

Mineral oils

French situation

02/03/2021



Donnons ensemble une
nouvelle vie à nos produits.

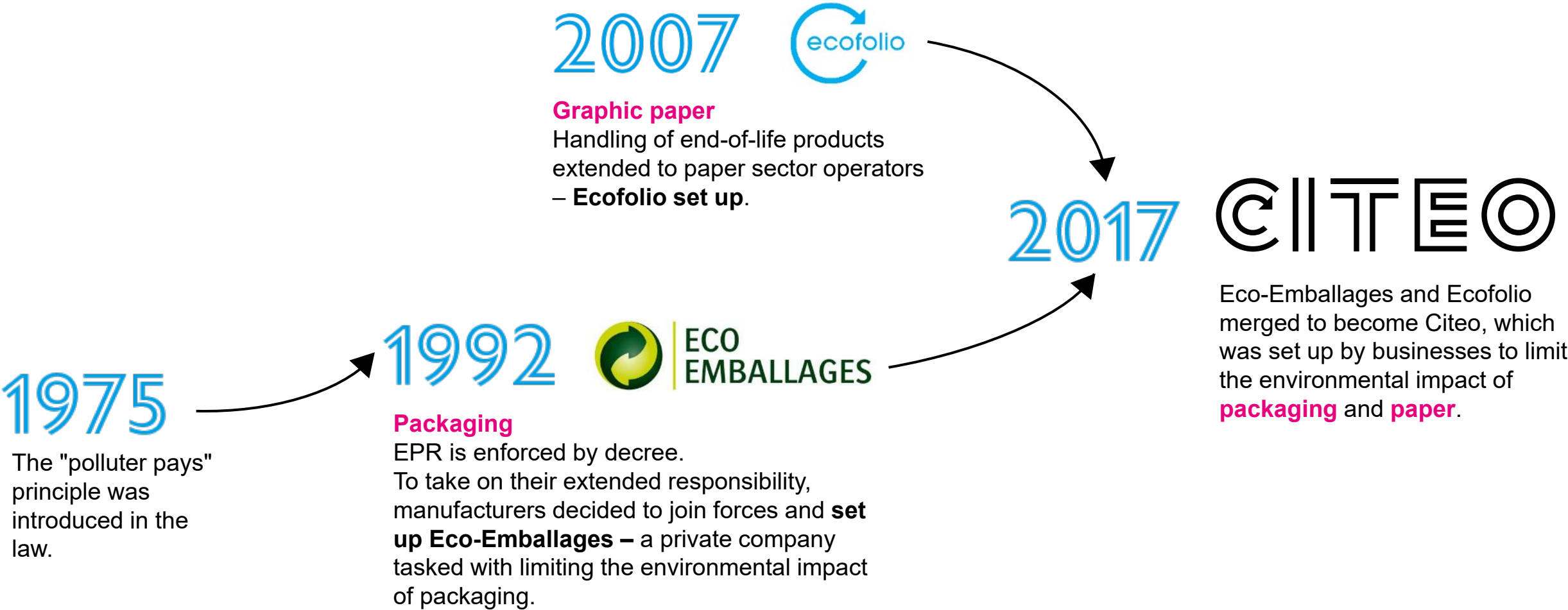


01

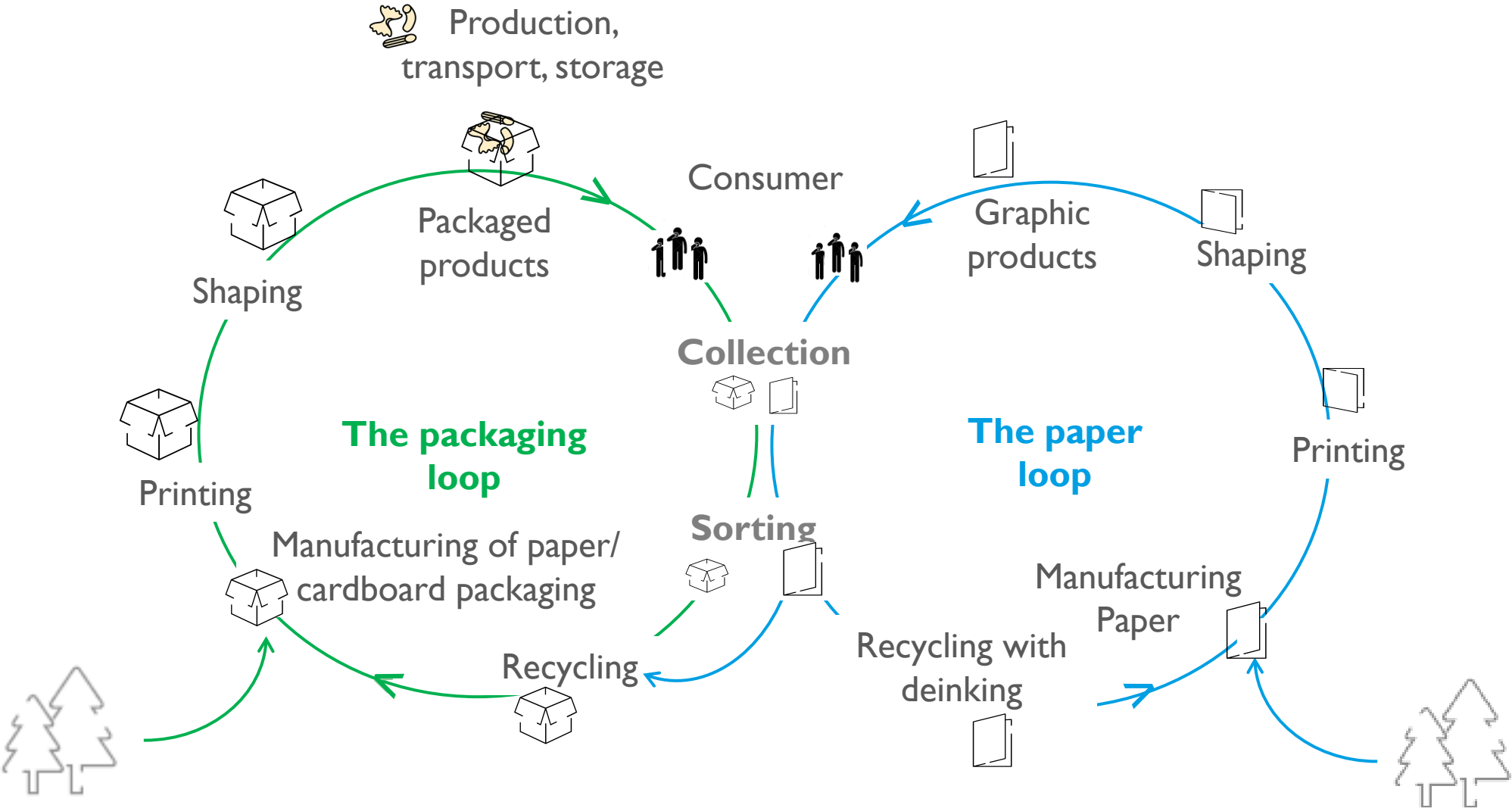
Citeo



Citeo, a non profit private company in charge of EPR for paper & packaging



A new global view of paper & cardboard material flows

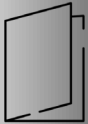


02

Mineral oils in the circular economy



Developing knowledge on MOSH & MOAH issues on paper & packaging



Understanding
Recommandations
Voluntary initiatives

Action plan

Packaging

2018

Graphic papers

