



TEXTILES 2030 ROADMAP

Transforming our
industry for the planet

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Textiles 2030: A roadmap to 2030

Textiles 2030 will transform the way that the UK supplies, uses and disposes of clothing and textiles.

Textiles 2030 is the UK's national textile sector collaboration making rapid, science-based progress on climate action and the circular use of products and materials.

We need to move away from a linear pattern of growing consumption towards a sustainable and circular system where we use less material – reducing climate change in line with Paris Agreement goals, and reducing water stress in supplier countries.

Textiles 2030 brings together governments, businesses, community organisations and NGOs behind a common vision and commitment to a set of ambitious targets.

This roadmap shows what Textiles 2030 signatories can do to deliver the targets, with key outcomes by the end of 2022, 2025 and 2030. It aims to inspire businesses to act, and to galvanise wider action by governments, funders, investors and NGOs.

Achieving the targets will require radical changes and significant investment. Circularity will play an important role in this; however, we don't currently have all the solutions, and innovation and scale-up will be needed.

The roadmap is a living document and will evolve in future versions - with further quantification and prioritisation of the actions to be taken.

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We urgently need to protect the planet from the damaging, unsustainable impact of the way we produce and consume clothing and textiles. Innovation, creativity and commitment, underpinned by collaboration is essential if we are to be successful.

By working together, businesses across the UK can take the critical steps needed to transform business practices in the sector for good and achieve our climate goals.

With WRAP's expertise in delivering initiatives such as Textiles 2030, and with your knowledge and expertise I am excited by the impact we can achieve together. I urge every fashion and textiles business in the UK to sign up to Textiles 2030.

**Lola Young, Baroness
Young of Hornsey, OBE**

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Textiles 2030

Transforming our industry for the planet

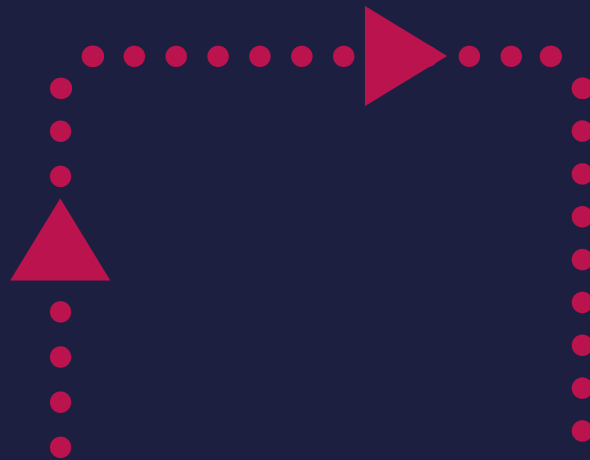


The targets for 2030 are to:

- Reduce the aggregate greenhouse gas footprint of new products by **50%**, sufficient to limit global warming to 1.5°C in line with the Paris Agreement on climate change and achieving Net Zero by 2050 at the latest.
- Reduce the aggregate water footprint of new products sold by **30%**.

The targets refer to the total quantity of products placed on the market each year in the UK by business signatories to Textiles 2030. The baseline year is 2019. The targets are an absolute reduction or equivalent in line with recommendations for Science-Based Targets.

We will add a target in 2022 to reduce the amount of virgin textile materials used to meet consumer needs ("materials intensity"), as this will play an important role in displacing supply chain impacts and achieving the stated environmental goals.



Signatory commitment and tracking progress

Signatories will, by 2030, achieve or contribute to absolute reductions (or equivalent Science-Based Targets) of:

50%

50% in the overall carbon footprint of their products and services.

30%

30% in the overall water footprint of their products and services.

Retailer & brand signatories will report annually to WRAP using 2019 or their first year of reporting as their baseline. They will report:

1. **The total quantity of textile products placed on the market (in tonnes).**
2. **The fibre breakdown of the total quantity of new products sold.**
3. **The improvement actions taken, measured as a proportion of relevant products by weight.**

Manufacturer signatories, reuse organisations, recyclers and other signatories will be required to supply data and information from their organisation each year to help determine the overall life-cycle environmental impacts of textiles.

