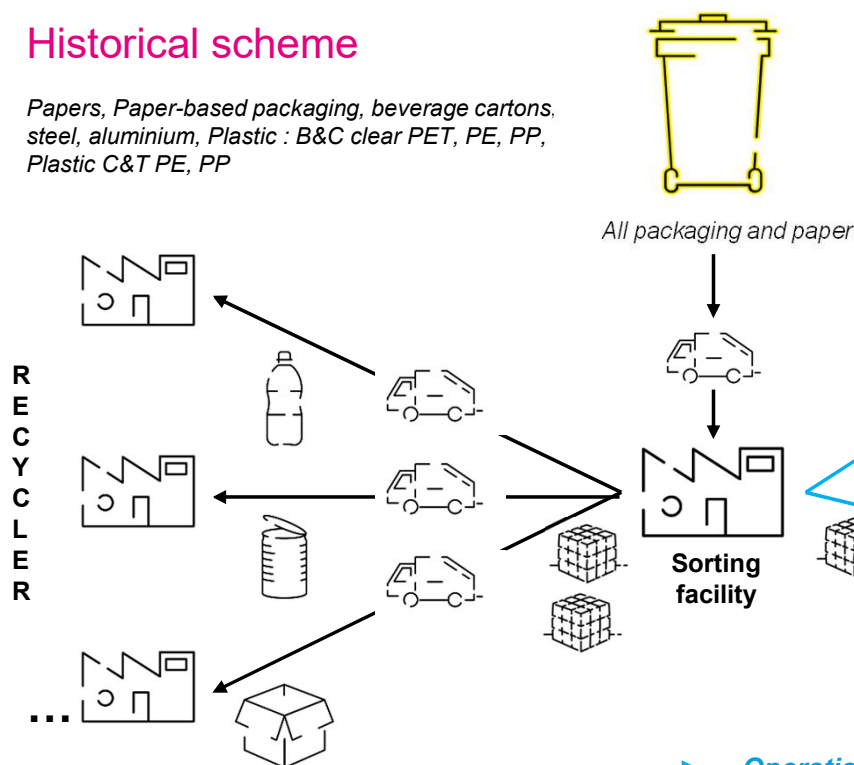
Summary of existing recycling streams in France



A new operational role for CITEO

Historical scheme

Papers, Paper-based packaging, beverage cartons, steel, aluminium, Plastic : B&C clear PET, PE, PP, Plastic C&T PE, PP



Development stream scheme

Plastics : B&C colored PET, C&T PET, C&T PS, Flexible PE, PP, PO

Rigid development stream

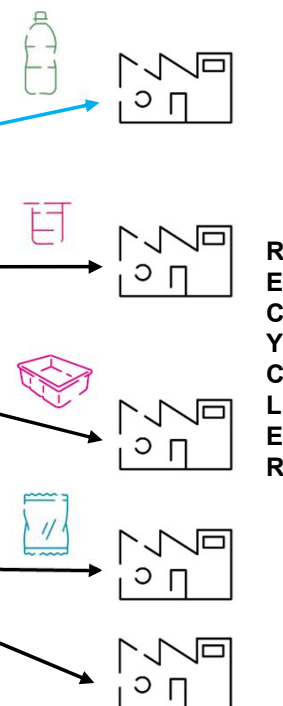
Additional sorting step

Flexible development stream

Preparation

Preparation

B&C : Bottles & Containers
C&T : Cups & Trays (Others rigids)



