



INTRODUCTION

SACC Sustainability Committee

Members of the SACC Sustainability Committee



SACC Sustainability Committee



BACKGROUND WHY THE COMMITTEE WAS FORMED

Swedish companies are in the forefront and committed to the Sustainable Development Agenda. SACC decided to create a platform for a Sustainability Committee, a forum bringing together Swedish companies that are committed to sustainable development through actions and contributions.

VISION

SACC Sustainability Committee -
Taking a leadership role in advancing
sustainability actions in Australia

FOCUS

1. Share knowledge and put in context advancement of sustainability initiatives in Australia according to company sustainability strategies and the SDG's benchmark.
2. Proactively drive the agenda through engagement in the chamber amongst other Swedish companies and industry collaboration.
3. Collective strength and voice to government on opportunities of interest and engagement on local/national activities.

Member Company Sustainability Drivers

Areas of Focus

- Zero Emissions by 2050
- Energy efficiency
- Circular economy
- Clean energy
- Sustainable food
- Waste Management
- Reducing Carbon Footprint

Challenges

- Transforming to a circular economy and to ensure circularity
- Declare commitment to respect human rights
- Promote diversity, inclusion and gender equality
- Government support in all areas of sustainability
- Operate at the highest levels of transparency and corporate governance
- Combining global and local strategy and execution
- Business leaders taking accountability



Together we want to inspire and accelerate sustainability actions across corporate Australia



PRESENTING EXAMPLES OF

Circular Economy Initiatives and Challenges

Circular Economy Initiatives

We recognise that adopting circular business approaches and implementing efficient processes to develop and produce our medicines are key to reducing natural resources used in our value chains and implementing our broader Sustainability Strategy at AstraZeneca.

1. Seek to minimise the amount of materials required and waste generated in production and business operations

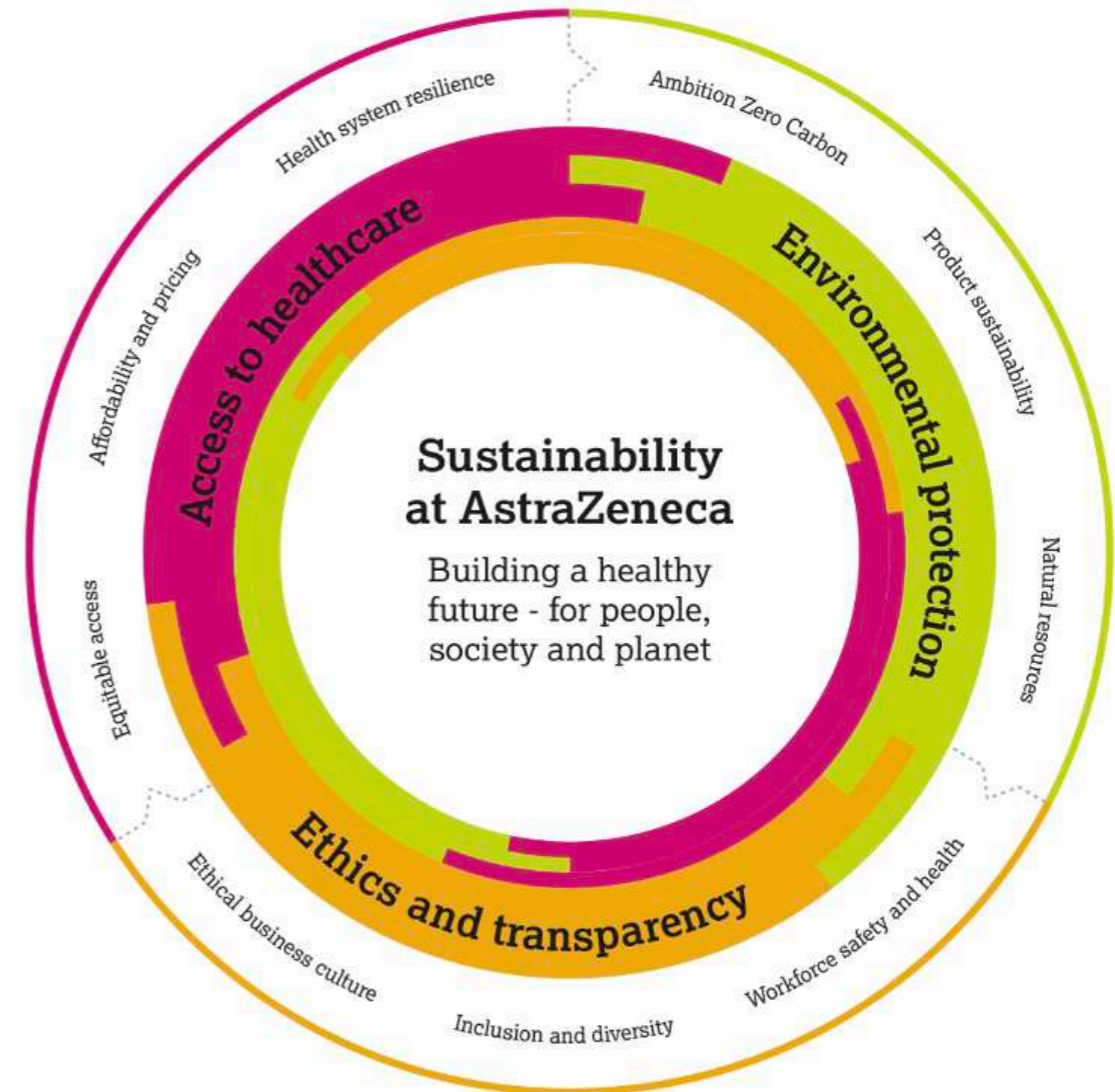
Key aims include to decouple water use and waste generation from business growth, supported by efficiency projects, partnership, and engagement with suppliers, and designing out waste and pollution in support of water security and minimised environmental impact where we operate.

