



Westport Environmental, Social and Governance Strategy

**Actions Report 3:
February 2024 to July 2024**

About Westport

Westport is the State Government's planning program to move 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 during Stage 3. 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 third Westport ESG Actions Report, capturing our progress from February 2024 to July 2024 in relation to the [Westport ESG Action Plan](#) and 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](#).

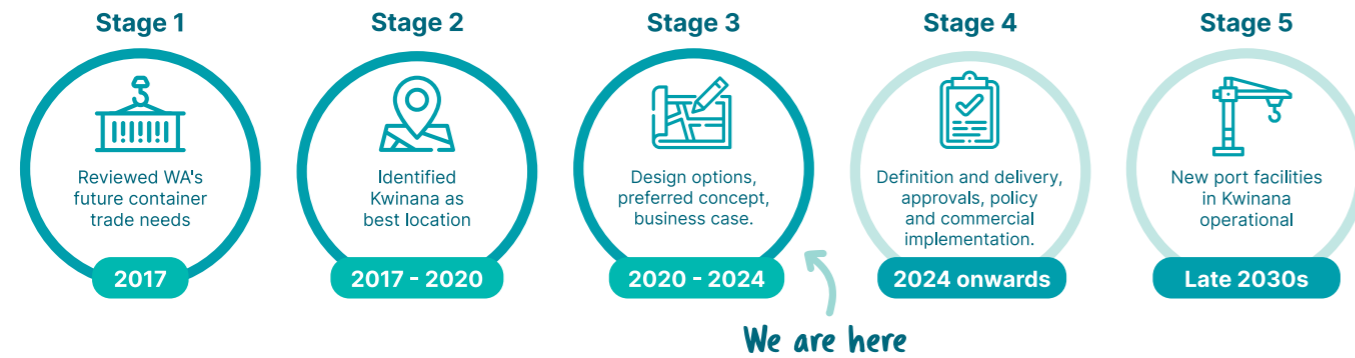
Our ESG approach

We are 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. The Westport ESG Strategy is guiding our approach to achieving Environmental, Social and Governance (ESG) objectives in Stage 3 (2020 – 2024).

In consultation with experts and thought leaders in sustainability, Westport has also developed an ESG Action Plan to help us achieve our ESG objectives across planning, delivery, transition, and operational stages.



Figure 1: Westport's timeline



Infrastructure Sustainability Council (ISC)

As a member of the Infrastructure Sustainability Council (ISC), Westport will seek 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.






ESG Pillars, Commitments and Objectives

In the Strategy, Westport commits to deliver positive long-term benefits for the natural and physical environment, create opportunities for social advancement, and make decisions which benefit Western Australians with strong, transparent governance and reporting.










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 | <ul style="list-style-type: none"> 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 rather 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. | <ul style="list-style-type: none"> 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. | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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. | | |

