

BUILDING FOR *TOMORROW.*

Transport Portfolio Non-build outcomes

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Director General Transport



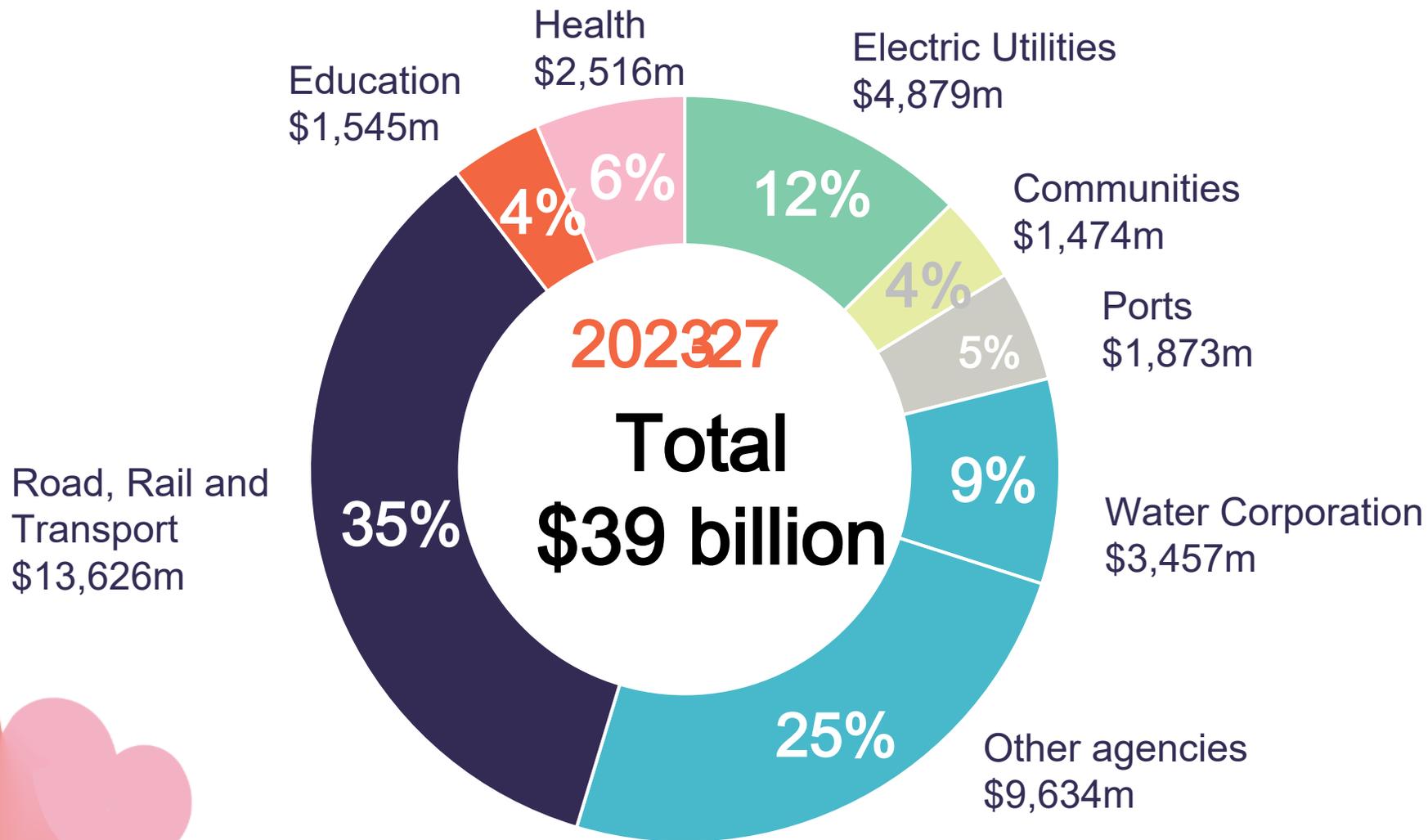
Department of Transport
Main Roads Western Australia
Public Transport Authority

METRONET





202327 Asset Investment Program





5 Years to June 2026
\$700 million
of contracts
3.5 million
worked hours



Portfolio Achievements

\$373.6m
Business spend
YTD: \$78.4m
2223: \$173.3m

1,859k
Hours worked
YTD: 301.4k hrs
2223: 829k hrs

% spend
YTD: 8.7% (indirect)
2223: 5.9 % (indirect)

