



Building the Future with Circular Solutions

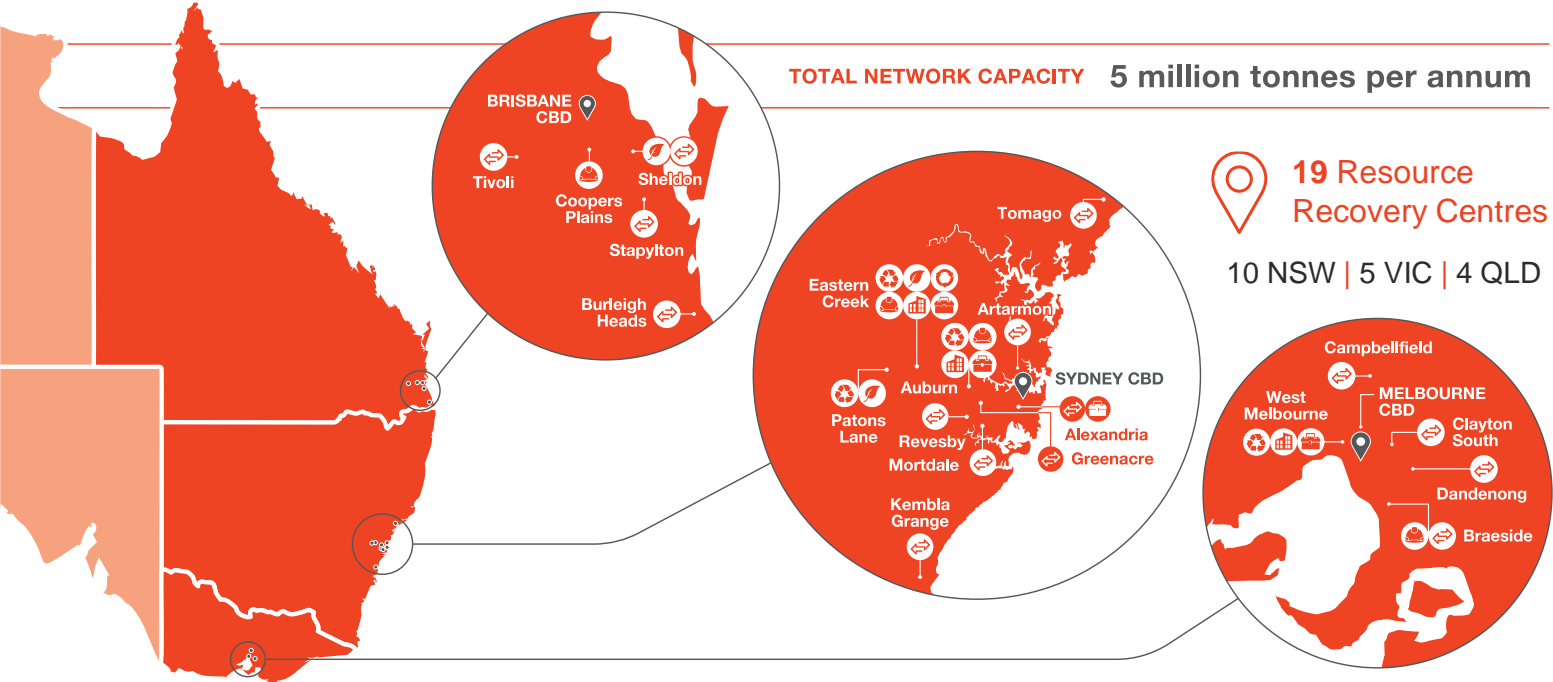
Matt Hyatt
Head of Sustainability

Rommel Varghese
Head of Public Affairs

BINGO
INDUSTRIES

BINGO Today

Our footprint

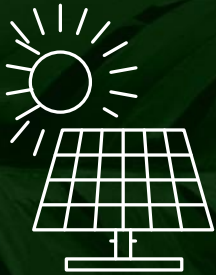




BINGO's Achievements over the past five years



RENEWABLE ENERGY



RE100

COMMITTED TO ACHIEVING

100%

RENEWABLE ELECTRICITY

ACROSS ALL BINGO FACILITIES

BY FY25



1.19 MILLION

TONNES
OF CO² EMISSIONS ABATED

EQUIVALENT TO TAKING **232,121** PETROL CARS OFF OUR ROADS FOR ONE YEAR



THIS HAS BEEN ACHIEVED THROUGH



INVESTMENT IN RECYCLING INFRASTRUCTURE LIKE MPC 2



INVESTMENTS IN RENEWABLE ENERGY INCLUDING SOLAR AND LANDFILL GAS DESTRUCTION



INNOVATION IN OFFTAKES THAT ENHANCE DIVERSION OF WASTE FROM LANDFILL

DECARBONISATION

50%

REDUCTION BY 2030

NET ZERO AT 2040



\$1 BILLION

BINGO'S INVESTMENT TO DATE IN NSW SINCE 2017

BINGO EAST COAST NETWORK CAPACITY



5 MILLION TONNES

OF WASTE PER ANNUM

2.7 MILLION TONNES



OF RECYCLED PRODUCT PRODUCED



MP02
100-100-100-100-100

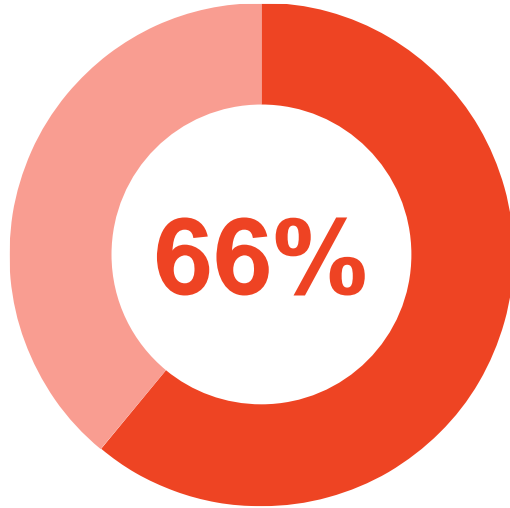
BINGO Today

TORO Waste Equipment & Djurwa (Indigenous JV with Yalagan Group)



Industry Today

Where are we today?



**Aus. 2020-21 resource
recovery rate**

During this time...



Burden of actions has fallen to local councils and waste/recycling industry



Australia remains ~ **top 10** in per capita emissions



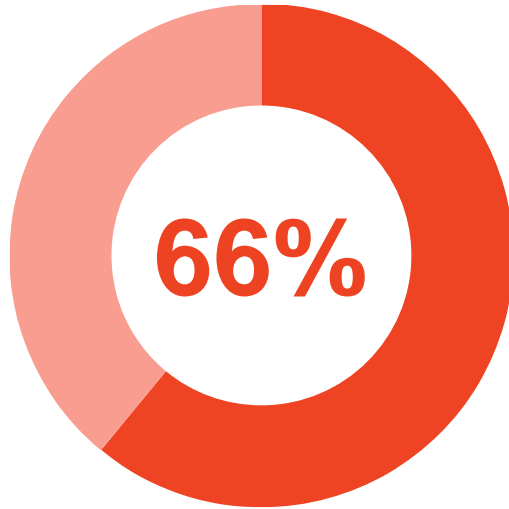
Biodiversity is **declining**



Waste generation per capita **increased** by 3% since 2016-17

Industry Today

Why we need innovate now?



**Aus. 20-21 resource
recovery rate**

