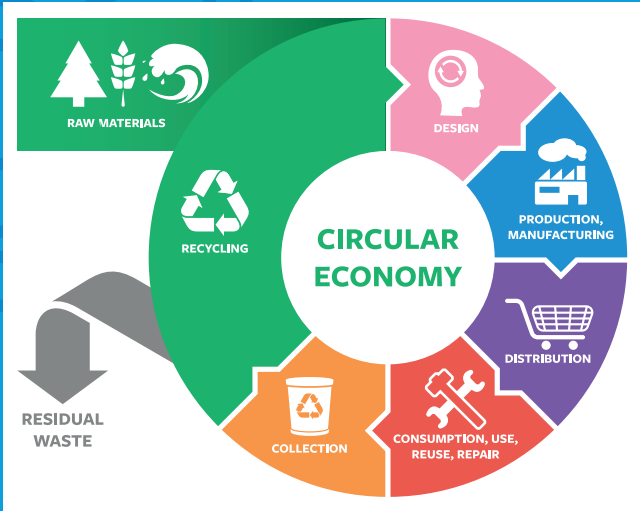


THE LIFE OF WASTE TYRES FACT SHEET



In a linear economy, we took resources, made things, and then threw them away. In a circular economy, however, we try to use resources in a way that does not harm the environment. The circular economy aims to use waste as a resource and promotes the sustainable use of natural resources, through smarter product design, longer use and recycling.

Used Tyres become a useful resource for the circular economy. The rubber, synthetic fibres, and steel which make up tyres, remain valuable once separated, when the tyres have been discarded. In Ireland over 4 million waste tyres every year are recycled in an environmentally sound manner by Circol ELT Members. To learn more, watch our video.

What Happens to Waste Tyres

The tyres are shredded into their component parts - Steel, fibre and rubber. These can then be incorporated into many uses. The steel is recycled. The fibre is used as a raw material for equestrian sports surfaces. The rubber is graded into granulate of various sizes where it becomes a valuable product for eco-friendly products and applications.

What Can Granulate from Waste Tyres Be Used For

- Fossil fuel replacement to fuel cement factories
- Tyre modified asphalt in the construction of roads and cycleways
- Playground surfaces
- Running tracks
- Rubber matting in farm cow sheds and equine yards
- Rubber matting in the yards of horse stables and for road crossings
- Moulded products including
 - Road Safety bollards
 - Car parking areas
 - Ramps
 - Kerbs for landscaping
 - Sports exercise equipment