

# Sustainability Policy

John Holland Group (JHG) are committed to leaving a positive and lasting legacy through environmental, social, economic and governance for the delivery of the M7-M12 Integration Project.

JHG will endeavour to embed best practice environmental and sustainability outcomes through:

- Integration of social, environmental and economic factors into decision-making, planning, design and construction.
- Continuous improvement in management systems, complying with environmental legislation, regulations and other requirements. As well as supporting initiatives that go beyond compliance requirements.
- Integrating a culture of innovation and collaboration through all layers of management and delivery, from subcontractors through to senior management.
- Ensuring procurement documentation, systems and processes drive sustainability and innovation and;
- Ensuring sustainability aspects are evaluated in the supplier selection process.

We are also committed to:

- Minimising energy use and reducing emissions.
- Designing and constructing infrastructure to be resilient or adaptable to climate change impacts.
- Minimising biodiversity and ecological impacts and implementing restorative actions.
- Minimising the use of non-renewable resources and quantity of waste disposed to landfill and maximising the use of recycled materials.
- Minimising noise, water, land and air pollution generated by the project.
- Procuring goods, services, materials and works that over their lifecycle deliver value for money and contribute to the environmental, social and economic wellbeing of the community.
- Conserving and enhancing cultural heritage values.
- Providing community benefits through community safety, community engagement and social inclusion.
- Working with our local and regional supply chain to maximise opportunities for First Nations Businesses and Young people, workers; small and medium size Enterprises and local businesses from Western Sydney and maximise employment opportunities.
- Enriching the local economies and communities we work within and procuring local materials and services where possible.
- Providing local training and/or education to develop workforce skills.
- Leaving a positive, lasting legacy and a net positive benefit for society and the environment.

Mark Turner  
**Environment, Sustainability  
and Approvals Manager**

Steve Kiddle  
**Project Director**

Stefanie Nutt  
**People & Culture Director**

## M7 M12 Integration Project Sustainability Strategy – Objectives and Targets

The M7-M12 Integration Project Sustainability Strategy outlines project objectives and targets and are considerate of both the overarching M12 Sustainability Strategy, Transport Sustainability Plan, as well as project-level sustainability objectives and targets. These items are in conjunction with the suite of other policies for the M7-M12 Integration Project which demonstrate a commitment from senior management to achieve sustainable outcomes for the project.

These sustainability policy commitments and linked targets and objectives cover environmental, social, and economic aspects, and go beyond mitigating negative impacts and commit to restorative actions to improve and enhance environmental and social values.

M7 M12 Key Focus Area	Policy commitment	Project Target	ISC Credit
<b>Leave a positive and lasting legacy</b>		Achieve an ISC V1.2 Design Rating and As-Built score of 75+	All
TfNSW Transport Sustainability Plan Focus Area: Respond to Climate Change			
<b>Objectives:</b>			
<ul style="list-style-type: none"> <li>Net zero emissions by 2050</li> <li>Consider climate change risks in all decisions</li> </ul>			
<b>Energy and carbon management</b>	Minimise energy use and reduce carbon emissions	<ul style="list-style-type: none"> <li>100% of construction stage electricity sourced from renewable energy generated onsite and/or accredited renewable energy</li> <li>10% of construction stage energy use offset (in accordance with the Australian Government National Carbon Offset Standard)</li> <li>30% (TfNSW Specifications R53, B80) and 40% (TfNSW Specifications R82, R83) of cement replacement material, measured by mass, used in concrete during the construction stage</li> <li>80% reduction in greenhouse gas emissions from operational energy versus a business-as-usual design</li> <li>20% reduction in greenhouse gas emissions from construction energy use versus a business-as-usual baseline</li> <li>100% LED light sources in street lighting and other permanent area lighting installed for public amenity or safety purposes</li> <li>10% reduction in supply chain carbon emissions (including embodied energy in materials) versus a business-as-usual baseline</li> </ul>	Ene-1 Ene-2 Rso-6
<b>Climate change resilience</b>	Design and construct transport infrastructure to be resilient or adaptable to climate change impacts.	<ul style="list-style-type: none"> <li>Undertake climate change risk assessments for the construction and operational stage of the project in accordance with AS 5334-2013</li> <li>Identify and implement adaptation measures to comprehensively address all 'extreme' and 'high' rated risks and a minimum of 25% of all 'medium' risks identified</li> </ul>	Cli-1 Cli-2

TfNSW Transport Sustainability Plan Focus Area: Protect and enhance biodiversity

**Objectives:**

- No net loss of biodiversity

<b>Biodiversity</b>	Minimise biodiversity and ecological impacts, and implement restorative actions	<ul style="list-style-type: none"> <li>• Maintain ecological value and habitat connectivity in line with Eco-1 and Eco-2 ISC credits</li> </ul>	Eco-1 Eco-2
---------------------	---	---	----------------

TfNSW Transport Sustainability Plan Focus Area: Improve environmental outcomes

**Objectives:**

- Develop a circular economy for Transport by designing waste and pollution out and keeping products and materials in use
- Reduce environmental impacts of projects and operations

