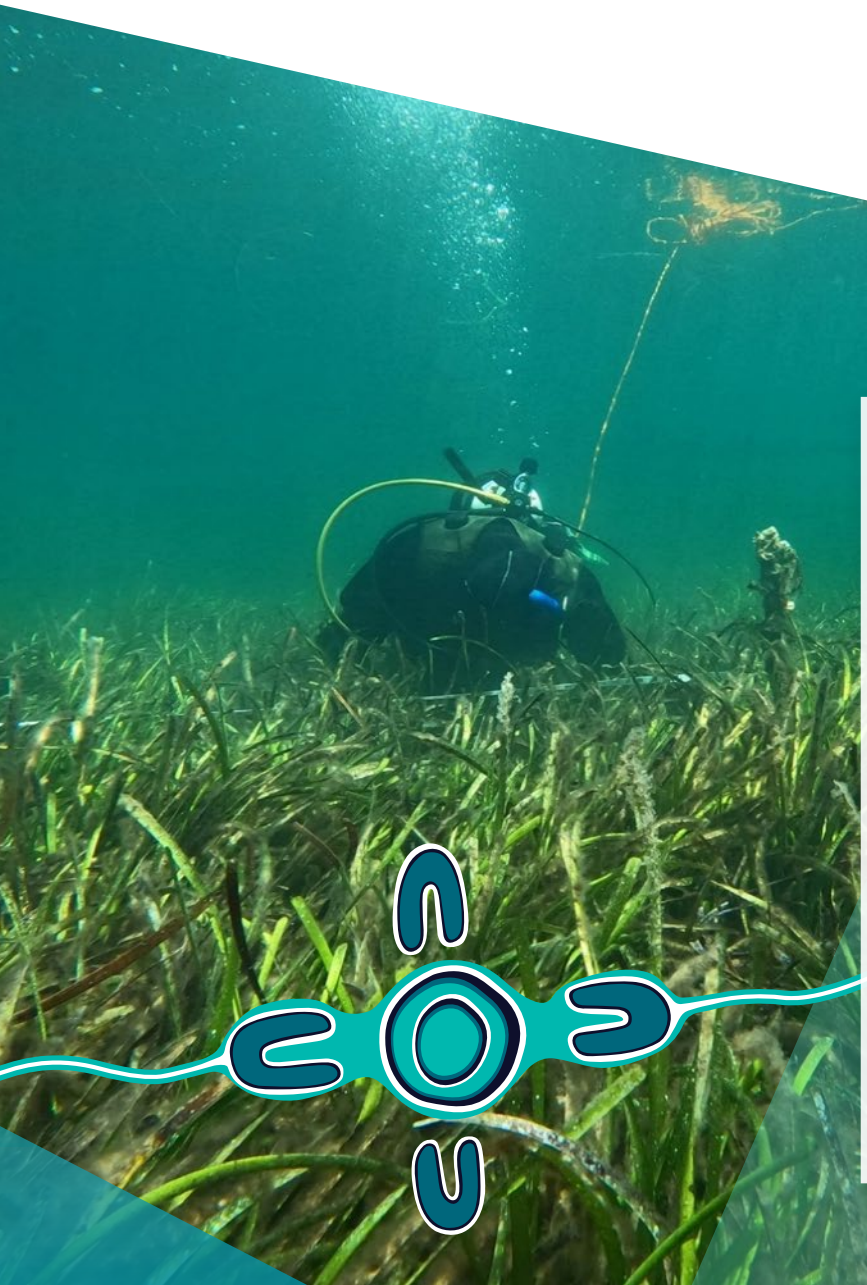
GOVERNMENT OF WESTERN AUSTRALIA

WESTPORT

Westport **Environmental, Social and Governance Strategy**

Actions Report: January – July 2023



About this review

Westport's Environmental, Social and Governance (ESG) Strategy was published in January 2023, to guide our approach to achieving ESG objectives during Stage 3 'Business Case and Definition Design' (2020 – 2024).

In the Strategy, Westport committed to biannual reporting on the progress of ESG initiatives to build trust and accountability with stakeholders and the community. This is Westport's first ESG Actions Review, with the next review expected in late 2023.

About Westport

Westport is the WA State Government's long-term program to investigate, plan and build a future port in Kwinana with integrated road and rail transport networks.

We have a once-in-a-century opportunity to design a new port that will achieve positive outcomes for the economy, environment, Aboriginal people and the broader community.