In our local manufacturing facility in Sydney we have reduced our water use in our operations by 65% (2022 relative to baseline), by reducing and recycling water where possible.

2. Maximise waste recycled

We are driving improvements in circularity through increased recycling and the external re-use or repurposing of waste materials. In our manufacturing plant all our PE granulate waste is sent to a third party for reuse. This has saved 2821 tonnes of plastic from going to landfill.

3. Where possible, regenerate nature and use renewable natural resources instead of non-renewable ones



In 2023, we announced an expansion of our AZ Forest programme, raising our commitment to plant and ensure the long-term survival of 200 million trees by 2030. This includes new or expanded projects in Brazil, India, Vietnam, Ghana, Rwanda and Kenya that will contribute to our climate action, restore nature, promote biodiversity and build ecological and community resilience, spanning over 100,000 hectares worldwide and delivering deliver benefits to local communities, positively impacting an estimated 80,000 livelihoods. In Australia we are planting 25 million trees with over 5.6 million trees already planted.

Circular Economy Roadblocks/Challenges

1. Necessity for partnerships and engagement with suppliers and across the healthcare sector

To develop an effective response measures, we need to increase a shared understanding with our suppliers, investing time to help align with our expectations across our supply chain.

2. Technology and People change

Change is challenging from a technological and people change perspective. New more efficient technologies can be limited in supply and the expertise to install and operate.

More generally the willingness and understanding to imagine and adopt change is challenging due to speed and scope of change required.

3. Regulatory challenges

Pharmaceutical products have a long development cycle, which makes it critical to design in and embed climate considerations at an early stage.



Our circular economy approach



[Click here for more information on AstraZeneca and sustainability initiatives](#)

Contact



Philip Spiers
AstraZeneca

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Alfa Laval is global industrial engineering and technology leader active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries.

Alfa Laval has led the way in the development of new solutions to advance the circular economy thanks to unique understanding of separation and thermal technologies. Today we can improve resource efficiency and the reduction, reuse, and recycling of waste to optimize production processes for a more reliable and sustainable performance.



Circular Economy Initiatives

1. Water reuse

Our highly efficient separation and water management solutions can help you reduce, reuse and recycle waste in all new ways.

