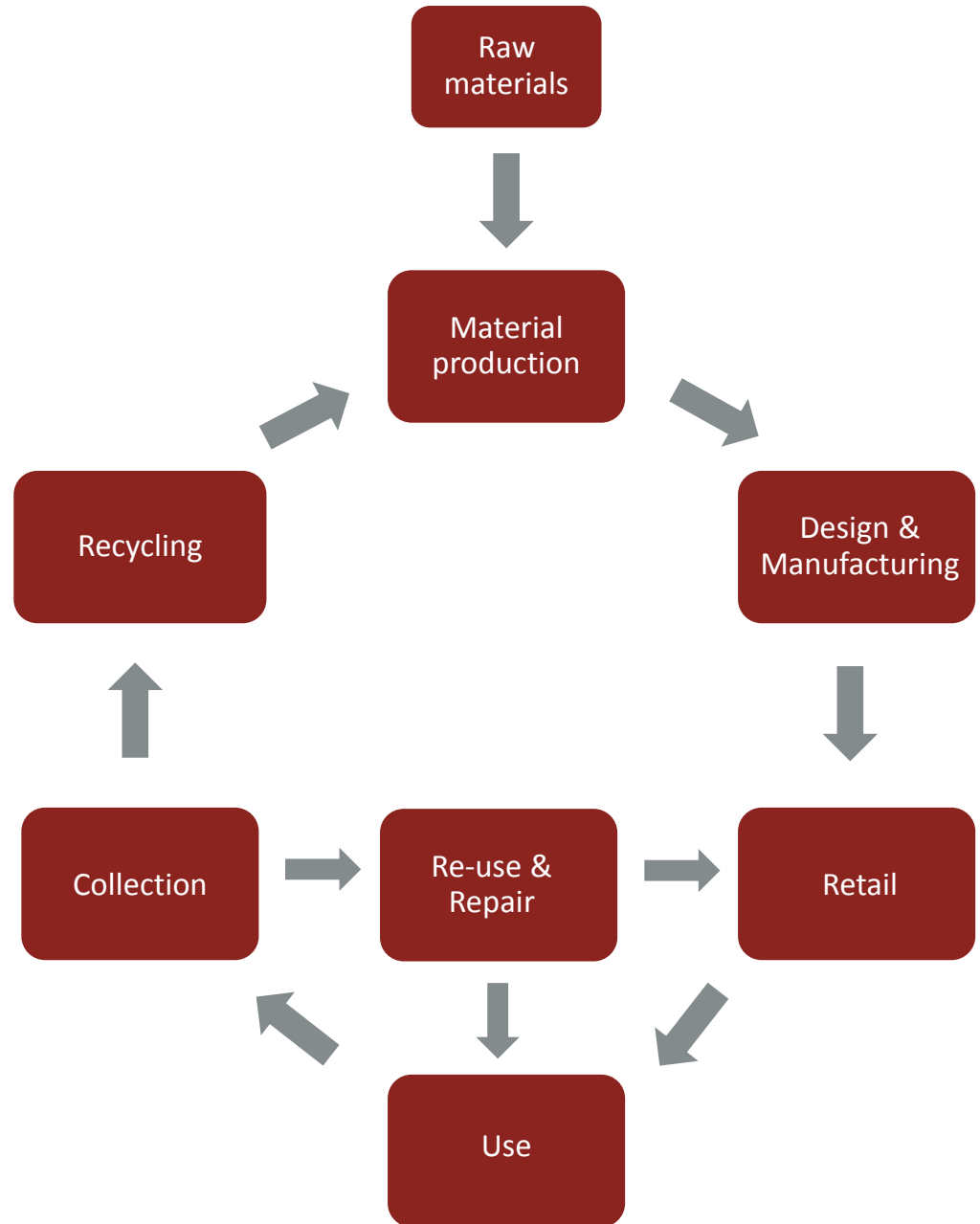


Textiles Circular Economy

WRAP estimates that between **2.5 and 2.7 million tonnes** of household textiles – clothing, footwear and other textiles products like carpets and mattresses – are consumed annually in the UK.

In 2010 an estimated **£238 - £249 million** of re-usable or recyclable textiles were discarded through kerbside residual waste collections.

Recovering just **10%** of this would generate a potential sales value of almost **£25 million**.

