

Feedback on white containers circularity in France

PETCORE Europe Conference
Vincent Colard 15/06/2022

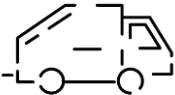


Donnons ensemble une
nouvelle vie à nos produits.



Citeo, a private company with restrictions imposed by the French government

Role and responsibilities of the eco-organisation:



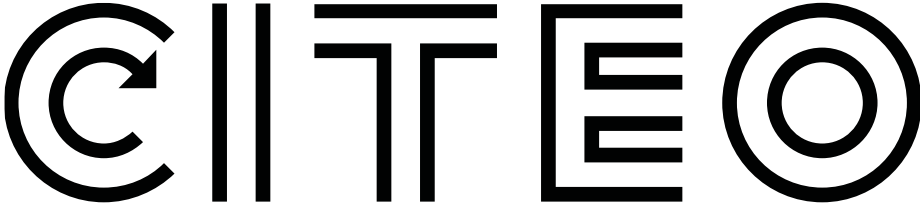
organise collection, sorting and processing of waste packaging and paper for improved performance at a better price.



manage research programmes to develop eco-design and move Industrial processes forward.



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



A private company



A general interest mission



Not-profit



Under French government approval

What about packaging recyclability into French law?



**Tend to 100%
plastic packaging
recyclable by 2025**

Décret 3R

**All packaging must
be recyclable by
2030, including
reusable ones**

Loi AGEC

**Brand owners have to
publish on-line recyclability
of their packaging, based
on EPR companies info**

Décret
caractéristiques
environnementales
des produits

Is a white PET bottle recyclable in France ?

YES

Based on shared methodology adapted from  proposal
and  guidelines

Opaque PET bottles in France

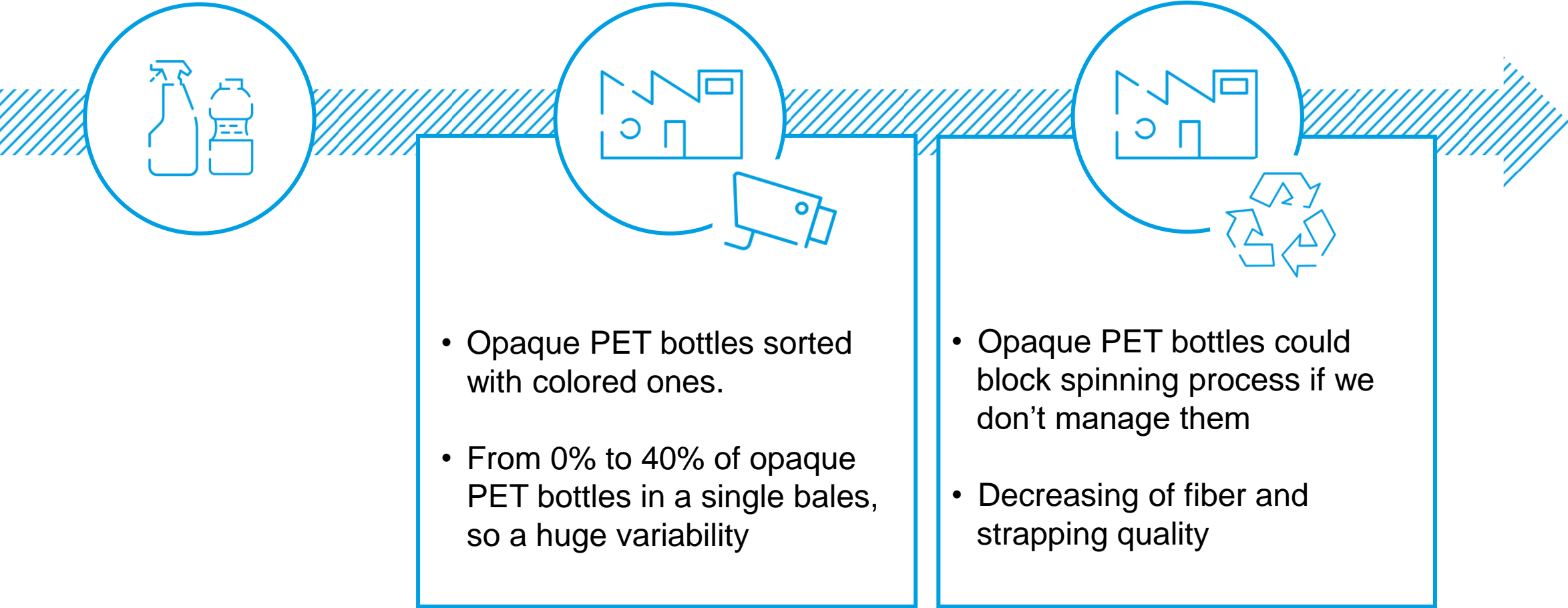
12 000 tons,
eq. **3%** of all PET bottles on the French market

