

Tetra Pak





WE LIKE TO GO UNNOTICED 400 MILLION TIMES A DAY

We make over 130 billion food cartons a year for over 2000 of the world's top food companies. That means about 400 million will be consumed on any given day, many of them on breakfast tables like this, somewhere from Los Angeles to London to Lagos. Each one is meticulously engineered to keep good things in and bad things out. Of course, people don't give us a second thought. They rightly assume that inside every carton they'll find exactly what they expect: safe, protected food from whatever brand they choose. We just help make it happen.

This is the trademark of Tetra Pak and its subsidiaries.





Liquid Board Packaging

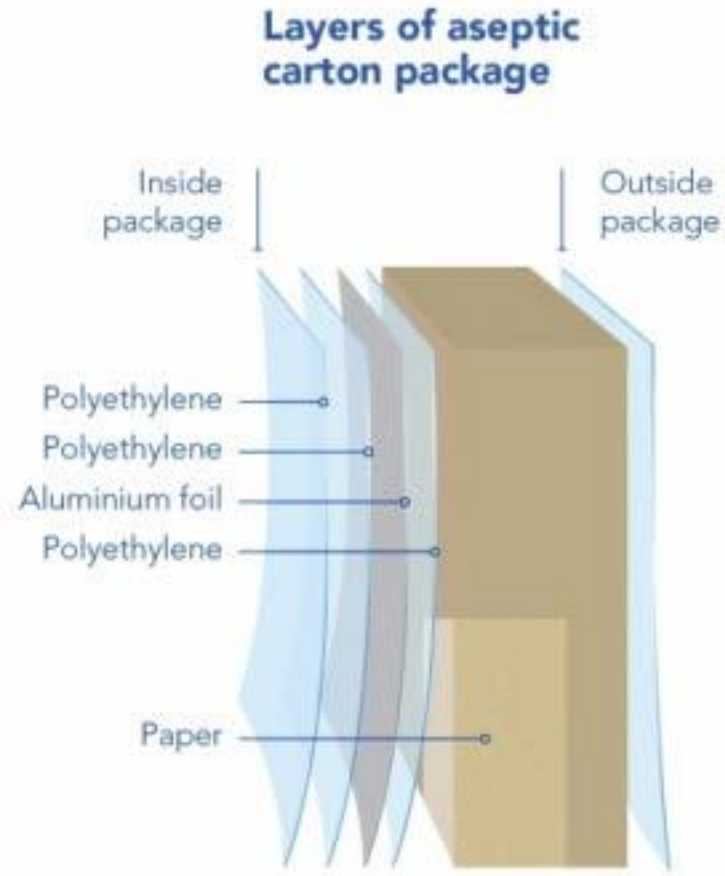
“PROTECTS WHAT’S GOOD”

