



Blue Environment is a leading provider of environmental policy, planning and management advice to public and private sector organisations. We are focused on delivering high quality outcomes based on sound scientific principles and technical excellence.

We partner with clients to conserve resources, manage business objectives and plan for the future while navigating complex regulatory policies and processes.

Our reputation for strategic advisory services is built on more than 10 years' experience delivering resource efficiencies and cost savings.

We deliver sustainable outcomes through innovation

Waste management and resource recovery

Blue Environment's core speciality is strategic waste management and resource recovery services. Our staff are leading innovators and award-winners in the waste and recycling sector, and are recognised for having 'written the book' on best practice waste management in Australia.

We offer a high level of skill, knowledge and experience in:

- waste management policy and planning
- recycling, resource recovery, re-use and waste treatment
- energy-from-waste technology assessment and feasibility
- waste/recycling infrastructure master-planning
- organic waste recovery, collection and processing systems
- product stewardship and extended producer responsibility
- community consultation and stakeholder engagement
- financial analysis, economic modelling and triple bottom line assessment
- best practice development and benchmarking
- environmental auditing and analysis
- environmental impact assessment and management
- sustainability planning and implementation
- program reviews
- greenhouse impacts of waste and wastewater sector
- carbon pricing impact analysis and strategy development
- industrial ecology and materials efficiency
- industry research and development
- business and market development
- statutory environmental approvals
- expert witness support.



Experience

Blue Environment's expertise is best evidenced by the extensive range of projects we have completed, including;

- Best practice governance of asbestos waste**

We undertook a major project for the Asbestos Safety and Eradication Agency investigating best practice governance in managing asbestos waste. The project involved consulting with the states/territories, waste and asbestos sectors and others to develop guidance on the best way forward.
- Benalla landfill business case analysis**

We developed a detailed business case analysis for Benalla Rural City Council, to assess the possibility of operating the Benalla landfill as a regional facility. We developed detailed cost modelling to assess different options associated with waste receipt from other councils and the impact on landfill capital and operating costs.
- Microbeads market investigation**

We were commissioned by the Department of the Environment and Energy to investigate the market that generates microbeads, the small plastic beads that have been shown to partially escape wastewater treatment plants and pollute oceans. The study showed that up to hundreds of billions of microbeads were likely to be reaching the environment from Australia.
- Waste management strategies**

We have recently developed waste management strategies for a number of Australian municipalities, including councils such as Boroondara, Moorabool, Darebin and Swan Hill in Victoria. We have also developed a regional template for resource recovery and waste management strategies to be completed by member councils of the Barwon South West Waste and Resource Recovery Group.
- National waste reporting projects**

We have recently completed a number of benchmark national waste projects for the Department of the Environment and Energy. This includes the *National Waste Report*, *Hazardous Waste in Australia*, *Hazardous Waste Infrastructure Capacity and Needs Assessment*, Australia's report to the Basel Convention, and a national standard for hazardous waste data and reporting.
- Tenders and contracts**

On behalf of various Victorian and Tasmanian councils, we have prepared tender documentation for contracting out municipal waste and recycling services. Our services have included preparation of expressions of interest, tenders and contracts, as well as tender evaluation and interview of shortlisted candidates.
- Industrial waste review**

On behalf of the North East Waste and Resource Recovery Group, we have conducted research and site assessment to quantify flows of solid industrial waste in the region. The scope included projecting future growth, identifying the most significant sectors and materials, and surveying and interviewing local businesses about waste management practices and costs.