2021 / 2024 : CITEO invested in 3 oversorting centers in France



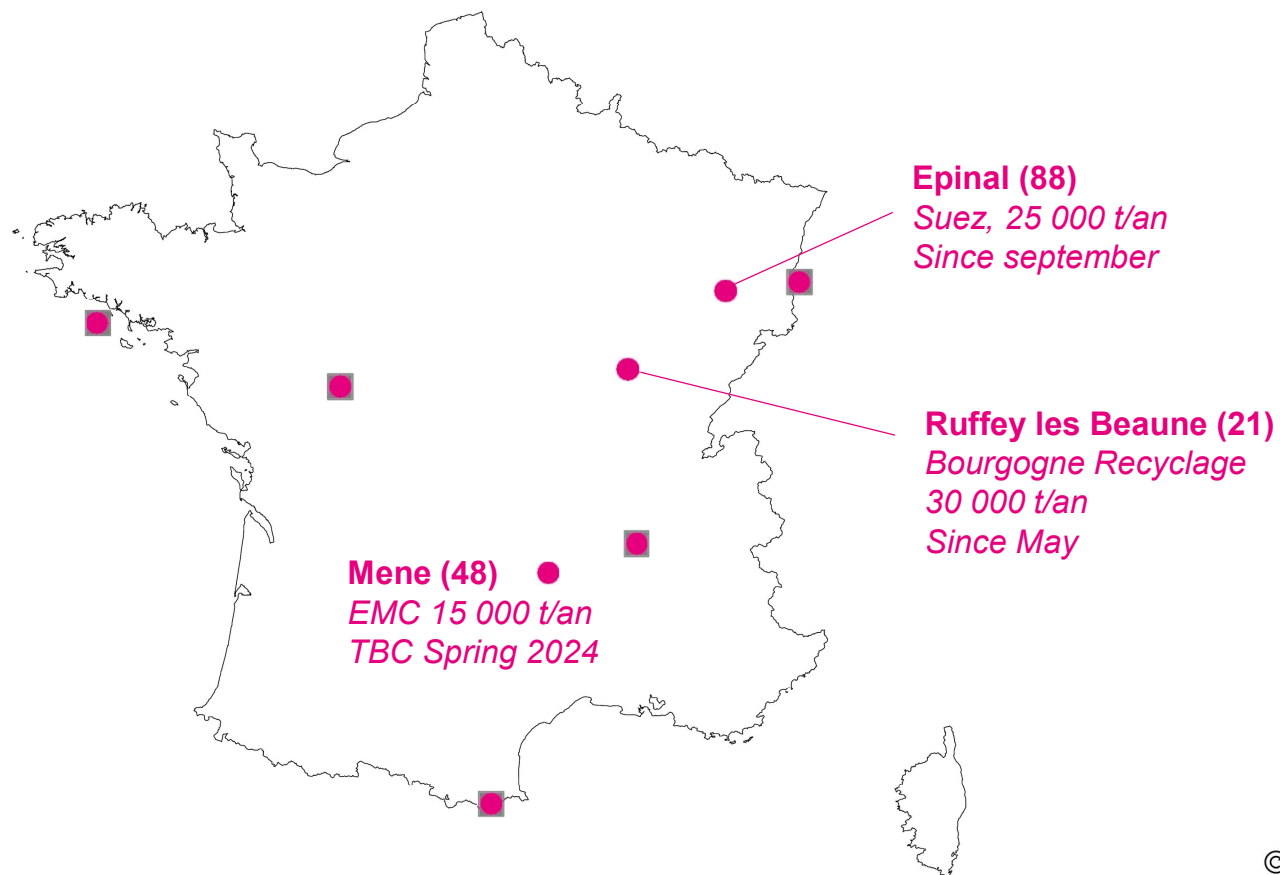
AMI pour la création de capacités de surtri du flux développement

#extension des consignes de tri

#appels à projets

- Oversorting centers created by Citeo
- Other oversorting centers

3 projects for 70 000T/year oversorting
50M€ investment for Citeo



2022 / 2030 : CITEO launched a call for tender for the recycling of development stream



Appel d'offres : recyclage des emballages en plastique ménagers pour les années 2023 et suivantes

#recyclage

#plastiques

- Selection of the most relevant recycling technologies
- Create the favorable conditions for close loop recycling
- Give visibility to recyclers with long-term supply contract