2. Mining tailings

Alfa Laval's solid bowl centrifuges are suitable for mining duties, from exploration to mine tailings dewatering. They enable water reuse while allowing dry disposal of tailings solids.

3. Energy efficiency

Securing optimal efficiency for innovative solar energy storage. Alfa Laval provides heat exchangers for advanced renewable energy generation and long duration energy storage.

[Click here for more information on Alfa Laval and sustainability initiatives](#)

Circular Economy Roadblocks/Challenges

1. Lack of legislation for water reuse

Having legislation in place for water reuse – today it is very cost driven to install water reuse technologies.

2. Lack of awareness

Lack of awareness of how much waste heat can be reused which saves energy and costs.



Contact

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Arjo is a leading global leader specialising in hospital and aged care outcome-based programs and medical devices. Our products and solutions are designed to promote a safe and dignified experience through patient & resident handling, prevention of pressure injuries, DVT prevention, wellness & hygiene, disinfection, diagnostics, and medical beds. We are committed to driving healthier outcomes for people facing mobility challenges. Our work is based on genuine care for human health and well-being and contributing to a sustainable healthcare system.

Circular Economy Initiatives

1. **Greenhouse gas emissions - 100% fossil-free electricity**
 - ▶ Lower emissions from the fleet of vehicles
 - ▶ Transition of renewable energy at ARJO production sites

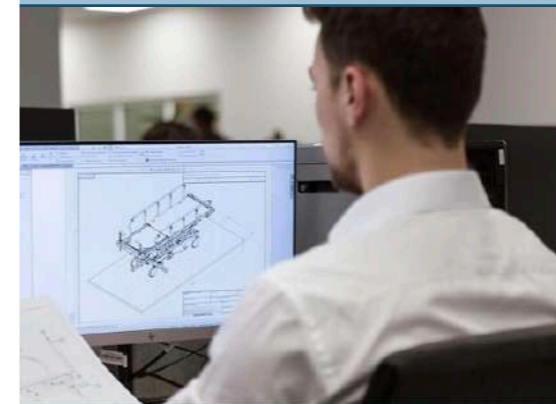
2. **Eco-design and rental - Circularity in product design sites**
 - ▶ Design based on low energy consumption and efficient use of materials.
 - ▶ Increased circularity through rental to used products over time by several care units.

3. **Reprocessing single - 165 tons less of CO2 emissions**
 - ▶ Medical consumables are reused in healthcare thanks to Arjo ReNu, a water-based process reducing emissions and waste in healthcare.



Greenhouse gas emissions

2030 Target	2023 Update
-50%	-11%



Eco-design and rental

Long-life product cycles	Optimised product use
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Reprocessing single-use medical devices

3,400,000 Globally reused	19,000 AU reprocessed
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[Click here for more information on Arjo and sustainability initiatives](#)

Contact



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At IKEA our main priorities are to drastically reducing greenhouse gas emissions across the IKEA value chain and move toward the use of only renewable or recycled materials by 2030. We also want to inspire and enable the many people to live a better everyday life within the boundaries of the planet. This is a huge change that impacts every aspect of what we do, from how we meet customers to which products and services we develop. It will affect our complete IKEA value chain and the sourcing of energy and materials.

Circular Economy Initiatives

1. **Renewable Energy & Efficiency Transition**
2. **Circular Economy and Waste Management**
3. **Zero Emission Transport**

Circular Economy Roadblocks/Challenges

1. **Regulatory Changes and Uncertainty**
2. **Industry Infrastructure and readiness**
3. **Integration of Sustainability across the Organisation**

[Click here for more information on IKEA and sustainability initiatives](#)