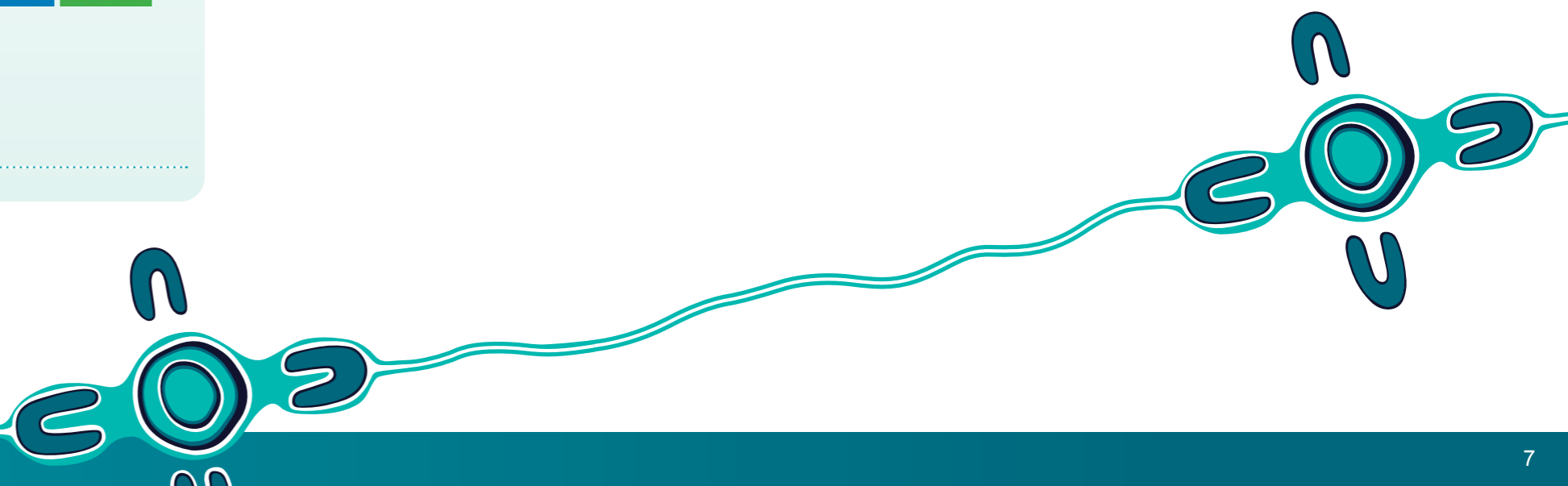
Update on Stage 3 Environment Actions



| 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. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024. | Complete |      |
| 2 Develop a net zero transition plan to design, catalyse and certify a net zero port and local container supply chain by 2050. | <p>Development of a Westport net zero strategy has progressed, with key focus areas and actions identified through carbon modelling and stakeholder engagement. The strategy aims to bridge the gap between Australian best practice infrastructure delivery and anticipated net zero expectations of the late 2030s and onwards to 2050.</p> <p>It includes an action plan detailing enabling actions such as research, engagement, and provisions to address potential barriers, as well as trials and pilots relating to new materials and technology.</p> <p>Stakeholder consultation helped inform a list of barriers identified as posing a risk to the implementation of Westport's net zero initiatives. Actions were developed based on the identified barriers.</p> | Underway |     |
| 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. | <p>Westport has built in the expectation of all port and intermodal terminal (IMT) handling equipment being ZEV.</p> <p>The net zero strategy (currently under development, refer to ESG Action 2) has highlighted user emissions (container trucks and trains) as a significant source of emissions for the proposed new port. Work is underway to consider how to best manage these emissions.</p> | Underway |     |

| Action | Update | Status | Related UN Sustainable Development Goal(s) (SDG) |
|--|---|----------|--|
| 4 Commission a study into international best practice recycled materials in road and rail construction. | <p>The innovation strategy (currently under development, refer to ESG Action 22) will leverage existing research and baseline global best practice for innovations and approaches.</p> <p>The resource efficiency strategy (currently under development, refer to ESG Action 5) will also investigate best practice recycled materials in road, rail and port construction for the 4 largest impact materials for Westport.</p> | Underway |      |
| 5 Implement actions for reuse and recovery of waste products for construction materials through a resource efficiency strategy. | <p>The Westport resource efficiency strategy will consider the resources required to design, build and operate an asset, and the resource outputs (waste) that result from these activities. Increasingly, resource efficiency is being driven by the application of circular economy principles.</p> <p>The strategy has progressed with the development of a resource efficiency action plan, detailing enabling actions such as training and awareness, measurement methodologies, collaboration and strategic procurement, as well as targeted investigations, trial and pilots relating to aggregate, asphalt, concrete and steel.</p> <p>Preliminary modelling of Westport's resource efficiency enabled the identification of the largest impact materials to inform the development of actions.</p> <p>Stakeholder consultation, research, multidisciplinary workshops and interagency briefings have helped to identify barriers and opportunities for resource efficiency, as well as test the appropriateness of proposed actions.</p> | Underway |      |


















| 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 Westport Environmental and Social Resilience Building Strategy is undergoing final review. This strategy will outline proposed initiatives to build long-term resilience for environmental and social values through the construction and operation of the port facilities and Anketell Road upgrades. | Underway |      |
| 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. | <p>Westport has invested \$13.5 million with WA Marine Science Institution (WAMSI) to deliver an extensive marine science research program to better understand the Cockburn Sound marine ecosystem. This program of work was undertaken earlier than usual in the infrastructure design process to ensure environmental objectives were considered from the outset.</p> <p>All published reports are being made available on WAMSI's website, following a rigorous peer review process. All reports are on-track to be finalised by the end of 2024 and published ahead of the EPA's Public Environmental Review.</p> <p>For further details on the status of the reports, please visit: WAMSI Project Status Westport</p> | Underway |   |
| 8 Apply 'Working with Nature' principles to embed environmental and social outcomes into infrastructure design and procurement of planning and design services. | 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 (refer to ESG Action Plan - Stage 4 Actions). | Complete |   |

