

Waste Strategy + Circular Economy

Management of waste is complex. It needs to focus on protecting public health, environmental protection and maximise resource efficiency.

Tonkin + Taylor's Waste Strategy + Circular Economy team brings together experienced professionals from across Australia and New Zealand.

A green dragon is depicted in a stylized, traditional Aboriginal art style. The dragon's body is covered in various patterns, including wavy lines and dots. It has a long, flowing tail and a head with large, expressive eyes. The dragon is positioned diagonally across the frame. In the background, there are several circular motifs with concentric circles and wavy lines, resembling sunbursts or traditional Aboriginal designs. The entire scene is set against a solid blue background.

Tonkin + Taylor acknowledges the First Nations peoples of Australia as Traditional Custodians of the land and waterways on which we work and live, and recognise their continuing connection to land, water, and culture.

We pay our respects to their Elders past and present, and extend that respect to all Aboriginal and Torres Strait Islander peoples.

About us

Tonkin + Taylor is a leading employee-owned environmental and engineering consultancy. With offices across Australia and New Zealand, we service these areas, the Pacific and SE Asia.

In Australia, our diverse team provide specialist services across a range of practice areas, including Coasts + Water, Geotechnical, Geosciences, Pavements and Waste. We are renowned among our diverse range of clients for delivering innovative, sustainable and resilient solutions.

Our reputation for professional excellence, strong collaboration and trusted partnerships is one we continue to be very proud of as we work with our clients and communities to embrace the challenges and opportunities around us as we strive to meet our purpose:

Together, we create and sustain a better world.

Our team are experienced, knowledgeable, and passionate about what they do. We look forward to being your partner of choice in finding sustainable solutions.



Our services

Our approach is based on understanding the waste sector at a practical level and a focus on real world solutions.

We have the skills, experience and commitment required to help policy makers, local authorities, and the waste industry make the right decisions to optimise their approach to managing waste and materials under their control.

We advise on national, regional and local level waste strategy and actions plans that align with evolving legislation and regulatory frameworks. We provide advanced waste treatment, collection systems and disposal options studies, data needs analysis, monitoring and reporting. We have access to some of Australia's leading minds in the waste and resource recovery sector whom we engage as sub-consultants on some of our more complex projects.

In collaboration with our clients, we co-design holistic solutions that are impactful as we design and implement strategies to eliminate waste or recover material at a higher value.

Comprehensive offering

- Feasibility and multi-criteria assessment
- Waste flow modelling
- Waste management and recycling system cost modelling
- Better Business Case framework for project development and assessment
- Organic waste collection and processing (organic waste processors, market studies)
- Workshop design and facilitation - Waste Strategy, Options Evaluation, Risk Assessment
- Concept level design of waste management services and infrastructure
- Stakeholder and community engagement for waste strategy, collection and infrastructure proposals
- Councillor/Governance level presentations and workshops
- Construction and demolition waste (residential and commercial buildings, market development, sorting systems/options)

We are a preferred supplier on the MAV Procurement Panel.



Track record

Circular Roadmap, Wannon Water

Material flow assessment of Wannon Water's organisational inputs and outputs informed the development of their Circular Economy Roadmap. This assessment, presented as a Sankey diagram, provided a baseline for developing and prioritising circular economy initiatives which are now being implemented.

National Solid and Hazardous Waste Policy and Strategy, Federated States of Micronesia

Developed the National Solid and Hazardous Waste Policy and Strategy for the Federated States of Micronesia, providing national direction and state-based implementation through objectives focused on waste elimination, reuse and recycling, environmental regeneration, socio-economic and cultural benefits, and clear accountability.