14 - 34% remaining.....

- EfW unlikely to fill the gap
- Organics implementation by 2025-30
- Landfill constraints by 2030 in Sydney
- Product stewardship is piecemeal
- Leading to increased costs and missed targets

Circularity and Net Zero

The next push for BINGO to innovate



1. Waste Free Australia



Divert **100%** of allowable materials from landfill



Maximise **value** and **circularity** of recovered materials

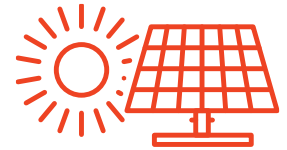


Maximise **energy recovery** from residual materials

2. Net Zero Operations By 2040



Interim 2030 target of **50% emissions reduction** from 2020 level (Scope 1 & 2)



Committed to RE100 – **renewable electricity only** from 2025 onwards

Circularity and Net Zero

The next push for everyone to innovate

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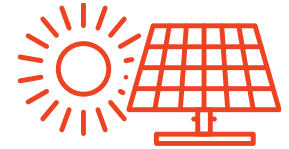


Federal & NSW Government targets of average of **80% recovery**, **10% waste reduction** per capita and “**achieve circular economy**” by 2030

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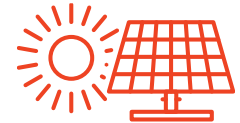


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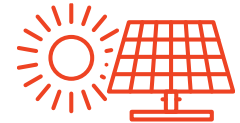


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Case Study

BINGO & Australian Panels



- Diverting up to 70,000 tonnes per annum of engineered timber from landfill
- Prevents approximately 49,000 tonnes of CO2 emissions per annum, which is equivalent to 10,904 cars off the road every year
- The particleboard produced from this process can be recycled again
- Further reduces the demand for plantation timber



Read more...