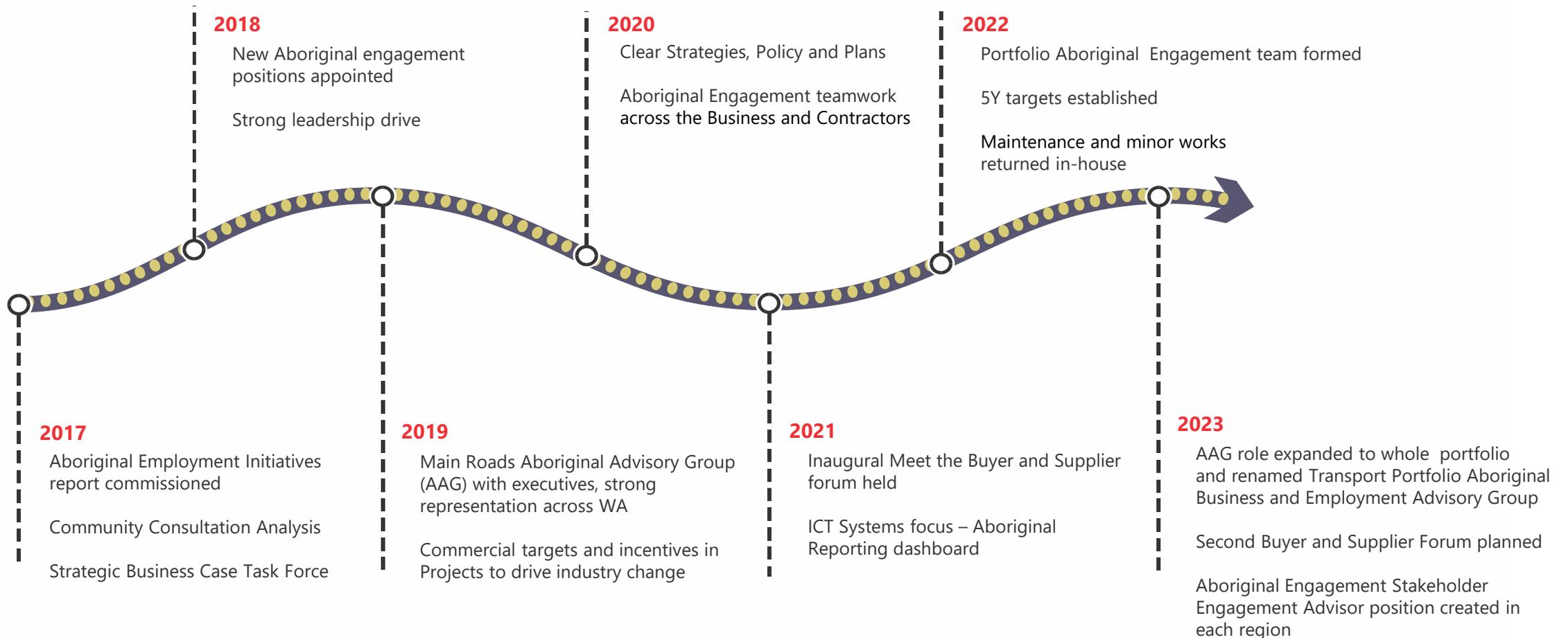
%Participation
YTD: 10.2%
2223: 8.3%

Figures are to 30 October 2023

How are
we going
up to now?



Aboriginal Engagement and Participation





Portfolio Aboriginal Engagement Team

- Improving contracting opportunities, supporting employment and developing business capability
- Relationships that will create pathways for Aboriginal people to gain sustainable employment
- Provide support and advice to the portfolio driving continuous improvement
- Enhance culturally safe working environments



BORRYakaDandjooProgram

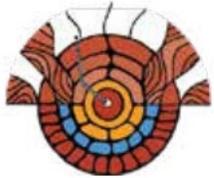


- 6 stage program to develop skills to be work ready
- Integrates life skills, education with TAFE and on the job training experience
- 164 participants completed training
 - 58 directly employed on BORR
 - 81 remain connected to the program incl 16 participants w within civil construction industry
 - 87 Aboriginal people graduated
 - 11th cohorts completed Aboriginal people make up 54% grad



