



South Australia

IPWEA

INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA

MEDIA STATEMENT

Friday 13 June 2014

DOWNER EDI WORKS AWARDED FOR REDUCING CARBON FOOTPRINT

A new Wingfield facility capable of processing and recycling reclaimed asphalt pavement – the first of its kind outside Europe – has won a major sustainability award for engineering excellence.

Downer, a major organisation in the infrastructure and engineering sectors, won the sustainability category of the annual Institute of Public Works Engineering Australasia (IPWEA) Excellence Awards.

Downer's Business Development Manager, David Bendo, said the facility over its lifetime will save more than 50,000 tonnes of carbon dioxide by recycling reclaimed pavement material that would have, a few years ago, gone to landfill. This quantum step change will significantly assist Downer's clients work towards their respective sustainability targets.

"Incorporating the latest technology, the facility will significantly reduce energy consumption and greenhouse gas emissions and lower Downer's carbon footprint," said Mr Bendo.

The Wingfield facility can manufacture asphalt mixes that include up to 75 per cent of reclaimed asphalt pavement while maintaining quality. Existing Australian plants have limited recycling capacity with a small number having capacity to produce mixes up to 50 per cent.

The facility incorporates the recycling, processing and testing of the reclaimed material all on the same site.

IPWEA SA President Andrew Craig said the annual IPWEA Excellence Awards recognise talent at the peak of the engineering industry. "IPWEA encourages excellence in engineering and recognises the best engineering practice in South Australia, which, in this instance, is at Downer EDI Works," said Mr Craig.

IPWEA is the professional association for engineers who deliver public works, engineering services and contracts, such as roads, bridges, public buildings, flood management and waste management to communities throughout Australia and New Zealand.

Other winners of IPWEA SA Excellence Awards 2014 are:

- Asset Management Projects: Campbelltown City Council
- Excellence in Road Safety: City of Salisbury
- Public Works Professional: Rod Ellis, Principal Engineer of Tonkin Consulting & Program Manager of Regional Local Government
- Emerging Leader: Megan Bonehill of Mount Barker District Council & Simon Keith of Light Regional Council

- Design and/or Construction of a Public Works Project - Water: FMG Engineering & City of Marion
- Design and/or Construction of a Public Works Project – Civil: Peter Tan & Bill Zissopoulos
Department of Planning, Transport and Infrastructure

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