

Policy



Sustainability Policy

Our commitment

E2G is committed to integrating economic growth, environmental resilience, and social progress as priorities into decision-making at every level of the business, with the ambition to create long-term value.

Our approach

E2G will undertake its business in a manner that maximises positive social and economic impact for our people and stakeholders. We are adopting a resilient and enduring strategic approach to meet and mitigate the existing and emerging challenges for society and our infrastructure environment. E2G acknowledges that sustainability enables long term financial resilience.

Sustainability Policy in practice

- Create a sense of place for communities, by making a positive and meaningful difference to the community by genuinely engaging with the community and stakeholders
- Work closely with our customers to achieve optimal and resilient outcomes for users and society
- Decision making to integrate economic, social, environmental and governance aspects, and seek to achieve positive outcomes in each
- Minimise whole of life asset impact by future proofing our assets and responding to climate change
- Address environment considerations in a manner that is sensitive to the needs of our stakeholders and the environment, creating enhanced environmental outcomes wherever practical
- Be recognised as an industry leader in making our workplaces safer through innovation, collaboration and effective planning and management of risks
- Enhance workforce health and wellbeing and inclusion and diversity, through employee empowerment to deliver sustainable outcomes
- Source sustainably and ethically, including prioritising local industry participation, social procurement initiatives and a commitment to avoiding modern slavery
- Encourage innovation amongst our delivery teams and supply chain to achieve sustainable outcomes
- Manage all activities ethically, measuring and reporting the sustainability performance of the project
- Govern for sustainability by implementing project systems and processes to ensure the effective and efficient delivery and operation of the project
- Support the UN Sustainable Development Goals

E2G Sustainability Policy Endorsement

The following Senior Management team endorse the E2G Policy.

Name	Designation/ Position	Signature
Tom Ryzak	Project Manager HSA Group	<i>Tom Ryzak</i>
Sumit Khadka	Principal Engineer (Civil) (Far North) DTMR	<i>Sumit Khadka</i>
Adriaan Window	ANZ Sustainability Practice Leader HSA Group	<i>A Window</i>
Aaron Sacagio	Environment and Sustainability Lead	<i>A Sacagio</i>

E2G Sustainability Strategy - Objectives and Targets

The E2G Sustainability Strategy outlines the project objectives and associated targets on both a project and ISCA credit level It incorporates the overarching DTMR Sustainability Framework. This commitment is to be read in conjunction with the suite of E2G policies appended to this document that demonstrate a commitment from senior management to achieve sustainable outcomes for the project. The sustainability commitments detailed in the strategy and policy documents, go beyond mitigating negative impacts and commit to restorative actions through reversing deterioration and enhancing social values.

Date: 31 January 2020

E2G Project Objectives		E2G Project Targets		IS Credit Target
<p>Our business (TMR Sustainability Framework)</p> <ul style="list-style-type: none"> Building a transport system that is resilient in face of long term environmental and resource impacts. Striving to innovate to design and provide long term solutions to connecting Queensland. Understanding the economics of our business in providing efficient and value for money outcomes in delivering on our vision. Investing for long term resilience to key drivers of change. <p>Attain an ISCA Design and As Built Rating</p> <p>Support the UN Sustainable Development Goals</p> <p>Decision making to integrate economic, social, environmental and governance aspects, and seek to achieve positive outcomes in each</p> <p>Source sustainably and ethically, including prioritising local industry participation, social procurement initiatives and a commitment to avoiding modern slavery.</p>	<ul style="list-style-type: none"> Achieve an 'Excellent' ISCA Rating. Decisions are driven by sustainability (incorporating economic, social and environmental aspects) Consideration of environmental and sustainability aspects in the procurement process. Prioritise local material procurement. 	<p>Excellent rating</p> <p>Sustainability MCA applied to at least 2 significant issues</p> <p>Pro-1 Level 3 Pro-2 Level 3 Pro-3 Level 3 Pro-4 Level 2</p>		
<p>Minimise whole of life asset impact by future proofing our assets and responding to climate change</p> <p>Manage all activities ethically, measuring and reporting the sustainability performance of the project</p> <p>Our people (TMR Sustainability Framework)</p> <ul style="list-style-type: none"> Valuing and developing the competence and capability of our people. Encouraging a dynamic, safe and healthy workplace environment with a vibrant culture. Retaining employees and cultivating our reputation as an employer of choice. <p>TMR are a leader in sustainability</p> <p>Govern for sustainability by implementing project systems and processes to ensure the effective and efficient delivery and operation of the project</p> <p>Encourage innovation amongst our delivery teams and supply chain to achieve sustainable outcome.</p>	<ul style="list-style-type: none"> Implement adaptation options to treat 25-50% of all medium priority climate change risks identified in a climate change risk assessment. Ensure regular comprehensive and transparent sustainability reporting and review is carried out. 	<p>Cli-1 Level 2 Cli-2 Level 2</p> <p>Man-5</p>		
<p>Our stakeholders (TMR Sustainability Framework)</p> <ul style="list-style-type: none"> Partnering with our clients and key stakeholders to create and find innovative products and processes for leading sustainable transport solutions. <p>Recognising the importance of our key partners, Federal, state and local agencies and industry and the community.</p> <p>Create a sense of place for communities, by making a positive and meaningful difference to the community by genuinely engaging with the community and stakeholders</p> <p>Our society (TMR Sustainability Framework)</p> <ul style="list-style-type: none"> Meeting the basic access and equity needs of individuals and society. Safe, secure and healthy transport system. Ensuring that Queensland has a safe and healthy transport system that the community can afford to construct, access and maintain. Delivering on infrastructure that connects our cities, towns and regions for current and future prosperity Recognising the significance of different cultures and the importance of managing Indigenous, historical, shared and natural heritage. 	<ul style="list-style-type: none"> Sustainability commitments are made in the sustainability strategy and policy documents. The objectives in the sustainability policy are reflected in project contracts. Knowledge sharing, and lessons learnt within the project, between projects, from outside the project, with key stakeholders and to the wider industry is formally conducted. Innovation is a priority for the project Enhance workforce health and wellbeing and inclusion and diversity, through employee empowerment to deliver sustainable outcomes A comprehensive and inclusive stakeholder engagement strategy is developed and implemented. 	<p>Man-1 Level 2 Man-6 Level 3</p> <p>At least one Innovation point</p>		
				<p>Sta-1 (V2.0) Level 2 Sta-2 (V2.0) Level 2</p>