Signatories also commit to build their visibility of their supply chain to facilitate engagement on sustainability goals, and demonstrate they are implementing good practice for responsible supply chain management.

Improvement actions will include design changes, business models for reuse, and material recycling to increase the circular use of textile products and materials.

WRAP will report the collective progress of signatories against the targets.

Why do we need to act?

Environmental imperatives -

Climate change (where textiles need to halve their GHG footprint), and the impact of textiles production in water-stressed locations, both exacerbated by increasing consumption of materials.

Demands for action -

From consumers (preferring brands with clear sustainability credentials), Government (planning for financial and regulatory policies, such as Extended Producer Responsibility and corporate reporting), and investors (requiring climate-related financial disclosures and clear Environmental, Social and Governance strategies).

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We're announcing the UK's intention to mandate climate disclosures by large companies and financial institutions across our economy, by 2025.

The Chancellor of the Exchequer, Rishi Sunak, November 2020

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Why do we need to act?

Business benefits from Building Back Greener -

Tap into growing demand for new business models such as recommerce, increase supply chain resilience through closed-loop sourcing, increase customer loyalty through service-based models and access to preferential interest rates on sustainability-linked loans.

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We will be increasingly disposed to vote against management and board directors when companies are not making sufficient progress on sustainability-related disclosures and the business practices and plans underlying them.

Larry Fink, CEO of BlackRock (the world's largest asset manager), in an open letter to CEOs, January 2020

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How we will hit the targets

Measurement and innovation are core to delivering the Textiles 2030 targets



Measurement:

Focusing effort and measuring outcomes through the discipline of "Target-Measure-Act".



Innovation:

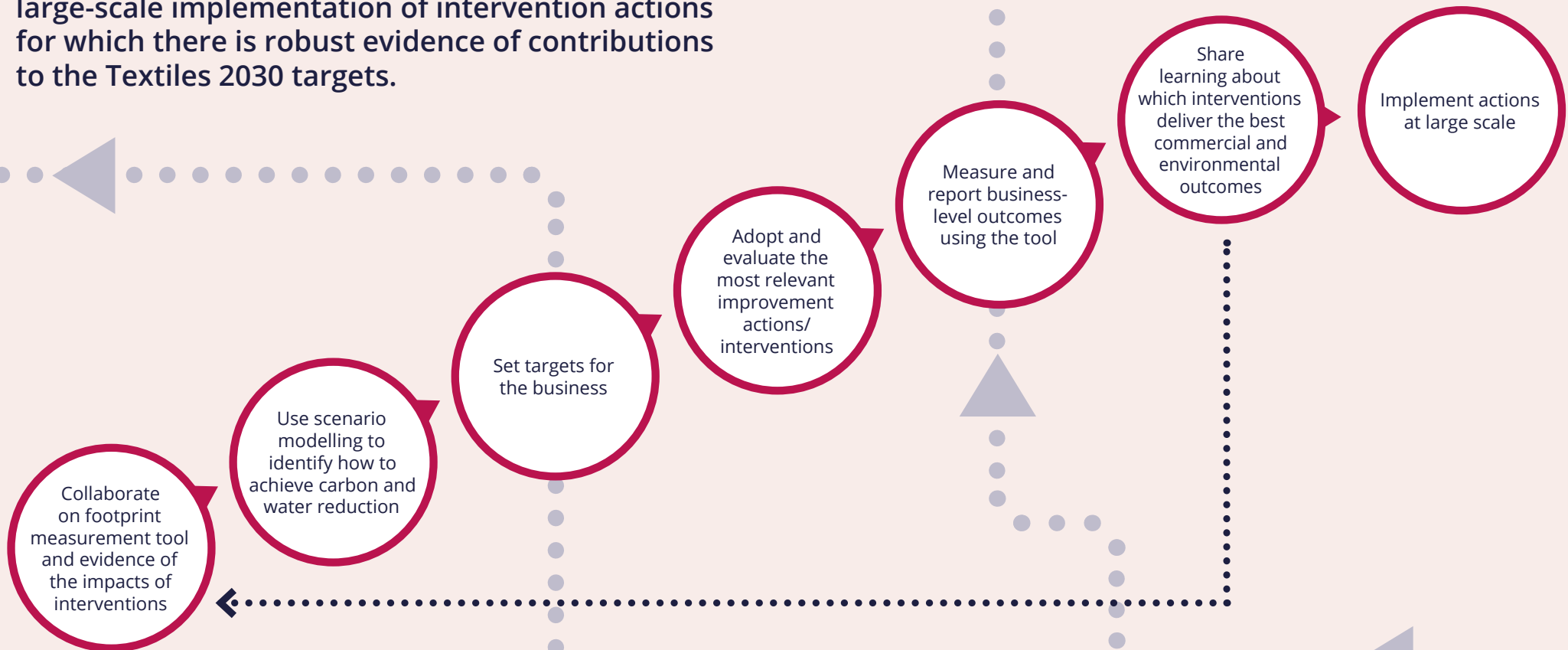
Change the way the industry works - through new business models and partnerships that manage product & material flows and build customer relationships, enabled by innovation in product design and services.

