



Sustainable Development Goals – Reference Table

In September 2015, the Australian Government became a signatory to the United Nations Sustainable Development Goals (SDGs). These goals build on the Millennium Development Goals but is a more comprehensive, progressive and innovative agenda that responds to the many challenges faced by the world today and into the future. The new agenda provides a roadmap for global development efforts to 2030 and beyond.

The SDGs provide a framework to assess and benchmark our internal approach and progress for sustainable development as an organisation. The [SDG Index and Dashboard Report 2018](#) of the various indicators that underpin the SDGs was released. This report provides an update on progress on achieving the SDGs including by Australia as nation. Some of these indicators have relevance for Main Roads which are highlighted below together with an indication how Australia is performing against that indicator.

The reference table below is a summary of what we are doing to support achieving the SDGs, including in areas where challenges remain for Australia (key below).

Sustainable Development Goal	What we are doing	Australia's progress	Our progress
1) End Poverty In all its forms everywhere	In Western Australia the Indigenous, Women and people with disabilities are at higher risk to experience poverty. We have a number of policies that support the economic wellbeing of these group.	Challenges remain	Developing our People and Know-How <ul style="list-style-type: none"> - Promoting Diversity & Equal Opportunity - Reconciliation Action Plan & Indigenous Employment
2) End hunger, achieve food security and improved nutrition and promote sustainable agriculture SDG Indicator Focus: Prevalence of adult obesity	Improving the efficiency of freight is a key component of our strategic direction which will ultimately assist in maintaining the viability of the States agricultural areas. We promote proactive safety, health and wellbeing within our workforce. Main Roads promotes and encourages a safe and healthy lifestyle through various programs which aim to make our workforce more aware of health issues, which includes obesity, and promote behaviour change.	Major challenges remain	Enhancing Safety, Health and Wellbeing Road Efficiency State Development

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<p>3) Ensure healthy lives and promote well-being for all at all ages</p> <p>SDG Indicator Focus:</p> <p>Traffic deaths</p>	<p>We believe no one should die or be seriously injured on the State's road network, and we will manage the network to minimise the likelihood of road trauma to all road users.</p> <p>We support active and healthy lifestyles of all Western Australians through the provision of infrastructures that supports active transport such as Cycling and Pedestrian facilities. Our conditions of employment also promote healthy living.</p>	<p>Challenges remain</p>	<p>Our Sustainable Approach and Defining Materiality</p> <p>Road Safety</p> <p>Community Access</p> <p>Enhancing Safety, Health and Wellbeing</p> <p>Also refer to Road Safety</p>
<p>4) Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>SDG Indicator Focus:</p> <p>Population with tertiary education</p>	<p>We strive to create a rich, diverse workforce and place a strong emphasis on promoting equality to ensure our workplace is free from harassment, discrimination and that all employees have access to on-going development including study, training, progression and promotion.</p>	<p>Challenges remain</p>	<p>Developing our People and Know-How</p> <ul style="list-style-type: none"> - Promoting Diversity & Equal Opportunity - Developing our employees <p>Also refer to Employment – Learning and Development</p>
<p>5) Achieve gender equality and empower all women and girls</p> <p>SDG Indicator Focus:</p> <p>Female labour force participation</p> <p>Gender wage gap</p>	<p>We recognise and value the role of women in the workforce and gender diversity at all levels of the organisation as a business imperative.</p>	<p>Significant challenges remain</p>	<p>Developing our People and Know-How</p> <ul style="list-style-type: none"> - Promoting Diversity & Equal Opportunity - Women in Leadership <p>Also refer to Employment - Diversity</p>

