



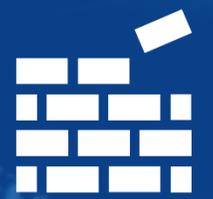
Organized
by:

Instituto
SustenPlást

A PRACTICAL CASE OF EPS/FOAM CIRCULARITY*

ALBANO SCHMIDT
PRESIDENT OF TERMOTECHNICA

TERMOTÉCNICA IN NUMBERS



Founded in
1961



+1.000
Employees



6
Units



National Leader
in EPS (foam Industrial Packaging)



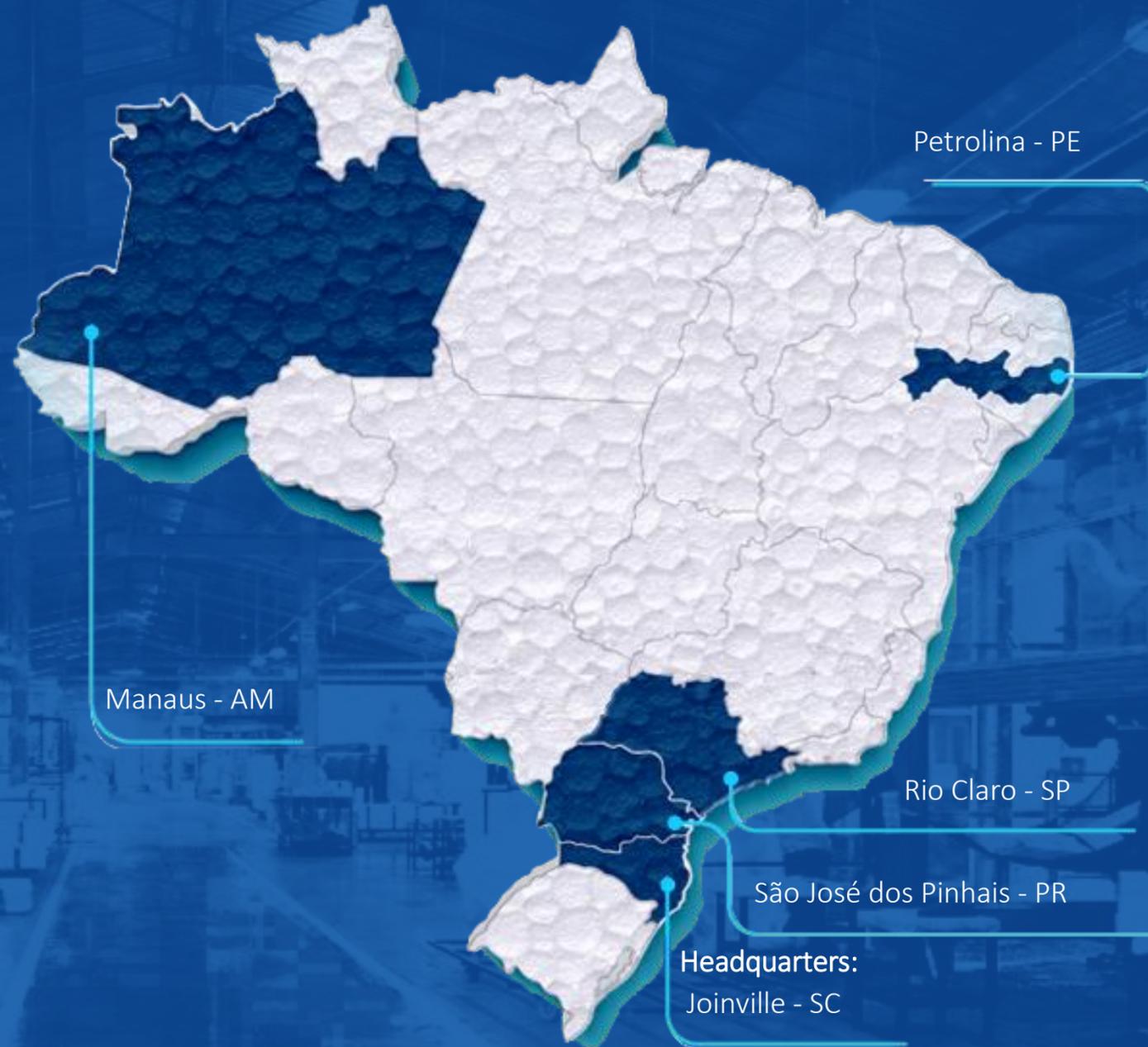
+100
utility models, and product trademarks



Vertical
Integration of Raw Material Production



65%
Market Share



*Foam is a registered trademark of a third party.



Termotécnica

ABOUT EPS (FOAM*)

- 100% continuously recyclable material
- Extremely low use of natural resources – 98% air
- Does not contaminate and poses no risks to health and the environment
- Fungi and bacteria do not proliferate



AREAS OF OPERATION

iPack
embalagem inteligente



The image shows various components of the iPack intelligent packaging system, including a white rectangular box, a smaller white box, and a white box with a circular opening. The components are arranged on a dark blue background.

