



Waste and Circular Economy Advisory Services

Waste management is complex. It needs to focus on safeguarding human health, protecting the environment, and maximising resource efficiency.

Tonkin + Taylor's Waste and Circular Economy Advisory team brings together experienced professionals from across Australia and New Zealand to provide expert guidance on effective waste management strategies and circular economy transition.

A stylized green dragon-like creature with a yellow sun and a yellow leaf is the background illustration. The dragon is coiled around the text, with its head facing left and its tail extending towards the bottom right. The sun is a yellow circle with a spiral center and wavy rays. The leaf is a simple yellow shape with a central vein. The entire illustration is rendered in a light yellow color against a dark 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 Group is comprised of five employee-owned environmental and engineering consultancies and testing businesses with offices across Australia and New Zealand.

Our multi-disciplinary team provides specialist services across the sectors of Waste and Resource Recovery, Renewable Energy, Industry, Land and Buildings, Transport, and Water.

Our knowledgeable people are renowned among their diverse range of clients for delivering workable, sustainable, and resilient solutions. They are passionate about what they do as they collectively strive to meet our purpose: **Together, we create and sustain a better world.**

Our Waste and Circular Economy Advisory team brings together experienced professionals from across Australia and New Zealand to provide expert guidance on effective waste management strategies and circular economy transition.

In addition, 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.

As we grow to understand our clients, we combine our knowledge with theirs, to create solutions that are practical and impactful.

Our experience

Preparation of tender specifications, Bass Coast Shire Council

Prepared tender specifications for the assessment of local and global residual waste processing technologies, and to plan for upgrades to Bass Coast's transfer stations into a circular network for improved resource recovery.

Policy development, City of Monash

Drafted policy documents to direct Council's waste services for multi-unit and non-residential properties, ensuring consistency with Victorian Government Household Waste and Recycling Service Standards.

Project Management, Gannawarra Shire Council

Project management services to facilitate the delivery of landfill capping project from design through to construction.

Gap analysis, Top 5 tech company

Compared Australian categorisation and legal frameworks relating to lithium-ion batteries with company's current management policy and processes; Provided recommendations for alignment.

Disaster waste management planning, Wollondilly Shire Council

Developed a Disaster Waste and Resource Recovery Plan to guide the safe and effective management of disaster waste, in alignment with internationally recognised frameworks and State-based legislation.

Options assessment, City of Ballarat

Prepared a feasibility study and costs and benefits analysis on potential waste and recycling collection service models for commercial, industrial, and non-residential properties within the municipality.

Strategy development, Pacific region

Prepared the conceptual framework (program logic) to inform the development of the Cleaner Pacific Regional Waste and Pollution Management Strategy 2036. Works included in-depth stakeholder engagement and data analysis.

Strategy evaluation, Pacific region

Evaluated the Cleaner Pacific Regional Waste and Pollution Management Strategy 2015-2025, including the development of a bespoke evaluation framework. Works included in-depth stakeholder engagement and data analysis.

Sector scanning, Confidential client

Prepared detailed PESTLE analysis in the context of rising landfill capital and operational costs, policy changes and waste export bans, fluctuating waste tonnages, and historic provisioning of funds.

Research and modelling, Whitehorse City Council

Analysis of recycled glass flows, current and projected recycling capacity, and market drivers in Victoria. Developed bespoke cost-benefit model to assess impact of separated glass recycling.

Implementation planning, City of Ballarat

Prepared a detailed implementation plan to support the roll out of municipal-wide food and garden organics service.

Data management, Wannon Water

Prepared material flow assessment of organisational inputs and outputs to inform development of a Circular Economy Roadmap and for providing a baseline for prioritising circular economy initiatives.

Stakeholder engagement, SPREP

Consulted government officials, community groups, business leaders, and NGOs to inform the development of the Niue National Solid and Hazardous Waste Management Strategy.

Participant quote, *"The workshop was planned and facilitated in a way that good data was gathered to represent the views of the group."*

Action planning, SPREP

Prepared the National Solid and Hazardous Waste Strategy of the Federated States of Micronesia including detailed action plan aligned to international and regional agreements and with clear areas of focus, KPIs, and defined roles and responsibilities.

Why choose T+T

Integrated strategic and technical expertise

T+T brings together waste management, circular economy strategy, and infrastructure advisory services to deliver solutions that are both technically sound and strategically aligned with organisational and community objectives.

Practical, implementable outcomes

Advice from T+T is grounded in real-world delivery. Recommendations are designed to be achievable, cost-effective, and scalable—moving beyond strategy into actions that can be implemented on the ground.

Deep understanding of policy, regulation, and market dynamics

T+T understands the complex and evolving waste policy, regulatory, and market environment. This enables clients to navigate compliance requirements, manage risk, and respond confidently to change.

Systems-based circular economy thinking

Rather than focusing solely on waste disposal, T+T applies a systems lens—considering materials, supply chains, infrastructure, behaviour, and markets—to unlock circular economy opportunities and long-term value.

Tailored solutions for diverse clients and contexts

T+T recognises that no two organisations or communities are the same. Advisory services are tailored to local conditions, organisational capacity, and stakeholder needs, ensuring relevance and impact.

Strong stakeholder and community engagement capability

T+T supports clients to work effectively with councils, government agencies, industry, and communities—building understanding, trust, and shared ownership of waste and circular economy initiatives.

Focus on resilience, sustainability, and future readiness

T+T helps clients design waste and resource systems that are resilient to disruption, adaptable to future policy and market shifts, and aligned with sustainability and climate objectives.

Independent, evidence-based advice

Clients can rely on T+T for objective, transparent advice that is informed by data, best practice, and rigorous analysis—supporting confident decision-making.



Contact us



Sze-Fei Peng

Principal Environmental Engineer

☎ +61 3 8770 0925

✉ speng@tonkintaylor.com

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



Donna Shiel

Senior Associate Environmental Consultant

☎ +61 3 8352 3151

✉ dshiel@tonkintaylor.com

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



Alex Keyte Beattie

Associate Environmental Consultant

☎ +61 3 8796 7950

✉ akeytebeattie@tonkintaylor.com

Over 10 years' experience in environmental and risk management, waste and circular economy strategy, and stakeholder engagement.



Kimberley Hope

Principal Waste + Resource Recovery Consultant (NZ)

☎ +64 4 460 4140

✉ khope@tonkintaylor.com

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



Chris Purchas

Principal Waste + Resource Recovery Consultant (NZ)

☎ +64 4 806 4935

✉ cpurchas@tonkintaylor.com

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