60% are white bottles (2 and 3 layers mostly)

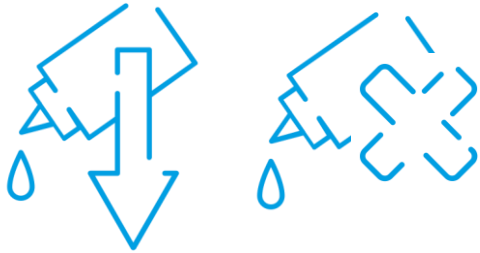
- No market size increasing since 4 years
- Different products, different bottles
- An international success for opaque bottles



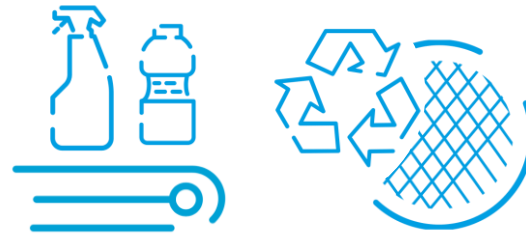
Opaque PET bottles, what happens in 2016-2017 ?



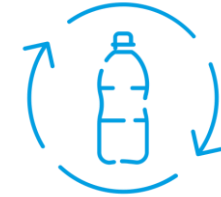
R&D program 2017-2020



- Less opacifier, same barrier
- Less opacifier, same amount of clear rPET in yellow bottle without impacting the color
- Remove mineral on red bottle

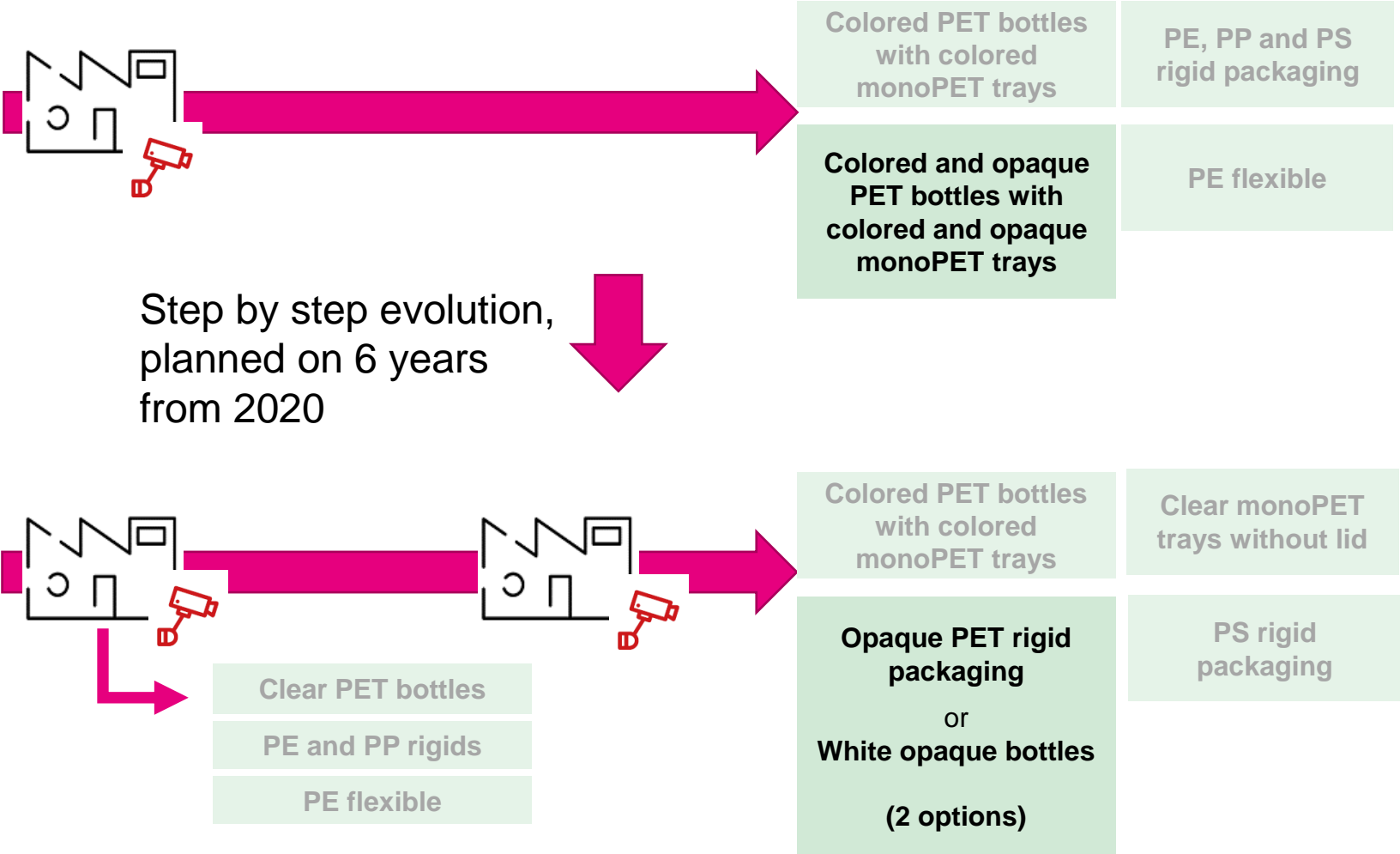


- Quality management system on opaque in colored PET bales
- Knowledge improvement on opacifier impacts and how fiber production could use more opaque bottles



