



Circular and Sustainable Procurement

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European Union



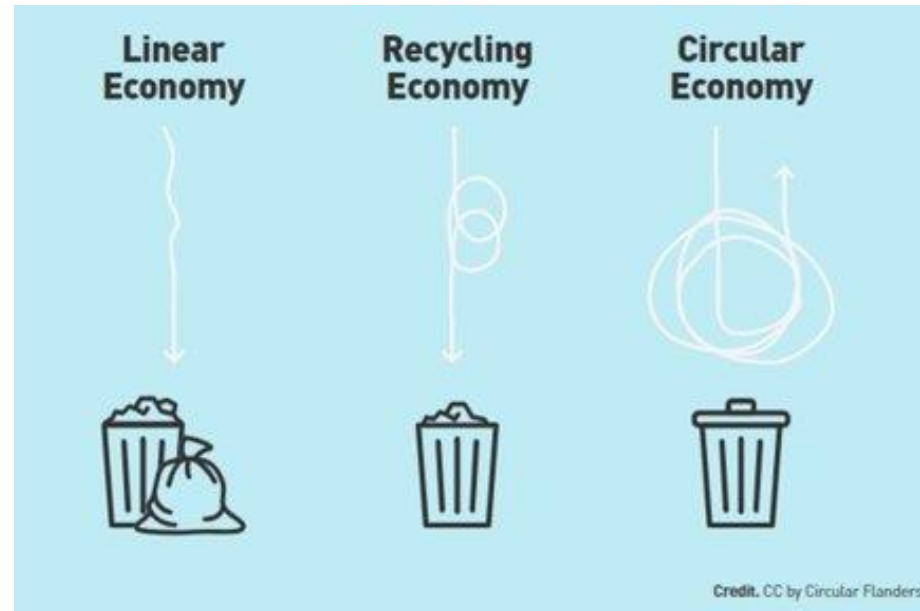
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What is a Circular Economy?

A systemic shift in the way we think and design products, based on three key principles:

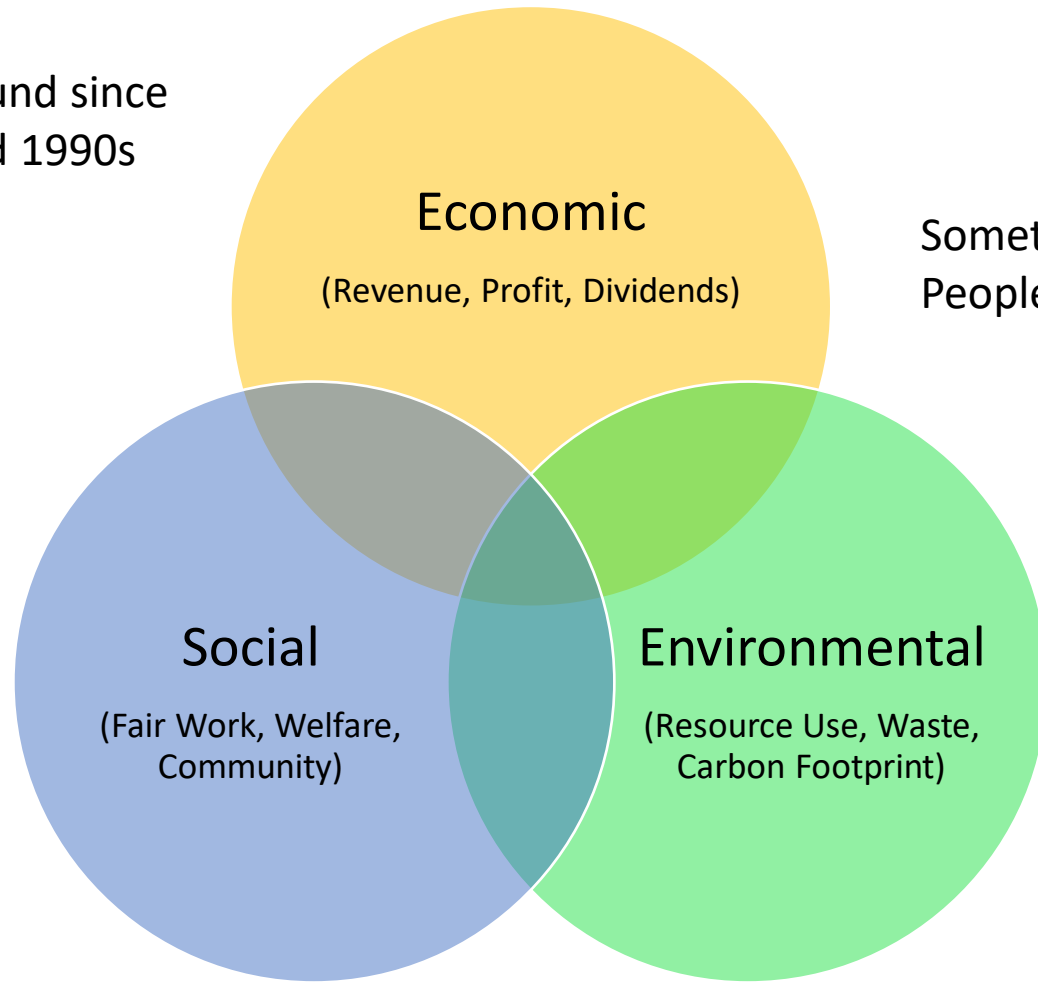
1. Design out waste and pollution
2. Keep products and materials in use
3. Regenerate natural systems



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Triple Bottom Line

Been around since
1980s and 1990s



Sometimes referred to as
People, Plant, Profit.

Freer Spreckley (1981):
Social Audit – A Management Tool
for Co-operative Working.