2018

Retailers prints

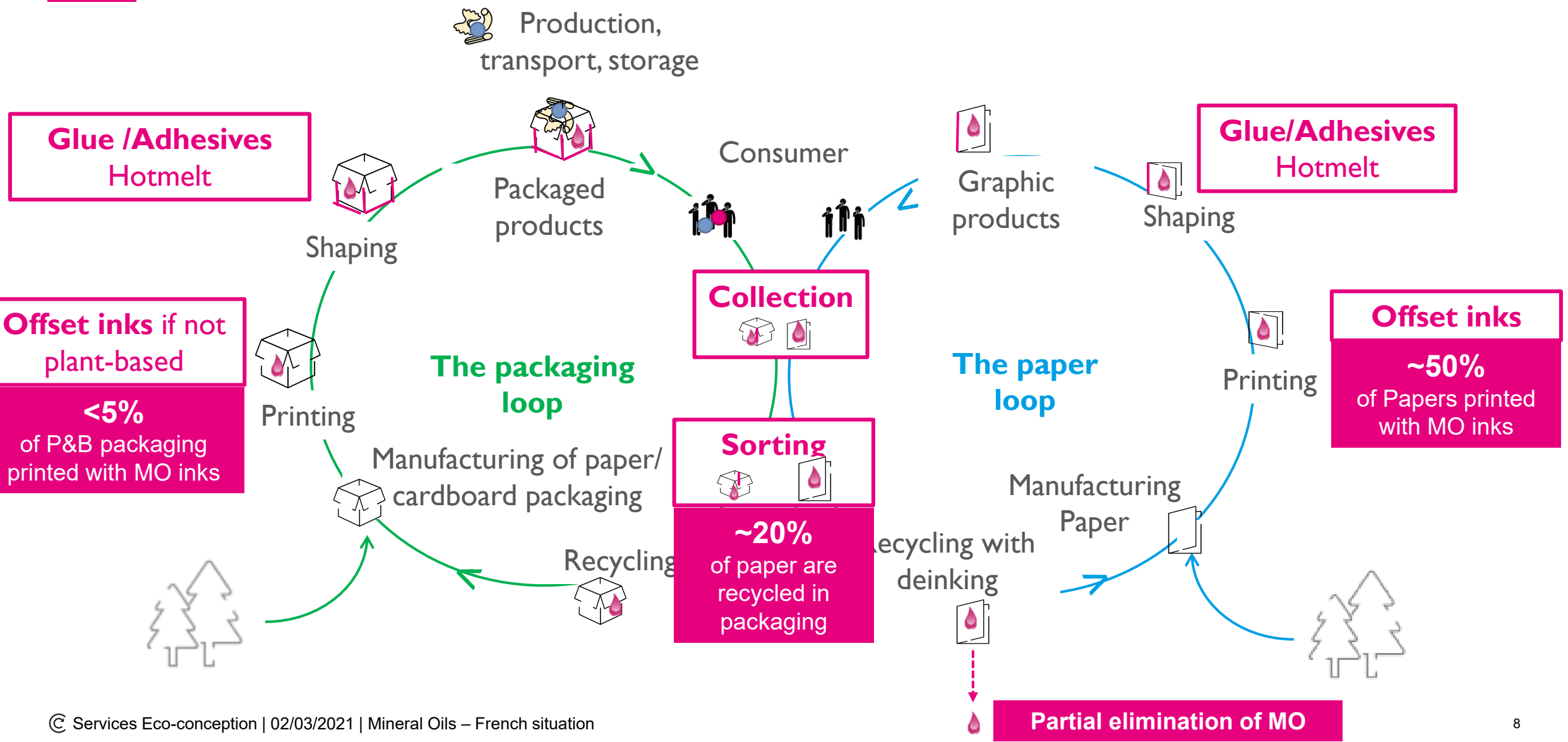
Transverse action plan on mineral oil issues since 2018

National action plan drawn up for both EPR streams (packaging and graphic papers loops) to take account of specific challenges for each stream.

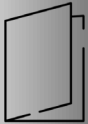
Action plan drawn up within the mineral oils WG:

- Quantification and classification of mineral oils related challenges for industry stakeholders
- Streams collection and sorting
- R&D and industrial testing
- Customer awareness-raising and support
- Monitoring and guidance on regulations

Paper and Board – main MOSH & MOAH sources



Encourage action to avoid MOSH & MOAH



Understanding
Recommandations
Voluntary initiatives



Financial incentive

Action plan

Malus

Packaging

2018

2020 – 10 %

2021 – 50 %

Graphic papers

2018

2021 – 10 %

2022 – 20 %

New: malus not applicable to press edition

Mineral oil malus on Paper&Board packaging

■ Malus criteria

The **financial contribution per ton** (2021: 177,1 €/t) for paper&board is increased* if it is printed using inks whose formulation includes more than 1 % of MOSH and MOAH of the ink mass.