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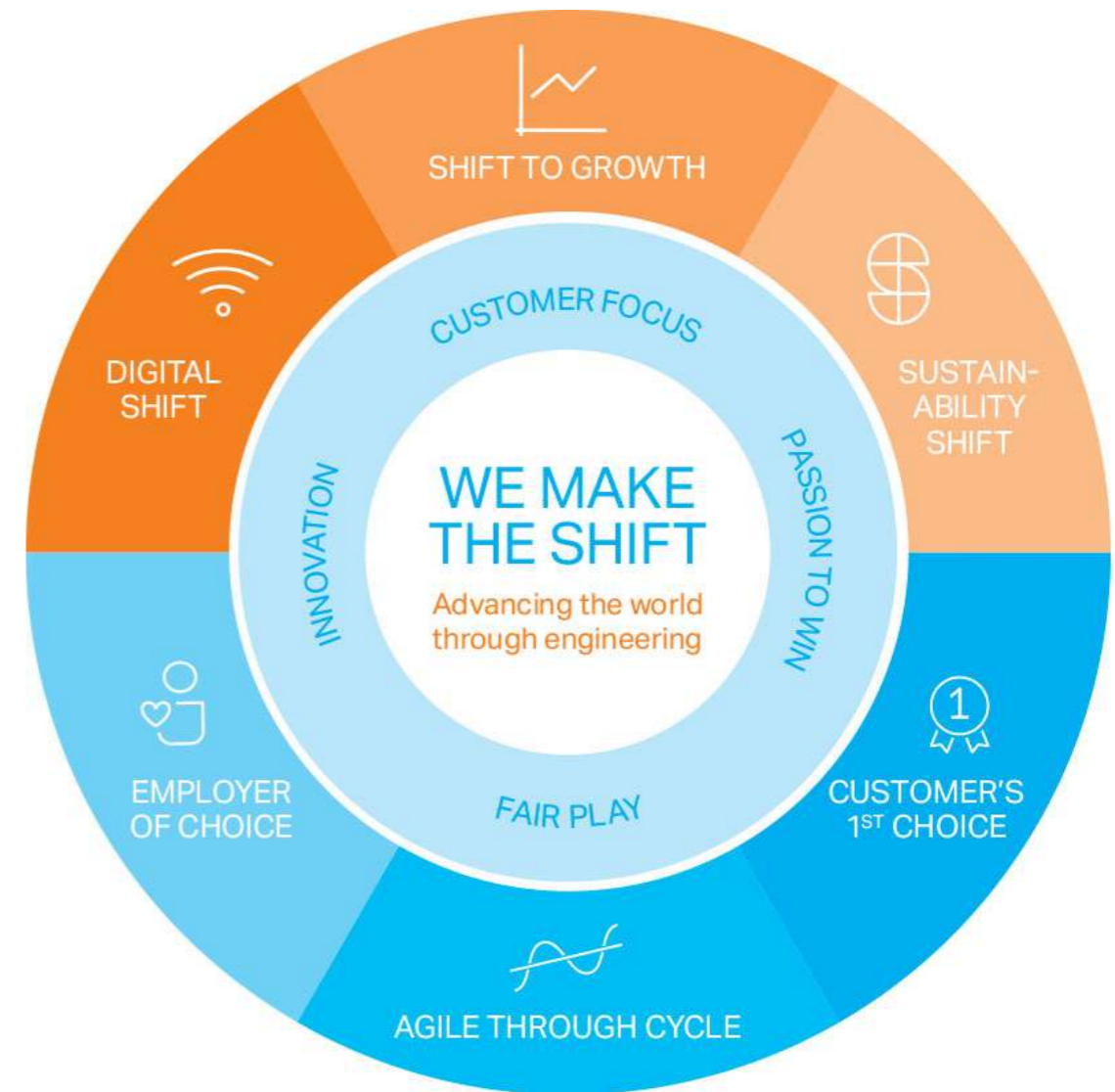
Peter Richmond
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Sandvik is a global, high-tech engineering group providing solutions that enhance productivity, profitability and sustainability for the manufacturing, mining and infrastructure industries.

Circular Economy Initiatives

- 1. Circular product design**
We design our products for refurbishment, remanufacturing or recycling. The objective is to maintain materials and products at their highest value in use for as long as possible.
- 2. Circular value chains**
By minimizing waste and finding new ways to capture sustainable materials and products within closed loops, we can reduce carbon emissions and bring environmental benefits for land and water. Our goal is to have at least 90% materials circularity for packaging, products and waste by 2030 and we expect the same of our key suppliers.
- 3. Eliminate waste to landfill**
We work with procurement to identify alternatives to landfill. We are rethinking packaging, looking at whether a product needs packaging and, if so, what is the most environmentally efficient option. This includes introducing AI-driven smart packaging.