GnarlaḂiddi Strategy

- Five engagement streams with minimum targets running across project life-cycle



Stream 1:
Cultural Recognition



Stream 2:
Noongar Cultural Input
into Placemaking



Stream 3:
Aboriginal Procurement



Stream 4:
Aboriginal Employment



Stream 5:
Land Access and Sites
Management

METRONET Noongar Reference Group of nominated elders provides cultural advice

In 2021/22
2,738 employees completed
cultural awareness training

15 Welcome to Country
ceremonies

Noongar Cultural Context
Documents for all projects to
inform project design

Noongar place names identified
for all station locations

In 2021/22
16 contracts above \$50,000
awarded with a total value
of **\$9.5 million**

In 2021/22
296 Aboriginal
employees across the
program

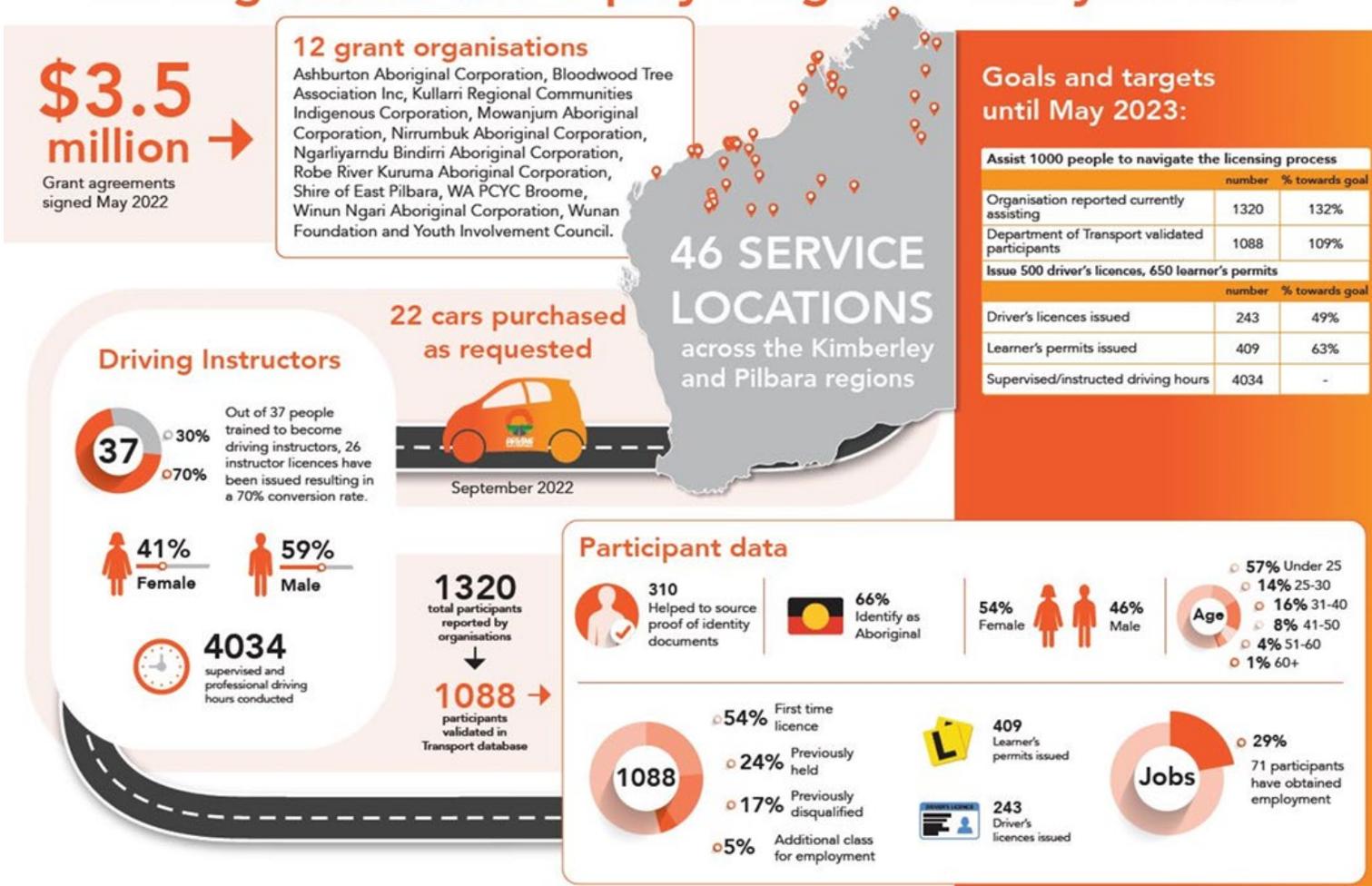
101,715 hours worked by
Aboriginal employees,
representing **5.07%** of the
workforce