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<p>6) Ensure availability and sustainable management of water and sanitation for all</p> <p>SDG Indicator Focus:</p> <p>Freshwater withdrawal</p>	<p>Water is a precious resource and our State continues to experience the effects of a drying climate. To make sure we do our part in conserving water we encourage practices that reduce our impact on water sources including improving water efficiency and overall water use, utilising recycled water and avoiding the use of potable water.</p>	<p>Challenges remain</p>	<p>Managing the Environment Refer to Sustainability – Environmental Footprint</p>
<p>7) Ensure access to affordable, reliable, sustainable and modern energy for all</p> <p>SDG Indicator Focus:</p> <p>CO2 from fuels & electricity</p> <p>Renewable energy in final consumption</p>	<p>We have implemented a Carbon Reduction Plan and Target committing us to a 5-15% reduction of 2010 levels by 2020. We encourage and support sustainable transport modes which reduce overall energy consumption including supporting the uptake of Electric Vehicles in WA.</p>	<p>Major challenges remain</p>	<p>Managing the Environment Refer to Sustainability – Environmental Footprint</p>
<p>8) Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p>SDG Indicator Focus:</p> <p>Youth not in employment, education, training</p>	<p>Through the implementation of procurement policies within our infrastructure investments we aim to provide wide spread and shared opportunities for employment or business throughout our supply chain.</p> <p>We are committed to supporting all employees, regardless of age or level of experience. We have significantly increased its representation of youth in the workforce and are considered to be a leader in the public sector in terms of youth employment strategies.</p>	<p>Challenges remain</p>	<p>Sustainable Procurement and Buy Local Developing our People and Know-How</p> <ul style="list-style-type: none"> - Reconciliation Action Plan & Indigenous Employment - <p>Government Building Training Policy Industry Participation Plans</p> <p>Also refer to Employment - Diversity</p>

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<p>9) Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p> <p>SDG Indicator Focus:</p> <p>Quality of Infrastructure: telephony, transport and energy</p> <p>Logistics Performance Index: ports, roads, rail and information technology</p> <p>Government R&D Expenditures</p> <p>R&D Researchers (per 1000 employed)</p> <p>Women in science and engineering</p>	<p>As a road infrastructure agency we aspire to provide world class outcomes for the customer through a safe, reliable and sustainable road-based transport system. Further, we aim to deliver a road-based transport system that improves community amenity, mobility and travel choice. We measure our the performance of our infrastructure investments using a number of mechanisms</p> <p>To ensure that our operations are open, accountable, fair and flexible, we collaborate with a wide range of customers and stakeholders who provide essential input to operational aspects of our business.</p> <p>Further, we significant activity to develop and enhance our collective knowledge of economic, environmental and social topics. We do this through close collaboration and partnership with industry and research institutions undertaking leading-edge road and transport research.</p>	<p>Significant challenges remain</p>	<p>Improving Customer Experience Managing the Environment – Sustainability Assessment in Projects and Operations Innovation and Research Program Strategic Research</p> <p>Also refer to Sustainability - Behaviour</p>

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<p>10) Reduce inequality within and among countries</p> <p>SDG Indicator Focus:</p> <p>Elderly Poverty Rate</p>	<p>We aim to assist bridge the gap with developing nations through providing in-kind contributions to the World Roads Association through our membership of Austroads. The World Roads Association mission includes 'considering the needs of developing countries and countries in transition'</p> <p>It is law in Australia for employers to contribute to employees superannuation. Within our contract workforce some of the smaller sub-contractors are sole traders and will be responsible for their own superannuation. We have policies in place to help ensure payment of sub-contractors.</p>	<p>Major challenges remain</p>	<p>Innovation and Research Program Financial Statements - Superannuation</p> <p>Also refer to Sustainability - Behaviour, Contracting to Main Roads – Subcontractor payment delay</p>
<p>11) Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>SDG Indicator Focus:</p> <p>PM2.5 in urban areas</p> <p>Satisfaction with Public Transport</p>	<p>As a road infrastructure agency we aspire to provide world class outcomes for the customer through a safe, reliable and sustainable road-based transport system. Further, we aim to deliver a road-based transport system that improves community amenity, mobility and travel choice whilst reducing indirect environmental impacts. We are an advocate of electric vehicles due to their potential to combat carbon emissions in transport and improve air quality in our urban areas.</p> <p>In partnership with PTA, we plan to introduce several new bus lanes on an increasing wider network in the near future. It is anticipated that this will further improve the public transport network and encourage more motorists to make the mode switch from vehicular travel to more sustainable types of transport.</p>	<p>Challenges remain</p>	<p>Our Performance Keeping WA Moving Road Safety Community Access Carbon Reduction Plan</p> <p>Refer to Sustainability – Sustainable Transport</p>