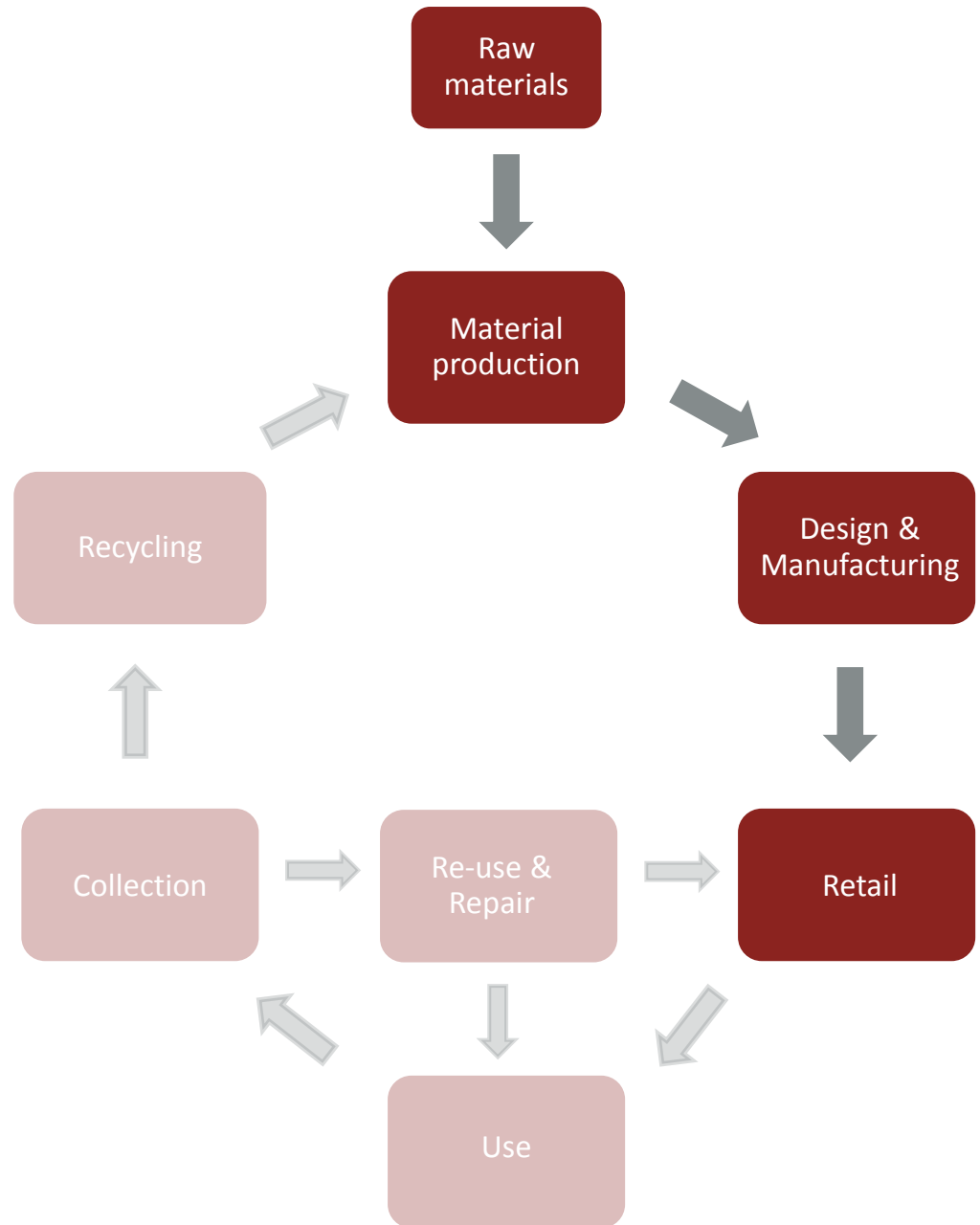


Textiles Circular Economy

For clothing the processes from raw material to garment supply contribute around **one-third** of the waste footprint, **three-quarters** of the carbon impact and most of the water footprint.

WRAP leads the **Sustainable Clothing Action Plan**. SCAP aims to improve the sustainability of clothing and textiles across its lifecycle by looking at:

- **procurement and specification** of lower impact fibres;
- **designing clothes** to increase their useful life and reduce laundry impacts;
- working with **supply chain** partners to increase efficiency; and
- providing **consumer information** on garment longevity and laundry practice and re-use and recycling.