Compliance with all
relevant statutory
requirements



Making a difference in remote communities

Driving Access and Equity Program - first year data





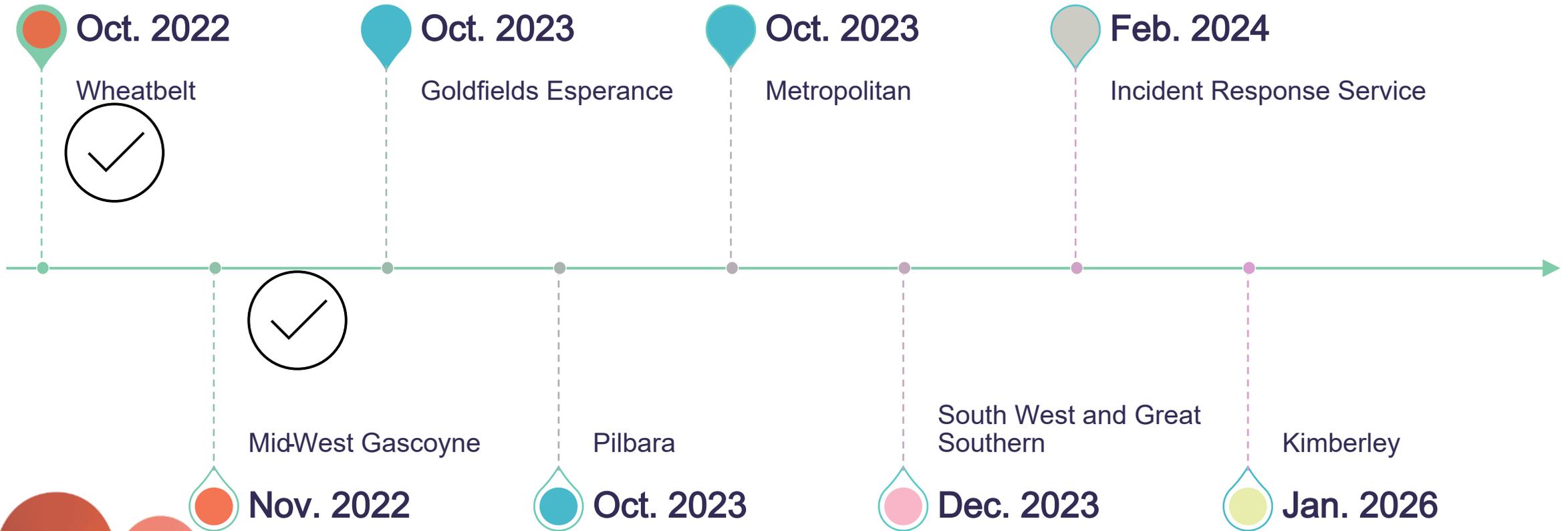
Insourcing Maintenance Works

- 660 new jobs, 490 in regional areas
- Job stability and increased capability
- Roles offered to locals while attracting people to work and live in regional WA
- We will encourage local spending and greater local community connections
- Increase in engagement of local business
- Opportunities for Aboriginal participation





Road maintenance timeframes





Diversity and inclusion

- Increasing participation of women in transport and providing a safe, equitable work environment
- Attracting youth into the industry
- Infrastructure readiness skills training providing opportunities and pathways for unemployed





Creating a Sustainable Industry

- Volume and scale of industry has grown
- Industry capacity constraints
- Emerging risks
 - Global economic changes
 - Supply chain issues
 - Climate change
 - New technologies
 - Sustainability
- Work together to plan for resilience





Sustainable WA Civil Construction Industry

- Four Pillars
 - People
 - Process
 - Supply Chain
 - Future thinking
- Benefits
 - Improved, consistent and better projects
 - Reduced volatility, peaks and troughs
 - Better risk allocation
 - Rewarding, satisfying, progressive careers





Sustainability

- Net Zero 2050
- Climate change and impacts on network resilience
- Adoption and use of recycled materials
- Promoting circular economy
- Offset management and approach
- Wheatbelt Revegetation Program