Role of Textiles 2030



Measuring action

All signatories will apply the following roadmap stages to measure progress – adopting a Target-Measure-Act approach to help them work towards large-scale implementation of intervention actions for which there is robust evidence of contributions to the Textiles 2030 targets.



Target, Measure, Act

A range of sustainability actions will contribute towards the targets, where the evidence enables measurement.

Textiles 2030 includes collaborative work to develop actions aimed at circular use of products and materials.

Targets

Reduce the aggregate greenhouse gas footprint of products by 50%

Reduce the aggregate water footprint of products by 30%

Actions

Target, Measure, Act

Improved fibres

Lower impact production processes

Lower carbon energy

Product design for longer life and recyclability

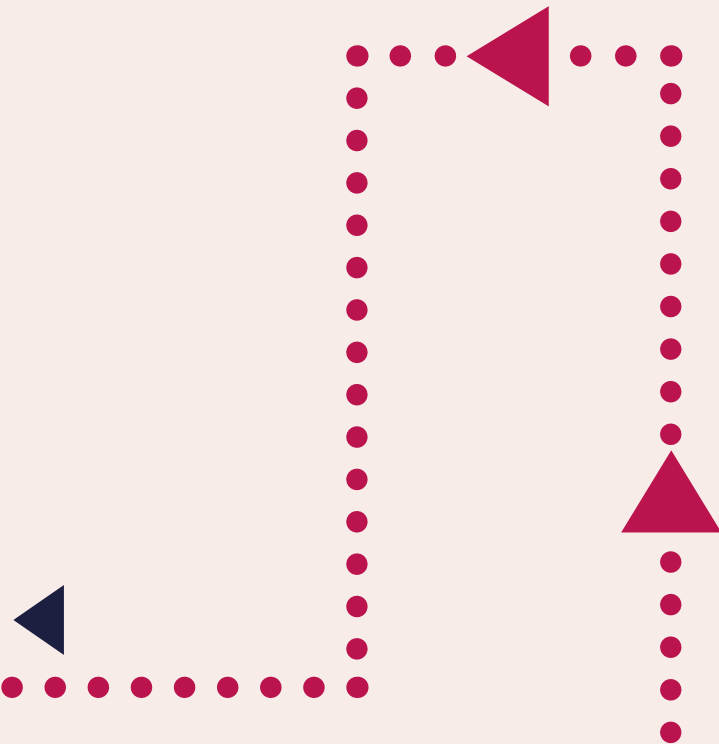
Reuse business models

Recycled fibres

Measurement and modelling

Modelled scenarios will identify priority actions and alternative pathways to achieving the targets, from which businesses can select their own strategies.