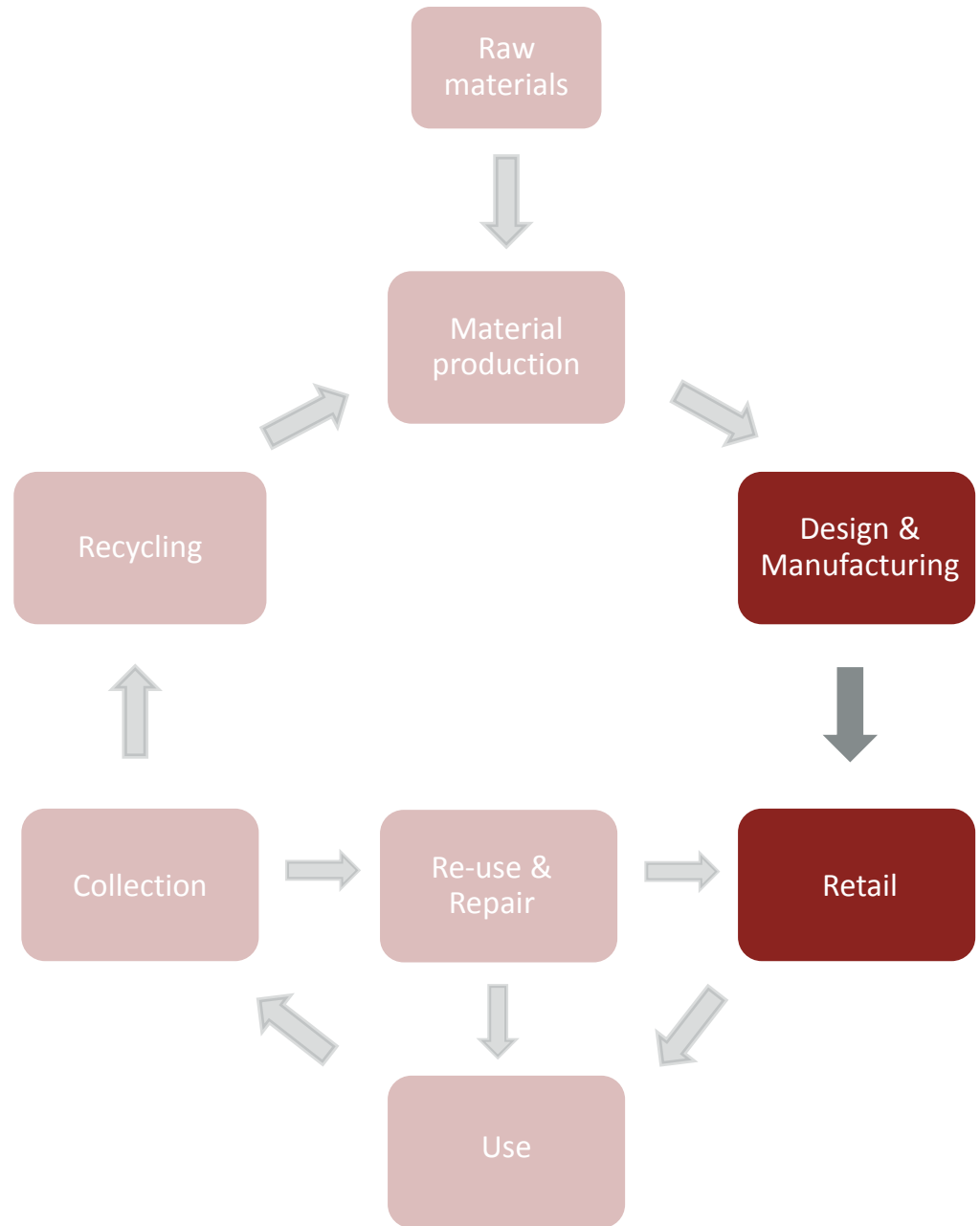
Find out more at www.wrap.org.uk/clothing

Textiles Circular Economy

For clothing the most significant opportunity to save money and resources is to increase active life.

We are developing:

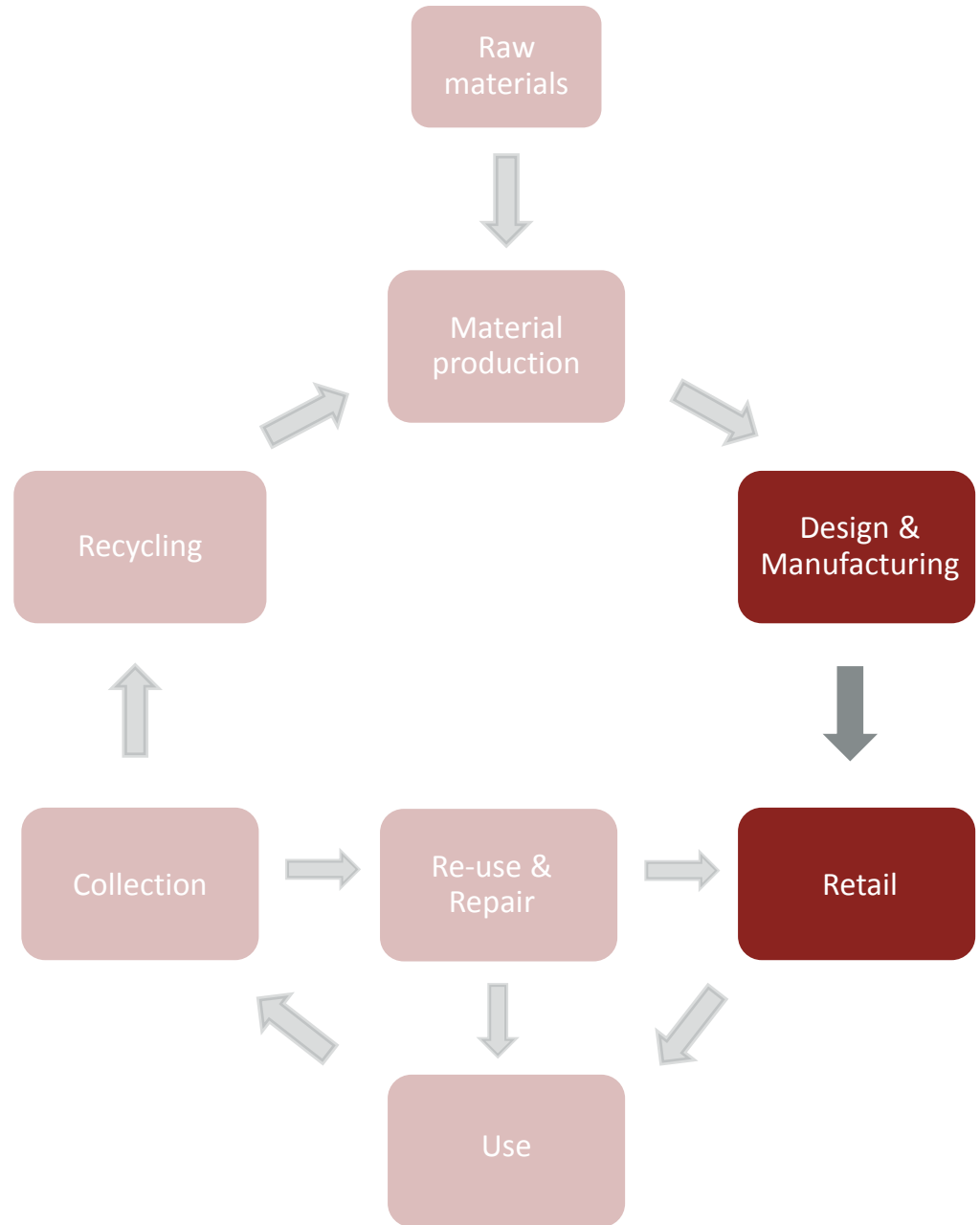
- a common industry mechanism (**Longevity Protocol**) to provide a robust way of testing and specifying clothing durability; and
- a **training package and knowledge hub** to promote resource efficiency in clothing to designers, buyers and specifiers.



Textiles Circular Economy

Together with **Carpet Recycling UK** we have produced a series of case studies highlighting resource efficiency strategies in carpet manufacture, use and refurbishment.

- **Abingdon Flooring** saved **£74,000 a year** by reducing landfill costs and provide **multi-width options** that reduce installation waste and minimise cost to the customer.
- **Milliken** extended wear life from **10 to 15 years** with a 85% recycled content polyurethane backing and achieved over **90% diversion from landfill** through waste segregation.