<b>Resource use and waste management</b>	Minimise the use of non-renewable resources and quantity of waste disposed to landfill and maximising the use of recycled materials.	<ul style="list-style-type: none"> <li>• 100% of usable spoil (uncontaminated surplus excavated material) and VENM diverted from landfill</li> <li>• &gt;90% Construction and Demolition waste diverted from landfill</li> <li>• 100% clean concrete and asphalt diverted from landfill</li> <li>• 10% recycled material used in road base and sub-base during the construction stage</li> <li>• 100% of office paper used on the project site that is high recycled content paper (50 per cent or more recycled content)</li> <li>• 0% single use and/or non-recyclable kitchen items supplied to on-site facilities</li> <li>• 60% of office waste diverted from landfill</li> <li>• 15% of water to be sourced from non-potable water sources during construction</li> <li>• 33% reduction in construction potable water consumption versus a business-as-usual design</li> </ul>	Was-1 Was-2 Wat-1 Wat-2
<b>Pollution control</b>	Minimise noise, water, land and air pollution generated by the project.	<ul style="list-style-type: none"> <li>• Ensure that all non-road diesel plant and equipment complies with the European Union or US EPA air emission standards.</li> <li>• Ongoing monitoring and no adverse impacts or recurring exceedances</li> </ul>	Dis-1 Dis-2 Dis-3 Dis-4 Dis-5

TfNSW Transport Sustainability Plan Focus Area: Procure responsibly

**Objectives:**

- All suppliers meet the standards in the Transport Supplier Sustainability Charter
- Social and environmental outcomes included in all procurement decisions
- Go beyond minimum compliance targets and Aboriginal Procurement Policy

TfNSW Transport Sustainability Plan Focus Area: Align spend and impact

**Objectives:**

- All decisions consider value created from sustainability alongside financial analysis
- Reduce whole of life costs for the transport network

<b>Sustainable procurement</b>	<ul style="list-style-type: none"> <li>Procure goods, services, materials and works that over their lifecycle deliver value for money and contribute to the environmental, social and economic wellbeing of the community</li> <li>Work with our local and regional supply chain to maximise opportunities for First Nations Businesses and Young people, workers; small and medium size Enterprises and local businesses from Western Sydney and maximise employment opportunities</li> <li>Enriching the local economies and communities we work within and procuring local materials and services where possible.</li> <li>Providing local training and/or education to develop workforce skills.</li> </ul>	<ul style="list-style-type: none"> <li>Achieve social procurement and workforce targets including:               <ul style="list-style-type: none"> <li>20% of all qualified Trade Persons to be apprentices</li> <li>20% of the total project Workforce as learning workers</li> <li>3% of the total qualified Trade Persons are women</li> <li>4% of the Workforce are women</li> <li>10% of the Workforce aged under 25 years old</li> <li>30% of the Workforce resides in the WSROC Area</li> <li>4 university undergraduates or recent graduate placements per annum</li> </ul> </li> <li>100% of suppliers and supply chain applying sound labour practices, considered in alignment with ISO 20400, the Modern Slavery Act (NSW) 2018, and the Modern Slavery Act (Cth) 2018</li> <li>100% of timber to be sourced from either reused/recycled timber or from sustainably managed forests that have obtained Forest Management Certification (FMC).</li> </ul>	Pro-1 Pro-2 Pro-3 Pro-4 Wfs-1 Wfs-2
		<ul style="list-style-type: none"> <li>Demonstrate that opportunities to reduce material use and utilise materials with low embodied impact have been identified, analysed and implemented. Whole-of-life costs and benefits estimated for each opportunity identified.</li> </ul>	Man-7 Rso-6 Rso-7

TfNSW Transport Sustainability Plan Focus Area: Partner with communities

**Objectives:**

- Always leave a positive legacy for communities as a result of projects
- Enable, apply and report on community engagement

<b>Liveable communities</b>	<ul style="list-style-type: none"> <li>Providing community benefits through community safety, community engagement and social inclusion.</li> <li>Leaving a positive, lasting legacy and a net positive benefit for society and the environment.</li> </ul>	<ul style="list-style-type: none"> <li>Implement design measures to reduce the likelihood of crime</li> <li>Provide a high quality integrated urban design using best practice principles and design review</li> <li>Address community concerns and engage with stakeholders and the community in a clear, timely and relevant manner</li> </ul>	Urb-1 Urb-2 Hea-1 Hea-2 Sta-1 Sta-2 Sta-3 Sta-4
-----------------------------	---	--	--

TfNSW Transport Sustainability Plan Focus Area: Respect culture and heritage

**Objectives:**

- Aboriginal culture and non-Aboriginal heritage is integrated and preserved
- Acknowledge and incorporate culture through stories, examples, and best practice

<p><b>Heritage</b></p>	<ul style="list-style-type: none"> <li>• Conserve and enhance cultural heritage values</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain and aim to enhance cultural heritage values</li> <li>• Provide a 'Connection to Country' through the Project Works through consulting with the Aboriginal community</li> <li>• Develop a project wide art and heritage strategy that incorporates Aboriginal and non-Aboriginal themes, colours, stories, artworks into the Project Works</li> </ul>	<p>Her-1 Her-2 Hea-1</p>
------------------------	---	--	----------------------------------