Westport is currently in Stage 3, focused on developing a business case that the WA Government will use to make an investment decision on the next stage of Westport.

The business case will provide recommendations on when the new infrastructure should be developed, how container trade should transition from Fremantle to Kwinana, and an early design for the new container terminal plus servicing road and rail networks. The business case will be submitted to the WA Government in mid-2024.

Westport's ESG Strategy

Westport's Environmental, Social and Governance (ESG) Strategy will guide our approach to ESG objectives during Stage 3. As part of Stage 3 'Business Case and Definition Design' (2020 – 2024) Westport will determine how and when a new container terminal and optimised supply chain will be delivered.

Design, modelling and engagement work undertaken in Stage 3 will help develop ESG targets for the next stage of Westport's delivery (Stage 4).

Read Westport's ESG Strategy

Figure 1: Westport's timeline and ESG Strategy

ESG Vision: Plan, build and operate Australia's most sustainable, and first, regenerative port.

ESG Pillars

Pillar	Environmental	Social	Governance
Commitments	**Deliver positive long-term benefits for the natural and physical environment.**	**Create opportunities for social advancement.**	**Make decisions which benefit Western Australians with strong, transparent governance and reporting.**
Objectives	Protect sensitive natural and physical environments Deliver new science well beyond the needs of our own project to underpin Cockburn Sound's long-term holistic management. Embed *Working With Nature* principles into planning to regenerate the natural and physical environment striving for a better environment after construction than before. Design and catalyse a *net zero* port and local container supply chain by 2050. Advance circular economy outcomes by reducing, reusing, and recovering materials during construction.	Identify opportunities to increase industry capability and the creation of high-quality jobs. Partner with Noongar people to recognise cultural values in design and create opportunities for the Noongar community and businesses. Implement safety in design to ensure both workers and the community surrounding transport links are safe. Engage with stakeholders, industry and the community to inform design, best practice and expectations.	Meet the needs of future generations by ensuring the efficiency, scalability, and resilience of the port and supply chain beyond 2070. Demonstrate transparent and responsible governance. Comply with legislative, regulatory and State Government policy obligations during the planning and delivery of the port and supply chain infrastructure. Ensure sustainability, Noongar opportunities and social values are embedded into all relevant procurement during planning.

Underpinning objectives

Embed ESG outcomes into both performance criteria for design of the port, and success criteria for the Westport Office.

Report on our ESG performance against nationally and internationally recognised industry standards.

Plan for ESG outcomes as part of project development plans and commercial agreements for design, construction and operation.

January – July 2023 updates
Environmental Initiatives

Starting

- Investigate opportunities for ZEV and hydrogen power container trucks and trains in Perth metropolitan area.

Underway

- Work has commenced on the development of Westport's Resource Efficiency Strategy. This strategy will aim to predict and classify required inputs and outputs, identify risks and opportunities regarding reuse and recovery of waste, and identify targets for use of recycled materials.
- Westport's $13.5 million partnership with the Western Australian Marine Science Institution (WAMSI) is investigating ecosystem modelling and integration, sediment and water quality, fisheries and aquatic resources, and apex predators and iconic species.
- A cumulative impact prediction tool for the Cockburn Sound is being developed as part of the WAMSI Westport Marine Science Program. Recognising that Cockburn Sound is a site of strategic importance beyond Westport, this tool will support a holistic consideration of the planned activities in Cockburn Sound across the public and private sectors.
- Work is underway to develop a Marine and Terrestrial Mitigation Strategy. The strategy will identify opportunities for rehabilitation, replanting and species protection in the Cockburn Sound. Marine and Terrestrial Mitigation Working Groups have been established to support the development of the strategy.
- Comprehensive site surveys are being undertaken to document and map existing flora and fauna potentially impacted in the Anketell Road corridor.

Highlights

Westport is now two years into our three-year partnership with the Western Australian Marine Science Institution (WAMSI) in delivering the WAMSI Westport Marine Science Program. With more than 100 scientists and researchers working across 30 projects, this comprehensive research program is filling important knowledge gaps about Cockburn Sound's ecosystem. Research is providing key inputs into the design process which will then feed into Westport's Business Case, as well as shaping Westport's Environmental Impact Assessment (EIA) and Mitigation Strategies.

Learn more about WAMSI

Weather station installed at Cockburn Sound

Researchers from the University of Western Australia have installed a meteorological station at Cockburn Sound in the Cockburn Cement loading jetty to detect a range of atmospheric conditions.

