

## Circular Economy at Inland Rail





## Reduce, repurpose and reuse

Inland Rail prioritises circular economy principles as a tool to embed sustainability across the project by:

- reducing the introduction of virgin materials throughout construction of the alignment;
- salvaging, repurposing and reusing materials from the existing rail corridor on the new alignment; and
- mitigating waste through new design processes.



Using the IS Council Material Calculator to minimise virgin material and drive sustainable or recycled options



Our range of sustainable corporate wear is created using recycled polyester and cotton

119 businesses completed the Inland Rail Sustainability Webinars in FY22



Waste levels monitored to inform waste diversion and reuse opportunities

297,000m<sup>3</sup> of blended ballast and ash has been reincorporated to formation works on the Parkes to Narromine project, reducing hauling emissions



What is underpinning these outcomes?

Minimum of 10% materials contain recycled content or have low embodied impact



Construction material use reduced by 15% across the program

Timber sleepers repurposed through mulching for project landscaping



Construction waste diverted from landfill aiming for 80-100% by volume of spoil, 50-90% by volume of inert and non-hazardous waste, and 40-60% by volume of office waste











22,625t of pre-cast carbon neutral culverts installed reducing 7,250t CO<sub>2</sub>-е on the Parkes to Narromine

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