



Westport Environmental, Social and Governance Strategy

Actions Report:
August 2024 to March 2025



About Westport

Westport is the State Government's planning program to resolve future container trade constraints in Western Australia by relocating container trade from Fremantle to Kwinana. This includes planning new port facilities, a connected road and rail freight system, and logistics operations.

About this Progress Report

The Westport Environmental, Social and Governance (ESG) Strategy was published in January 2023, to guide our approach to achieving ESG objectives. 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 the fourth Westport ESG Actions Report, capturing our progress from August 2024 through to March 2025 against the [Westport ESG Action Plan](#), which underpins how we are implementing our ESG Strategy. This report also outlines our commitment to the [United Nations Sustainable Development Goals](#) (UN SDGs).

To learn more about the Westport ESG Strategy or view the previous ESG Action Reports visit our [website](#).

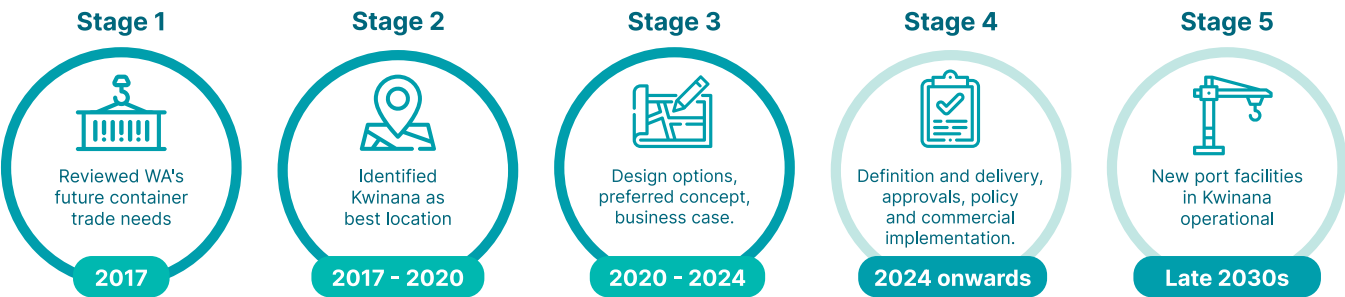
Project Progress

In November 2023, Westport announced a [preferred design](#) for WA's future container supply chain, including new port facilities in Kwinana supported by an upgraded road and rail freight network and logistics hub.

A business case was delivered to the Government in 2024, which outlined the recommendations for the development, timing and costs for the development of the new port facilities. Early concept designs for the future marine and landside supply chain were developed for Westport as part of the Business Case. You can find a summary of the Westport Business Case [here](#).

With funding for the next stage of detailed design for the marine infrastructure, roads and rail, Westport is now in Stage 4 – Design and Delivery (2024 to Delivery).

This Stage includes obtaining the necessary environmental approvals from both the State and Federal regulator, with no construction to begin until environmental recommendations and approvals are received. Stage 4 also involves resolving risks and uncertainties, land acquisition, and refining costs and construction strategies ahead of final decisions and procurement of capital works and contracts.



Our ESG approach

Westport is aiming 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. The Westport ESG Strategy guided our approach to achieving environmental, social and governance objectives in Stage 3 (2020 – 2024). Our approach to designing and achieving these objectives has involved consultation with experts and thought leaders in sustainability, ensuring we are on track to achieve these objectives in planning, delivery, transition, and operational stages.

Infrastructure Sustainability Council

As a member of the Infrastructure Sustainability Council (ISC), Westport is seeking ISC evaluation to independently verify to our approach to planning and ESG. The IS Rating Scheme (IS) measures how we are tracking against key economic, social and environmental aims throughout the planning phase.

ESG Pillars, Commitments and Objectives

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 <i>Working With Nature</i> into planning to regenerate the natural and physical environment striving for a better environment after construction than before. - Design and catalyse a <i>net zero</i> 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.		

