

Additional Information – Procurement Opportunities

The Government can support a circular economy and product stewardship for tyres throughout their lifecycle through effective procurement practices. This includes:

- Procuring tyres that contribute to Tyre Stewardship Australia (TSA) and align with the already existing Australian Design Rules (ADR) for tyres.
- Enforcing fleet tyre procurement for tyres which can be retreaded rather than single use, this is applicable for truck and bus fleets.
- Ensuring that tyres are being fitted and serviced by accredited TSA retailers, to further support stewardship and ensure the government's end-of-life tyres are going to environmentally sound outcomes.
- Infrastructure procurement policies which support and mandates the use of tyre-derived products in projects such as mandating the use of crumb rubber in roads and transportation industry (see a list of different potential materials which can be derived from end of life tyres).
- Specifying a 'recycled first' approach (following the lead of Victoria's Recycled First Policy⁴) for infrastructure projects and supporting small and medium enterprises to service this market.

A list of potential procurement opportunities to support tyre stewardship and circularity

Construction and Infrastructure

- Blast resistant concrete
- Housing construction
- Noise dampening walls
- Particleboard
- Permeable pavement
- Concrete products (pavements or prefabricated panels or road barriers)
- Flooring and Surfacing - Carpet underlay and gym flooring
- Warehouse flooring and outdoor areas from conveyor belt sections
- Footpaths, tree protection zones, car parks, driveways made from crumb rubber permeable pavement
- Molded products (posts, bollards, roofing tiles) made from crumb rubber

Road and Transportation

- Matting or ramps made from crumb rubber (e.g., railway rubber coping and tactile mats)
- Retaining walls, road base reinforcement, embankments fill, and slope stabilisation made from whole tyres or granules
- Rail sub-base to reduce vibrations or panels for acoustic or thermal insulation made from crumb rubber
- Road surfacing - crumb rubber modified bitumen (for spray sealing and asphalt)
- Road safety barriers
- Road speed reducers made entirely from crumb rubber
- Train platforms

Read more on Tyre Stewardship Australia's [Sourcing Recycled Tyre Products](#) webpage.