[Click here for more information on Sandvik and sustainability initiatives](#)

Circular Economy Roadblocks/ Challenges

- 1. Data quality**
Data quality across 50+ sites where data will need to be collected for reporting.
- 2. Production hurdles**
Optimizing production/working with existing mine infrastructure, both for circularity & decarbonisation.
- 3. Lack of waste options**
Limited waste options/tyranny of distance in remote mine locations



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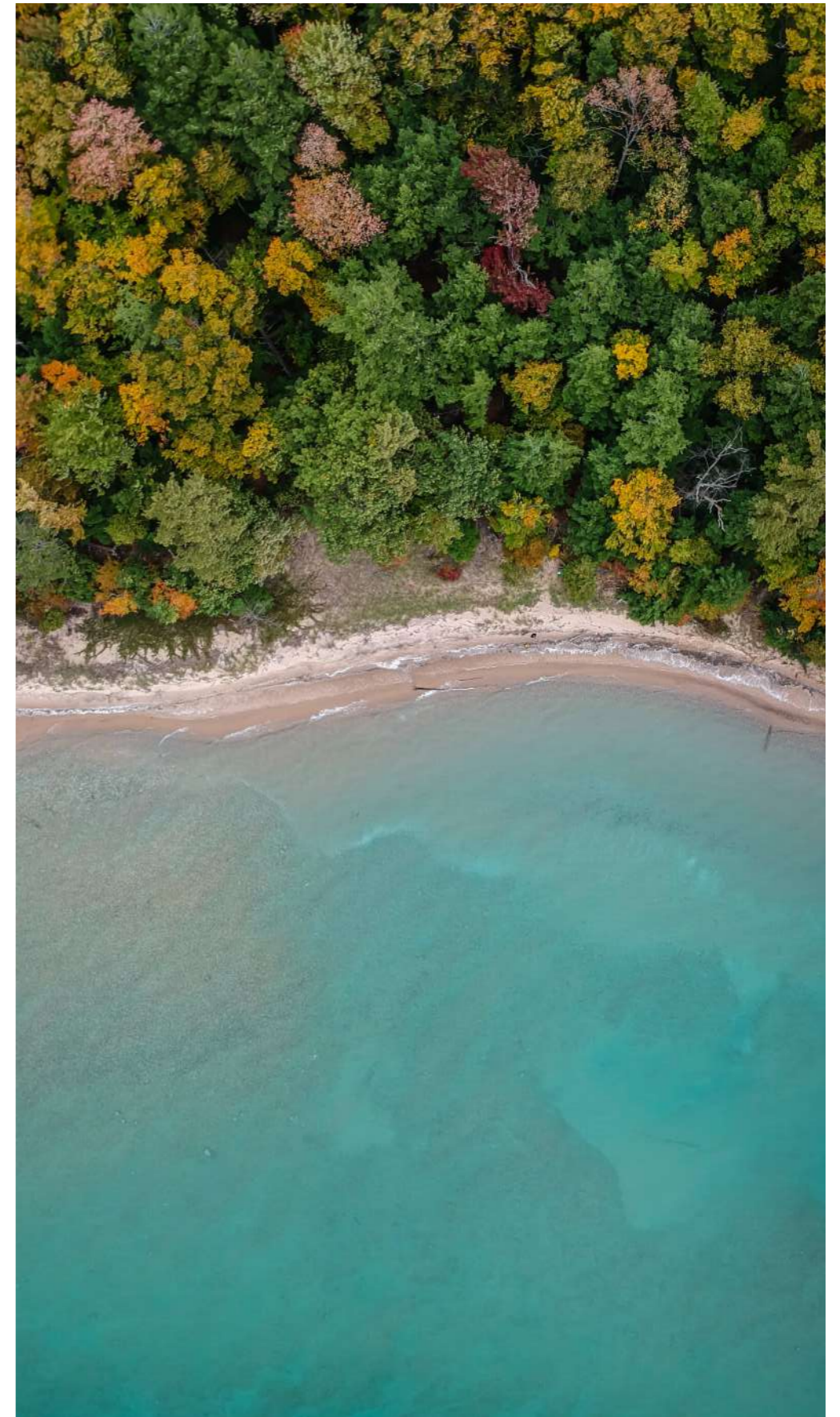
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Tetra Pak is a world leading food processing and packaging solutions company. Working closely with their customers and suppliers, they provide safe, innovative and environmentally sound products.