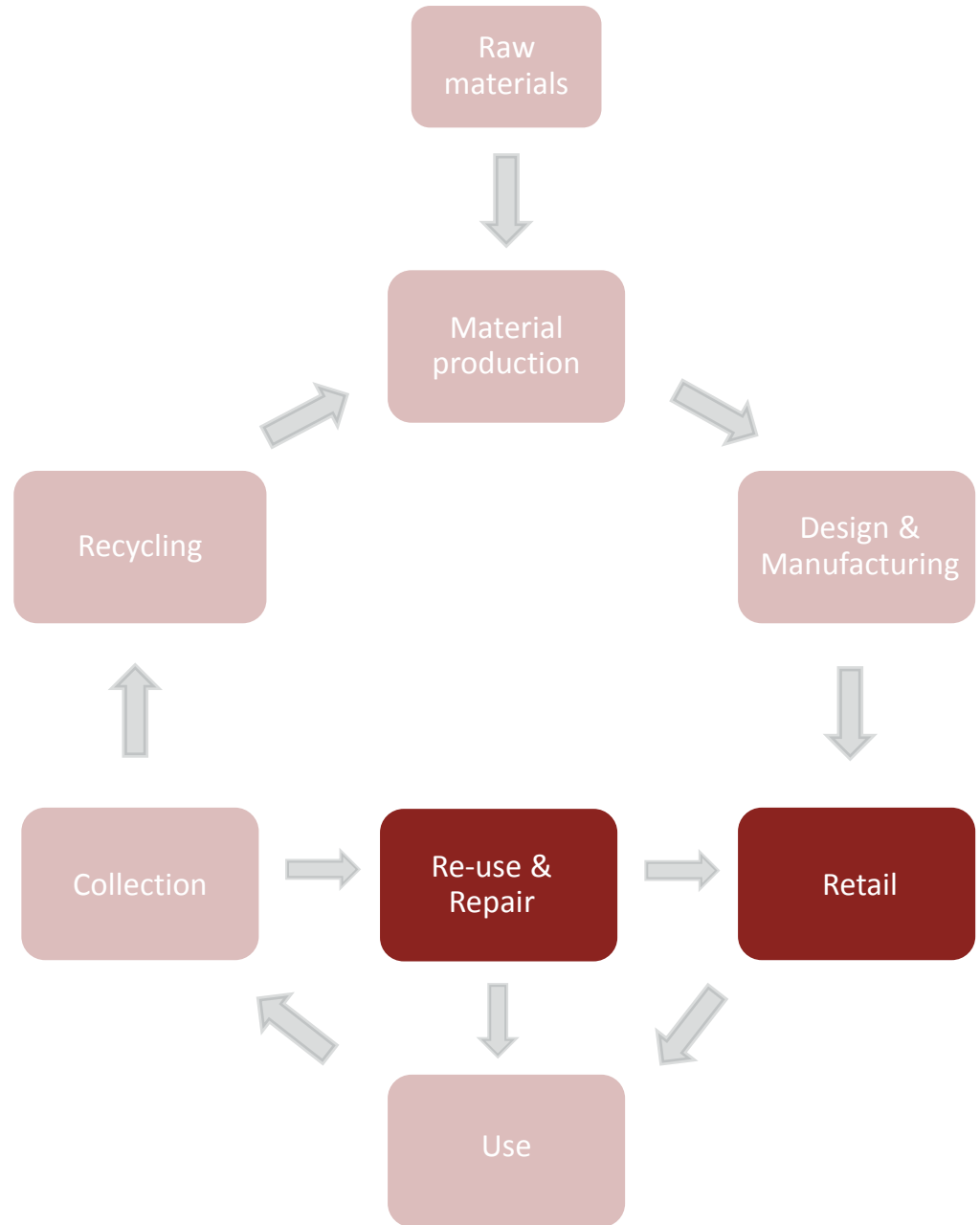


Textiles Circular Economy

WRAP is challenging retail sector leaders to develop resource efficient approaches that extract the maximum value from clothing by extending their lifetime or enabling them to be re-used.

Our **Waste Prevention Loan Fund** supports companies to innovate – by piloting alternative, resource efficient business models – and increase re-use, repair and recovery capacity.

Our **Clothing Portfolio** tool enables retailers, charities and recyclers to assess how actions on garment supply, use and disposal or re-use can reduce their carbon, water and waste footprints.