Update on Stage 3 Environment Actions

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
1 Implement an Infrastructure Australia compliant multi-criteria analysis (MCA) framework that considers environment, social and economic impacts, and opportunities.	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. Westport used an MCA process, with substantial weightings on environmental and social outcomes, to identify a preferred design for the new port facilities and supply chain. Based on Westport’s goals and sub-goals, the assessment criteria considered environmental impacts, long-term sustainability, supply chain efficiency, and financial value.	Complete	
2 Develop a net zero transition plan to design, catalyse and certify a net zero port and local container supply chain by 2050.	The construction of the new port facilities, road and rail freight networks, and their eventual operations, have the potential to contribute significantly to national emissions. At the same time, it presents a powerful opportunity to shift the WA infrastructure sector towards more sustainable construction practices. To support this transition, the Westport Net Zero Strategy and Action Plan was finalised in 2024, setting a clear pathway for decarbonisation and sustainable growth. The Strategy will guide the delivery of Westport’s goals to design, construct and operate a net zero port by 2050. To develop the Strategy, a comprehensive whole-of-life carbon assessment identified the largest emissions sources throughout construction and operations. In alignment with international best practice for carbon management, the Strategy focuses on three core pillars of decarbonisation: reduction of upfront, operational, and enabled carbon. Guided by the principles of the carbon reduction hierarchy and extensive stakeholder engagement,	Complete	

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
2 Develop a net zero transition plan to design, catalyse and certify a net zero port and local container supply chain by 2050.	the Strategy defines the priority focus areas to maximise decarbonisation efforts. These include transition plans for sustainable materials, decarbonisation of construction machinery, sustainable container operations and green fleet and shipping. As we proceed into Stage 4, work will commence to implement the actions detailed in the Action Plans across each of these focus areas, marking a transition from planning to delivery.		
3 Investigate opportunities to import and trial zero emission vehicle (ZEV) container trucks and trains in Perth metropolitan area through partnerships that can create demonstrations.	The Westport Net Zero Strategy (refer to Action 2) identified user emissions, including container trucks and trains, as a key focus area for Westport’s decarbonisation efforts. Acknowledging Westport can not fully control user emissions, the project will aim to facilitate and encourage the use of zero emission container trucks and trains to influence and accelerate users’ transition towards net zero. Stage 4 will see work to further plan and develop actions that will support container truck and train decarbonisation, including exploring opportunities to pilot decarbonisation trials in collaboration with freight companies and future-proofing design to accommodate for net zero infrastructure.	Underway	
4 Commission a study into international best practice recycled materials in road and rail construction.	A global desktop study was conducted, reviewing international policies, guidance and laws to identify best practice approaches to using recycled materials. The findings informed the development and finalisation of the Westport Resource Efficiency Strategy and Action Plan (refer to ESG Action 5). These investigations will continue in Stage 4 to ensure continuous improvement and capture emerging innovations.	Complete	

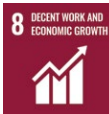
Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
5 Implement actions for reuse and recovery of waste products for construction materials through a resource efficiency strategy.	Major infrastructure projects often rely on vast amounts of finite raw materials and generate large volumes of waste. To address this, Westport prepared a Resource Efficiency Strategy to guide resource efficiency efforts in Stage 4. The Strategy is designed to reduce reliance on limited resources and improve sustainability performance by optimising material use, thereby minimising waste and lowering economic and environmental costs. It supports Western Australia's transition to a circular economy through collaboration with key government and industry stakeholders and aligns with Commonwealth and State policies and guidelines, including the WA Waste Avoidance Strategy 2030. Key focus areas have been identified to accelerate opportunities and promote the adoption of circular economy approaches in collaboration with stakeholders. The Strategy is supported by an Action Plan. In Stage 4, work will commence to implement the actions identified for the key focus areas. For further information on the development of the Resource Efficiency Strategy and Action Plan, refer to Westport ESG Strategy Actions Report February 2024 – July 2024	Complete	    

