



GOVERNMENT OF
WESTERN AUSTRALIA



Construction and Demolition (C&D) Rollout Plan

July 2022



Background - waste strategy 2030

The *Waste Avoidance and Resource Recovery Strategy 2030* (the waste strategy) aims for Western Australia to become a sustainable, low waste, circular economy in which human health and the environment are protected from the impacts of waste. The waste strategy contains objectives to **avoid** waste, **recover** more value and resources from waste, and **protect** the environment by managing waste responsibly.

The waste strategy identifies construction and demolition (C&D) waste as a focus material. The 2030 targets for C&D waste include:

- Avoid - reduce C&D waste generation per capita by 30 per cent
- Recover - increase C&D material recovery to 80 per cent

Annual Waste Strategy Action Plans identify and prioritise actions across State Government agencies which support the strategy. Headline Strategy 3 - *Implement sustainable government procurement practices that encourage greater use of recycled products and support local market development* – includes commitments which focus on the C&D sector.



C&D Rollout Plan

The Waste Authority's C&D Rollout Plan builds on commitments in the Waste Strategy Action Plans. The C&D Rollout Plan includes priority actions, informed by the Waste Authority's C&D Reference Group, which support the following objectives:

1. Develop markets for recycled C&D products
2. Support better practice contracting
3. Support better practice avoidance and recovery
4. Address priority materials
5. Reform legislation and regulation
6. Improve data.

Roles and responsibilities

The Waste Authority is the custodian of the C&D Rollout Plan. The Waste Authority will support the development of the rollout plan and the delivery of agreed projects. The rollout plan will inform funding priorities in the Waste Authority's annual business plans.

Consistent with the Waste Strategy's recognition that waste management is a shared responsibility, the C&D Rollout Plan will include priority projects led by others, including C&D Reference Group members. Members will also be invited to sit on project working groups as required.

Review

The C&D Rollout Plan will be reviewed annually on advice from the C&D Reference Group.



C&D Rollout Plan

Objective	Project	Description	Lead	Timing	WARR funding
1. Develop markets for recycled C&D products	<i>Local government road projects</i>				
	1.1 State Road Funds to Local Government Agreement: Update	Update <i>State Road Funds to Local Government Agreement</i> to include provisions to preference the use of recycled C&D products in local government road projects.	Main Roads WA	October 2022	Nil for 2022-23
	1.2 Design and construction guidance for local government roads	Develop design and construction guidelines to support the use of recycled C&D in local government roads. WALGA and IPWEA to lead, with technical input from Main Roads WA Material Engineering Branch.	IPWEA/WALGA (with support from Waste Authority and MRWA)	Q2, 2022-23	Funded under "Guidance for C&D recycling and contracting". A portion of the \$75,000 budget allocation will be used for this project.
	1.3 Funding incentives	Establish a funding program to incentivise the use of recycled Roads to Reuse materials in local government roads.	Waste Authority	August 2022	\$350,000
	<i>Roads to Reuse</i>				
	1.4 Deliver Roads to Reuse	Develop and deliver Roads to Reuse (RtR) to support better practice processing and supply accredited material to the market. Deliver the RtR Recycler Support Scheme (RSS) funding program to support recyclers with the costs of participating in RtR. Deliver independent audits of recyclers' processes and products. Encourage the procurement and use of recycled products in state and local government. Identify opportunities to expand the scope of the RtR specification to support other priority end uses (relates to Objective 4: Address Priority Materials).	Waste Authority	Ongoing	\$60,000 (RSS) \$40,000 (Auditing)
2. Support better practice contracting	<i>State Government procurement</i>				
	1.5 Implement sustainable government procurement practices that encourage greater use of recycled products	Work with Government members of the C&D Reference Group (and others as required) to increase the use of recycled products in State Government projects.	Waste Authority	Ongoing	Nil for 2022-23
3. Support better practice avoidance and recovery	2.1 Better practice contracting guidance	Identify opportunities for developing better practice contracting guidance for the sector (potentially including demolition, recycling, and supply/use of recycled products); develop better practice contracting guidance subject to confirmation of need and scope.	State: Waste Authority/MRWA/DoF Local: WALGA/IPWEA	Q2,2022 -23 consult C&D Ref. Group	Funded under "Guidance for C&D recycling and contracting". A portion of \$75,000 budget allocation will be used for this project.
	3.1 Better practice demolition and deconstruction guidance	Identify opportunities for developing better practice demolition and deconstruction guidance to avoid waste and increase recovery for small and large-scale demolitions (through activities such as source separation and waste management plans).	Waste Authority with assistance from relevant sectors	Q3, Jan 2023	Funded under "Guidance for C&D recycling and contracting". A proportion of the \$75,000 budget allocation may be used for projects 3.1 and 3.2
4. Address priority materials	3.2 Better practice demolition and source separation funding (Waste Sorted)	Deliver Waste Sorted funding round targeting better practice source separation in deconstruction.	Waste Authority	Q3, Mar 2023	
	4.1 Sand	Develop a specification for recycled sand based on the existing Roads to Reuse framework; provide funding to subsidise the initial testing phase for recycled sand produced under the specification.	Waste Authority with support from DWER	Q2, 2022-23	\$75,000
	4.2 Priority materials identification	Identify priority materials in the C&D stream which represent the greatest potential for avoidance, reuse, and recovery.	Waste Authority / DWER	Ongoing	Nil for 2022-23
5. Reform legislation and regulation	4.3 Priority materials support	Identify actions to address priority materials identified in Action 4.2.	Waste Authority / DWER and others as required.	Q2, 2022-23	Nil for 2022-23
	5.1 Legislative and regulatory reform	Support waste reform projects including: <ul style="list-style-type: none"> Closing the Loop: Waste reforms for a circular economy Review of the waste levy Waste not, want not – valuing waste as a resource: proposed legislative framework for waste-derived materials. Statutory review of the <i>Waste Avoidance and Resource Recovery Act 2007</i>. 	DWER	Ongoing	Nil for 2022-23
	5.2 Asbestos management	Update <i>Work Health and Safety Regulations 2022</i> for asbestos management. Update C&D Reference Group	WorkSafe/DMIRS	Q2, 2022-23	Nil for 2022-23
6. Improve data	6.1 C&D data improvements	Review C&D data as a part of broader action plan commitments, including actions 7.1 (Implement Waste Data Strategy), 7.2 (Support local governments, recyclers and landfill operators in required waste and recycling data reporting), and 7.3 (Improve waste data [includes online reporting system, data collection, reporting and analysis]). (<i>Further detail in the Waste Authority Data Strategy</i>).	Waste Authority	Ongoing	Nil for 2022-23

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