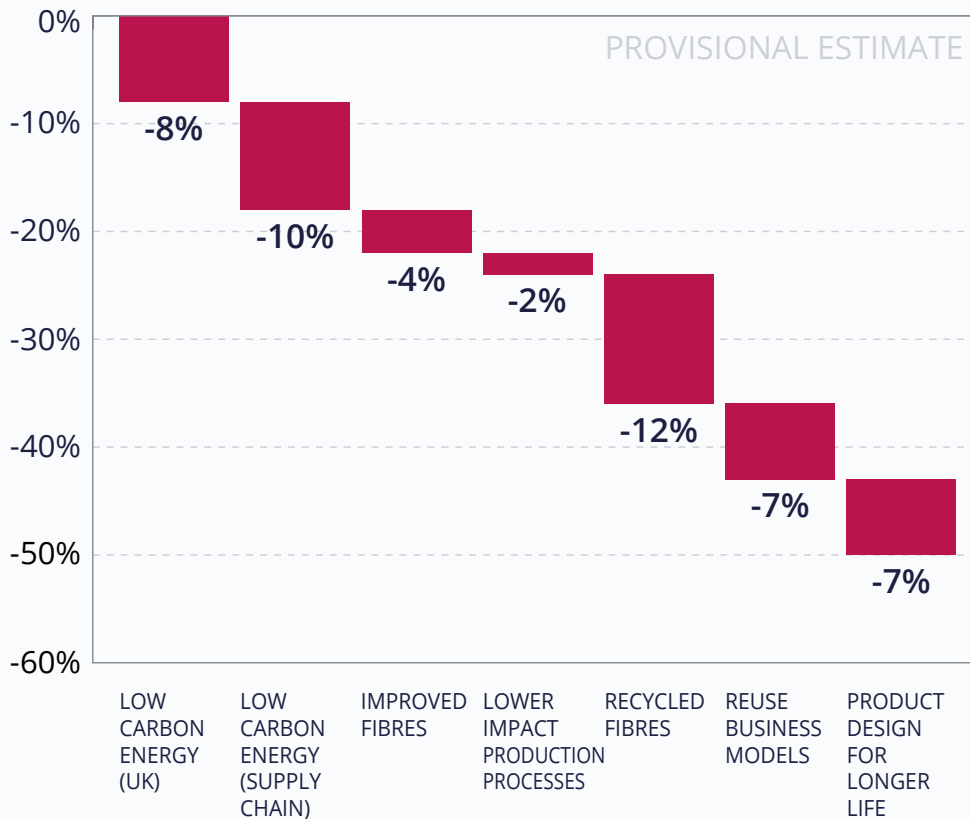
For example, preliminary analysis indicates that implementing a defined set of circularity actions, together with more sustainable fibre choices and decarbonisation of energy supply, could help signatories achieve or exceed the carbon and water targets. Future versions of the roadmap will provide further quantification. Please see examples on the following page.