DaColheita
Frescor do campo à mesa



The image shows a white plastic container with a lid, filled with fresh produce like green leafy vegetables and purple grapes. The container is shown in an open position, revealing the produce inside.

TERMOCHAIN



The image shows several white plastic components, including a large rectangular box, a smaller rectangular box, and several small square pieces. The components are arranged on a teal background.

ICEBOX



The image shows two white plastic ice storage containers. One is a larger rectangular box, and the other is a smaller rectangular box. Both have a yellow and blue label with the ICEBOX logo.

UPALLY®
BASES DE MOVIMENTAÇÃO



The image shows a white plastic pallet base and a stack of several white plastic pallet bases. The pallet base is shown in a circular inset on the left, and the stack is shown on the right.

GO Pack



The image shows a white plastic beverage packaging container with a lid, filled with several bottles of beer. The container is shown in an open position, revealing the bottles inside.

Repór
EPS RECICLADO



The image shows a pile of brown, granular material (recycled EPS) being poured from a clear plastic container. The granules are shown in a pile on the left and being poured from the container on the right.

Termocell®
FITTOCELL
MATÉRIA PRIMA



The image shows two yellow, spherical, textured objects (FITTOCELL) on a yellow background. The objects are shown in a circular inset on the left.



GLOBAL PRESSURE



Media

Legislation

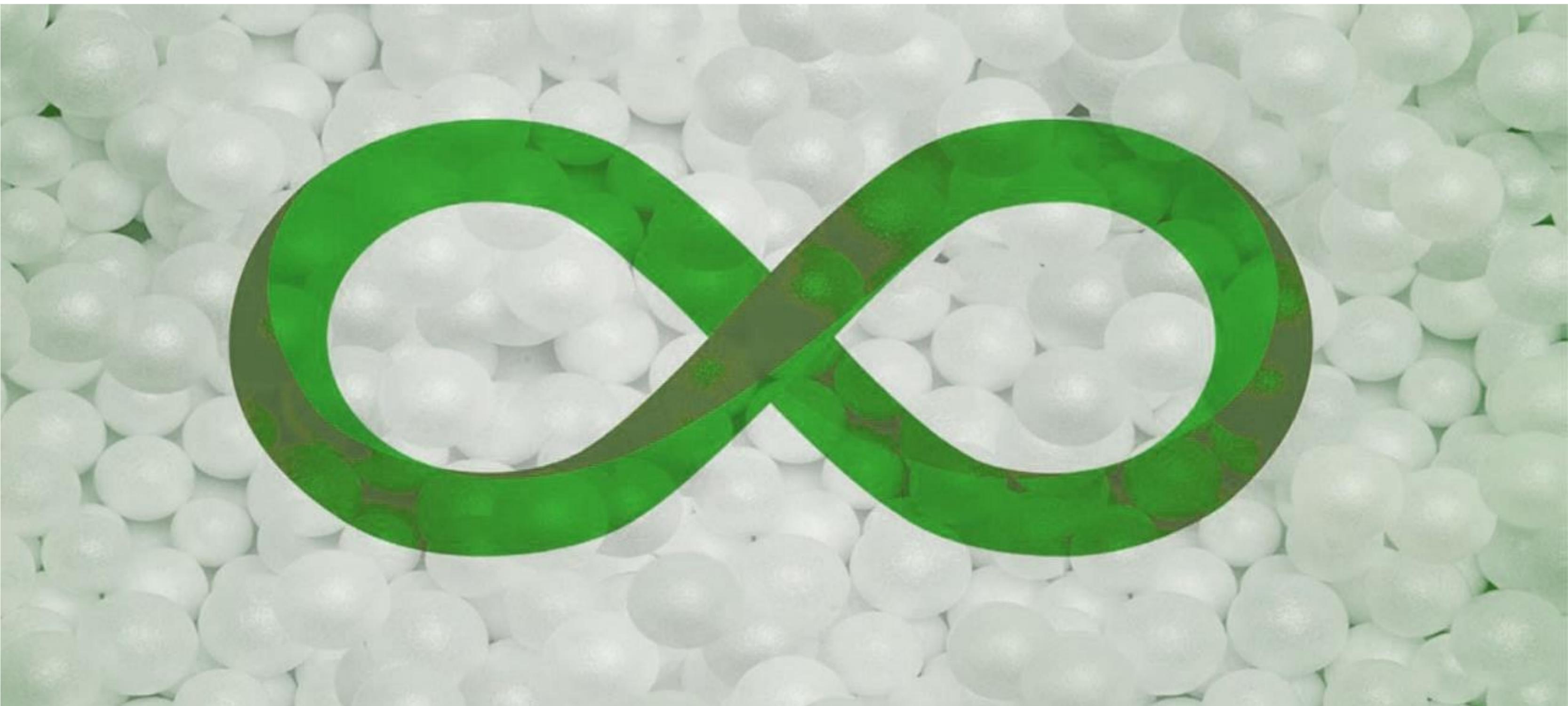


PAPERIZATION

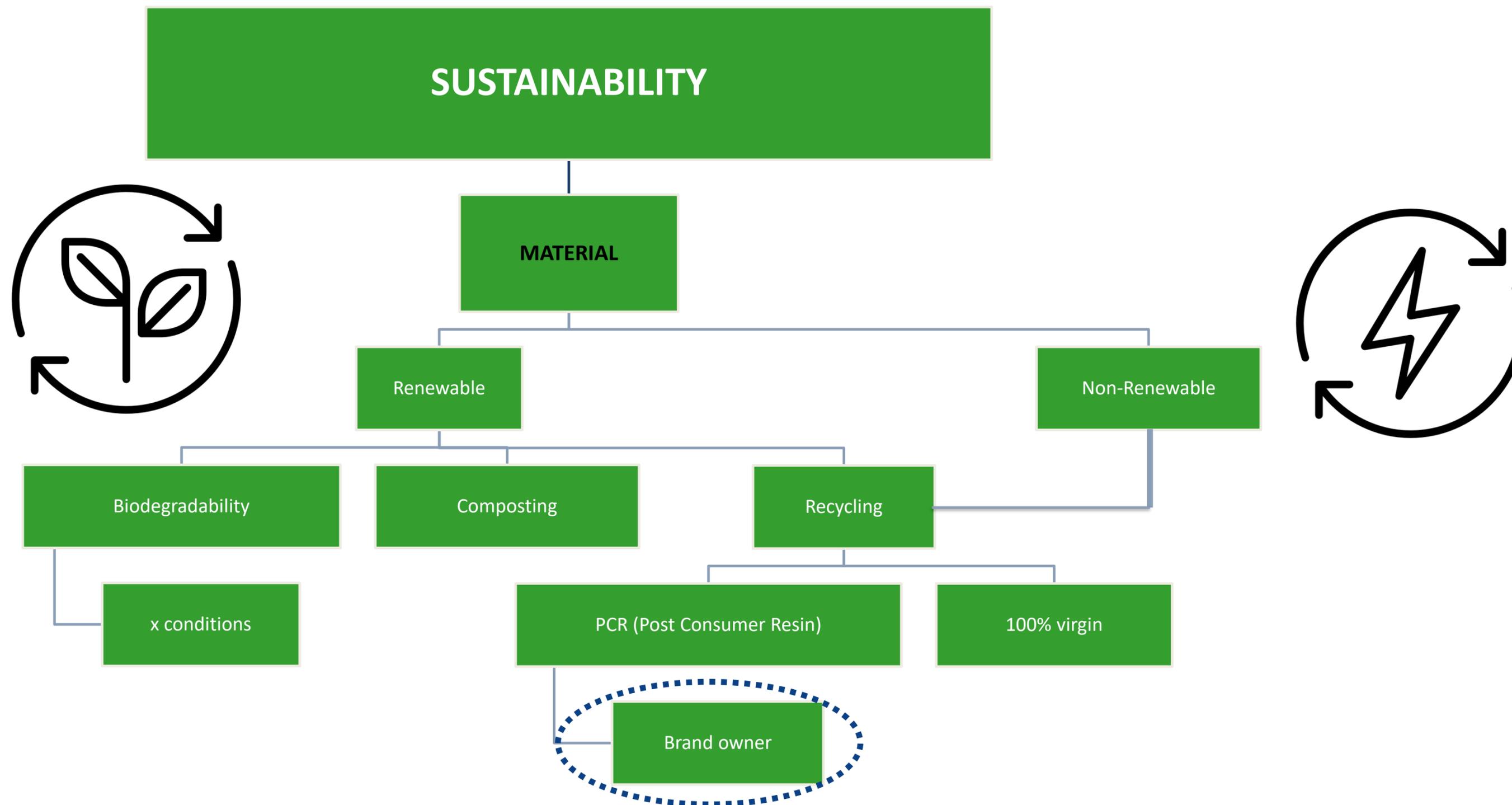
SUSTAINABILITY



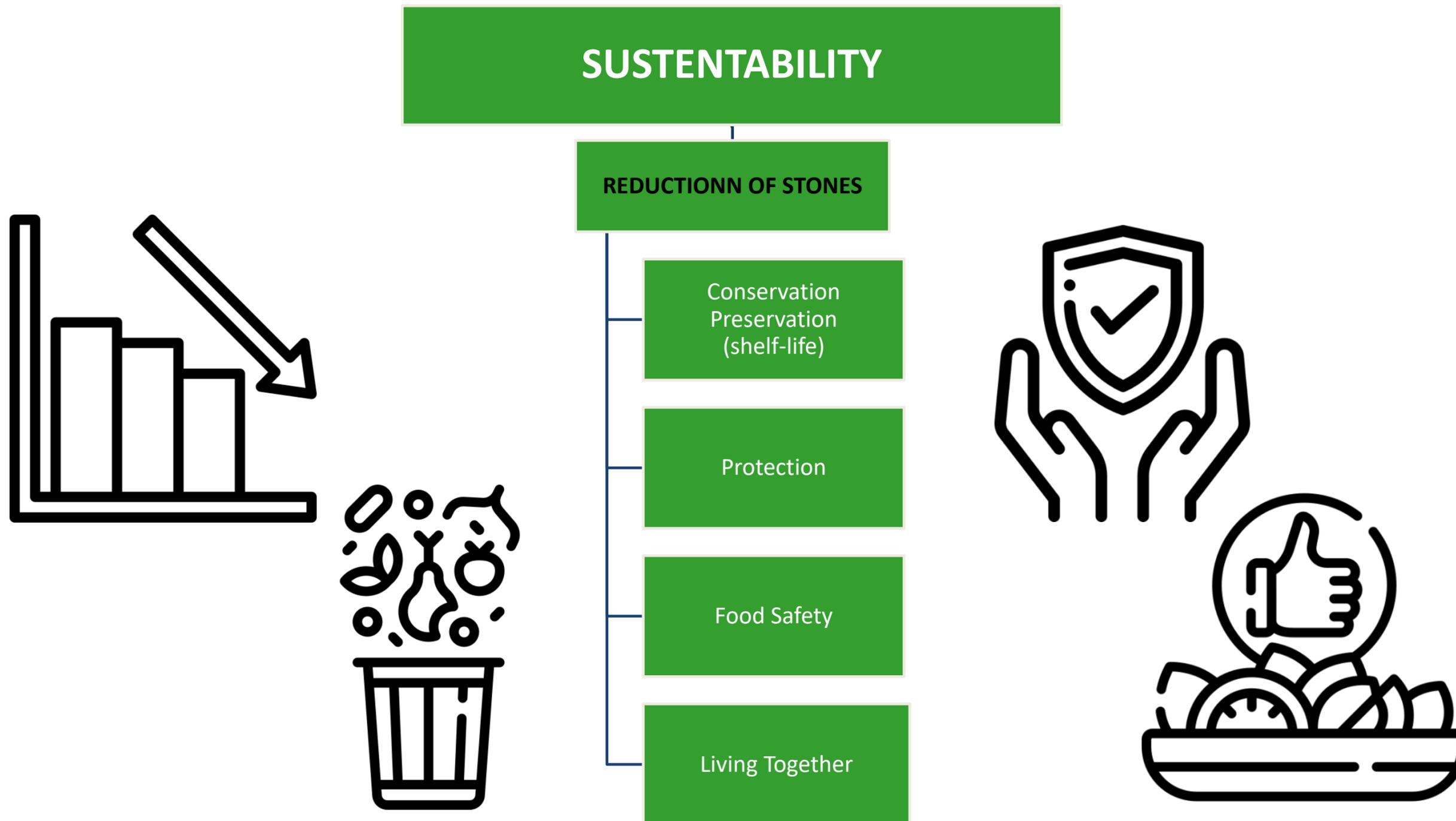
TERMOTECNICA'S JOURNEY IN THE CIRCULAR ECONOMY



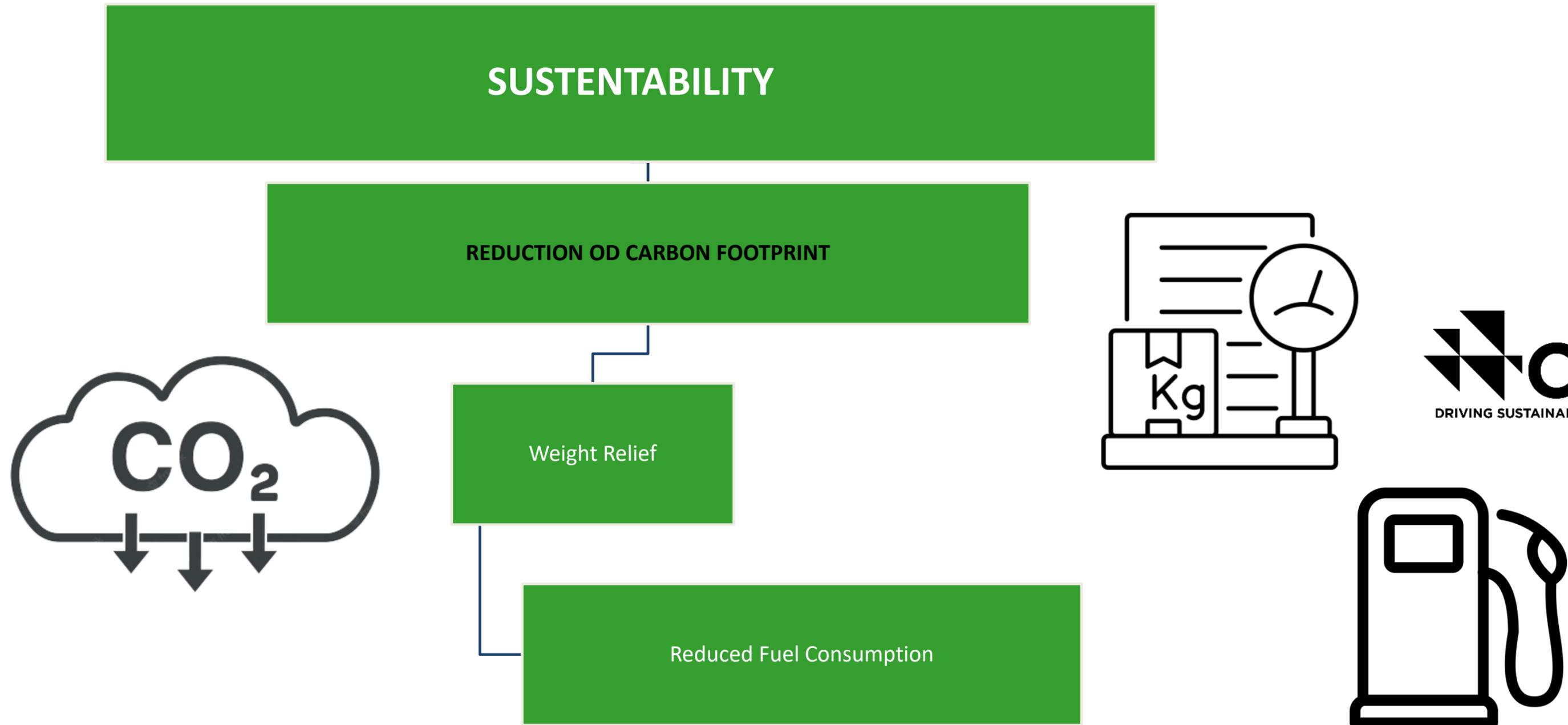
4 PILLARS OF SUSTAINABILITY



4 PILLARS OF SUSTAINABILITY



4 PILLARS OF SUSTAINABILITY



GHG EMISSIONS STUDY

The GHG emissions from transporting a load of mangoes in EPS packaging and pallets, by land and air (between PE – SP – POR), were

