Mornington Peninsula Shire Wash Station Trailer Case Study





Project Overview

In response to growing concerns around single-use waste at community events, Mornington Peninsula Shire Council partnered with B-Alternative to design and launch a mobile wash station that could support the region's transition toward a circular economy. This initiative, funded and supported by Sustainability Victoria, was driven by a clear objective: to reduce reliance on disposable food packaging and embed reuse as a standard practice at local markets, festivals, and civic functions.

Leveraging its *Reuse Revolution* program, B-Alternative provided strategic consultation, reusable dishware, and operational infrastructure to co-create the **Wash Against Waste** trailer, a custom-built, community-first solution. In addition to equipment supply, B-Alternative delivered system templates and stakeholder training to ensure a smooth rollout and strong community uptake.

At the heart of this collaboration is a simple but powerful message: "The future is reusable." This project not only offers a practical waste solution but also serves as a model for how councils, government agencies, and social enterprises can cocreate scalable, low-waste systems that shift behaviour and inspire broader cultural change.

Operational Model

The Wash Against Waste (WAW) trailer is currently operated by B-Alternative under a 12-month agreement with Mornington Peninsula Shire Council. As a social enterprise, B-Alternative delivers end-to-end service management across event sites throughout the region, including:



Mobile Wash Infrastructure

Provision of durable, high-quality reusable plates, cups, and cutlery tailored to the needs of outdoor and community events.



System Design & Equipment Supply

Strategic on-site commercial-grade wash stations capable of processing up to 10,000 dishes daily.



Stakeholder Training & On-Site Support

Delivery of hands-on training for Shire staff, vendors, and event volunteers to ensure consistent hygiene standards.



Booking & Logistics Management

Implementation of the trailer's booking system and Standard Operating Procedures (SOPs) to support effective delivery across diverse community settings.

Wash Station Trailer Video



Click <u>here</u> to see video of the Mornington Peninsula Shire - Wash Against Waste (WAW) Trailer

Social enterprise impact model:

By enabling a social enterprise like B-Alternative to deliver essential waste reduction services, the project supports broader social and environmental outcomes.

Creating Employment Pathways Through service delivery and on-site training



Sustainable Development Goal Alignment:

SDG 12: Responsible Consumption and Production and SDG 13: Climate Action to support local and state-wide circular economy goals.

Meeting Community Need where market-led waste

where market-led waste reduction services are limited or inaccessible



Wash Station Trailer Key Outcomes



90.6kg

Waste Diverted from Landfill



1,341

Reusable Dishes Washed & Returned on Site.



2000

Patrons engaged



11

Food Vendors Serviced



"B-Alternative's support has been invaluable—practical, professional, and empowering our community to confidently transition to zero-waste events."

Jessica Cooper, Zero Waste Officer

Looking Ahead:

B-Alternative has been chosen as the ongoing operator of the wash trailer for the next 12 months. Supported by the Mornington Peninsula Shire Community Grants program, Peninsula based festivals and events can apply for funding to access the WAW reusable system at their event.

The WAW trailer stands as a proof-of-concept for practical, localised circular economy infrastructure. As the ongoing operator of the trailer, B-Alternative ensures effective system management, and long-term impact, reinforcing our role as a trusted delivery partner for scalable sustainability solutions.

Join the growing movement of communities transforming how events manage waste. The success of the WAW trailer proves that practical, scalable reuse systems are not only possible, they're already working.

Book The Trailer:

Visit our website to book the Wash Against Waste Trailer for your next event. Experience an enhanced dining experience and reduced landfill volumes.

Partner with B-Alternative

To bring a Wash Against Waste solution to your region—and make reuse the new normal.

Partner with us: enquiry@b-alternative.com | www.b-alternative.com



Be the Change | B-Alternative

B-Alternative is an Australian Social Enterprise revolutionising sustainability through four key services that drive positive environmental change and champion circularity. Our solutions empower businesses, events, and communities to embrace regeneration seamlessly.





Our Service Offerings



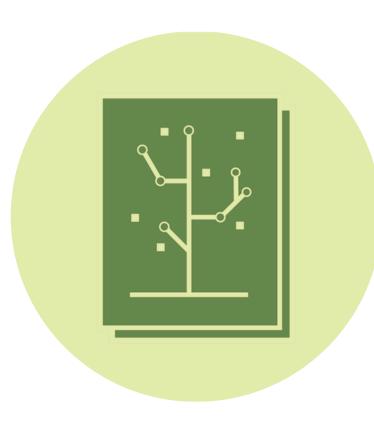
Reuse Revolution

Our flagship circular economy program provides mobile wash stations, dishware, and systems design to help communities transition away from disposables.



Regeneration Works

We run place-based programs that restore ecosystems, reduce waste, and foster community resilience through shell recycling, education, and habitat regeneration.



Environmental Consulting

We support councils, businesses, and organisations with waste audits, reuse strategies, and sustainability planning tailored to local needs and circular goals.



Festival & Events

We deliver zero-waste solutions for events, including reusable dishware systems, waste audits, and hands-on support to eliminate single-use packaging.

Bunurong Country

B-Alternative acknowledges Aboriginal & Torres Strait Islander people as the Traditional Custodians of the lands where we work, live and play. Colonisation has laid the groundwork for many environmental issues we see today, therefore we strive to recenter Indigenous perspectives and more reciprocal relationships to place.

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