

# BIOCUPS ARE RECYCLABLE



Our hot and cold paper BioCups are coated with a plant-based bioplastic and they are recyclable in many areas throughout Australia. Check the list on the next page to see if they are recycled in your area and then rinse your cups, flatten them and pop in your nearest paper recycling bin!

## THE FACTS

Australia consumes a calculated 56,492 tonnes of Polymer Coated Paper (PCP) each year. PCP's come in four formats: Gabletop containers, Aseptic containers, Hot Cups and Cold cups. **Paper cups account for 19,825 tonnes.**

Despite representing a small proportion of total Australian fibre packaging consumption, the 56,492 tonnes of PCPs consumed in Australia annually are important, from environmental and economic perspectives.

All PCP formats are able to be recycled. Fibre is the primary material of PCPs, accounting for an average of 82% of the total volume, polyethylene accounts for an average of 16% and foil (exclusively used in Aseptic containers) accounts for less than 2% of the total volume.



## Hot cups

Hot cups, typically used for coffee, generally do not have a polyethylene outer-lining. Because they generally have a single polyethylene coating, Hot Cups are more permeable to fluid than the other PCP container formats, increasing their recyclability.

Where PCPs are received in co-mingled streams, including kerbside and commercial volumes, they are generally recorded into the 'Mixed' recovered volume and in some cases 'Old Corrugated Carton (OCC)' bales and are not further sorted in Australia, either being transmitted to domestic paperboard reprocessing facilities or to export.

OUR PRODUCTS ARE  
**CARBON  
NEUTRAL**

**1%**  
OF  
**PROFITS**  
TO RAINFOREST RESCUE

**BioPak**  
It doesn't cost the earth

# DID YOU KNOW?

Trees are the main resource in the paper production, a tonne of paper consumes approximately 20 full-grown trees while recycling 1 tonne of paper saves 13 trees.



## Water

To make just one tonne of paper out of virgin material over 90,000 litres of precious water are used which will fill 450 rain barrels.

## Greenhouse gas emissions

When paper goes to landfill it produces dangerous greenhouse gases during decomposition. But already the production of paper emits 1,46 tonnes of greenhouse gases per tonne of paper

## Landfill space

Australians send 1.9 million tonnes of paper to landfill each year and most of it can be recycled.

## Recycling Facts

- Each tonne of paper that is recycled saves: almost 13 trees, 2.5 barrels of oil, 4100 kWh of electricity, 4 cubic metres of landfill and 31,780 litres of water
- By recycling paper and cardboard 51% of the environmental impact of using virgin material can be saved.

**TOGETHER WE CAN RECOVER ALMOST 18,000 TONNES OF PAPER HOT CUPS SIMPLY BY RAISING AWARENESS THAT THIS RESOURCE IS RECOVERABLE.**

## PAPER CUPS IN LANDFILL

Landfills are not designed to break down trash, only to bury it. The trash in a landfill will remain unchanged for a very long time. When organic products such as paper and food do begin to biodegrade in a landfill, they release methane. A greenhouse gas 84 times more potent than CO<sub>2</sub>.



## Paper Cup Recycling in Australia



### NSW

- Armidale Dumareq Council
- Byron Shire Council
- Gosford City Council
- Lismore City Council
- Moree Plains Shire Council
- Murrumbidgee Shire Council
- Port Stephens Council
- Randwick City Council
- Shellharbour City Council
- Shoalhaven City Council
- Snowy River Shire
- Tamworth Regional Council
- Tenterfield Shire Council
- Tumbarumba Shire
- Wyong Shire Council

### Victoria

- Alpine Shire
- City of Ballarat
- Cardinia Shire
- Greater Bendigo City Council
- Nillumbik Shire Council
- Warrambool City Council
- Wyndham City Council

### ACT

- All ACT Councils

### WA

- Cambridge Town
- City of Busselton
- Manjimup Shire
- Perth City

### SA

- Adelaide Hills Council
- Alexandria Council
- Barossa Council
- District Council of Cleve
- Town of Gawler
- Kangaroo Island Council
- City of Mount Gambier
- City of Onkaparinga
- City of Playford
- City of Port Adelaide Enfield
- City of Salisbury
- City of Unley
- City of Victor Harbor
- District Council of Yankalilla

### QLD

- Brisbane City Council
- Moreton Bay Regional Council
- Scenic Rim Regional Council
- Southern Downs Regional Council
- Toowoomba Regional Council
- Whitsunday Regional Council