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
6 Deliver a Westport Environmental and Social Resilience Building Strategy which identifies opportunities for rehabilitation, replanting, acquisition, and species protection – marine and terrestrial.	The delivery and future operation of Westport will inevitably have environmental and local impacts that will need to be managed. Westport's Environmental Impact Assessment documentation, to be published in 2026, will set out the environmental impacts of the port proposal, in addition to the proposed mitigation and offset plans that will aim to minimise residual environmental impact to the greatest extent possible. The Westport Environmental and Social Resilience Building Strategy outlines proposed initiatives to build long-term resilience for environmental and social values through the construction and ongoing operation of the container terminal and Anketell Road upgrade projects. The Strategy underwent final review ahead of a government decision to implement all or a portion of the proposed Resilience Building projects.	Underway	    

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
7 Invest \$13.5 million into contemporary marine science for Cockburn Sound to fill gaps in science, ensure a highly robust Environment Impact Assessment (EIA), mitigation activities, and support future Government decision-making towards more holistic management of the Sound.	Westport has committed to plan, build and operate the most sustainable port in Australia, which means supporting the long-term health of Cockburn Sound. Westport has invested \$13.5 million with Western Australian Marine Science Institution (WAMSI) to deliver an independent marine science research program to establish environmental baselines and improve understanding of ecological processes, shape design and operational planning for the new port infrastructure, and inform mitigation strategies and long-term restoration planning. This program of work was undertaken earlier than usual in the infrastructure design process to ensure environmental objectives were integrated from the outset. Following a rigorous peer review process, all finalised reports have been published on WAMSI's website. The remaining reports will be published ahead of the Environmental Protection Authority's (EPA's) Public Environmental Review in 2026. For further details on the status of the reports, please visit: WAMSI Project Status Westport	Underway	 
8 Apply 'Working with Nature' principles to embed environmental and social outcomes into infrastructure design and procurement of planning and design services.	Completed item from Westport ESG Strategy Actions Report February 2024 – July 2024. Westport has embedded the Working with Nature approach into Stage 3 design work (refer to Westport ESG Strategy Actions Report August 2023 – January 2024). This will continue to be an area of focus for Stage 4 of Westport.	Complete	 

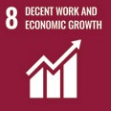
Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
9 Fund the development of a cumulative impact prediction tool for Cockburn Sound.	The Cockburn Sound Integrated Ecosystem Model has been completed and is being used by Westport for initial hydrodynamic modelling during 2024-2025. It will continue to be utilised for cumulative environmental impact analysis as a key component of Westport's environmental impact assessment and dredge management planning in Stage 4.	Complete	 
10 Co-fund and build a curated database for all environmental data and concluded studies - to be made available upon completion of the project.	Through the WAMSI Westport Marine Science Program, a platform to store environmental data is being developed. This is an ongoing process, and as new data becomes available, it will be uploaded to the platform.	Ongoing	   
11 Undertake comprehensive site surveys to document and map existing terrestrial flora and fauna potentially impacted in the Anketell Road corridor and "last mile".	All planned Stage 3 ecological site surveys within the Anketell Road development area west of Kwinana Freeway and within the Kwinana Industrial Area have been completed. The site surveys will help us better understand potential impacts upon existing vegetation and inform Westport's Environmental Impact Assessment process and guide opportunities to mitigate or offset potential impacts.	Complete	   
12 Improve understanding of dredging impacts in advance (pre-approval stage) through marine site investigations.	Westport completed marine geophysical surveys in early 2025. The information collected from the surveys will inform Westport's detailed design and planning activities, including dredge management planning. This work will be supported by the various other science projects delivered through the WAMSI Westport Marine Science Program, such as benthic habitat mapping, and seagrass and fish species impact threshold studies. Further marine site investigations will be undertaken in Stage 4.	Complete	 

