

TURNING LANDFILL INTO FUEL – CCAA MEMBER ADELAIDE BRIGHTON WINS MAJOR INNOVATION AWARD

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A ground-breaking program that turns waste normally destined for landfill into an alternative fuel has won Australian cement maker Adelaide Brighton Cement Ltd (ABCL) a major innovation award, confirming the industry's commitment to a sustainable future.

The company, which is a member of Cement Concrete and Aggregates Australia (CCA), has won the award for the application of refuse derived fuels (RDF), to produce energy, which is used to fire up its kiln.

As a result, natural gas consumption from the company's cement manufacturing process has been cut by about 1.2 million gigajoules a year, while an estimated 200,000 tonnes per annum of material previously seen as waste is being diverted from landfill.

Commenting on the project, Nick Miller, Chief Executive Officer of Adelaide Brighton Ltd, said that around 500,000 tonnes of greenhouse gas emissions have been avoided over 15 years.

Cement manufacture is energy intensive, and advanced processing technologies such as those used in this program are vital for the future. The program's innovation and sustainability credentials have been recognised by the South Australian Government, with ABCL named as the winner of the 2019 Premier's Innovation Award for Environmental Management in Energy and Mining.

Now in its eighth year, the awards showcase how leading-edge technology and best practice in energy and mining can improve South Australia's economic, environmental, health and social wellbeing.

The Chief Executive Officer of CCA, Ken Slattery, said the win by ABCL was further recognition of the industry's continuing commitment to sustainability and innovation.

"This is yet another outstanding example of our industry's commitment to reduce greenhouse gas emissions during the manufacturing process, while at the same time, helping to reduce landfill," Mr Slattery said.

"It means that waste material that would normally end up in landfill is being given a second lease of life as fuel, reducing emissions and reducing the need for new or enlarged waste facilities, which is great news for the wider community.

"On behalf of our industry, I congratulate ABCL on winning this important award. and I also thank the Premier of South Australia, Steven Marshall, for his Government's recognition of the work undertaken by our industry."

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