



Waste Advisory + 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 Advisory team understand that waste and resource management only becomes more complex with legislative change, community attitudes, limited landfill capacity and increasing population growth.

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 are passionate about supporting our clients in developing resilient waste and resource recovery systems that support Aotearoa New Zealand's transition to a sustainable circular economy.

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 (Compost NZ/WasteMINZ, 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)



Track record

Waste Minimisation and Management Plan, Various Councils

T+T supports clients through the full Waste Assessment and Waste Management and Minimisation Plan (WMMP) process, from project scoping to implementation ready outputs. We review existing data and obligations, engage key stakeholders to understand current practices and constraints, and quantify waste streams to identify issues and opportunities. We then develop a fit for purpose Waste Assessment and WMMP that sets clear objectives, prioritised actions, roles and responsibilities, and monitoring and reporting measures. These are aligned with client needs and current best-practice guidance and regulatory expectations, to support practical delivery.

Organics feasibility study and business case, various district councils

Preparation of a feasibility study and business case for the collection and processing of organic materials from households and businesses on behalf of councils. The feasibility study provides a high level review of the current situation with regards to organics material composition and quantity and its current use. It also explored the potential options for collection and processing to be further considered in the business case. A preliminary view of the associated costs and emissions was provided. The business case summarised a review of costs, benefits, and risks for each of the short-listed options identified using the Better Business Cases™ approach.

Resource Recovery Hub, Queenstown

The project is highly complex, highly visible and with a high level of public interest. There are very limited sites that

can accommodate an integrated solid waste management facility in the Wakatipu Basin due to the lack of large flat sites, sensitive landscapes and ecological environments, and the proximity of many sites to residential or sensitive land uses. Undertook pre-feasibility assessments of several QLDC owned sites that had potential to be utilised for the new RRH. This work was completed in early 2020 and led to a more comprehensive site selection, engagement, and consenting/designation process.

Circular Economy Road Map, Tuatahi First Fibre

T+T worked with Tuatahi First Fibre to develop an inaugural circular economy roadmap that define what circularity means for the organisation, build executive alignment, and identify priority opportunities to reduce waste and material use. T+T's approach included facilitated inception and follow-up workshops with leadership, supported by material mapping to surface practical circular economy initiatives and validate them with key stakeholders.

Cross Regional Waste Strategy and Infrastructure Plan, Waikato and Bay of Plenty regional and district councils

Developing a cross-regional waste management and minimisation strategy, with T+T engaged to deliver the Waste Strategy and an accompanying Infrastructure Plan to support a transition to a circular economy. The work includes data analysis and extensive engagement with councils, communities, industry and iwi to map waste networks and end markets, and to create a 30-year roadmap covering options assessment, governance, funding and procurement under the Better Business Case framework.



Contact us



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