Sustainable use and reuse of materials

Leading the way

- Office of Major Transport Infrastructure Delivery (OMTID) awarded the 2023 Public Sector Industry Impact Award by the Infrastructure Sustainability Council
 - Praised for its role in driving sustainable change within the transportation industry
- The Tonkin Gap project (Tonkin Highway)
 - awarded a Gold rating for Design by the Infrastructure Sustainability Council



Sustainable use and reuse of materials

Leading the way

- METRONET stations:
 - Bayswater Station, Ellenbrook and Malaga have achieved Green Star Design Review ratings
 - All are on track to receive a 5 Star Green Star rating
- METRONET Railways
 - The Morley Ellenbrook Line project awarded a Gold rating for Design by the Infrastructure Sustainability Council



Green Building
Council Australia
Member 2022-2023



Infrastructure
Sustainability
Rating Scheme

Changing the way we do things

- Reviewing specifications, aiming to facilitate greater uptake of recycled materials, such as Crumb Rubber, Crushed Recycled Concrete, plastic pipes and Food Organics & Garden Organics (FOGO).
- More specifications are currently being reviewed to increase uptake of recycled and reused sands, as well as low carbon concrete.
- Using contract requirements to increase the use of recycled materials in future projects. The Tonkin Highway Extension project (set to go market early 2024) includes requirements to maximise the use of recycled materials.



The Thornlie-Cockburn Link project reused close to 3,000 tonnes of ballast to construct the drainage blanket within the rail alignment.



The Bunbury Outer Ring Road project has installed “Green Pipe” which is a 100% recycled plastic pipe. A total of 66 metres will be laid with ongoing investigation to utilise them elsewhere on the project.

OMTID has used more than 90,000 tonnes of recycled content to date



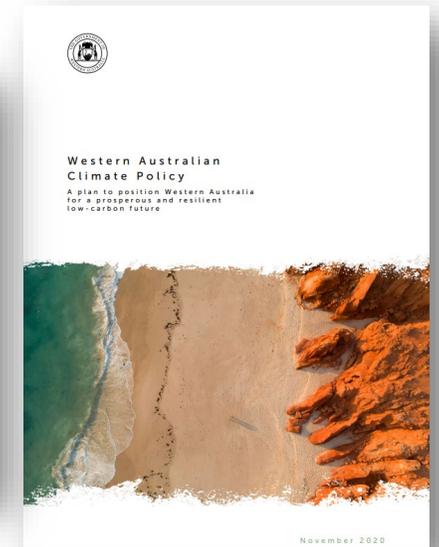
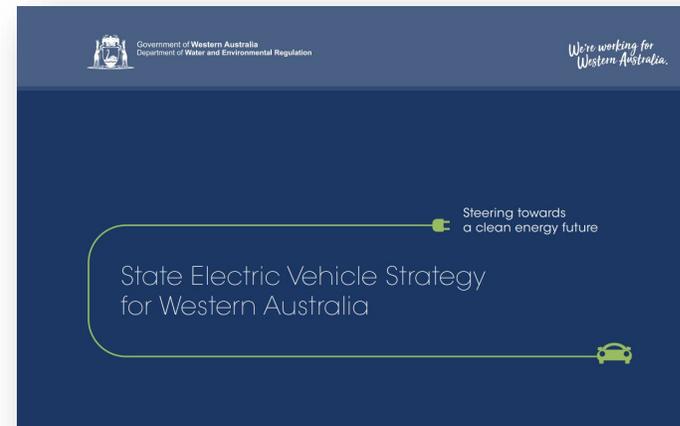
Contributing to net zero



The METRONET Morley-Ellenbrook Line project is home to WA's first 50kVa hybrid solar battery and will help power the Whiteman Park Station site

In line with the WA Climate Policy and the State Electric Vehicle Strategy, METRONET has committed to:

- Installing more than 800 kW of solar on rail stations
- Installing more than 70 Electric Vehicle parking bays, with plans to increase this number over time





Safety on our roads

- WA death toll for 2022 was at a six year high
- 65% of fatalities on rural roads
 - Single vehicle lane departure
 - Non collision crashes
- Road Safety Strategy
 - National Road Safety Plan (50% reduction in road fatalities)
 - Driving Change to 2030 (75% reduction by 2030)