<p>Be recognised as an industry leader in making our workplaces safer through innovation, collaboration and effective planning and management of risks. Work closely with our customers to achieve optimal and resilient outcomes for users and society</p> <p>Natural and cultural heritage is protected, enhanced and managed.</p>	<ul style="list-style-type: none"> Project improves road safety and traffic impacts The project contributes to local employment and education with training specific to sustainability in addition to regular apprenticeship training and job opportunities. <p>Adverse impacts to heritage during construction and operation are minimised and opportunities to enhance heritage are implemented.</p>	<p>Hea-1 Level 3 Hea-2 Level 2</p> <p>Her-1 Level 2 Her-2 Level 3</p>
<p>Our environment (TMR Sustainability Framework)</p> <ul style="list-style-type: none"> Limiting pollution and waste and consumption of resources. Looking for efficiencies in our transport operations. Reducing our greenhouse gas emissions. Reducing the impact of our transport operations on the natural flora and fauna of the state <p>Address environment considerations in a manner that is sensitive to the needs of our stakeholders and the environment, creating enhanced environmental outcomes wherever practical</p>		
<p>Minimise the energy use and greenhouse gas emissions across the lifecycle of the project</p>	<ul style="list-style-type: none"> Have no adverse impact on the receiving water environmental values. No divergences from noise management processes during construction and no exceedances of noise goals for operation. No exceedances of vibration goals for structural damage to buildings and structures during construction or for human comfort criteria for operation. Minimise adverse impacts to local air quality. Light spill is prevented during construction and operation. 	<p>Dis-1 Level 3 Dis-2 Level 3 Dis-3 Level 3 Dis-4 Level 1</p>
<p>Minimise water use across the lifecycle of the project</p>	<ul style="list-style-type: none"> Reduce greenhouse gas emissions in construction and operation through energy-efficient lights and construction plant, and offsets using renewable energy technology. 	<p>Ene-1: 10% reduction against Base Case Ene-2: 5% substitution of energy from renewable sources</p>
<p>Minimise embodied energy and GHG emissions of materials across the lifecycle of the project</p> <p>Protect, manage and enhance the natural environment</p>	<ul style="list-style-type: none"> Reduce project material use and reliance on virgin materials through footprint reductions and material substitutions. Rehabilitate degraded land along road corridor and implement measures to improve local habitats. Rehabilitate impacted watercourses Creating passageways that allow fauna to safely move across the roadways. 	<p>Wat-1: 10% reduction against Base Case Wat-2: 100% substitution of potable water from non-potable sources.</p> <p>Mat-1: 15% reduction against Base Case</p> <p>Eco-1: The ecological value of infrastructure site is enhanced by 5% Eco-2 Habitat connectivity</p>