



MARYVALE Energy from Waste 2020 Update

The Maryvale Energy from Waste (EfW) project continues to move forward despite the impact of COVID-19. On 20 October we provided a public update on the project's progress and announced numerous exciting milestones:

- Masdar and Tribe have joined Opal Australian Paper and SUEZ as development and equity partners for the EfW facility. They bring global and local expertise in taking EfW projects through the development phase to financial close, construction and ultimately successful operations.
- ACCIONA has been selected as the construction partner exclusively in Victoria. This global organisation with strong local ties is the only company currently building EfW facilities in Australia. There are two EfW facilities under construction by ACCIONA in Australia:
 - Avertas Energy: Kwinana EfW <https://avertas.com.au/2020/12/11/site-progress-december-2020/>
 - East Rockingham Waste to Energy (WtE): <https://erwte.com.au/news/construction-begins-on-east-rockingham-wte/>
- SUEZ has committed 150,000 tonnes per annum of commercial and industrial waste to meet close to half of the facility's initial capacity.

The Opal media release is available at https://opalanz.com/app/uploads/2020/10/101920-Media-release_Maryvale-EfW-update_Final.pdf

The Maryvale EfW project has already established most of the building blocks required for the project go ahead, including securing a site, the energy off-taker, approvals and permits, signing a construction partner and partnering with a globally experienced EfW plant operator. We are now moving forward to source the remaining supply of waste feedstock to the facility.

A Memorandum of Understanding (MoU) with Citywide Service Solutions has recently been signed to explore participation in the project. The MoU means residual waste from Citywide's metropolitan Melbourne transfer site could be freighted directly by rail to the Maryvale EfW site. This unlocks the potential for inner Melbourne councils and businesses to make use of the existing Maryvale train that runs daily from Melbourne to Maryvale, reducing both the need for waste truck haulage in inner Melbourne and pressure on local roads and traffic. For more information, please see a media release on the Citywide website <https://www.citywide.com.au/detail/energy-from-waste-mou-to-fuel-growing-circular-economy>

During 2021, we'll seek to secure additional waste above the 150,000 tonnes already agreed, from councils and businesses in the Gippsland and Melbourne regions.

The facility will be constructed in a staged approach. Construction of Stage One is expected to commence in late 2021 delivering one processing line which will divert 325,000 tonnes of non-recyclable waste per annum from landfill. In the future, if there's sufficient council interest to use this modern EfW facility as their alternative solution to landfill, we will expand to a second processing line, which already has approvals in place.

We continue to encourage community engagement and the **Creating Energy from Waste Information Centre** is open on Tuesdays 10am to 3pm with a short closure over the Christmas period (21 December 2020 to 11 January 2021).

Construction of this facility is expected to draw around \$500 million investment into Victoria and generate 500 jobs on average over the three year construction period, supporting Victoria's COVID recovery and economic rebound.



If you're interested in how the EfW sector is progressing across the globe, here are some useful links:

- UK EfW statistics 2019: <https://www.tolvik.com/published-reports/view/uk-energy-from-waste-statistics-2019/>
- Report suggesting the UK support energy from waste: <https://www.recycling-magazine.com/2020/07/17/report-suggests-for-uk-to-go-for-energy-from-waste/>
- Latest Eurostat EfW figures 2018: <https://www.cewep.eu/municipal-waste-treatment-2018/>
- German forecast WtE plants to run at full capacity until 2040: <https://www.cewep.eu/german-wte-plants-2040-full/>
- Shenzhen East WtE plant (the world's largest at 5,000 tonnes per day): <https://www.shl.dk/shenzhen-east-waste-to-energy-plant/>
- Sharjah Waste-to-Energy Project in development by Masdar and first commercial Waste to Energy facility in Middle East: <https://masdar.ae/en/masdar-clean-energy/projects/sharjah-waste-to-energy-project>

With Victorians now out of the COVID lockdown, we wish you all a safe holiday season and a much brighter 2021.

Kind regards,

David Jettner