Update on Stage 3 Social Actions

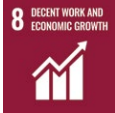
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13 Develop a plan for social values management.	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. Working with local governments and using a gap analysis process Westport identified areas of social value within the project footprint for consideration in future planning. This work has also been complemented by the WAMSI Westport Marine Science Program Theme 6 Social Values studies. The findings from the gap analysis and Theme 6 (Social Values) projects were inputs to the Westport Environment and Social Resilience Building Strategy (see Action 6 above), which proposes a suite of measures to address social values potentially impacted by Westport.	Complete	    
14 Pursue all targets set out in the Noongar Opportunities Stage 3 Action Plan.	The Noongar Opportunities Action Plan progressed to the end of Stage 3, with 17 of 28 actions completed and 10 ongoing into Stage 4. Learnings from Stage 3 will inform delivery in Stage 4. The Noongar Opportunities Strategy and Action Plan will be reviewed in Stage 4 to ensure the proposed actions reflect the most current and relevant opportunities at the design and definition stage.	Complete	   

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15 Quantify the job creation potential and job profiles required for the successful delivery and operations of the Westport Program.	Westport has early estimates of the labour resources required for constructing the Westport Program infrastructure. These estimates have informed the Westport Workforce Strategy and will guide efforts to target key areas for workforce development. Labour resource projections will be regularly updated throughout the life of the capital works program. As Westport's large-scale capital works program is not due for completion until the late 2030s, Westport's workforce planning activities are focussing on the construction workforce requirements. It is expected that new roles, ways of working and other trends will emerge, meaning any planning done in Stage 3 of the Westport Program for the operation of the new port would be unlikely to suit future needs. Westport, along with other stakeholders, will consider operational roles well in advance of the container port moving into operations.	Complete	       
16 Collaborate across Government to develop strategies, training programs, and pathways to supply and retain the skilled workforce required in delivery and operations.	The Westport Workforce Strategy, informed by desktop research and engagement with stakeholders, has been completed. The Strategy aims to facilitate the development of a skilled, inclusive and job-ready workforce for the successful delivery of the Westport Program. The implementation of the Strategy will involve ongoing collaboration and consultation with key Government agencies to ensure regulatory compliance and to maximise employment opportunities and benefits for Westport. This will be ongoing through Stage 4.	Ongoing	       

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17 Undertake academic research with industry and training operators to develop suitable educational pathway programs that lead to employment.	Informed by labour resource requirement estimates (refer to ESG Action 15), research and engagement, the Westport Workforce Strategy identified potential workforce capability and capacity gaps. Further work is underway to assess how best to foster interest and improve the effectiveness of educational pathways leading to employment in Westport's capital works program. Westport is engaging universities and other education and training providers to design employment pathways specific to Westport's needs.	Underway	       
18 Undertake industry engagement across the full supply chain (all infrastructure components) to inform design and modelling, enabling iterative improvements to the design and sensitivity testing to encourage a commercially viable supply chain.	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. Industry groups and associations (including freight and logistics, energy, commerce and industry, shipping and ports sectors), government agencies, local governments, and environmental groups were engaged to inform Westport's preferred design for the new port facilities and supply chain design. Westport met with our Supply Chain Industry Reference group 8 times between February 2022 and December 2023. Westport spent more than 600 hours engaging with stakeholders to reach a preferred design.	Complete	       
19 Include safety in design elements associated with the terminal, road, and rail within the Concept Design to protect terminal operators, community, and other road users.	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. Design features, such as the removal of existing level crossings along the freight network, will help mitigate risks and improve road and rail safety. Safety was also a component of the MCA process and will continue to be a priority in the definition, delivery and operational stages.	Complete	    