Circular Economy Initiatives

- 1. Recycled beverage cartons**
Ensuring circularity by expanding collection and recycling of beverage cartons to keep materials in use and out of landfills.
- 2. Innovative technologies**
Using new ways of working and innovative technologies to reduce environmental impact, water consumption, energy consumption, product losses and carbon footprint.
- 3. Net zero greenhouse gas emissions**
Tetra Pak is working towards reach net zero greenhouse gas (GHG) emissions across our operations and the entire food value chain.

[Click here for a comprehensive picture of how Tetra Pak is collaborating across the globe to contribute to the sustainable development of our industry.](#)



Circular Economy Roadblocks/ Challenges

- 1. Limited recognition**
Limited recognition of packaging life cycle and long-term benefits.
- 2. Lack of measurement**
Lack of measurement on food loss and waste across the food supply chain to enable for legally binding national food loss and waste prevention targets.
- 3. Lack of understanding**
Lack of understanding on how the shift in food systems can help address climate ambitions.



Contact



Flavia Vaz

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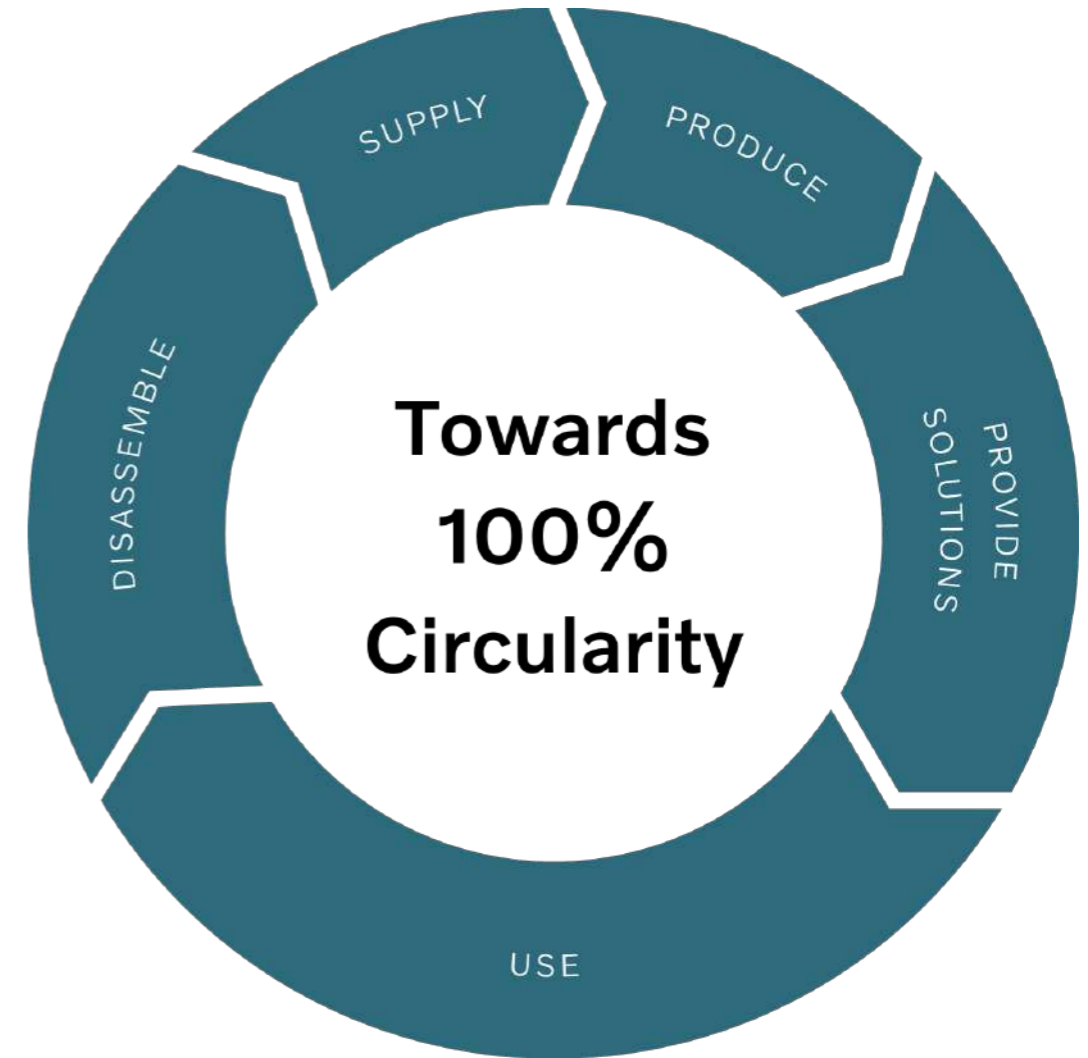
V O L V O