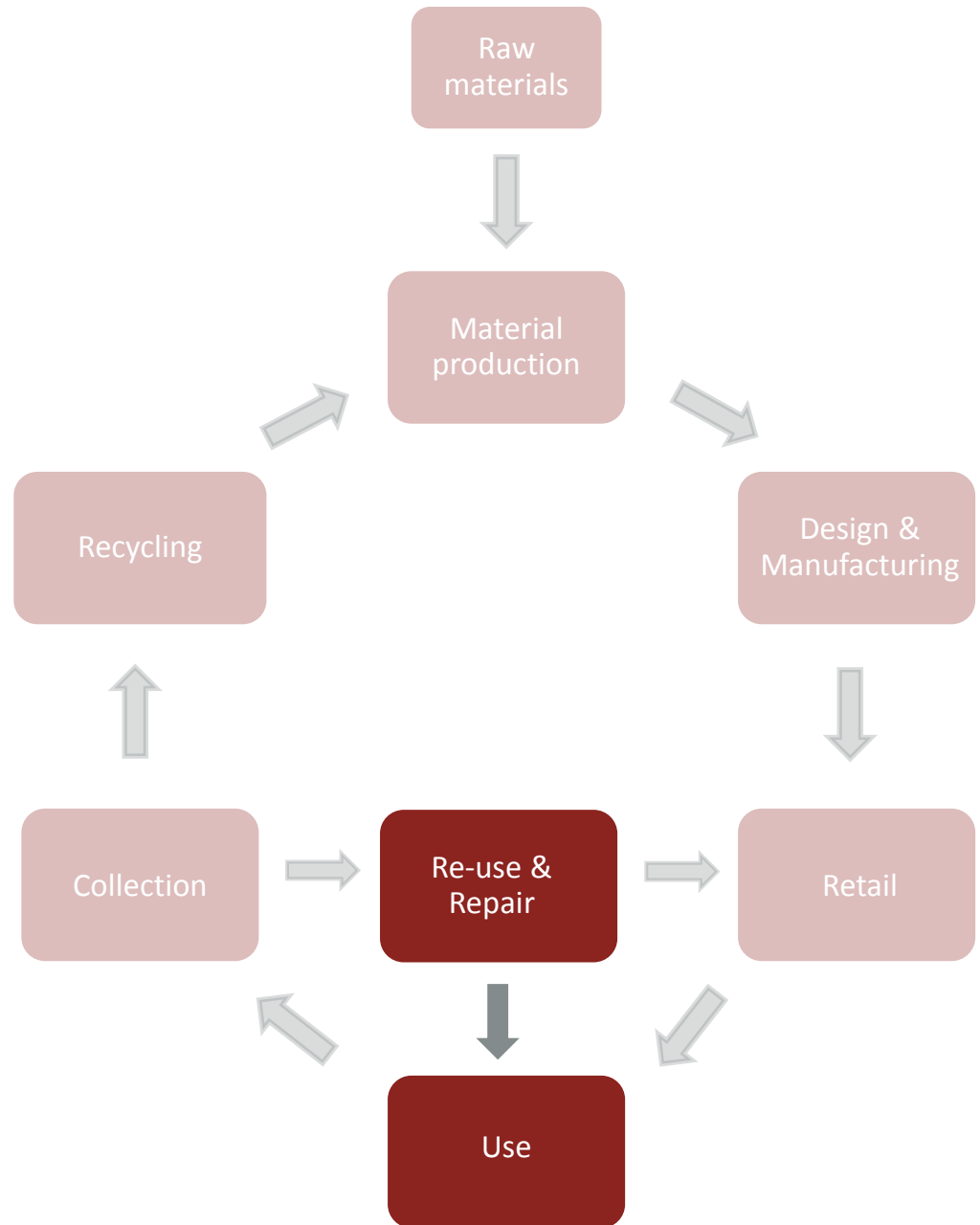


Find out more at www.wrap.org.uk/clothing

Textiles Circular Economy

In the Facilities Management sector we're helping companies make more efficient use of resources and reduce waste.

- Our model wording for public and private Facilities Management clients helps to increase **recycled content** in new furnishings and the **recovery and re-use** of used furnishings.
- **Office Depot** provided a social enterprise with their waste uniforms – re-using just over **three tonnes** of textile waste each year.

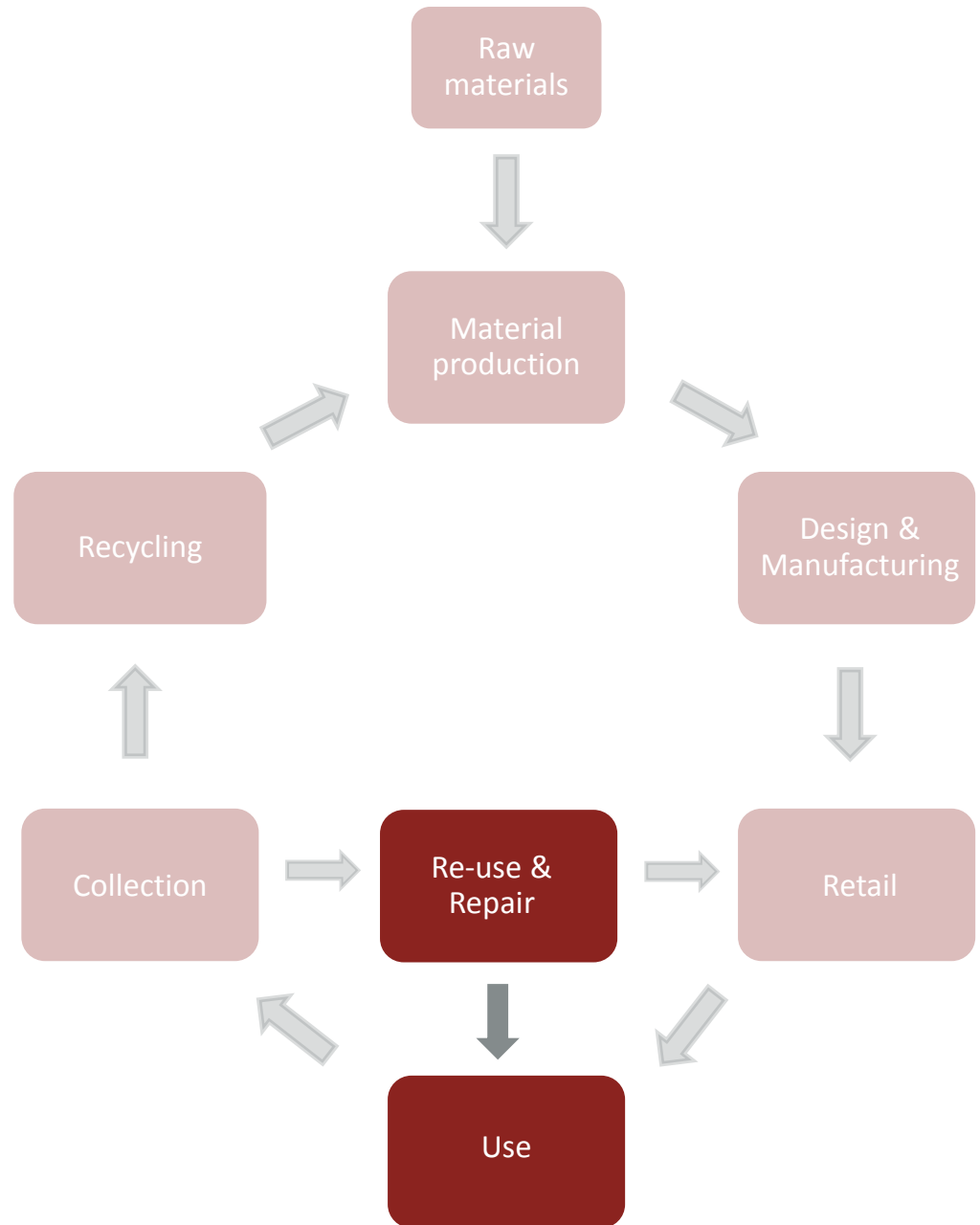


Textiles Circular Economy

WRAP is exploring the changes consumers can make to reduce the environmental impacts of the way they buy and use clothing. Key opportunities include:

- choosing clothing designed to last longer;
- increasing the use of existing clothing;
- choosing pre-owned clothing (where appropriate);
- smart laundry practice; and
- repair and alteration.