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20 Identify opportunities for a net improvement in road safety for all major roads identified within the Westport supply chain road network.	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. Main Roads have identified a number of opportunities to improve road safety on all major roads for Westport that will be pursued in the definition phase, these include: - Grade separation of intersections - Provision of appropriate shoulders - Separation of vulnerable road users through shared path provision - Lighting - Verge and median road safety barriers - Intelligent Transport Systems	Complete	     
21 Identify opportunities for inclusion of automated transport within the Westport supply chain road network.	Opportunities to include automation within the Westport supply chain were identified during the innovation work undertaken in Stage 3 (refer to ESG Action 22). In Stage 4, these innovative opportunities are being further refined and assessed for feasibility, with a formal innovation management process developed to support the Westport Innovation Framework in design and definition. Westport will continue to engage with industry and government to identify and assess potential automation technologies and innovations, ensuring emerging innovations can be effectively integrated and interoperate within Westport's transport network.	Complete	 



Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
22 Deliver a research and innovation plan that prioritises innovation opportunities and funding for Stage 3.	The Westport Innovation Framework was completed in 2024. The Framework establishes a strategic foundation for innovation by identifying three initial priority areas: - Supply chain optimisation, - Productivity, sustainability, and alternative construction methods, and - Commercial and policy frameworks. The Framework outlines an approach for identifying new ideas and technologies to ensure Westport's planning and delivery are guided by global best practice, whilst also strengthening connections with innovators, suppliers, and contractors to support project outcomes. To support the implementation of the Framework, an Innovation Register was developed to capture and assess opportunities for innovation across the program.	Complete	 

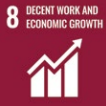
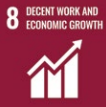
Update on Stage 3 Governance Actions

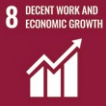
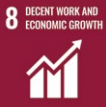
Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
23 Undertake holistic planning and design task across full supply chain (MCA).	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. An MCA process identified the preferred design for the port facilities and supply chain. To reach a preferred design, Westport engaged extensively with stakeholders from across the supply chain, including importers/exporters, freight forwarders and customs brokers, Commonwealth departments, rail operators, road transport operators, shipping lines and terminal operators.	Complete	   

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
24 Achieve an IS Planning Rating.	Work is ongoing with the Infrastructure Sustainability Council (ISC) to achieve a detailed IS Planning Rating for the Westport Program, comprising two Project ratings: Port Planning and Anketell Road West. Westport is submitting evidence progressively for assessment, and verification feedback received to date provides assurance that Westport is advancing in line with our desired IS Rating Pathway. The Detailed IS Planning Rating will continue into Stage 4 as the rating applies to definition work occurring in Stage 4.	Underway	     
25 Develop a resilience strategy and climate and natural hazard plan (including adaptation options or treatment plans for design).	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. Westport has delivered a Climate Adaptation Strategy and a Resilience Strategy. The Westport Climate Adaptation Strategy will guide Westport to withstand and recover from disruptions associated with climate change and natural hazards, and ensure the efficiency, scalability and resilience of the terminal and supply chain beyond 2070. To reach a preferred design, Westport considered climate change and sea level rise and responded to this through design of the quay elevation. The Westport Resilience Strategy Contemplates relevant shocks, stresses, interdependencies and vulnerable communities to identify and plan for treatment options that will promote resilient infrastructure and broader community resilience during Westport's full design life.	Complete	   

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
26 Produce a design considerate of growth in demand, Perth and sustainability requirements that ensures trade benefits to society are sustained to 2074.	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024 The supply chain design considered the latest advice on the growth patterns in Perth provided by the Department of Planning, Lands and Heritage, and the effect of trends on origins and destinations. Westport's design will accommodate anticipated container trade volumes through to 2074. This is at current technology with innovation expected to enhance capacity. Westport is planning for a P50 trade forecast, but able to scale to accommodate a P90 forecast. In Stage 4, Westport is considering how to ensure that the design is scalable and can accommodate additional volumes beyond what is currently anticipated. The design is adaptable, with the flexibility to adopt to new technologies, innovations and trends in ship sizes.	Complete	     
27 Establish an ESG Reference Group, Marine Mitigation Working Group and Terrestrial Mitigation Working Group to provide key advice and input into development of ESG actions.	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. Westport's ESG Reference Group, Marine Mitigation Working Group and Terrestrial Mitigation Working Group were established in early 2023. The ESG Reference Group concluded in the transitions from Westport Stage 3 to Stage 4. The Marine and Terrestrial Mitigation Working Groups have now concluded.	Complete	  