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|--|--|----------|---|
| 9 Fund the development of a cumulative impact prediction tool for Cockburn Sound. | As reported in the Westport ESG Strategy Actions Report August 2023 – January 2024 , the Cockburn Sound Integrated Ecosystem Model is in its final stages of development with testing and refinement continuing. | Underway |   |
| 10 Co-fund and build a curated database for all environmental data and concluded studies - to be made available upon completion of the project. | As part of our partnership with WAMSI to deliver the WAMSI Westport Marine Science Program, researchers are developing a platform to store environmental data. As new data is made available, it will be uploaded to this platform. | Underway |     |
| 11 Undertake comprehensive site surveys to document and map existing terrestrial flora and fauna potentially impacted in the Anketell Road corridor and "last mile". | <p>To better understand any potential impacts, ecological site surveys will define the existing vegetation in Kwinana Industrial Area and along Anketell Road for Westport. Findings will guide opportunities to mitigate or offset these impacts.</p> <p>Ecological site surveys of the Anketell Road corridor commenced in 2021 and will continue to 2025. Ecological surveys of the Kwinana Industrial Area will be finalised in August 2024.</p> | Underway |     |


















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|---|---|----------|---|
| 12 Improve understanding of dredging impacts in advance (pre-approval stage) through marine site investigations. | <p>The next stage of Westport's geophysical surveys are scheduled to commence in October 2024 and are expected to be completed by December 2024. This work builds upon initial geophysical surveys completed in 2023. The information collected from the surveys will inform Westport's detailed design and planning activities, including dredge management planning.</p> <p>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.</p> | Underway |   |

Update on Stage 3 Social Actions





















| Action | Update | Status | Related UN Sustainable Development Goal(s) (SDG) |
|---|--|----------|---|
| 13 Develop a plan for social values management. | Completed item. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024 . | Complete |      |
| 14 Pursue all targets set out in the Noongar Opportunities Stage 3 Action Plan. | <p>Westport will continue to collaborate with the Noongar Advisory Group to deliver initiatives identified in the Strategy and Action Plan.</p> <p>17 out of 28 actions have been completed, 4 actions are on track and 6 will be transferred to Stage 4 and one action is not able to be completed.</p> <p>As part of these actions, Westport worked closely with the Transport Portfolio Aboriginal Engagement team to coordinate a cross-agency lessons learned workshop in July 2024. The objective of the workshop was to share learnings from Government projects and Aboriginal employment efforts.</p> | Underway |     |
| 15 Quantify the job creation potential and job profiles required for the successful delivery and operations of the Westport Program. | As part of the development process of the workforce strategy (currently under development) Westport will undertake work to determine early estimates of its forecast labour resources needed for its capital works program. This will enable Westport to identify and plan potential employment opportunities, including pathways for underrepresented groups, to realise the full benefits from Westport. | Underway |         |












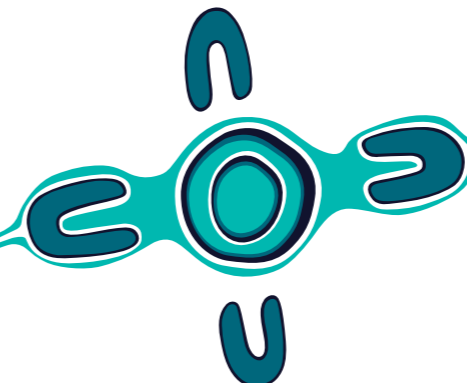
| Action | Update | Status | Related UN Sustainable Development Goal(s) (SDG) |
|--|--|----------|---|
| 16 Collaborate across Government to develop strategies, training programs, and pathways to supply and retain the skilled workforce required in delivery and operations. | The development of the comprehensive workforce strategy is being guided by targeted engagement with key stakeholders to maximise potential employment opportunities and benefits from Westport. | Underway |         |
| 17 Undertake academic research with industry and training operators to develop suitable educational pathway programs that lead to employment. | <p>An independent consultant reviewed the existing educational and tertiary pathways to identify gaps in the skills we will need to support Westport across maritime, engineering, supply chain and logistics disciplines.</p> <p>Westport will consider how best to address identified gaps to prepare a future workforce and investigate educational pathways to increase the participation of underrepresented groups in delivery and operations.</p> | 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. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024 . | Complete |         |

| Action | Update | Status | Related UN Sustainable Development Goal(s) (SDG) |
|---|---|----------|---|
| 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. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024 | Complete |      |
| 20 Identify opportunities for a net improvement in road safety for all major roads identified within the Westport supply chain road network. | Completed item. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024 . | Complete |       |
| 21 Identify opportunities for inclusion of automated transport within the Westport supply chain road network. | As part of Westport’s innovation strategy, Westport will continue to engage with industry and Government to assess potential automation technologies and innovations, ensuring emerging innovations can integrate and interoperate within the Westport transport network. For further information, refer to ESG Action 22. | Underway |   |
| 22 Deliver a research and innovation plan that prioritises innovation opportunities and funding for Stage 3. | <p>Westport’s innovation strategy is under development, and aims to identify innovative new technologies, materials, products and processes in design, construction and operations.</p> <p>As part of the strategy’s development, Westport has engaged with industry and government agencies who facilitate innovation, to identify innovation themes and explore barriers to adoption.</p> | Underway |   |





