

# QANTAS GROUP WASTE REDUCTION PROGRAM

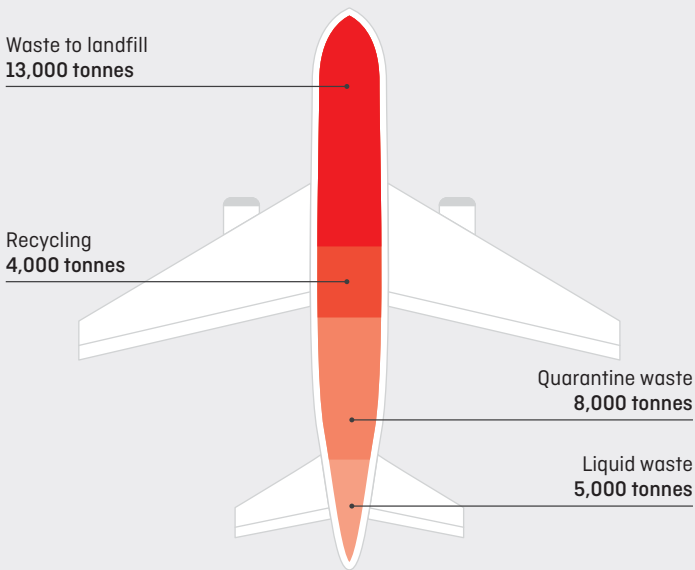
Most ambitious targets for an airline group globally

**75%↓** waste to landfill by the end of 2021

**100m** per year **↓** of single-use plastics items by end of 2020

Qantas, Jetstar & QantasLink generate 30,000 tonnes of waste annually

## WASTE PROFILE<sup>^</sup>



## HOW WE WILL ACHIEVE TARGETS



### Divert from landfill

Composting cups, recycling plastics, uniforms.



### Using sustainable products

Bio-based materials, compostable food service products, frequent flyer cards going digital.



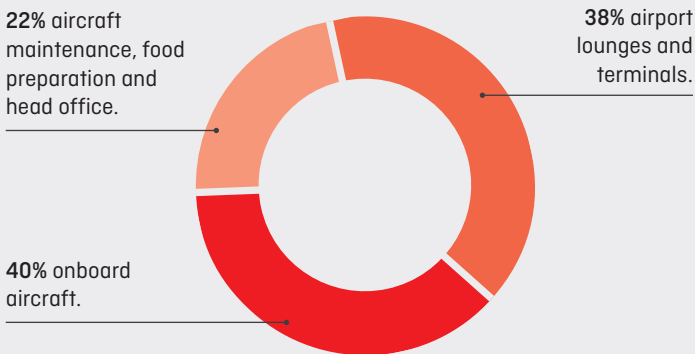
### Avoid using altogether

Single use plastics (knives/forks), plastic packaging, paper boarding passes and crew manuals where possible.

**100 million single-use plastic items cut per year by end of 2020**

**45m** plastic cups    **30m** plastic cutlery    **21m** coffee cups    **4m** headrest covers

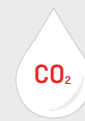
## WHERE WASTE IS GENERATED



## ENVIRONMENTAL TARGETS — ON TRACK



1.5% average annual fuel efficiency improvement



Carbon neutral international growth from 2020



Reducing net emissions by 50% by 2050



20% reduction in water consumption by 2020



30% reduction in waste to landfill by 2020



35% reduction in electricity by 2020

**Target increased to 75%**

## WE'VE COME A LONG WAY

- 1<sup>st</sup> Biofuel flight in Australia in 2012 and to USA in 2018.
- 1000+ Qantas employee environment ambassadors.
- 500,000 Customers offsetting flights per year.
- 1 million Plastic straws and drink stirrers removed each year from 2018



<sup>^</sup>Waste reduction target applies to waste to landfill generated in Australia. There is some waste that we cannot currently recycle or reuse. Some of this is beyond our control due to quarantine restrictions or regulatory requirements. There are also some single use plastics (such as wrapping for hygiene purposes and some heat resistant containers used for on-board food preparation) that don't currently have a practical or sustainable alternative. Qantas and Jetstar are working with manufacturers and other airlines to innovate and to further reduce waste to landfill.