6 layers

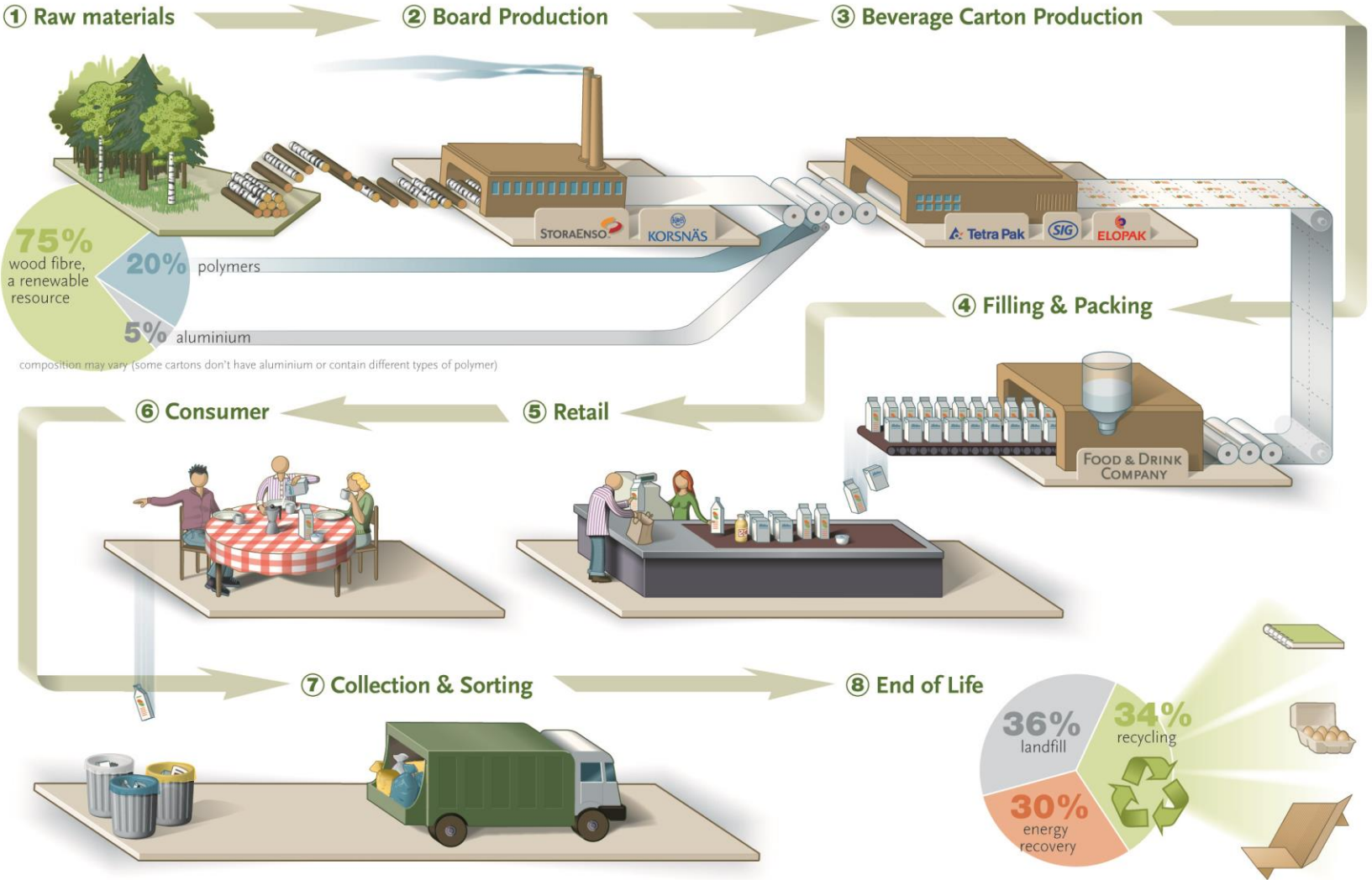
- ▶ 5 % Aluminium Foil
- ▶ 20 % Polyethylene
- ▶ 75 % Paperboard