WRAP is supporting the sector by working with SCAP partners to develop a suite of resources that the sector can use to communicate these key opportunities to their consumers.



Find out more at www.wrap.org.uk/clothing

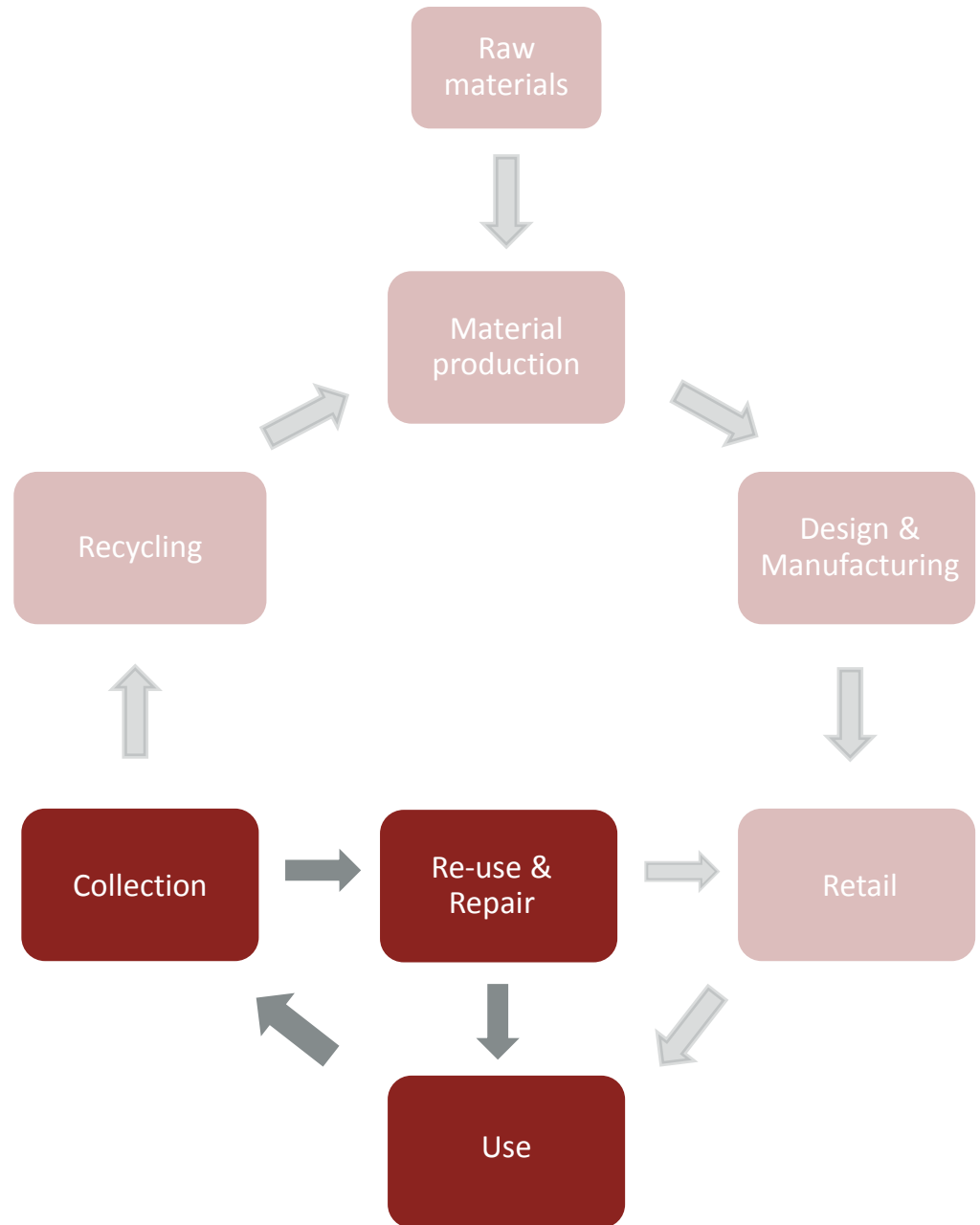
Textiles Circular Economy

WRAP focuses on diverting textiles from landfill by improving collection and separation systems.

