

Maryvale Energy from Waste Project Update

May 2025

New Construction Contractor to develop design and costings

In April 2025, the Maryvale EfW consortium successfully negotiated a new Early Contractor Involvement (ECI) contract with BESIX Watpac and Kanadevia Inova. The ECI will undertake preliminary design for the full capacity 2 boiler line Maryvale EfW facility, that supports market engagement and cost estimation. The construction contractors will engage with a broad range of potential sub-contractors and are scheduled to provide updates progressively through to November 2025. From this point the Maryvale EfW consortium partners will undertake a final assessment on the commercial viability.



Nominal Capacity: **710,000 tpa**

Residual Waste: **Municipal Solid Waste “MSW” and Commercial and Industrial Waste “C&I”**

Energy Output: **2 x 124.6 MW_{thermal} (~70 MW_{electric})**

About BESIX Watpac:



With over a century of heritage in Australia, BESIX Watpac brings deep local knowledge, proven experience, and trusted industry relationships to every project.

Originating in Queensland, they’ve earned a reputation as a respected builder across Australia and New Zealand through the projects they undertake and the passionate people who build them.

They combine exceptional talent with leading digital technologies, in-house engineering, and the strength of global capability. Their diverse portfolio spans all sectors, with a focus on projects where they can create the greatest value.

Their ethos is ‘building the best together’, and collaboration is at the heart of everything they do. They work closely with their partners, local delivery teams, and communities to achieve the best outcomes—together.

Learn more at: <https://besixwatpac.com/about>

Latest project: [Woolworths Sydney Chilled and Fresh Distribution Centre](#) – the largest multi-storey, temperature-controlled distribution centre in the Southern Hemisphere.

About Kanadevia Inova:



Kanadevia Inova is a global greentech leader, pioneering innovative solutions for the energy transition and circular economy. Based in Zurich and employing more than 3,200 people in 17 countries, Kanadevia Inova specialises in Waste to X (WtX) and Renewable Gas (RG), delivering turnkey systems that transform waste into valuable resources through cutting-edge technology.

As part of Kanadevia Corporation, their Mission is to bring value to communities, contributing to a future free of wasted waste. They take an innovative approach at every stage - from project development, engineering and construction (EPC) to end-to-end support throughout a plant’s lifecycle. By integrating advanced technology and continuous research and development, they ensure each project is tailored to achieve optimal performance. With over 1,600 reference projects completed globally, their team delivers affordable, innovative, customer-centric solutions to both established leaders and partners in emerging markets.

Learn more at: <https://www.kanadevia-inova.com/>

Interested construction sub-contractors who have not already provided an expression of interest can make contact via MaryvaleECI@Besixwatpac.com

VAGO report on Victoria's waste targets



In April 2025 the Victorian Auditor-General's Office conducted an audit of three of the four recycling targets set in Victoria's circular economy policy *Recycling Victoria: A new economy*. This 10-year policy and action plan aims to reduce waste, increase recycling and transition Victoria to a circular economy.

The audit was conducted to see if the Department of Energy, Environment and Climate Action and other agencies responsible for implementing the plan are meeting those three targets.

The *Recycling Victoria: A new economy* targets:

1. **Divert 80% of waste from landfill**
2. Cut total waste generated per person by 15%
3. **Halve organic material going to landfill**
4. **100% of households have access to organic waste recycling services**

*Bold indicates targets audited.

Audit conclusions:

The Department and other audited agencies have made considerable progress to build Victoria's capacity to recover and reprocess waste. However, they are only on track to deliver one of the State Government's three recycling and waste diversion targets:

1. They are not on track to deliver the target to divert 80% of waste going to landfill by 2030. The proportion of waste going to landfill has not changed in the four years since the circular economy policy started.
3. It is also not clear if the State Government is on track to halve the amount of organic material that goes to landfill. Although data shows much organic material is recovered from landfill, the Department does not have accurate data to fully understand how much organic waste still goes to landfill.
4. The agencies are on track to deliver the target for every Victorian household to have access to a food organics and garden organics waste service by 2030. This progress has helped to increase household organic waste recovery.

The Department needs to collect better data about waste flows, especially the types of waste in landfill. This will help it accurately measure its progress towards the recycling and waste diversion targets and will make its projections of future waste flows more reliable. These projections signal Victoria's future waste and recycling needs to the waste and recycling industry.

Full Report: https://www.audit.vic.gov.au/sites/default/files/2025-04/20250403_Recycling-Resources-from-Waste.pdf

The Maryvale EfW project team continues to advocate for the development of an EfW industry in Victoria to help achieve superior circular economy outcomes:

1. More than 80% diversion from landfill (99% for the Maryvale EfW project)
2. Recovery of valuable metals for recycling
3. Processing of ash residues for use in the construction industry to replace virgin materials
4. Recovery of energy from residual waste in preference to landfill disposal.

As the leading Victorian EfW project, we see immense value in a robust industry with multiple well credentialed projects being established and collaborating on good policy, regulations and best practices.

If you are interested in learning more, please contact us at:

The Creating Energy from Waste Information Centre, 1 Monash Way, Morwell, opens every Tuesday 10am – 3pm
email: creatingenergy@opalan.com

Visit: <https://opalan.com/future/energy-from-waste/>