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
28 Engage with industry (including supply chain operators) to understand their long term ESG aspirations and long term ESG outcomes.	Completed item from Westport ESG Strategy Actions Report August 2023 – January 2024. Westport engaged with industry to discuss their ESG aspirations and considered their feedback in the development of Westport's preferred design. In Stage 3, Westport's design consultants conducted more than 120 face to face meetings, site tours and working groups between 2022 and April 2024. Stakeholder engagement reports and interactions have been recorded by Westport.	Complete	  
29 Actively monitor relevant Commonwealth and State Government frameworks to ensure alignment and interface management.	Westport continues to actively monitor relevant Commonwealth and State Government strategy and policy frameworks. Strategies developed for Westport, such as the Net Zero Strategy and the Workforce Strategy, align with and complement State and Commonwealth policies and frameworks. Consideration is being given to new or updated policies, including: - Australia's Circular Economy Framework (2024) - Department of Transport Sustainable Infrastructure Policy (2024) - Greenhouse Gas Emissions Policy for Major Projects (2024) - WA Industry Participation Strategy (2024) - WA Procurement Rules (Direction 2024/01) As Westport transitions from Stage 3 to Stage 4, existing commitments and regulatory settings are being reviewed to ensure continued alignment with current policy and industry expectations.	Ongoing	  

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
30 Appoint an independent peer review group of national and global specialists to review the Westport Business Case prior to independent verification.	Completed item from Westport ESG Strategy Actions Report February 2024 – July 2024 . Westport established a Specialist Advisory Group comprised of national and international, and independent specialists to review work undertaken by Westport, including the Business Case.	Complete	   
31 Submit the Business Case for independent assessment to Infrastructure Australia.	The Westport Business Case was provided to Infrastructure Western Australia (IWA) for formal assessment in August 2024, as per the requirements under the <i>Infrastructure Western Australia Act 2019</i>. IWA's advice to the WA Government was published in April 2025. Infrastructure Australia (IA) undertook a strategic review of the Westport Business Case in September 2024. Westport will continue to engage with IWA and IA to support future funding requests for Westport activities.	Complete	   
32 Report ESG performance publicly on a biannual basis.	This report is the 4th Westport ESG Strategy Actions Report, with the previous 3 reports available on the Westport website. January 2023 – July 2023 August 2023 – January 2024 February 2024 – July 2024 With the conclusion of Stage 3 and transition to Stage 4, this will be the final Stage 3 ESG report. However, Westport remains committed to transparency and will continue ESG reporting throughout Stage 4.	Complete	     

Action	Update	Status	Related UN Sustainable Development Goal(s) (SDG)
33 Report on Noongar Opportunities publicly on biannual basis.	Three Action Reports documenting the progress of the Westport Noongar Opportunities Strategy have been published. These are available on the Westport website: March 2023 - September 2023 October 2023 - March 2024 March 2024 - September 2024 Westport will continue to report on Noongar Opportunities Strategy actions throughout Stage 4.	Complete	 
34 Finalise the Stage 3 Benefits Management Plan and publish lessons learned.	Work continues to close out the Stage 3 Benefits Management Plan and identify lessons learned. Though the Stage 3 Benefits Management will be closing out, the benefits identified in the Plan will continue to be shared with Government agencies in Stage 4.	Underway	   





Further Information

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