



PRESS RELEASE

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Tyre Processing Patent a Game-Changer for the Environment

The Entyr Ltd solution to one of the world's most pressing hazardous waste issues was granted an Australian patent for its low-emission thermal desorption reactor process.

The patent granted to Entyr Ltd is in addition to the first ever environmental approval for the thermal treatment of rubber in Australia, a USA patent granted for this process and a patent pending for Europe.

"This patent validates what we know is the environmental solution for end-of-life waste tyres. But in addition, it is a circular economy opportunity to create high-quality products for manufacturing," said CEO Mr David Wheeley.

"Our processes and technology are a result of 12 years of scientific research and development, and, for the benefit of the planet, we want to share these solutions with the rest of the world," said Mr Wheeley.

Entyr is recognised as an environmentally sustainable technology and circular economy company which, through tyre recycling, create products that replace virgin resources currently used in the creation of asphalt.

Quality products that are created from converting tyres through the Entyr's Thermal Desorption Units (TDUs) are: Entyr Carbon Black (eCB), Entyr Tyre Derived Fuel Oil (eTDFO), steel and gas (for energy creation).

"We are responding the considerable demand from asphalt companies seeking our products to improve their asphalt and reach their ESG targets.

At present we are processing more than 90,000 tyres per month and we have not yet reached full commercialisation," said Mr Wheeley.



To date Entyr has converted over 2 million tyres, preventing disposal in landfill. The products created have made a significant contribution to the decarbonisation of infrastructure through use in asphalt on roads throughout southeast Queensland.

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