Measurement and modelling

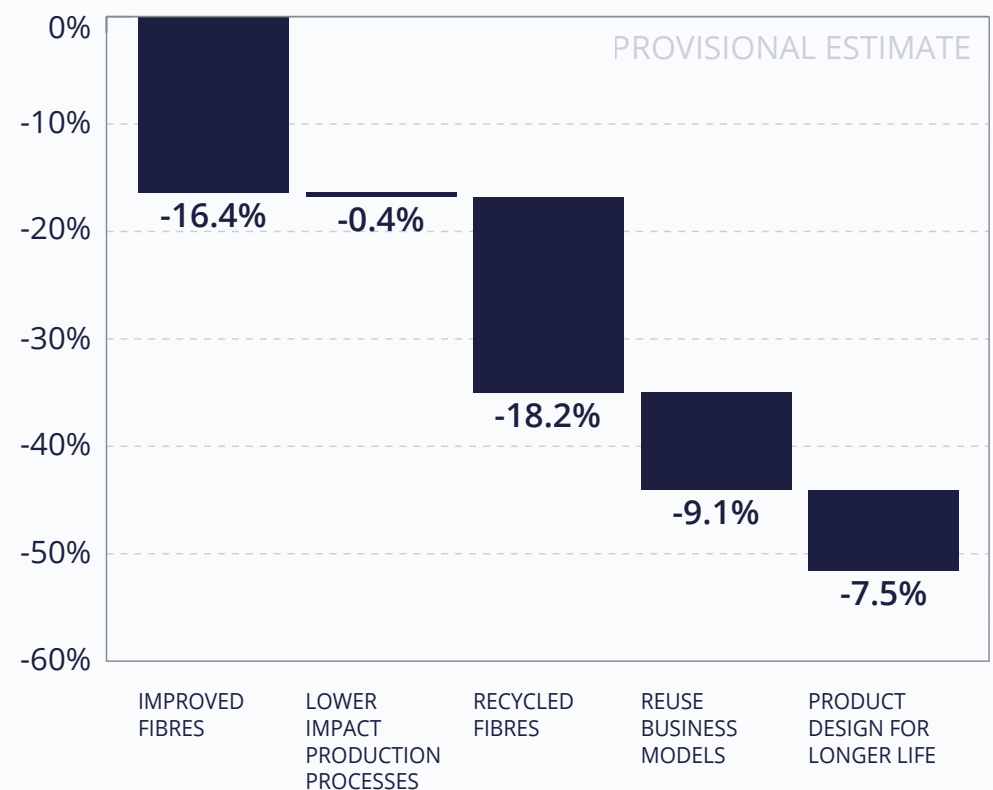


Carbon



Carbon footprint reduction scenario 2019-2030 (provisional estimate 50% reduction)

Water

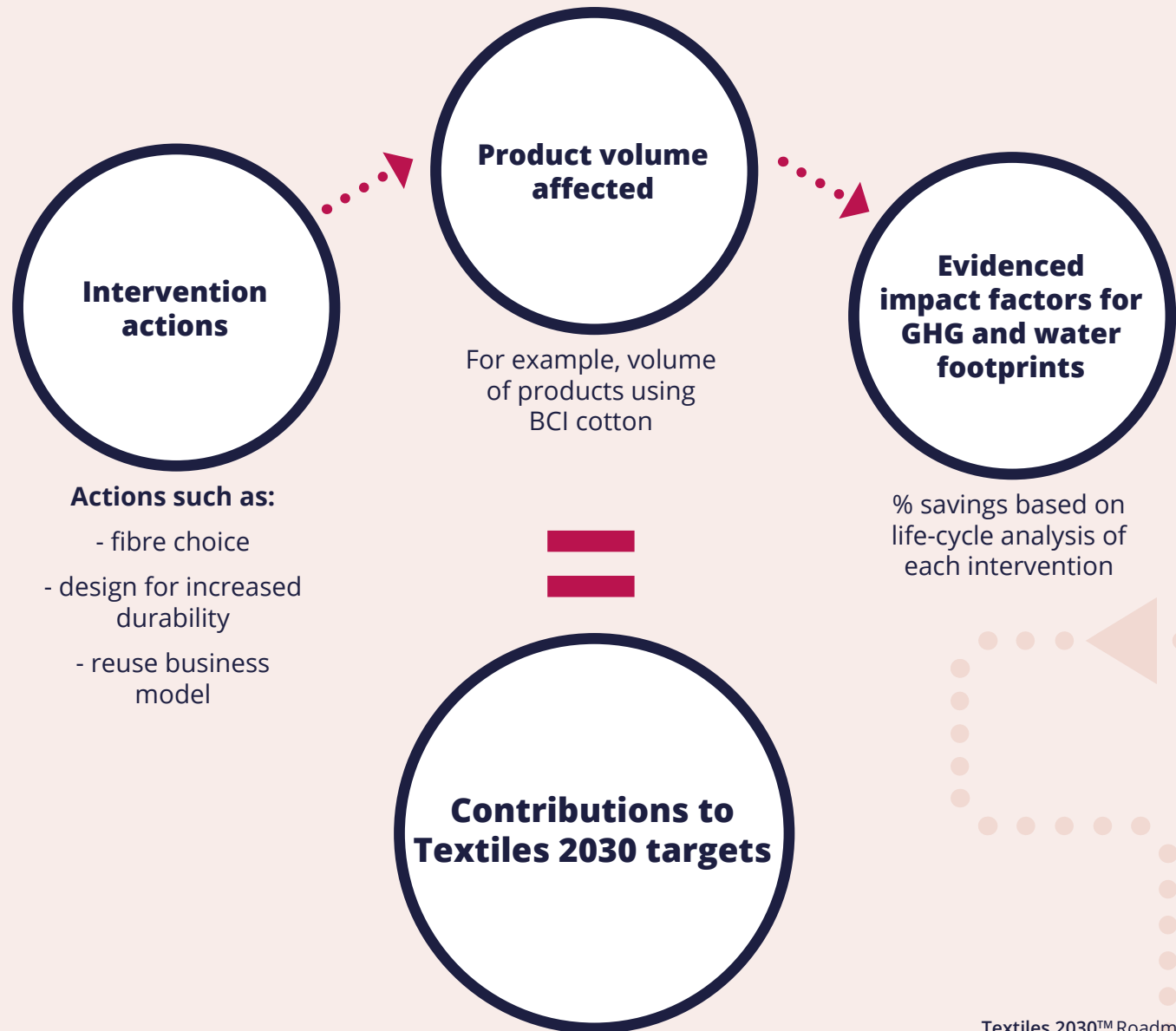
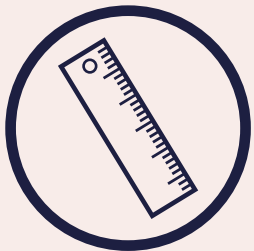


