

TVGL Sustainability Targets and Objectives



Project overview

The Marinus Link project is an undersea and underground electricity and data interconnector between North West Tasmania and the Latrobe Valley in Victoria. The project will deliver an integrated asset comprising High Voltage Direct Current (HVDC) cables, fibre optic cables, a fibre optic terminal station, and converter stations at each end.

Marinus Link comprises two 750 MW, 320 kV HVDC circuits with each circuit being delivered in two stages. Stage 1 is scheduled for commissioning in 2030, and stage 2 will be delivered at a later date, aligned to the needs of the National Electricity Market. Stage 1 will include the delivery of some components of Stage 2 enabling works to support a more efficient delivery of Stage 2.

The Balance of Works package comprises the design and construction of the civil works and converter station construction required to enable the successful completion, commissioning and long-term operation of Marinus Link. These Sustainability Targets and Objectives will be applied to deliver the Converter Design and Construction Stations (CDCS) Permanent Works and Land Cable Civil (LCC) Permanent Works.

MARINUS
LINK

Sustainability commitment

TasVic GreenLink is committed to delivering sustainable outcomes for the Balance of Works scope on the Marinus Link Project. This commitment will be demonstrated in our delivery of a Design and As-Built Infrastructure Sustainability (IS) Rating to ensure accountability and independent verification of measurable sustainability criteria across design, construction, stakeholder relationships, environment, project people and legacy. Our delivery approach will focus on innovative methodologies that prioritise and support local values, community and environmental protection industry. TasVic GreenLink's sustainability objectives and targets have been developed based on the [Marinus Link Sustainability Framework](#) and the Balance of Works high material areas.

Marinus Link's Sustainability Framework provides the roadmap for achieving long-term value and guides the project's sustainability commitments detailed in their Environment and Sustainability Policy. It establishes clear objectives, priorities, and focus areas aligned with the United Nations Sustainable Development Goals, ensuring a best-practice approach to sustainable development.

Developed through a materiality assessment and extensive stakeholder engagement, the Framework identifies three core objectives:



MLPL Sustainability Framework
sustainability objectives

Sustainability objectives and targets



Healthy Planet



Environmental Protection

Objective:

- Minimise our environmental footprint and promote biodiversity;
- Comply with relevant environmental and sustainability legislation and regulations.
- Minimise disturbance to sensitive receivers from airborne noise and vibration.

Target:

- No exceedances of NEPM 24-hour average standards for PM10 and PM2.5 caused by construction activities
- No exceedances of noise and vibration goals or limits caused by construction activities.
- No unauthorised water discharges.
- No unauthorised removal of native vegetation.
- Offsets to be obtained for all native vegetation removed.



Climate and Natural Hazards

Objective:

- Strengthen our actions on climate change.
- Identify, assess and treat risks to the asset associated with climate change and natural hazards.

Target:

- Prepare a Climate and Natural Hazard Risk Assessment that assesses the potential effects of climate change on the permanent asset design using two climate change projection scenarios in the short and long term.
- Implement treatment options to reduce all extreme and high priority indirect and direct risks to a medium or below risk.



Water Management

Objective:

- Reduce water demand in design development and construction methodology.
- Minimise demand on potable water supply and utilise alternative water sources.

Target:

- Achieve a 10% reduction in total water use over the infrastructure lifecycle from project base case.
- Where feasible, implement mud recycling to minimise water usage for horizontal directional drilling works.
- Implement feasible alternative water source options with a financial payback of two years or less.
- 10% replacement of the total lifecycle potable water demand with alternative non-potable water.



Energy Efficiency

Objective:

- Reduce energy and carbon emissions across the infrastructure life cycle to drive towards net zero.
- Support the transition to net zero using renewable power as an alternative to fossil fuels.
- Minimise our environmental footprint and native vegetation clearing.

Target:

- Achieve a 15% reduction in energy and carbon emissions across the infrastructure life cycle (scope 1, 2 and 3) compared to the base case.
- Procure 100% Green Energy from an accredited electricity supplier for all grid sourced electricity.
- Implement a hybrid power solution for all off-grid site offices and compounds.



Resource Efficiency and Management

Objective:

- Identify, implement and manage resource efficiency expectations for each phase of the infrastructure life cycle to support positive circular economy outcomes.
- Maximise the reuse of spoil onsite.
- Maximise recycling and recovery of waste to reduce landfill

Target:

- Develop a Resource Efficiency Strategy and Implementation Plan.
- Achieve a 20% reduction in material life cycle impacts (measured by the materials lifecycle calculator) compared to the base case.
- 20% of all products to have an Environmental Product Declaration (EPD) or equivalent
- Divert at least 85% of clean spoil from landfill, of which 50% to be reused on site.
- Divert at least 70% of construction and demolition waste from landfill
- Divert at least 60% of office waste from landfill



Community Prosperity



Social Impact & Project Legacy

Objective:

- Understand local community needs and work with governments and local partners to build resilience and leave a positive legacy;
- Strengthen relationships by listening, understanding and learning from Traditional Custodians.

Target:

- Implement three enduring contractor funded local benefits initiatives in North-West Tasmania and Gippsland that leverage construction activity to deliver additional social and environmental value.
- Zero incidents of damage to cultural heritage items, places or values.
- 2% First Nations employment
- 10% local labour upskilling
- 10% local employment in Victoria
- 50% local employment in Tasmania
- 20% Local business expenditure



Trusted Organisation



Leadership & Governance

Objective:

- Implement a robust and tailored sustainability governance and delivery system
- Integrate social, economic and environmental aspects into project decision-making, including procurement, design and delivery.

Target

- Achieve a minimum 45 points to deliver a 'Silver' IS v2.2 Design and As-Built Rating
- Establish a Sustainability Leadership Committee on the project to drive sustainability outcomes.

Endorsement

Title	Name	Signature	Date
Project Director			
Technical Director/Deputy Project Director			
Commercial Director			
CDCS Senior Project Manager			
LCC Senior Project Manager			
Engineering Manager			
Social License & Stakeholder Relations Manager			
Environment & Sustainability Manager			
People & Capability Manager			

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