The weather station will be deployed for 12 months and measure wind speed and direction, air temperature, humidity, air pressure, solar radiation, precipitation and photosynthetically active radiation (PAR) at five-minute intervals. This data will inform the analysis and interpretation of field measurements undertaken for various projects under the WAMSI Westport Marine Science Program, which include hydrodynamics and ecology.

Marine foodweb project identifies crucial species

Researchers are looking at the food web of Cockburn Sound and Owen Anchorage to help identify critical species in the area. A combination of gut content and isotope analysis is being used to help compile a statistical model to determine dominant food sources and create a comprehensive foodweb of Cockburn Sound.

According to ECU to researcher, Dr Roisin McCallum, "Understanding dominant food sources and the complexity of a foodweb helps us to determine important species which we can monitor during and post stressors such as underwater construction. This will provide information on the ecological health of the foodweb to management."

Working towards a shared goal

Recognising the potential impacts of this project, and the potential opportunities, Westport has established two reference groups, a Marine Mitigation Working Group and a Terrestrial Mitigation Working Group, to guide the development of Westport's environmental Mitigation Strategies. Comprised of experts from state and local government, community and recreational groups, and environmental groups, Westport is working closely with members to develop mitigation measures that will help protect, benefit and regenerate Cockburn Sound and the surrounding area.

Members of Westport's Terrestrial Mitigation Working Group

- The Department of Water and Environmental Regulation
- Main Roads Western Australia
- The Department of Biodiversity, Conservation and Attractions
- Public Transport Authority
- Beeliar Regional Park Community Advisory Committee
- Perth NRM
- Local Government Associations
- Representation on behalf of the Westport Noongar Advisory Group

Members of Westport's Marine Mitigation Working Group

- The Department of Water and Environmental Regulation
- The Department of Primary Industries and Regional Development
- The Department of Biodiversity, Conservation and Attractions
- The Western Australian Marine Science Institution
- Recfishwest
- Cockburn Sound Management Council
- Local Government Associations
- Representation on behalf of the Westport Noongar Advisory Group

Social Initiatives

Starting

- A Research and Innovation Plan will be developed in the first half of 2024.
- Undertake academic research with industry and training operators to develop suitable pathway programs.

Underway

- In consultation with Local Governments we are working to identify and map locations of social values within the Westport footprint.
- The Westport team is collaborating with various agencies and subject matter experts to quantify job creation potential and job profiles required for the successful delivery and operations of the Westport program.
- As part of the WAMSI Westport Marine Science Program researchers are engaging with the community to identify and better understand the community values connected to Cockburn Sound.

Completed

- A Westport Noongar Opportunities Action Plan has been established to help achieve the goals outlined in the Westport Noongar Opportunities Strategy released in March 2023.
- Safety in design elements associated with terminal, road and rail have been included in the Concept Design/s, through a multi-criteria analysis (MCA) process. This ensures safety has been considered when looking at port design options to protect port users.

Highlights

Westport Noongar Opportunities Strategy and Action Plan finalised

In close collaboration with Westport's Noongar Advisory Group, Westport has created an Implementation Plan for Westport's Noongar Opportunities Strategy, which was released in March 2023. The Noongar Opportunities Strategy guides the program in achieving our vision, enabling opportunities to ensure benefits are maximised for Noongar communities with the development of the port and supply chain infrastructure.

The Noongar Opportunities Action Plan outlines the specific planning activities and approaches that will be implemented to achieve the objectives outlined in the Strategy. Later in 2023 Westport will release a report on Noongar Opportunity actions, initiatives and progress.

Embedding Research and Innovation

Westport is striving to design a port and supply chain that, once operational, delivers net positive environmental, social and economic benefits to Western Australian communities, consumers and businesses.

There is increasing pressure for the shipping and logistics industries to implement low or net zero carbon operations, and ports are emerging as key facilitators of the drive to sustainability. Westport has an opportunity to be innovative and sustainable in design and is targeting a net zero supply chain. As part of this work we are developing a Research and Innovation plan outlining our approach to ensure that new infrastructure is not only cutting edge when complete, but can adapt to new innovations well into operations.