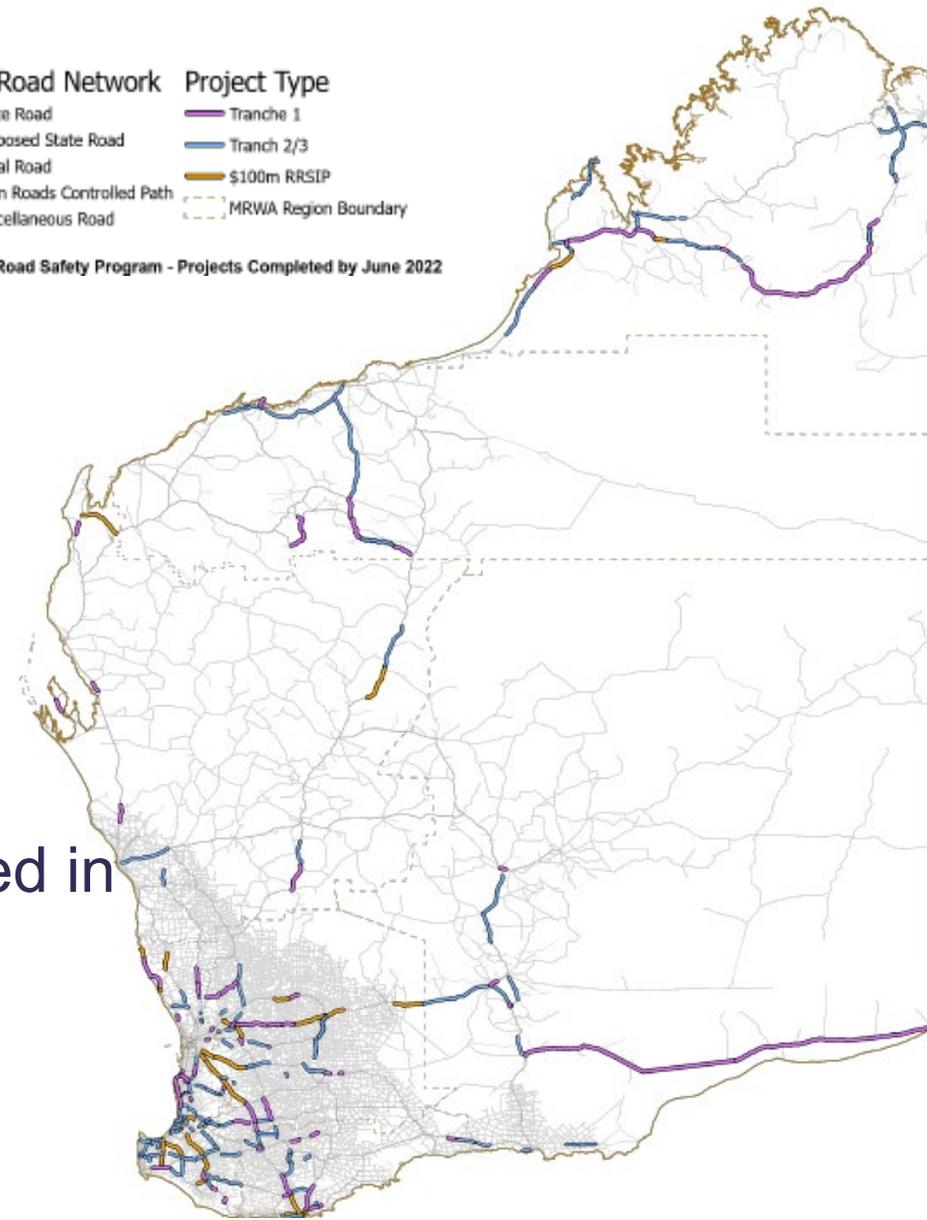
Regional Road Safety

- **\$1 Billion** investment to June 2025
- **\$654 million** spent to June 2023
- **7,500 kms** treated
 - Shoulder sealing
 - Audible edge lines
 - Wider centre lines
- **\$175m** allocated 2024 plus a further **\$175m** allocated in 2024/25 budget

State Road Network Project Type

— State Road	— Tranche 1
— Proposed State Road	— Tranche 2/3
— Local Road	— \$100m RRSIP
— Main Roads Controlled Path	— MRWA Region Boundary
— Miscellaneous Road	

