

# 11. Circular Economy

The University of Bristol is adopting a Circular Economy approach to managing its resources. This will redefine how our institution manages its resources, away from a linear model of 'make, purchase, consume and dispose' to one with the following principles;

## Aims

1. Align economic and environmental objectives to maximise our resource efficiency
2. Minimise our environmental impact from resource use including; procurement and supply chain; use and lifecycle; end of life management, with a strong focus on the waste hierarchy, ultimately delivering improved cost management
3. Deliver the 7 key principles of Circular Economy within the University's operational activity.

## Objectives

To be a University based on Circular Economy Principles;

1. Prioritises the use of regenerative resources reducing environmental impact – reusable, non-toxic, renewable.
2. Preserves and extends the life of what's already been made – repair, upgrade, upcycle.
3. Turning waste into a resource – reuse, remanufacture, creating a secondary resource, recycling, no-landfill, waste prevention and minimisation.
4. Designing for the future – longevity, low maintenance, reusable, adaptable.
5. Collaboration – working with the supply chain as partners, within and outside the university, integrating into procurement activity.
6. Rethinking our business model – Whole life costing and life cycle analysis
7. Incorporating digital technology – Offering opportunities to connect organisations in delivering the six principles above.

## Actions

1. Develop a whole life costing model to be used within the tender process for goods and services.
2. Develop training for purchasers on circular economy principles and how to integrate into operations.
3. Manage in line with the waste hierarchy.

## Benefits

1. Reduced purchasing and disposal costs for all purchased products
2. Reduced carbon emissions
3. Improved community engagement

## Sustainable Development Themes

1. All SDG goals