« PET pots an trays »
PET lidded and non lidded



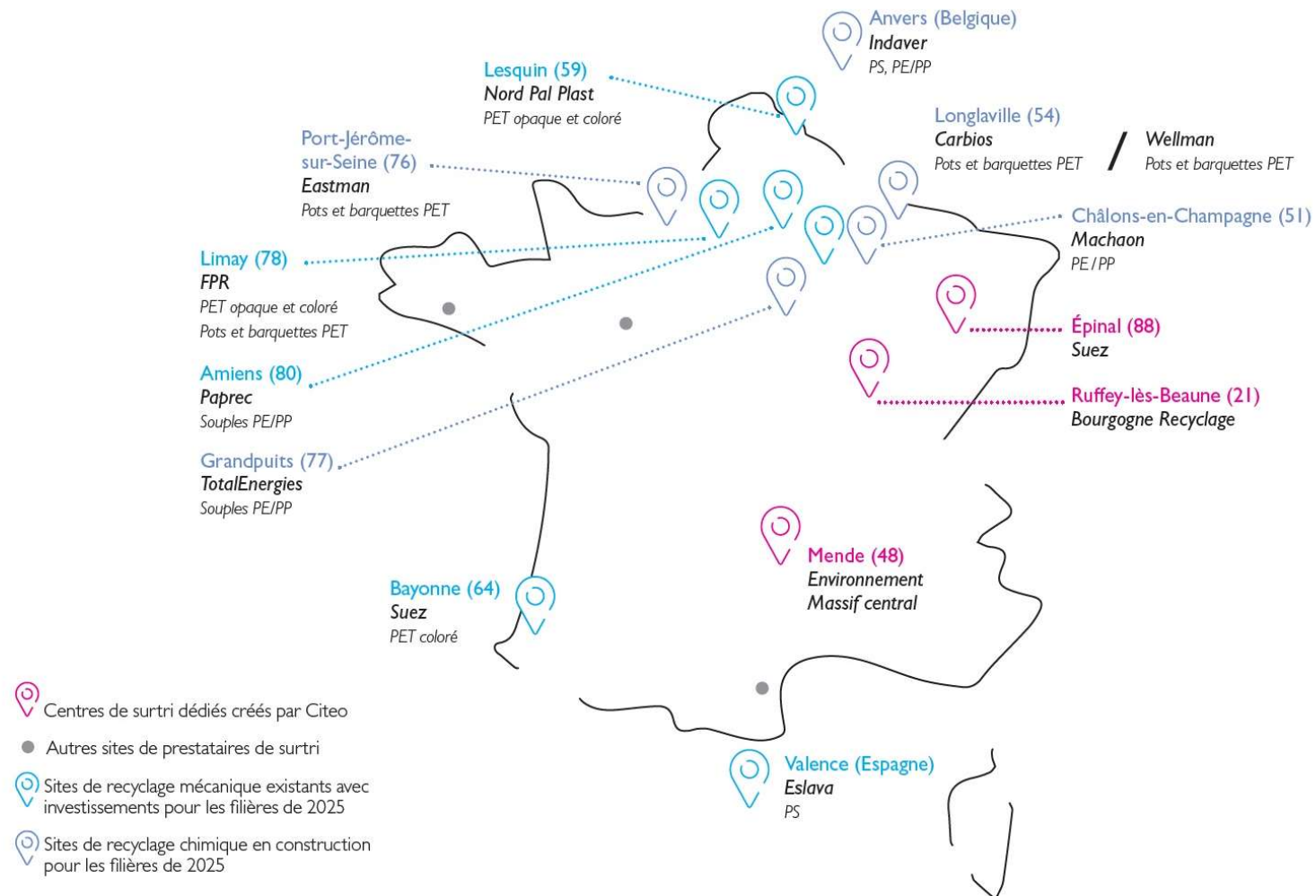
« PS Pots & trays »



Flexible packaging PE, PP
and PO based



Oversorting facilities establishment & New recycling streams



Thank you !



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