Regional Road Safety Program - Projects Completed by June 2022





Regional Road Safety Early Results

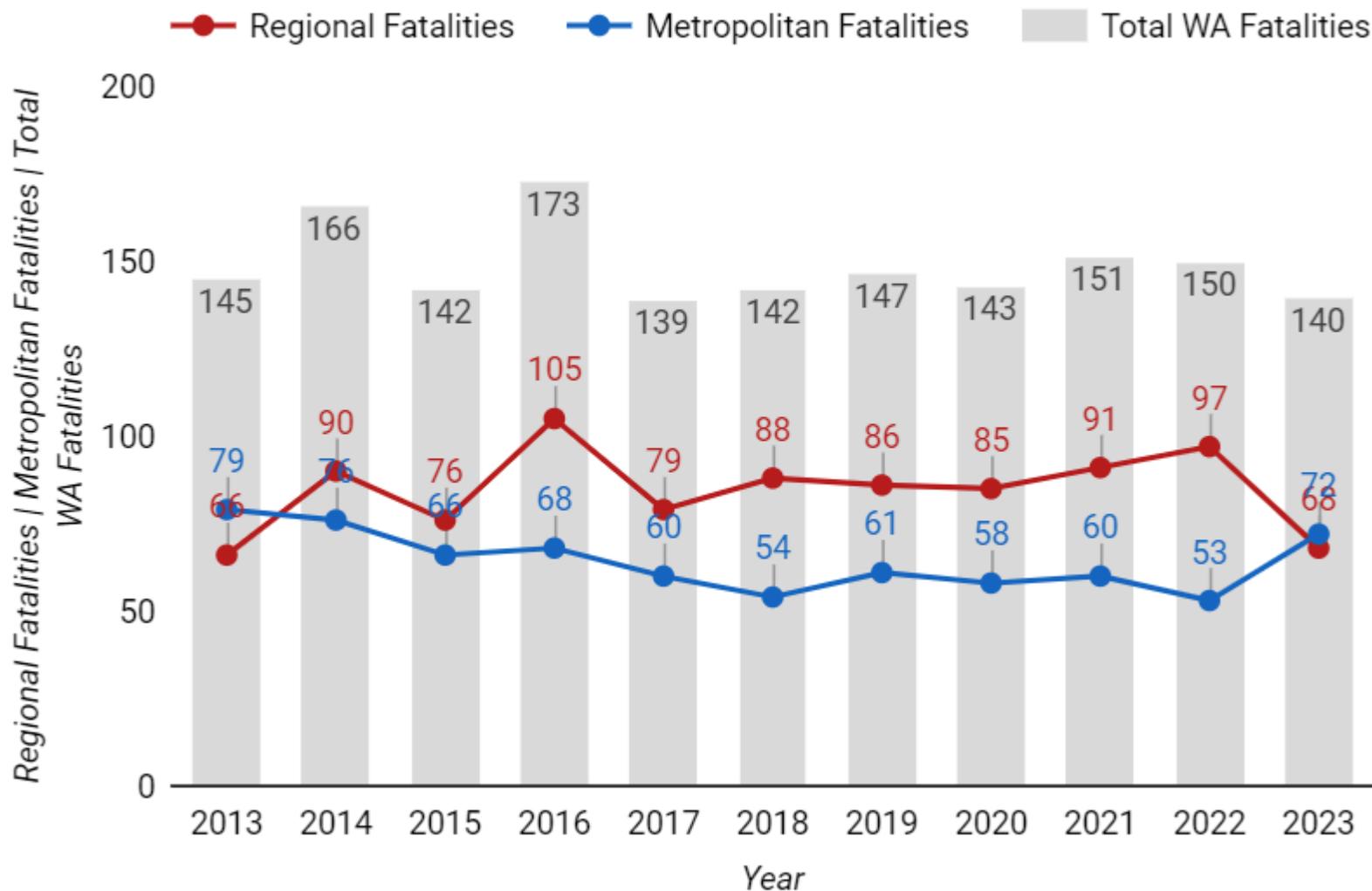
- Completed 7,000 km's
- Analysis done on 163 projects covering 4,800 kms
 - 50% reduction in fatalities
 - 35% reduction in serious injuries
- Gives confidence that the Program will achieve its goals
- Cost \$654m





WA Road Fatalities Year to Date

as at 27 November



BUILDING FOR TOMORROW.

Thank you



Department of Transport
Main Roads Western Australia
Public Transport Authority

METRONET



WESTPORT