Renewable Resource

75 % = Paperboard



The beverage carton value chain



Our Customers- Dairy





Our Customers - Juice

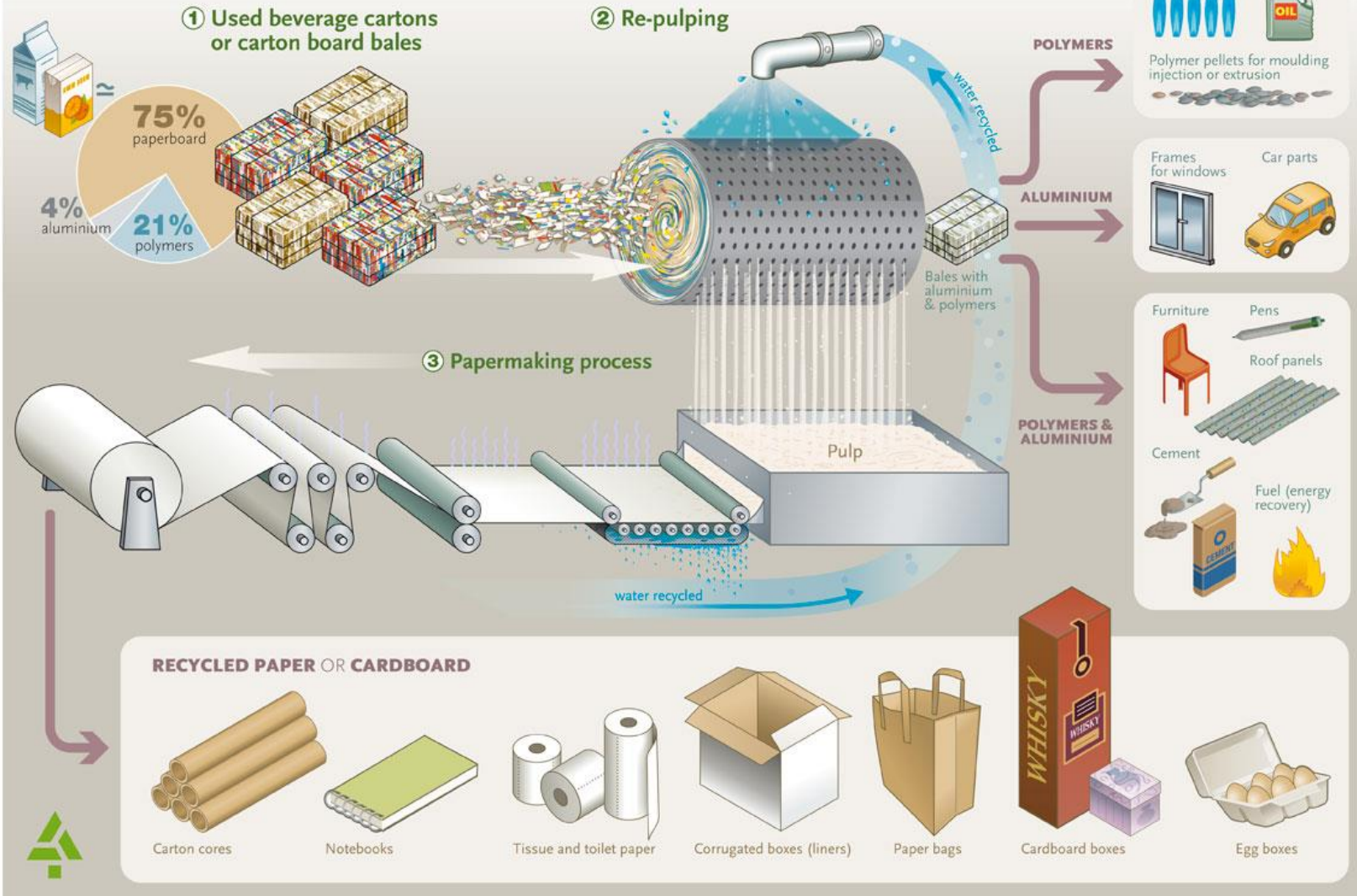


Wild Berry



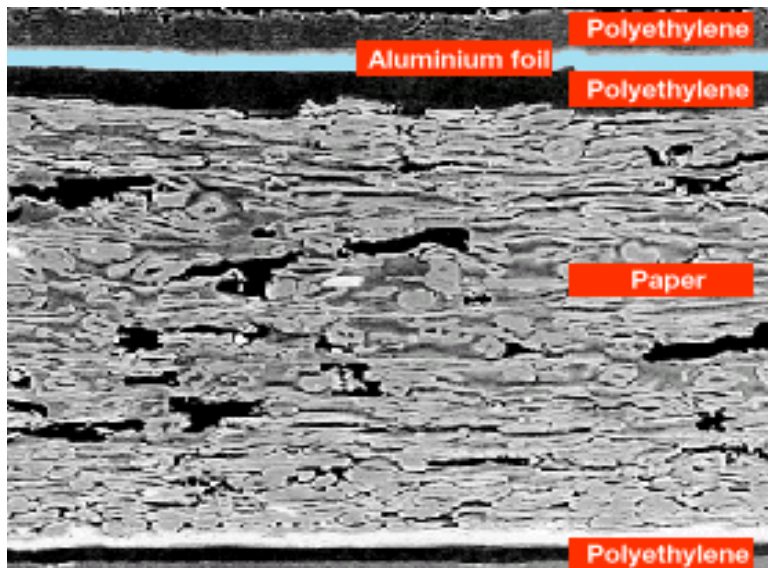
CERES
FRUIT JUICES

Recycling of used beverage cartons

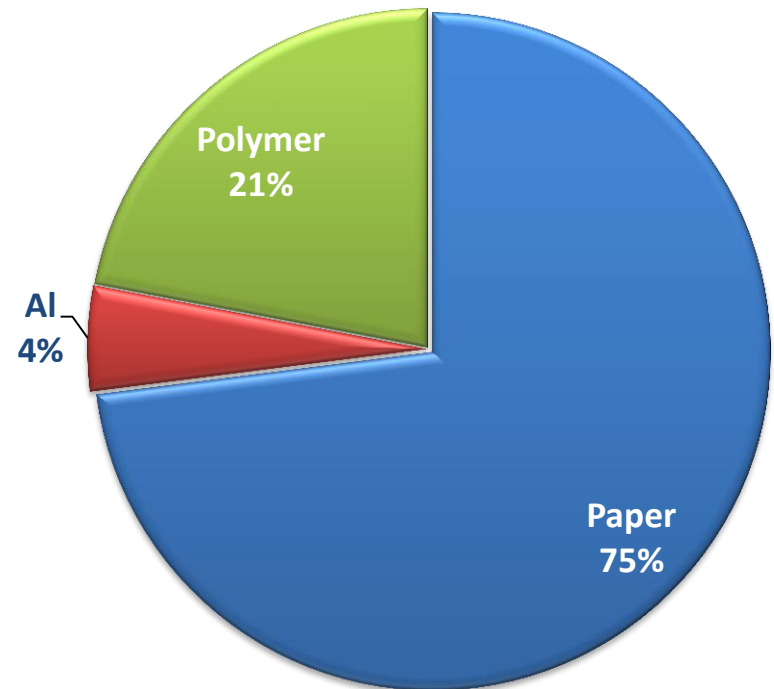




Why Cartons go to a paper mill?