Our **collection guidance for textile collectors** provides practical support for three key routes:

- kerbside textile collection services;
- bring banks; and
- community re-use initiatives.

We are also developing guidance on the collection of non-clothing textiles and developing communication materials to help householders and businesses find out how to re-use or recycle their textiles.



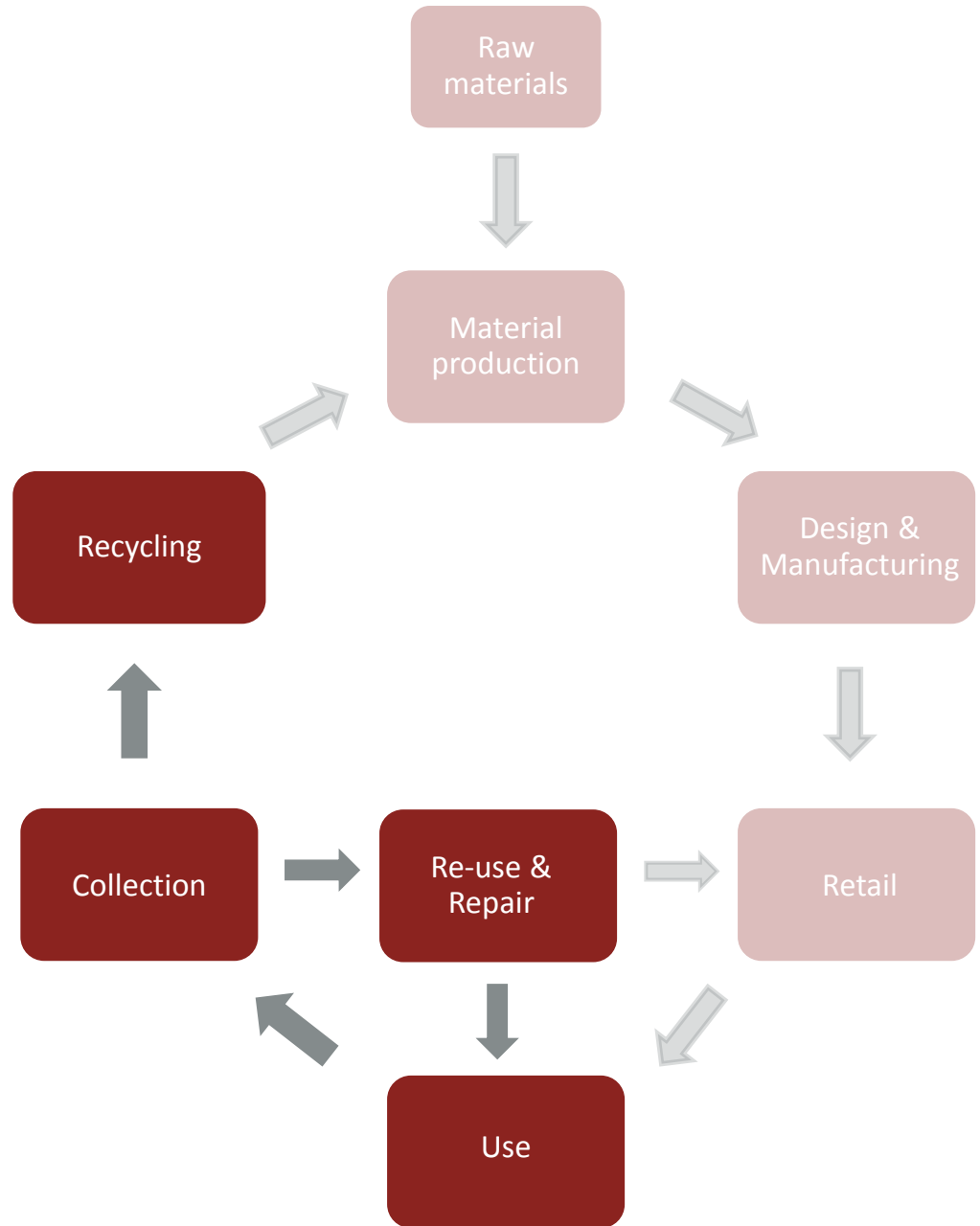
Find out more at www.wrap.org.uk/textiles

Textiles Circular Economy

Our research indicates there are opportunities to divert textiles from landfill and **develop the market** for the re-use and recycling of textiles.

We explored the commercial viability of **washing and drying processes** and identified the **sources of recovered textiles** with the potential highest value returns.

We have also commissioned a suite of **development trials** to assess textile recycling technologies and are researching fibre recycling.



Textiles Circular Economy

WRAP's vision is to improve the sustainability of textiles across its lifecycle.

By bringing together industry, government and the third sector we're helping to foster collective, sector-wide action to reduce the carbon, waste and water footprints of textiles and save money – as well as developing the tools and guidance necessary to help the industry meet its objectives.

Our work to raise awareness of the value of textiles and support re-use and recycling will deliver both economic growth and social benefits.