Water footprint reduction scenario 2019-2030 (provisional estimate 51% reduction)

Measuring progress

Each signatory business will identify which interventions to target, appropriate to its business model and customer base, and report the volume of products adopting that intervention.

The Textiles 2030 footprint tool will then show the contribution to the targets.



Circularity Pathway



Partner signatories will work together to achieve the following:

Design For Circularity:

Agree good practice design principles, including durability, recyclability, use of recycled content and minimising waste, and implement them as appropriate to their business model and customer base, to lower the impacts of products placed on the market in the UK.

Implement Circular Business Models:

Pilot reuse business models as appropriate to their product ranges, share learning, and develop large-scale implementation to extend the lifetime of clothing in the UK – decoupling business growth from the use of virgin resources.

Close the Loop on Materials:

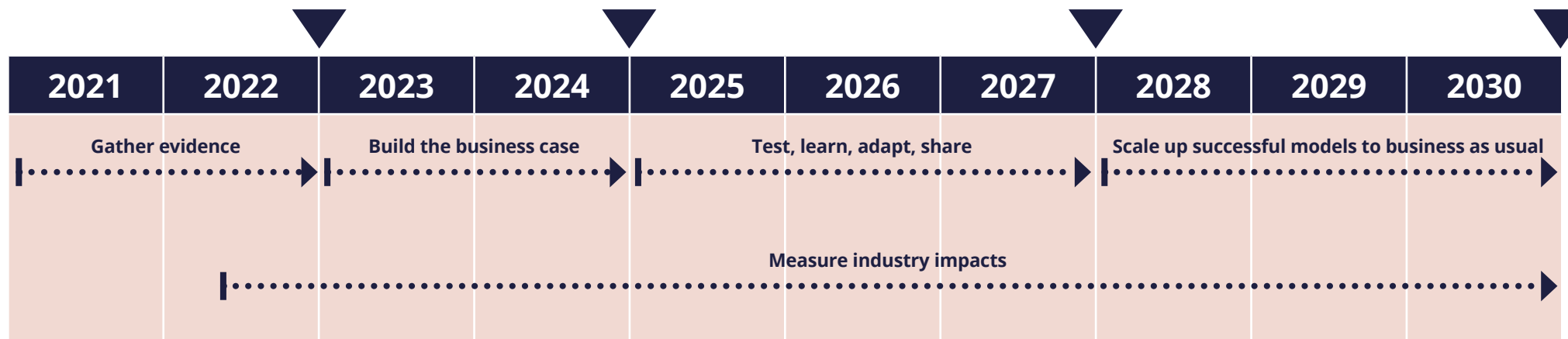
Set up partnerships to supply and use recycled fibres for new products, accelerating the commercialisation of fibre-to-fibre recycling in the UK.