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Goals & Strategies Circular Procurers

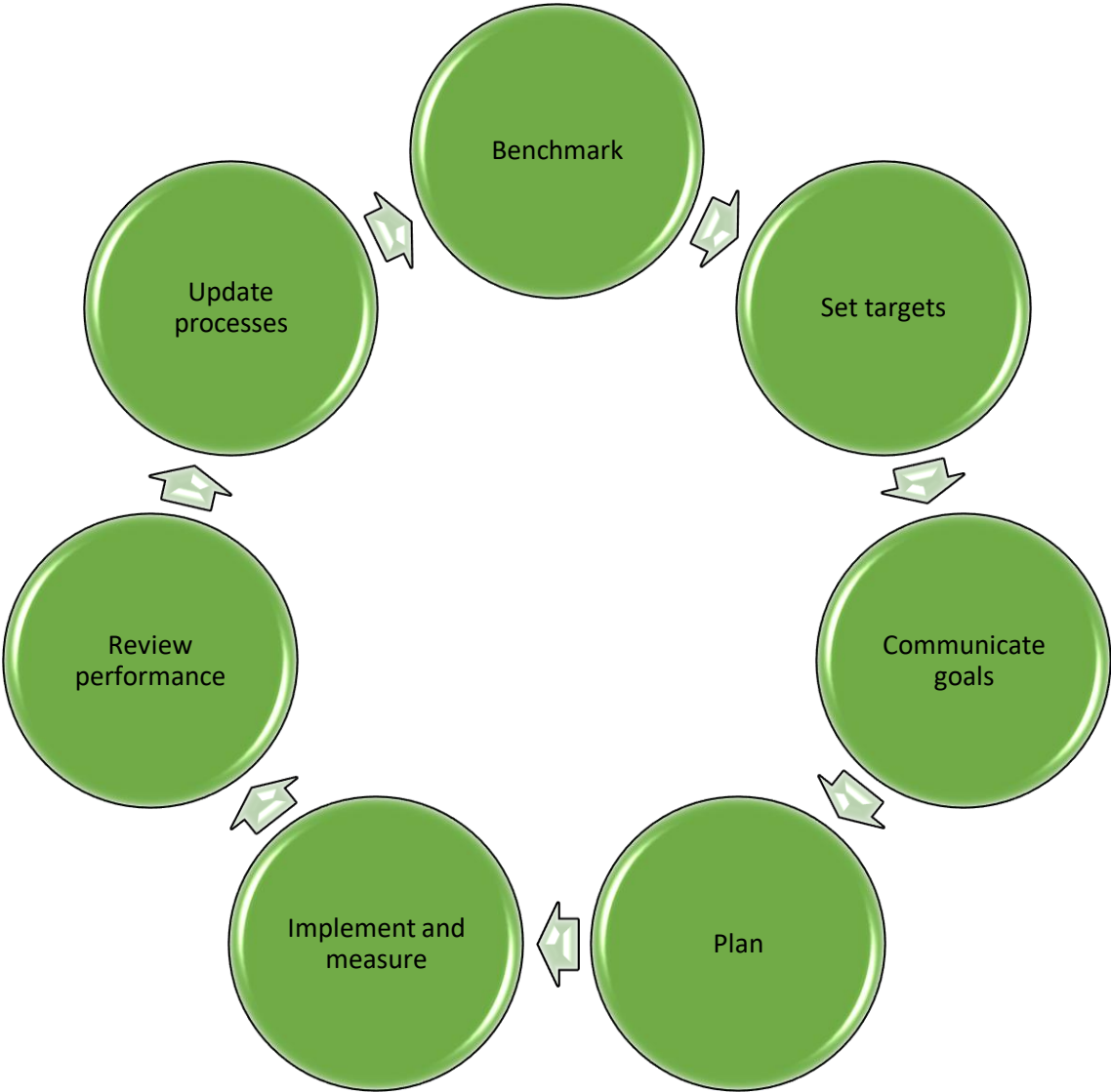
Reduce total amount of materials	Reduce amount of virgin inputs	Extend the useful life	Maximise the reusability of a product or component	Maximise the reusability or recyclability of materials
1 Internal sharing	1 Understanding the share of recycled, biobased, and virgin materials present	1 Extending guarantees	1 Design for disassembly	1 Design for recycling
2 Renting or peer to peer sharing	2 Increasing the amount of recycled content	2 Contractual arrangements for maintenance and repair	2 Modular design	2 Understanding materials
3 Reuse, refurbishing or upgrading	3 Increasing the amount of biobased content	3 Upgradable products	3 Standardised design	3 Contractual arrangements for take back and recycling
4 Minimal use of materials in design		4 Design for longevity	4 Understanding the internal composition and connections	4 Reducing or banning toxicity
5 Less waste		5 Repairability and maintainability	5 Contractual arrangements for take back and reuse	5 Biologically degradable/compostable
		6 Modular/change oriented design	6 Stimulate circular business models	6 Stimulate circular business models
		7 Contractual incentives for extension of useful life		
		8 Supplier guidance for use optimization		

Source: Circular Flanders



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Example of an implementation cycle



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Questions to Consider

- Is this a new or unique opportunity and what is driving it?
- Does the market and supply chain exist to support this?
- What evidence do I need to promote this to customers?
- What does my organisation want to achieve?
- How do I measure and Monitor Performance?



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Some Further Reading

- [Circular Procurement in 8 Steps – EU](#)
- [Green Public Procurement – EU](#)
- [Interreg ProCirc Project – EU](#)
- [Procuring for Re-use – Zero Waste Scotland](#)



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Zero Waste Scotland is a private company limited by guarantee, registered in Scotland as company number SC436030.
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