National Solid and Hazardous Waste Management Strategy, Niue

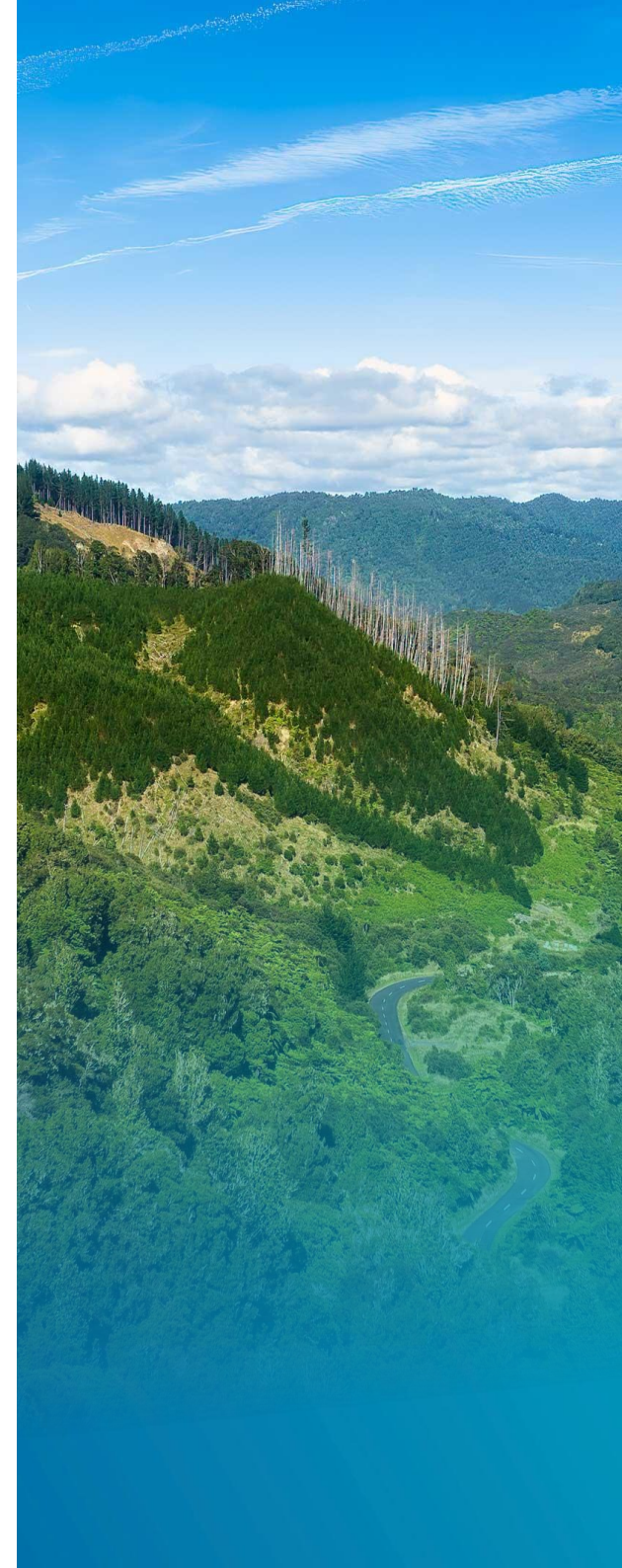
Delivered in-person consultation workshops that engaged government officials, community and business leaders, and NGOs to inform the development of the Niue National Solid and Hazardous Waste Management Strategy. The top themes of culture, cleanliness, responsibility were shaped into the purpose of the strategy, *"To empower all people in Niue to manage waste responsibly for the enhancement of the natural environment and with respect for the culture of island life"*.

Kerbside Food and Garden Organics Collection Service, City of Ballarat

Developed a detailed implementation plan to inform the rollout of their new kerbside food and garden organics collection service. A key part of this project was facilitating a risk assessment workshop with affected staff to identify rollout risks and mitigation measures. This was used to inform the development of the staged operations plan, procurement, community education campaign and roll out schedule.

Bespoke research and financial modelling, 22 Victorian Councils

Conducted bespoke research and financial modelling addressing challenges around kerbside glass recycling, including cost-benefit analysis, impacts of the Victorian CDS, glass recycling capacity, greenhouse gas emissions across recycling scenarios, and market forces affecting recycled glass demand - work that has since informed planning, implementation, and advocacy.



Contact us



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Over 20 years' experience in landfill engineering and environmental management and leadership.



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Over 17 years' cross-sector experience in waste and circular economy strategy, policy development, stakeholder engagement and facilitation.



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Over 9 years' experience in environmental and risk management, waste and circular economy strategy, resource recovery and stakeholder engagement.



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An Environmental Scientist with 15+ years' experience in waste, resource recovery, circular economy, and community education.



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Over 25 years' experience in waste management and resource recovery analysis, planning and strategy.



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Extensive government experience in waste reduction and climate change strategy, policy and legislation.