As part of Westport's Supply Chain Integrated Design Project for the terminal and landside infrastructure (including road and rail), information about potential innovations is being recorded on an innovation register. Innovations will be assessed using Technology Readiness Level's, a model initially developed in the 1970's by NASA, to determine if they can easily be incorporated into Westport's Business Case design or if a separate 'Innovation' Case is required. Through this process we are considering how to embed the capacity for Westport's design to adapt to innovations that may not be viable for 20, 30, or even 50 years.

Governance Initiatives

Starting

- A Transition Plan is being developed to support the Transition of port operations, stevedores and related port business in addition to ensuring industry, including small business, are prepared.

Underway

- Westport have commenced work with the Infrastructure Sustainability Council Australia (ISC) to undertake a Planning rating for the Westport Program, Port Planning and Anketell-Thomas Road.
- The Supply Chain Integrated Design team are producing port and landside option designs which are considering both growth in demand and sustainability requirements, to help ensure trade benefits for society are sustained until 2074.
- Following workshops with local industry, emergency services, state government agencies and local governments, Westport are developing a Resilience and Climate Adaptation Strategy. These plans will help identify and manage risks and implement treatment options.
- Westport are developing a Benefits Management Plan. The purpose of this plan is to identify the work being completed in Stage 3 that may also be leveraged by other agencies and organisations in the future.

Completed

- The Westport ESG Reference Group was established in February 2023. Members have the expertise and experience to support Westport in managing and minimising our Environmental, Social and Sustainability impacts. This includes specialists in the Western Australian academia, marine and terrestrial environments, sustainability, and community networks.
- The Marine and Terrestrial Mitigation Working Groups were established in January 2023. The purpose of the mitigation working groups are to evaluate, prioritise and provide cost estimates for recommended mitigation measures for inclusion in each iterative stage of the Westport Mitigation Strategy. The working Groups are comprised of members with technical and subject area expertise, and key community and industry stakeholder bodies.
- 400+ hours of operators consultation to help design the supply chain and optimise different port and landside options.
- Westport are using an Infrastructure Australia compliant multi-criteria analysis (MCA) framework. This includes input relating to carbon management, benthic habitat mapping, flushing and other environmental considerations.

Highlights

Experts providing oversight of ESG initiatives

Westport's ESG Reference Group provided valuable advice during the development of the ESG Strategy. Since then, we have continued to meet with members to capture their feedback on Westport's initiatives and seek their knowledge and expertise as the project progresses. We would like to thank members for providing their time and expertise, which continues to shape Westport's ESG journey.

Members of Westport's ESG Reference Group include Professor Peter Newman (Curtin University), Professor Kateryna Longley (Murdoch University), Adrian Warner (Road Safety Commissioner for WA), Warwick Carter (Perth South West Metropolitan Alliance), Brenda Micale (South Metropolitan TAFE), and Owen Thomas (Infrastructure WA).

Infrastructure Sustainability Council

Westport to pursue ISC rating

Westport joined as a member of the WA Infrastructure Sustainability Council (ISC) earlier this year and is using ISC to evaluate and add value to our approach to planning and ESG. The IS Rating Scheme (IS) is an Australian system for evaluating economic, social and environmental performance of infrastructure from the planning stage through to operations. By committing to this nationally recognised, best-practice assessment process for sustainable infrastructure, Westport is ensuring that sustainability is embedded in our planning and design processes.

Joined-up Government partnerships

Agencies across the WA public sector are working closely with us to deliver key Westport projects, related initiatives and policies. Our Government Program Partners are represented on Westport's Steering Committee and Program Control Group, providing direction and oversight on Westport's strategic planning activities.

State Government Agencies integrated into Westport's Project Team and Governance processes include; The Department of Jobs, Science, Tourism and Innovation, The Department of Planning, Lands and Heritage, The Department of Premier and Cabinet, The Department of Primary Industries and Regional Development, The Department of Transport, The Department of Treasury, The Department of Water and Environmental Regulation, Fremantle Ports Authority, Infrastructure WA, Main Roads Western Australia, The Public Transport Authority and The State Solicitors Office.

Recognising the importance of Westport to the State Government's broader strategic vision for WA, Westport is also an active member of the Future of Fremantle, and Global Advance Industries Hub governance bodies, including working groups and steering committees, ensuring these initiatives are aligned and complimentary. Taking a holistic, collaborative, whole-of-Government approach allows for opportunities across the WA public sector to realised, ultimately achieving better outcomes for our State.

Further Information

To find out more about the Westport Program and our ESG Strategy, visit **www.westport.wa.gov.au**

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