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<p>12) Ensure sustainable consumption and production patterns</p> <p>SDG Indicator Focus:</p> <p>E-waste</p> <p>Non recycled municipal solid waste</p> <p>Production-based SO2 emissions</p> <p>Nitrogen production footprint</p>	<p>We aim to foster a culture of sustainability, and sustainability transport, within our organisation, our industry and our community. We are an advocate of electric vehicles due to their potential to reduce carbon emissions and improve air quality in our urban areas. This notion extends to vehicles used in construction.</p> <p>We aim to reduce our environmental footprint by focusing on emissions, pollution, waste, land use and resources. We aim to use materials that minimise lifecycle impacts including embodied energy and follow the hierarchy of reduce, re-use and recycle. We actively work with industry to utilise WA's significant waste streams one of which is construction and demolition waste.</p>	<p>Major challenges remain</p>	<p>Carbon Reduction Plan Materials for Road Building</p> <p>Refer to Sustainability - Behaviour, Sustainability – Environmental Footprint</p>
<p>13) Take urgent action to combat climate change and its impacts</p> <p>SDG Indicator Focus:</p> <p>CO2 Emissions from Energy</p> <p>Imported CO2 Emissions, tech adjusted</p> <p>Climate Change Vulnerability</p>	<p>We are developing an appropriate response and adapting our business to the impacts of our changing climate. To ensure action we have a Carbon Reduction Plan and Target, focused on Scope One and Two emissions and have had a Climate Change Adaptation Plan since 2011.</p>	<p>Major challenges remain</p>	<p>Managing the Environment Carbon Reduction Plan Climate Change Adaptation Refer to Sustainability – Climate Change Refer to Sustainability – Environmental Footprint</p>

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14) Conserve and sustainably use the oceans, seas and marine resources for sustainable development	We aim to reduce our impact on the natural environment by focusing on emissions, pollution, waste, land use and resources. This includes managing run-off into our oceans and water bodies.	Major challenges remain	Managing the Environment Refer to Sustainability – Environmental Footprint, Environment and Heritage
15) Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss SDG Indicator Focus: Terrestrial sites, mean protected area Freshwater sites, mean protected area Red List Index of species survival Annual Change in Forest Area	We are committed to responsible environmental stewardship. We ensure our workforce is informed and committed, guided by policies and systems. We recognise what we do has potential to impact on Western Australia's unique environment. Our State is widely recognised as having unique flora and fauna species. This is demonstrated by the significant number of International Union for the Conservation of Nature (IUCN) Red List of Threatened Species located within the road reserve. The IUCN Red List of Threatened Species is recognised as a comprehensive inventory of the global conservation status of flora and fauna species.	Major challenges remain	Managing the Environment Refer to Our Environment, Sustainability – Environmental Footprint

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<p>16) Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</p> <p>SDG Indicator Focus:</p> <p>Feel safe walking at night</p> <p>Government efficiency</p> <p>Property rights</p> <p>Corruption Perception Index</p>	<p>We are committed to 'improve sustainability and community amenity' and have adopted the Infrastructure Sustainability Council of Australia (ISCA) best practice framework for infrastructure projects. Urban design is one of the ISCA rating categories for evaluating sustainability which includes designing out crime.</p> <p>To ensure that our operations are open, accountable, fair and flexible, we collaborate with a wide range of customers and stakeholders who provide essential input to operational aspects of our business.</p> <p>As part of the State's infrastructure we sometimes need land to improve existing roads or to provide new transport. Land is acquired by negotiation or formal taking action under the powers contained in the Land Administration Act 1997. Land required is previously identified within the Metropolitan Region Scheme or a Planning Control Area. The process of acquiring land can have significant community and social impacts which needs to be managed.</p>	<p>Significant challenges remain</p>	<p>Engaging with our stakeholders Additional Governance Disclosures: Freedom of Information, Integrity Framework, Corruption Prevention, Conduct and Ethics</p> <p>Also refer to Our Commitments to You, Sustainability – Sustainable Transport, Land Acquisition</p>

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<p>17) Strengthen the means of implementation and revitalize the global partnership for sustainable development</p> <p>SDG Indicator Focus:</p> <p>Health and Education spending</p> <p>Official development assistance</p> <p>Financial Secrecy Score</p>	<p>Main Roads is currently developing a Funding Policy that outlines the intent, principles, and responsibilities for the expansion of funding for Main Roads' activities through the identification, evaluation and implementation of alternative revenue, funding and financing opportunities.</p>	<p>Major challenges remain</p>	<p>Performance and Financials</p> <p>Also refer to Sustainability – Funding and Financing</p>

Key for SDG Indicators

On Target

Challenges Remain

Significant Challenges Remain

Major Challenges Remain