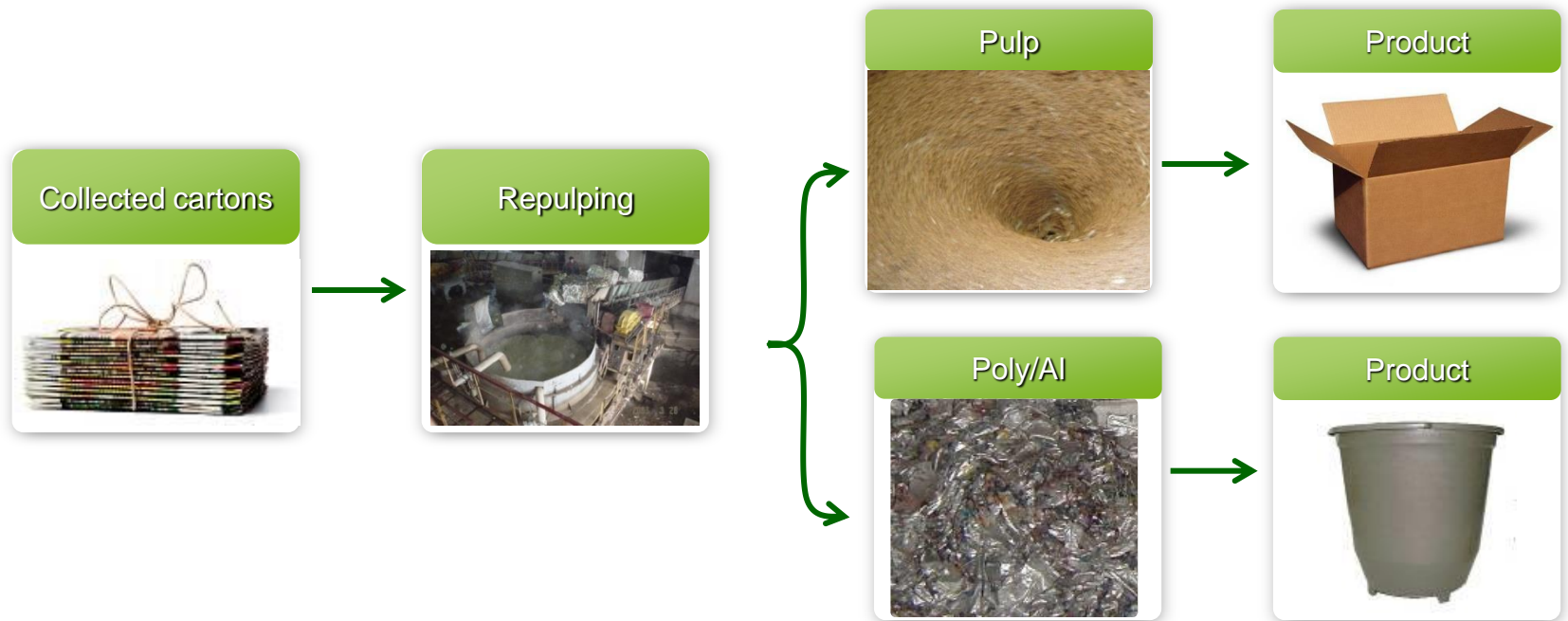
Cross section of aseptic Carton





Turning Carton into valued product

Used beverage cartons are a real asset





Recycling in SA



- Tetra Pak waste is a **valuable resource**, for which there is a growing demand.
- This growth will lead to **increased** recycling activity.
- The Recycled fibre can be used for local production of Secondary packaging and POS Displays.
- Direct and Indirect local jobs created.
- The program is Environmentally responsible.
- The program is Sustainable.