Volvo Group Australia is the home of Volvo Trucks, Volvo Bus, Volvo Penta, Mack Trucks, UD Trucks and Volvo Construction Equipment. They provide complete transport solutions for customers, including options for financing and service.

Together with Volvo's customers, supply chain partners, governments and societies, Volvo is moving quickly to develop and offer cleaner, safer and more circular transport solutions.

Circular Economy Initiatives

- 1. Zero waste landfill by 2030**
 - ▶ Paperless way of working introduced in our retail network to reduce waste
 - ▶ Pallets used for shipping are continuously reused, repaired if necessary, then repurposed into animal bedding or compost and mulch
 - ▶ Metal stillages that carry parts, have been specially made so they can be reused over and over, rather than containers that were often sent to waste
- 2. Near zero emission steel**
 - ▶ Steel is one of the main materials in the manufacturing of trucks, buses and construction machines
 - ▶ Volvo Group has collaborated with H2 Green Steel to supply near zero emission steel, with start of production planned for end of 2025 and deliveries starting mid-2026



- 3. Battery 1st and 2nd life and recycling**
 - ▶ Used batteries from our vehicles are reused for solar energy storage at housing, apartment buildings and commercial sites or reused at operators facilities
 - ▶ At end of second life, in around 20 years time, the battery can be recycled up to 96%

[Click here for more information on Volvo Group Australia and sustainability initiatives](#)