***10 % in 2020**

***50 % in 2021**

■ Implementing rules

- Only the paper&board weight of the packaging is considered.
- All paper&board packaging business sectors (food, electrical equipment, distance selling, etc.).
- Packaging using a barrier (e.g. a liner bag) is not exempt from this malus.
→ *this is for reasons of impact on the circular economy rather than consumer exposure*

■ Controls

- Citeo's customer must be able to provide documentation proving that the packaging is not printed with inks containing more than 1 % MOSH & MOAH.

Mineral oil malus on Graphic Paper

■ Malus criteria

The **financial contribution per ton** (2020: 58 €/t) for paper is increased* if the printed document do not comply with one of the following cases :

- Helio prints, flexo prints, numerical prints,
- UV Offset print
- Offset (heatset or coldset) print with inks whose formulation includes (= Blauer Engel DE-UZ 195)
 - ≤1 % of MOAH
 - ≤1,5 % of MOSH C20-C30

***10 % in 2021**

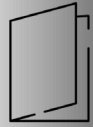
***20 % in 2022**

New: *malus not applicable on press editions. But mineral oils as a criterion for the Press' in-kind contribution system.*

■ Controls

- Citeo's customer must be able to provide documentation proving that the paper is not printed with inks containing more than 1 % MOAH and more than 1,5 % of MOSH C20-C30

Ban



Understanding
Recommandations
Voluntary initiatives



Financial incentive



Ban of using
mineral oils

Action plan

Malus

Ban

Packaging

2018

2020 – 10 %

2021 – 50 %

2022

Graphic papers

2018

2021 – 10 %

2022 – 20 %

2025

New : malus not applicable to press editions

2023 *Retailers prints*

Increasing regulations on mineral oils for paper&board packaging

Europe – no harmonised regulations

- 2017 - European Commission Recommendation (EU) 2017/84 to Member States on the **monitoring of mineral oil hydrocarbons in food** and in materials and articles intended to come into contact with food.

France

- 2019 - The French Competition Authority (DGCCRF) updated requirement on cardboard for food contact applications. Extensive approach of food packaging: primary, secondary, logistic packaging ...
- **2020 - Anti-Waste & Circular Economy Law (AGEC) Article 112 (see next slide)**

Germany – draft orders

- 2020 - *ongoing* – the European Commission has been notified of an ordinance concerning paper and cardboard incorporating recycled fibre in contact with foodstuffs.
- 2020 - *ongoing* – Ordinance project concerning inks likely to come into contact with foodstuffs. Positive list of authorised substances drawn up. ¹²

French Anti-Waste & Circular Economy Law

Article 112 of the **Anti-Waste & Circular Economy Law of 10 February 2020.**

- I - With effect from **1 January 2022**, the use mineral oils in **packaging** shall be prohibited.
- II - With effect from **1 January 2025**, the use of mineral oils in **printed materials intended for the public** shall be prohibited. As regards **unsolicited advertising leaflets and catalogues delivered by post with a view to promoting sales**, this ban shall be applied with effect from **1 January 2023**.
- III - The implementing conditions of this article **shall be defined by decree**.

French Anti-Waste & Circular Economy Law - Decree

Decree n° 2020-1725 - 29 December 2020

Art. D. 543-45-1.[about packaging] and Art. D. 543-213 [about graphic paper] are defining :

« *[the ban]* applies **to mineral oils containing substances** which interfere with the recycling of packaging *[or paper]* waste or which limit the use of recycled material due to the risks these substances present to human health. An **order** from the Minister responsible for the environment **specifies the substances concerned.** »

- Not a ban of mineral oils as formulation component, but a ban of MO containing specific substances.
- Order is expected for end of 1st Quarter of 2021

Any questions?



Thank you



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