



Media release

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O.C.O Technology joins Maryvale Energy from Waste project to deliver 99% landfill diversion

In another step towards delivering the Maryvale Energy from Waste (EfW) facility, the project consortium is very pleased to announce that O.C.O Technology Ltd (O.C.O) has joined the project as a Collaboration Partner.

The signing of a Development Agreement reinforces the leading position and best practice credentials of the Maryvale EfW project. The partnership means that the EfW facility is targeting 99 per cent landfill diversion by reusing by-products that are produced during the EfW process, in line with the principles of the circular economy.

Under the agreement, O.C.O would construct the Maryvale Accelerated Carbonation Technology (ACT) facility to process flue gas treatment residues (FGTR) from the Maryvale EfW facility.

O.C.O treat the residues with carbon dioxide to create the world's first carbon negative aggregate named M-LS, which can then be used in the construction industry, helping to reduce the carbon footprint of the construction industry. This technology has been deployed in the UK by O.C.O for over a decade.

O.C.O treats over 180,000 tonnes of thermal residues per annum – currently over 35 per cent of the UK market share. With several global ventures rapidly developing, the business is keen to deploy its innovative technology in Australia.

Establishing the Maryvale ACT would bring internationally recognised product solutions that offer clear value to growing green markets in Australia. Specifically, the ACT facility would be co-located with the Maryvale EfW facility in Victoria's Latrobe Valley and process and recycle the FGTR into proven M-LS products for the Victorian construction sector. Ultimately this would increase the landfill diversion derived by the Maryvale EfW facility from 96 per cent to approximately 99 per cent, making both facilities a showcase for Australian recycling and clean energy projects.

Speaking on behalf of the consortium, Mr David Jettner, General Manager Opal Corporate Development & Strategic Projects, said that the Maryvale EfW project had achieved another notable first in Victoria.

"EfW facilities are a proven and reliable solution that derive valuable energy from non-recyclable residual waste", said Mr Jettner. "Consistent with our best practice approach, the processing and recycling of ash residues to achieve 99 per cent landfill diversion, derived by the Maryvale EfW facility, is now within reach for Victoria. We are delighted to bring O.C.O Technology's innovative world-class solution to Victoria."

Mr Steve Greig, O.C.O Technology Ltd Managing Director, said "O.C.O has been operating in the UK for over 10 years, and have diverted over 750,000 tonnes of waste from landfill, which has provided well over 2 million tonnes of carbon negative aggregate into the masonry and general construction market and permanently captured over 70,000 tonnes of carbon dioxide.

"We are proud and excited to be connected with the Maryvale Project and to help the EfW process to become almost landfill free. Our technology provides a process that permanently captures CO₂ in the manufacture of our product, making the M-LS truly carbon negative,

helping ensure that the facility fully fits into the circular economy, provides diversion from landfill and helps to de-carbonise Victoria's construction industry."

About the Maryvale Energy from Waste project

The state-of-the-art EfW facility will be constructed at Opal Australian Paper's Maryvale Mill in the Latrobe Valley. The EfW facility will use non-recyclable residual waste to produce steam and electricity to supply the Mill. It will feature world-class, leading technology that provides superior reliability, compliance to stringent emissions standards and the highest energy efficiency. The Maryvale EfW project has EPA and Latrobe City Council regulatory approvals for construction and has been granted \$48.2 million through the Federal Government's Modern Manufacturing Initiative.

Learn more:

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

Notes to editors

O.C.O Technology is a world leader in the permanent capture of CO₂. Built on more than 20 years of award-winning research, O.C.O's Accelerated Carbonation Technology (ACT) utilises carbon dioxide gas as a resource to treat and valorise a wide range of wastes, including Air Pollution Control residues (APCr). The ACT process transforms the waste material into an artificial aggregate – known as Manufactured LimeStone (M-LS). Because more CO₂ is permanently captured than is used in the manufacturing process, M-LS has been recognised as the world's first carbon negative aggregate. With a current turnover of some £25 million and UK operations in Suffolk, Leeds and Avonmouth, the company is broadening the use of its technology into other waste material markets worldwide, with a major concentration on the permanent capture of CO₂ and supporting organisations in their drive towards cutting carbon emissions. O.C.O is a member of the Carbon Capture & Storage Association. For more information on O.C.O Technology, please visit www.oco.co.uk

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