Circular Economy Roadblocks/Challenges

1. Policies

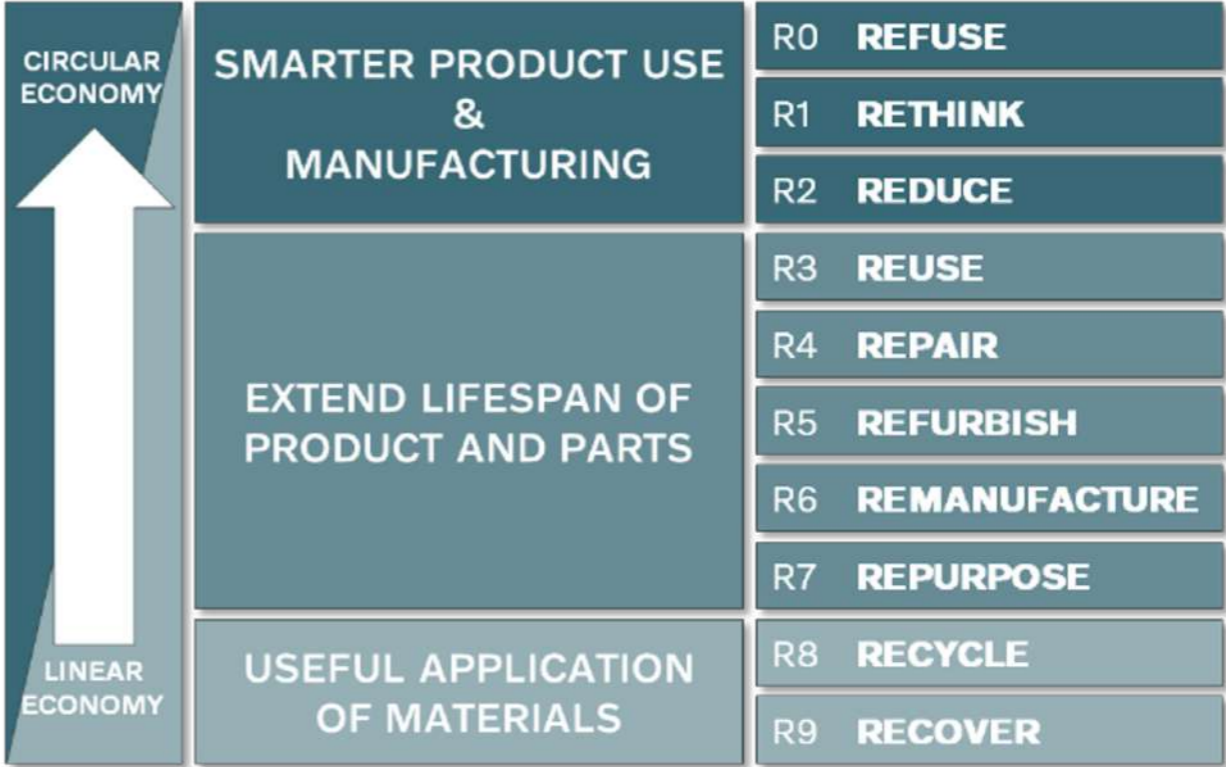
To ensure that batteries can be used as efficiently as possible throughout their lifecycle, we need policies that cover reuse, repurpose, refurbish, remanufacturing and recycling.

2. Cost

There is upfront financial investment required for new technologies and business models around circularity for all industries. Shortage of financial backers, lack of infrastructure, and uncertainty of Return on Investment is a roadblock to furthering growth in this area.

3. Perception

The perception of remanufactured parts vs. new parts, coupled with the small cost differential, does not make remanufactured parts attractive and popular. In turn, low demand and low volumes for remanufactured parts, results in higher cost.



The R-Framework, adopted from Potting et al. (2017)

Contact



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BCSD Australia is a CEO-led organisation of more than 70 Australian businesses and non-governmental bodies working together to accelerate the transition to a sustainable world by aligning with the Sustainable Development Goals (SDGs) and acting on climate change. BCSDA is the Australian partner for the World Business Council for Sustainable Development (WBCSD).

Circular Economy Initiatives

1. **Circular Transition Indicators (CTI)**

BCSD Australia is implementing the CTI sector guidance for electronic devices . This provides a standardized framework to measure and track circular economy performance in the electronics industry, encouraging reuse, recycling, and circular product design.

2. **Plastics Disclosure Protocol**

The SPHERE framework offers an implementation guide for circular sustainability assessments in packaging, helping businesses reduce waste and integrate circularity into packaging design and production.

3. **SPHERE Framework for Packaging**

Tetra Pak is working towards reach net zero greenhouse gas (GHG) emissions across our operations and the entire food value chain.



SPHERE: the packaging sustainability framework



[Click here for more information on BCSDA sustainability initiatives](#)
[BCSD Circular Economy Program](#)

Circular Economy Roadblocks/ Challenges

- 1. Measurement Complexity**
Tracking and reporting circular economy performance, especially across global supply chains, requires advanced metrics and data systems.
- 2. Sectorial Disparities**
Adopting circular practices is uneven across industries, with some sectors facing greater barriers to transition due to existing processes and structures.
- 3. Consumer Behaviour**
Shifting consumer attitudes towards sustainable products and practices remains a challenge, impacting demand for circular products.



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