Products made from beverage cartons

Raw material for a number of paper products

Cardboard



Trays



Dry food boxes



Household tissue



Egg cartons



Envelopes



Paper cores



Plasterboard liner



Frozen food boxes



Industrial tissue



Office paper



Paper bags





Value created from PolyAI

Pellets sold to end users as raw material



Insulation



Injection
moulding



Distribution
boxes



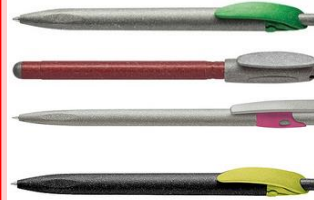
Fruit
baskets



Connectors



Hangers



Pens



Core plugs



Promoting a sustainable model

The higher the value-add for the recycled products, higher will be the chances of creating an economically sustainable value chain for recycling



Roof Sheets and other products made out of Polyethylene and Aluminum from Tetra Pak cartons

Paper products made out of the pulp from Tetra Pak cartons

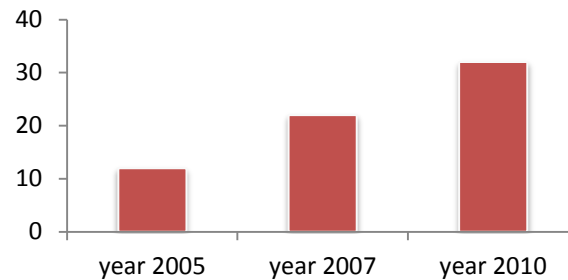




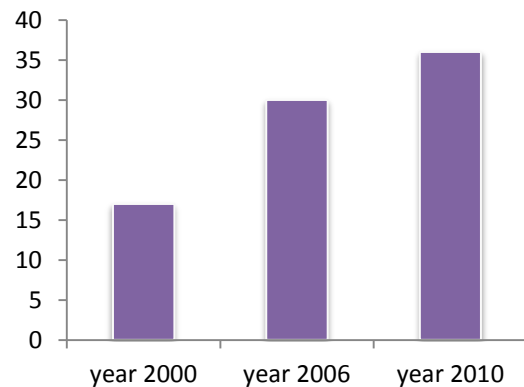
Recycling works when collection exists

Results improving every year worldwide

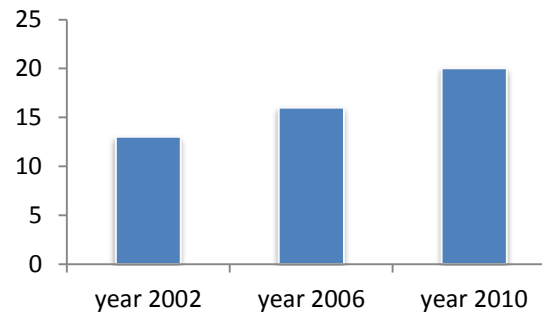
- ▶ 32 billion Tetra Pak cartons are being recycled (2010)



- ▶ 36% of EU beverage cartons recycled (2010)



- ▶ 21% of Tetra Pak cartons were recycled (2010)





Collection Strategy – Carton Waste

National Collectors/Waste Management Companies

- ▶ Kerbside programs
- ▶ Landfill sites
- ▶ Drop-Off Centre's
- ▶ Buy-Back Centre's
- ▶ Schools collections
- ▶ Commercial sites
- ▶ Airports
- ▶ Shopping Centre's

Private Co's/ NGO's & Municipalities





National Collectors



recycling

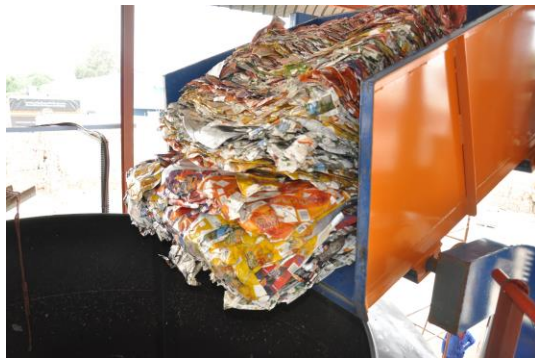
Kerbside collections

- Cape Town
- Pretoria
- Durban
- PMB
- others being developed





Gayatri Paper Mill – South Africa



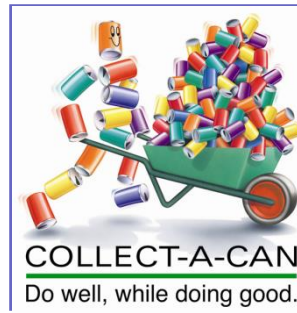


Engage with NGOs & key stakeholders

We are increasingly involved, and we communicate openly



Plastics | SA





“Success in business is more than just achieving financial goals; it’s also about sustainable growth and protecting the environment.”

*Dennis Jönsson,
CEO Tetra Pak*





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