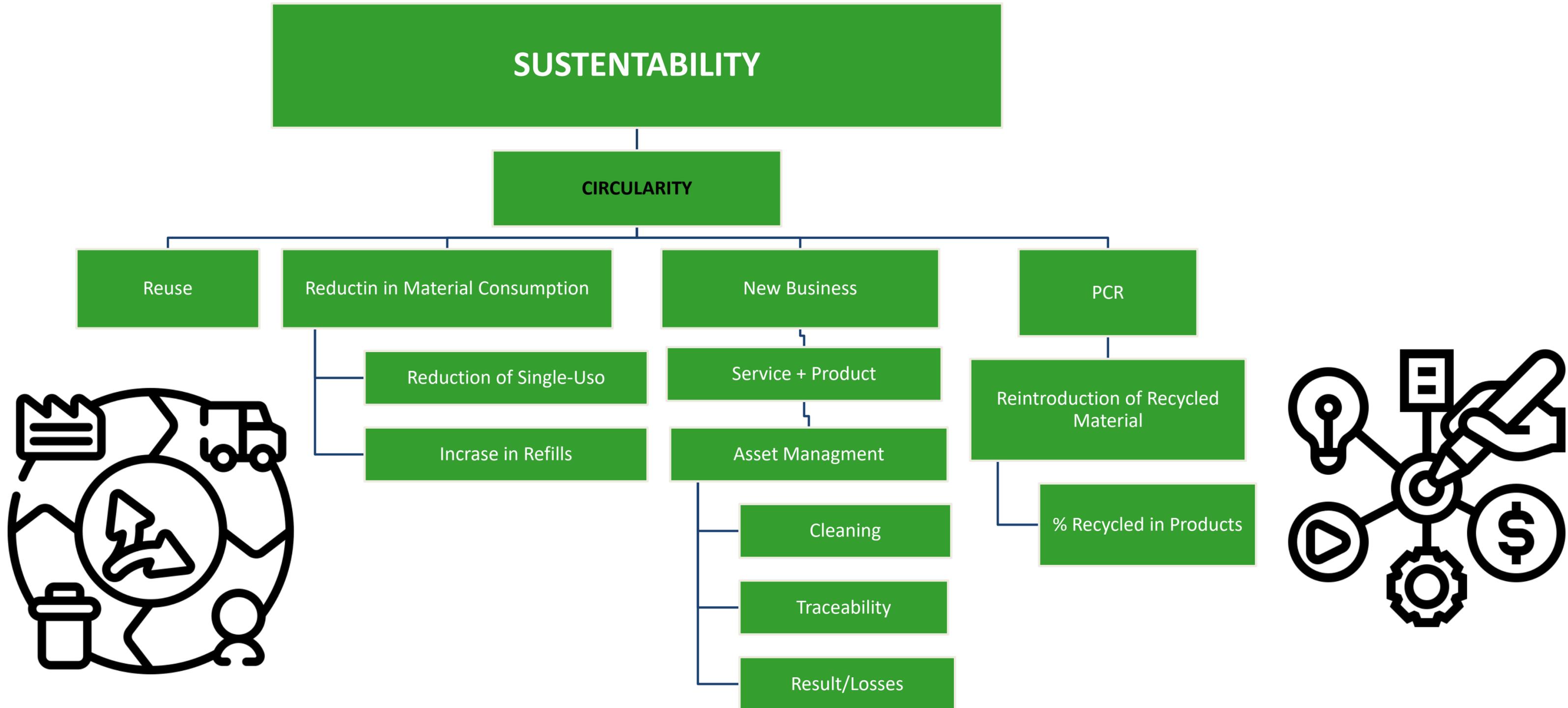
2,500 tons CO2 eq. lower



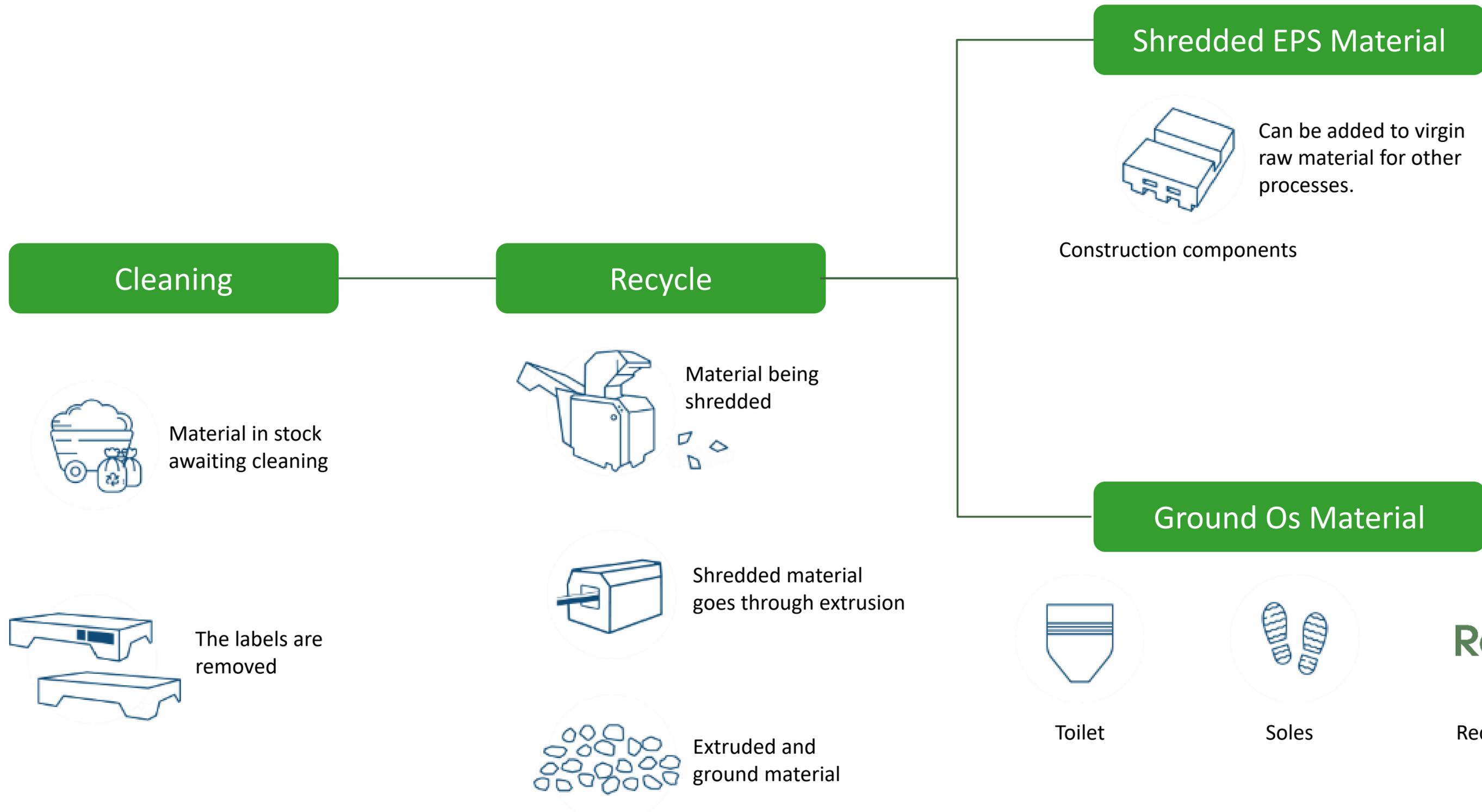
2,500 tons CO2 eq. lower when compared to the condition with corrugated cardboard boxes and wooden pallets.