BINGO case study: Permanent Flares

BINGO has invested over \$5 million in odour mitigation activities and infrastructure, including the fast-tracked installation of a temporary advanced gas collection and management system

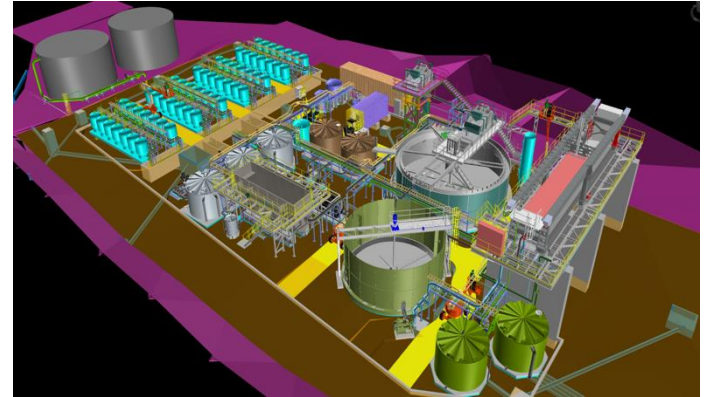
- Following an exceptional rain event in March 2021, significant volumes of water entered the landfill, resulting in increased odour.
- There has been a substantial reduction in odour emissions from the site through installation of landfill gas infrastructure.
- Additionally, two permanent flares have been operational since December 2022.
- Regular engagement with stakeholders including two community information days in the last six months.



Aerial view of the permanent flares compound

Patons Lane

- BINGO has reached a significant milestone in securing a Department of Planning and Environment development approval for the Patons Lane Recycling Water Treatment Plant (RWTP) and Leachate Treatment Plant (LTP).
- This coincides with the reactivation of BINGO's Patons Lane Landfill, which commenced operations on 3 July 2023.
- The RWTP will see BINGO improve the quality of recovered soils, sands and aggregates through washing, improving our waste diversion rates.



Read more...



Our people

SITES



19

RESOURCE
RECOVERY SITES

4

OFFICE SITES

PEOPLE



1,315
TOTAL

984 250 81

TRUCKS



391
TOTAL

231 115 45

FEMALE WORKFORCE



29%

LEADERSHIP

16%

COMPANY TOTAL

CULTURALLY & LINGUISTICALLY DIVERSE

27 

NATIONALITIES



25%

BORN
OVERSEAS

RECONCILIATION ACTION PLAN

- COMPLETED 1ST INNOVATE RAP
- LAUNCHED 2ND INNOVATE RAP

2.4%

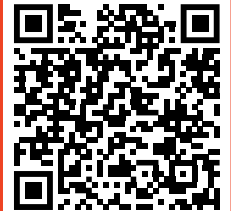
INDIGENOUS
PARTICIPATION

31 EMPLOYEES

⬆️ **77%** INCREASE
SINCE JULY 2021

The REvive Program

- Partnership with NSW Corrective Services, Yalagan Group and Djurwa to provide a training and employment program for rehabilitated First Nations offenders
- REvive candidates are enrolled to Certificate III training in process manufacturing, leading to full-time employment with BINGO once training has successfully been completed
- Yalagan Group, a Registered Training Organisation (RTO), and BINGO have been working closely for years, and founded joint venture Djurwa, an Indigenous waste management company, in 2021



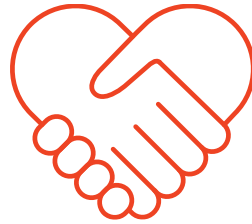
Read more...

Key Takeaways

How do we reach the targets?



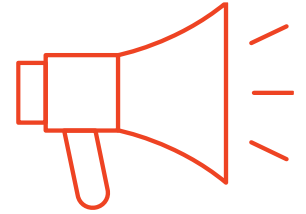
Commit to Net Zero and
Waste Free outcomes



Strategic partnerships



Assess the net position



Advocate for
reform

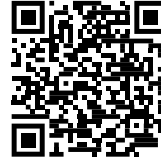
Look forward to working together

Connect with us



Matt Hyatt

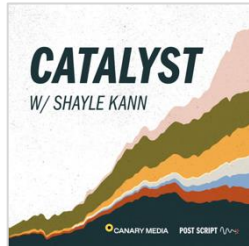
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Rommel Varghese

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Macquarie Asset
Management



Tech Zero
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Review