- Chemical recycling at pilot scale
- Bottle to bottle recycling for food or non food products, in existing recycling plants

Sorting adaptation to develop plastic recycling 2020 - 2022



100% rPET grey bottles on the French market



Grey color decided by packaging converters, brand owners and retailers

Good feedback from consumers

Opaque bales demand > Offer

March 2022 – new sorting organization from 2023, by law

17 mars 2022

Publication du CDC modifié au bulletin officiel [emballages
uniquement]

Notice descriptive PDF

Titre :	ANNEXE À L'ARRÊTÉ DU 15 MARS 2022 PORTANT MODIFICATION DE L'ARRÊTÉ DU 29 NOVEMBRE 2016 MODIFIÉ LA PROCÉDURE D'AGRÈMENT ET PORTANT CAHIER DES CHARGES DES ÉCO-ORGANISMES DE LA FILIÈRE DES EMBALLAGES MÉNAGERS.
Numéro NOR :	TREP2135200A
Ministère:	Ministère de la Transition Écologique et Solidaire - Ministère de la Cohésion des Territoires et des Relations avec les Collectifs Territoriaux
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Lien :	 https://www.legifrance.gouv.fr/eli/arrete/2022/3/15/TREP2135200A/jo/texte



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

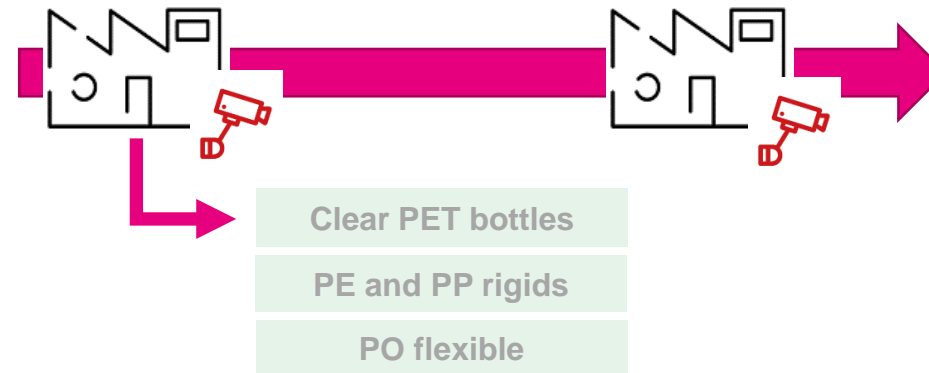
#recyclage

#plastiques

New organization

Municipalities with extended sorting in 2022

2/3
plastic tons in 2022

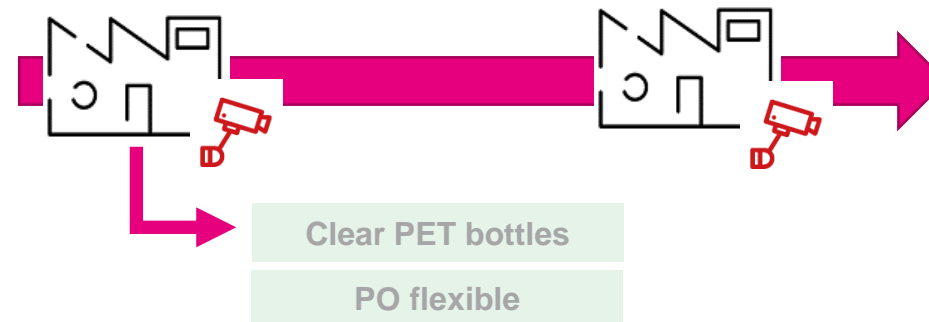


Clear monoPET +
PET/PE trays

PS XPS EPS rigid
packaging

Municipalities without extended sorting in 2022

1/3
plastic tons in 2022



Clear monoPET +
PET/PE trays

PS XPS EPS rigid
packaging

2022 call for recyclers



- Colored PET bottles with opaque bottles except white
- White opaque bottles
- Clear monoPET + PET/PE trays
- PS XPS EPS rigid packaging
- PO flexible

Summer 2022 :
recycler/project
selection



3-, 6- and 9-years
contract with recyclers
on realistic tonnage
estimation

Winter 2023 :
first bales

Publication : March 2022
Answers : Mai 2022

**If you have any
question**



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