

Woolworths Group
Australia & New Zealand Sustainability Update
Atmosphere 2018



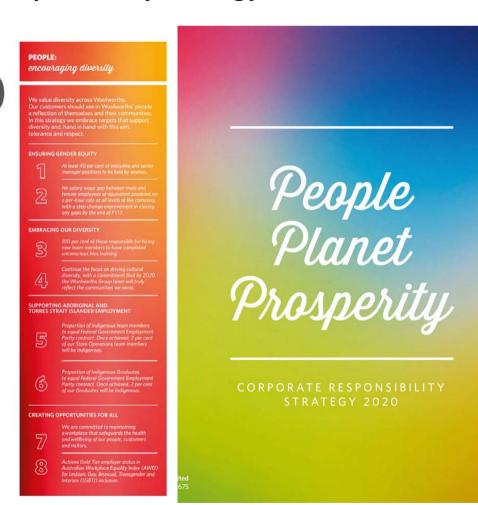
Corporate Responsibility Strategy

WOOLWORTHS

2020 commitments

Our Corporate Responsibility Strategy 2020 brings new focus, resources and energy to sustainability.

The targets assigned under our People, Planet and Prosperity pillars cover Woolworths' engagement with customers, communities, supply chain and team members, as well as our responsibility to minimise the environmental impact of our operations.



PLANET: for a healthy Australia

We recognise Woolworths' environmental impact across our value chain and will work with our suppliers, service providers and operations to innovate for a healthy planet. We will support the move to a circular economy, source environmentally sustainable commodities and respond to climate change.

MOVING TO A CIRCUI AR ECONOM

9

Towards zero food waste going to landfil

10

Improve the recyclability of our
Own Brand packaging and contribute
to the circular economy.

SOURCING ENVIRONMENTALLY

11

Source key raw materials and commodities sustainably to an independent standard by 2020. We will raise awareness of sustainably sourced products.

12

Achieve net zero supply chain deforestation for 'high-impact' commodities in our Own Brand products, such as palm oil, timber, sulp and pages and packagin

RESPONDING TO CLIMATE CHANGE

13

Reduce Woolworths' carbon emissions to 10 per cent below 2015 levels.

14

Innovate with natural refrigerants and reduce refrigerant leakage in our stores by 15 per cent of CO₂-e below 2015 levels.

PROSPERITY: founded on trusted relationships

We will focus on positive relationships with suppliers, give back to the communities in which we operate, and rebuild trust with our customers.

WORKING WITH OUR BUSINESS PARTNERS

15

We will achieve a top quartile ranking in how we engage fairly and equitably with our suppliers as measured by independent supplier surveys.

16

We will focus on a best practice compliance system according to the Global Social Compliance Program. We will collaborate with peak organisations to improve workers' lives.

GIVING BACK TO THE COMMUNITIES IN WHICH WE OPERATE

177

We will invest the equivalent of 1 per cent of a three year rolling average of total Group Earnings Before Interest and Tax (EBIT) in community partnerships and programs.

We will publicly report social impact to quantify the positive changes we are creating with a focus on health, economic development and emergency relief.

CREATING SHARED VALUE WITH OUR CUSTOMERS

19

We will achieve leading customer satisfaction scores.

20

We will inspire our customers to consume all of our products in a healthy, sustainable way.





Michael Englebright - Bio



Michael Englebright

National Engineering Manager Woolworths Group 2014 to Present, Michael has over 25 years in Supermarket Retail and has served an extensive period abroad in Europe and NAM in the development of efficiency improvements in refrigeration, HVAC and Energy Management. A key interest and passion has been in the development of natural refrigerants in product development, training, application and third world countries adopting natural refrigerants through UNIDO programme.

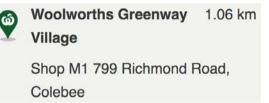
- CAREL Industries Global Key Accounts Manager Retail
- Danfoss Global Applications Engineering Manager Retail
- Frigrite Refrigeration Applications Engineer



Australian Update



Natural Refrigerants



First Woolworths Transcritical CO2 store.

Waterloop Technology



Collins Square 727 Collins Street Docklands



Caulfield North

360 Orrong Rd, Caulfield North

Self Contained Natural Solutions





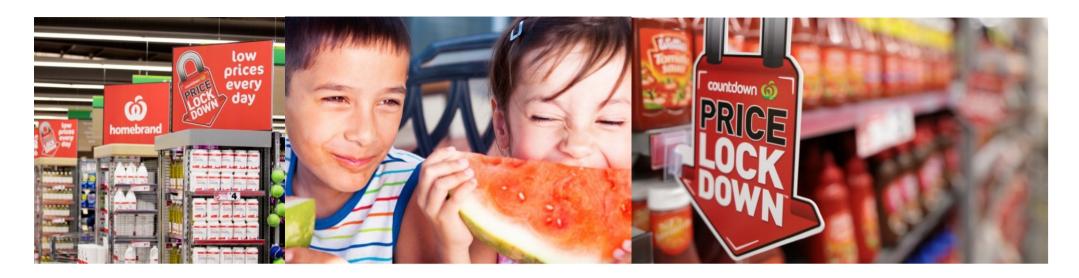
Greg Lewis - Bio



Greg Lewis

Countdown Engineering Manager - 2014 to Present: Greg Has being working in the supermarket Refrigeration/HVAC space for the last 20 years, working across all disciplines .With the evolving challenges the New Zealand Emission Trading scheme and the planned HFC phase out is putting on end users of the Refrigeration/HVAC industry Greg has been key in developing and driving the changes required in the Countdown store Kit and Carbon Strategy to deliver the Businesses aggressive 20/20 Sustainability targets, and send the message to other large end users that the key issues effecting them can be developed and managed with minimal impact on the business.





Countdown Carbon Update



PEL Carbon Strategy – Recap and Update from 2016

Countdown installed its first Co2 Hybrid refrigeration system into Countdown Frazer Cove IN 2008. this saw the introduction of Gen I Bitzer LT Co2 rack with a Bitzer screw 134a MT side. This was a decision made independently of Woolworths Australia with a localised specification. However the drivers were the same and largely driven by the 2007 Woolworths sustainability strategy. By 2016 Countdown had a total of 47 Hybrid systems with additional further four in construction.

Introduction of Transcritical CO₂

In 2016 a small metro store located in an existing building in Wellington New Zealand was approved to be Countdowns first Transcritical Store.

- Countdown Cable Car Lane: SCM Frigo

Countdown committed to the installation of a further x4 countdown and x2 WDL Transcritical systems

- Countdown Ashburton: Green and Cool

- Countdown Mosgiel: Green and Cool

- Countdown Reddings: Yet to be tendered

- Countdown Glenfield: Green and Cool

- FC The Crossings: Green and Cool

- FC Alexandra Park: Green and Cool





PEL Carbon Strategy - ConstructionUpdate 2018

- Now in 2018 Countdown has x 55 Hybrid systems with x2 in construction.

- Countdown has completed the installation of a further x4 countdown and x3 WDL Transcritical systems

Countdown Ashburton: Green and Cool, Completed

Countdown Mosgiel: Green and Cool, Completed

Countdown Glenfield: Green and Cool, Completed

FC The Crossings: Green and Cool, Completed

FC Te Ngae: Epta

FC The Crossings: Green and Cool

Looking forward to FY19 there are currently \times 10 new or refurbished Countdowns that are planned to have Transcritical plant installed in the next 12-18 months as well as \times 5 new or refurbished WDL Fresh Choice stores.

These number will be repeated as Countdown roll out an aggressive Refurbishment program well into the future.