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. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024. | Complete |     |
| 24 Achieve an IS Planning Rating. | Westport's net zero strategy (ESG Action 2), resource efficiency strategy (ESG Action 5) and workforce strategy (ESG Actions 15 - 17) once complete, will contribute to IS Planning Rating credits. | Underway |       |
| 25 Develop a resilience strategy and climate and natural hazard plan (including adaptation options or treatment plans for design). | <p>The Westport Climate Adaptation Strategy has been finalised and was considered in the early design work of the port. Potential treatment options have been implemented or identified for investigation during future design stages, including:</p> <ul style="list-style-type: none"> Designing to allow for sea level rises Designing for worst case wave height and wind speeds Allowing for increased drainage infrastructure capacity Incorporating recycled water systems. | Complete |     |
| 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. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024. | Complete |       |

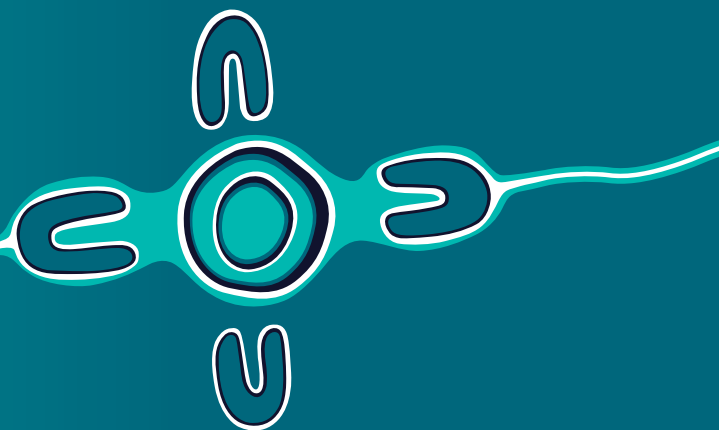
| Action | Update | Status | Related UN Sustainable Development Goal(s) (SDG) |
|--|--|----------|---|
| 27 Establish an ESG Reference Group, Marine Mitigation Working Group and Terrestrial Mitigation Working Group to provide key advice and input into development of ESG actions. | Completed item. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024. | Complete |    |
| 28 Engage with industry (including supply chain operators) to understand their long term ESG aspirations and long term ESG outcomes. | Completed item. For further information please refer to Westport ESG Strategy Actions Report August 2023 – January 2024. | Complete |    |
| 29 Actively monitor relevant Commonwealth and State Government frameworks to ensure alignment and interface management. | <p>Westport continues to actively monitor relevant Commonwealth and State Government frameworks to ensure alignment. This includes the consideration of new or emerging policies, for example:</p> <ul style="list-style-type: none"> The WA Climate Change Bill (2023) Embodied Carbon Measurement for Infrastructure for use by the Australian Government, States and Territories (2024) Infrastructure Australia Guide to assessing greenhouse gas emissions (2024) Environmentally Sustainable Procurement Policy and Reporting Framework (2024) WA Transport Portfolio Environmental, Social, and Governance (ESG) Framework | Underway |    |



| 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. | The Westport Specialist Advisory Group, which comprises of national and international independent specialists, has reviewed the Westport Business Case. | Underway |     |
| 31 | Submit the Business Case for independent assessment to Infrastructure Australia. | Infrastructure Australia will provide an assessment of the Westport Business Case. | Underway |     |
| 32 | Report ESG performance publicly on a biannual basis. | Two Westport ESG Strategy Action Reports are available on Westport's website : <ul style="list-style-type: none"> January 2023 – July 2023 August 2023 – January 2024 This is Westport's third biannual ESG Report for Stage 3. | Underway |       |
| 33 | Report on Noongar Opportunities publicly on biannual basis. | Two Westport Noongar Opportunities Strategy Action Reports are available on Westport's website : <ul style="list-style-type: none"> March 2023 – September 2023 October 2023 – March 2024 Drafting of the third biannual Noongar Opportunities Strategy Action Report is underway. | Underway |   |

| Action | Update | Status | Related UN Sustainable Development Goal(s) (SDG) | |
|--------|---|--|--|--|
| 34 | Finalise the Stage 3 Benefits Management Plan and publish lessons learned. | <p>Lessons learned activities are underway to understand what worked well and where there could have been improvements for Stage 3 of Westport. The lessons learned will be considered and incorporated in planning for the next Stage.</p> <p>Westport will continue to collaborate with other Government agencies to realise the benefits identified in Westport's Stage 3 Benefits Management Plan.</p> <p>The benefits will be useful across the broader public sector when developing and delivering large and complex infrastructure projects. Benefits range from technical, such as research for wider use, to strategic, such as skills development of public sector employees.</p> | Underway |     |





Further Information

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