



THE **LCA** CENTRE
PACKAGING LIFE CYCLE ASSESSMENT

Lab based **Packaging** LCA -
Circular compass





Technological relevance

Typical LCA Input

Raw materials

Tray: PP

Film: PVC

Sleeve: Carton boxboard
with offset printing

Processes

Tray: Extrusion /
Thermoforming

Film: Extrusion

Sleeve: included in the
material



Packaging LAB LCA Input

Legality check
94/62/EEG

Raw materials

Tray: 3-layer (A/B/A) ,
Homo-PP / Prop./ Ethylene
CaCO₃ / Mg₃Si₄O₁₀(OH)₂
MB-Letdown / CFA / rPP

Film: PVC / Plasticizer

Sleeve: GD2 chipboard
white lined / PVA glue / ink

Processes

Tray: Extrusion
Thermoforming **Mixing/
Compounding**

Film: Extrusion / **Rolling /**

Sleeve: Die cutting/
Printing /Folding / Gluing

DISCLAIMER

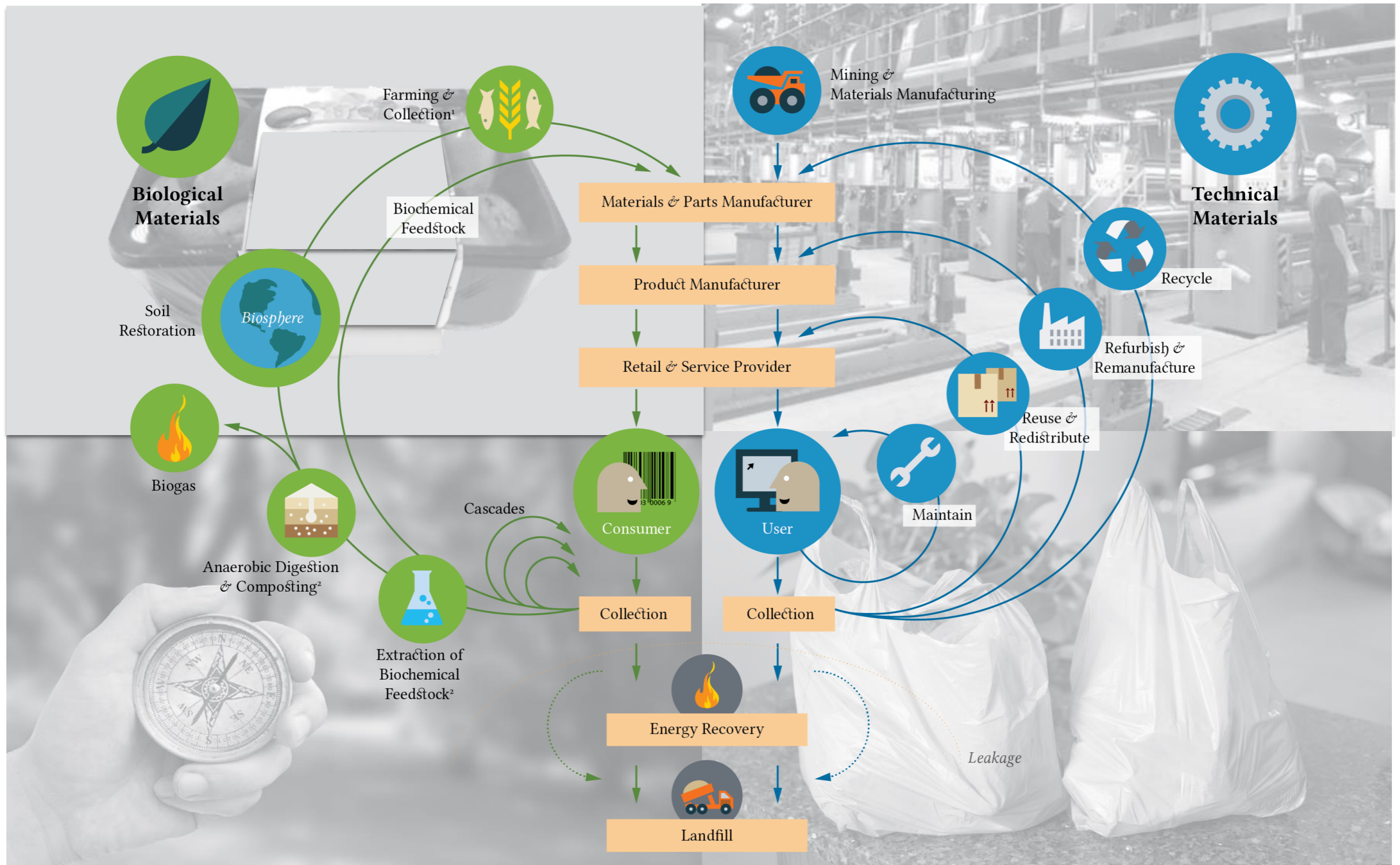
This is a fictive example for illustrative purposes only. The material composition of the featured packaging has not been analyzed and is based on our experience.

LCA = your
circularity compass





Can you tell which of those 2 bags is illegal?



Thank you !
For more information

Contact: Agnieszka van Batavia

Email : avbatavia@thelcacentre.com

Phone: 06-50 522 406 / 088 – 22 22 410

Contact: Alan Campbell

Email : acampbell@thelcacentre.com

Phone: +32 477 33 02 77 / 088 – 22 22 410

www.thelcacentre.com