*considering a pallet with 110 boxes.

4 PILLARS OF SUSTAINABILITY



THE EPS RECYCLING PROCESS



CIRCULAR ECONOMY



+48 million
kg of recycled EPS
since 2007



Acesse e
recicle.



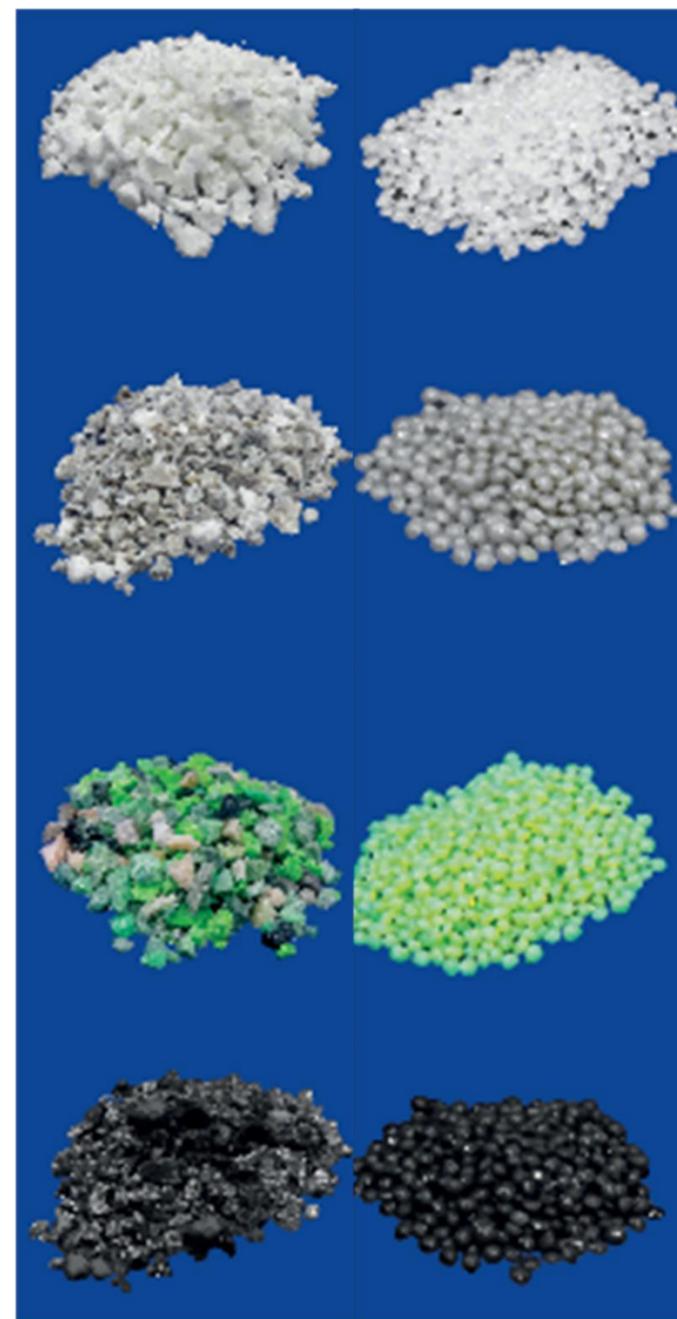
CIRCULAR ECONOMY IN PRACTICE

Repór

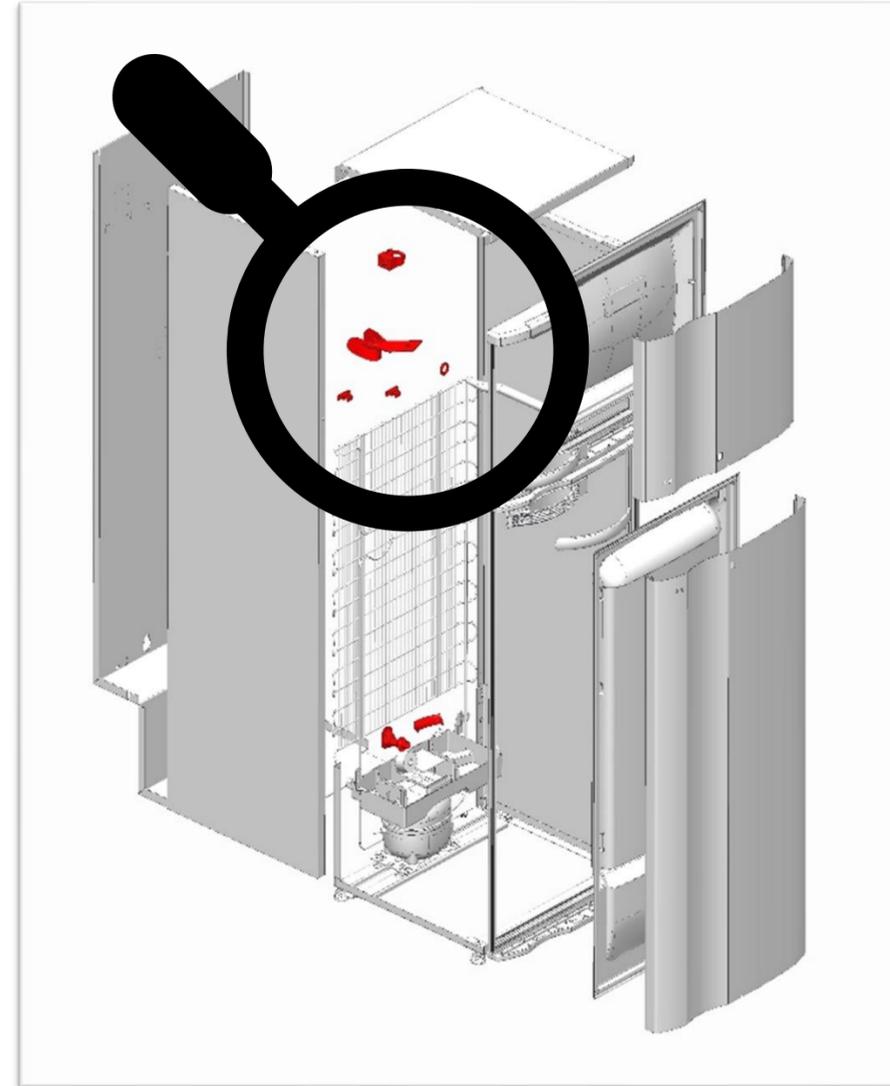
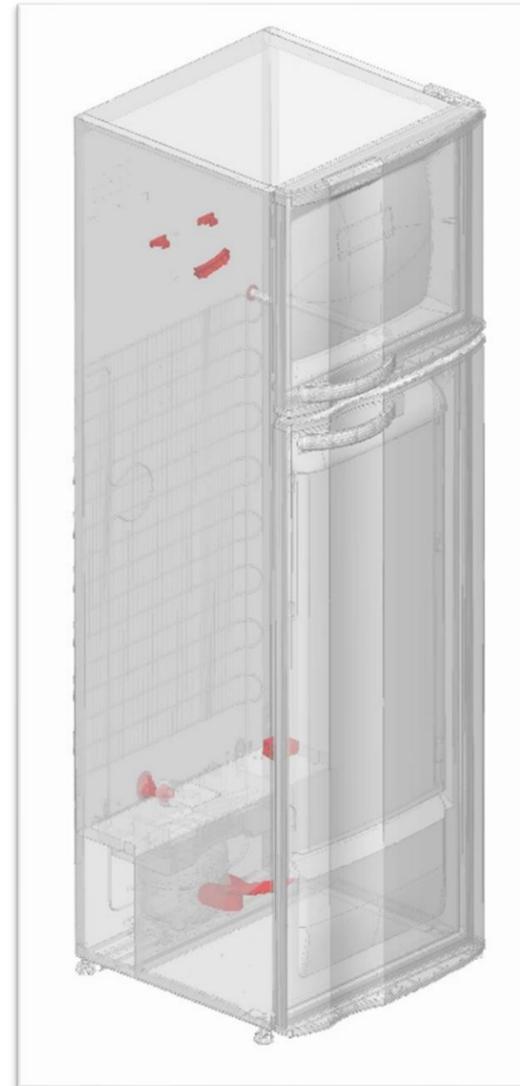
Light, durable, and versatile, recycled raw material can be reintroduced into the market in various segments.



**ECONOMIC
VIABILITY**



CIRCULAR ECONOMY CASE



CIRCULAR ECONOMY CASE



Cremer



Labels and adhesive reels
Products in the process of changing raw material to recycled PS

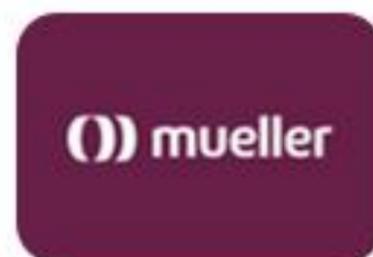
CIRCULAR ECONOMY CASE



Madelami
Rodapés e Pisos Laminados



PARTNERS FOR CIRCULAR ECONOMY



THANK YOU

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