Review roadmap and set milestone targets

Initial pilots complete, business case and impact savings quantified

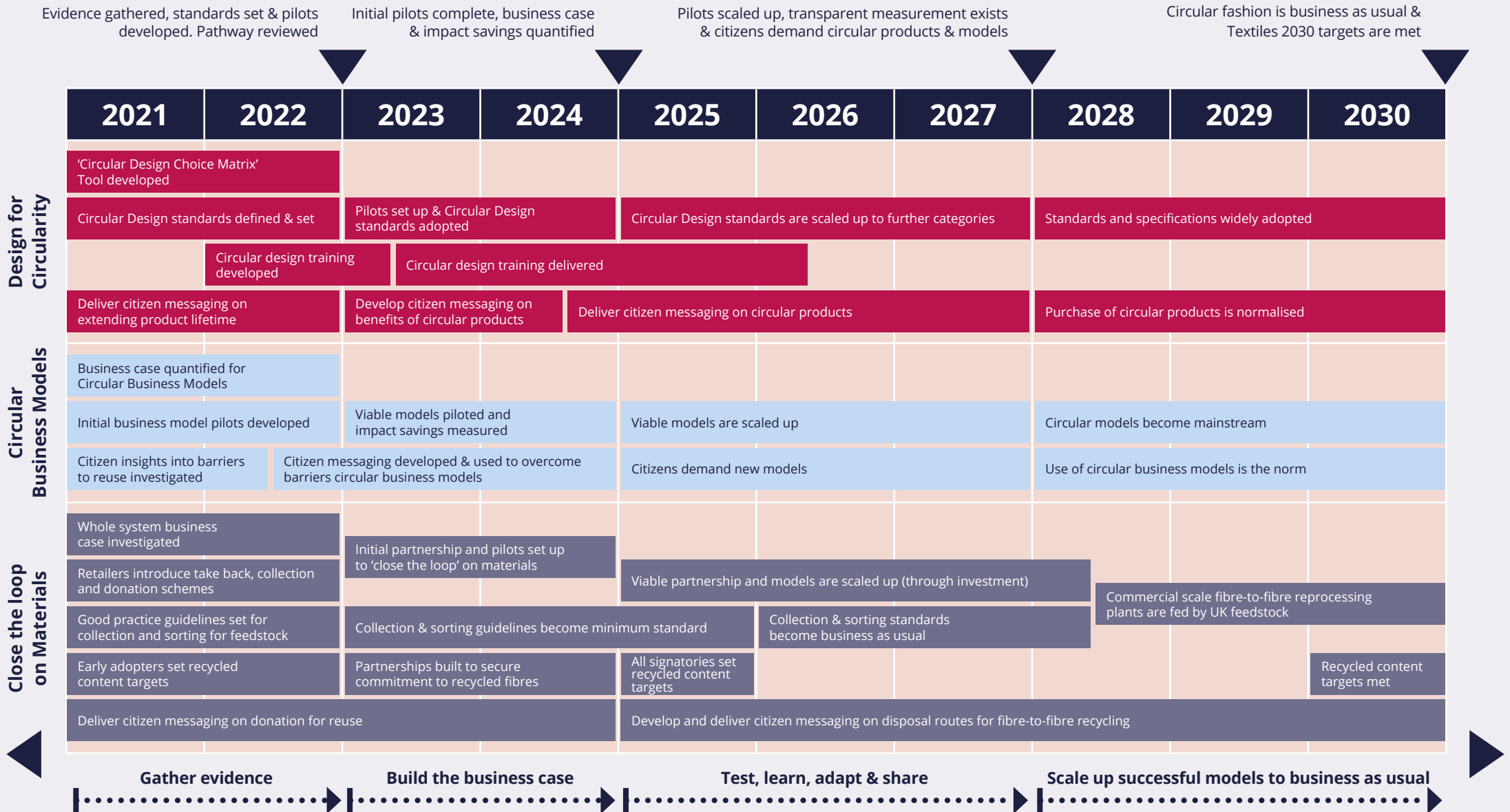
Pilots scaled up, transparent measurement exists and citizens demand circular products & models

Circular fashion is business as usual and Textiles 2030 targets are met



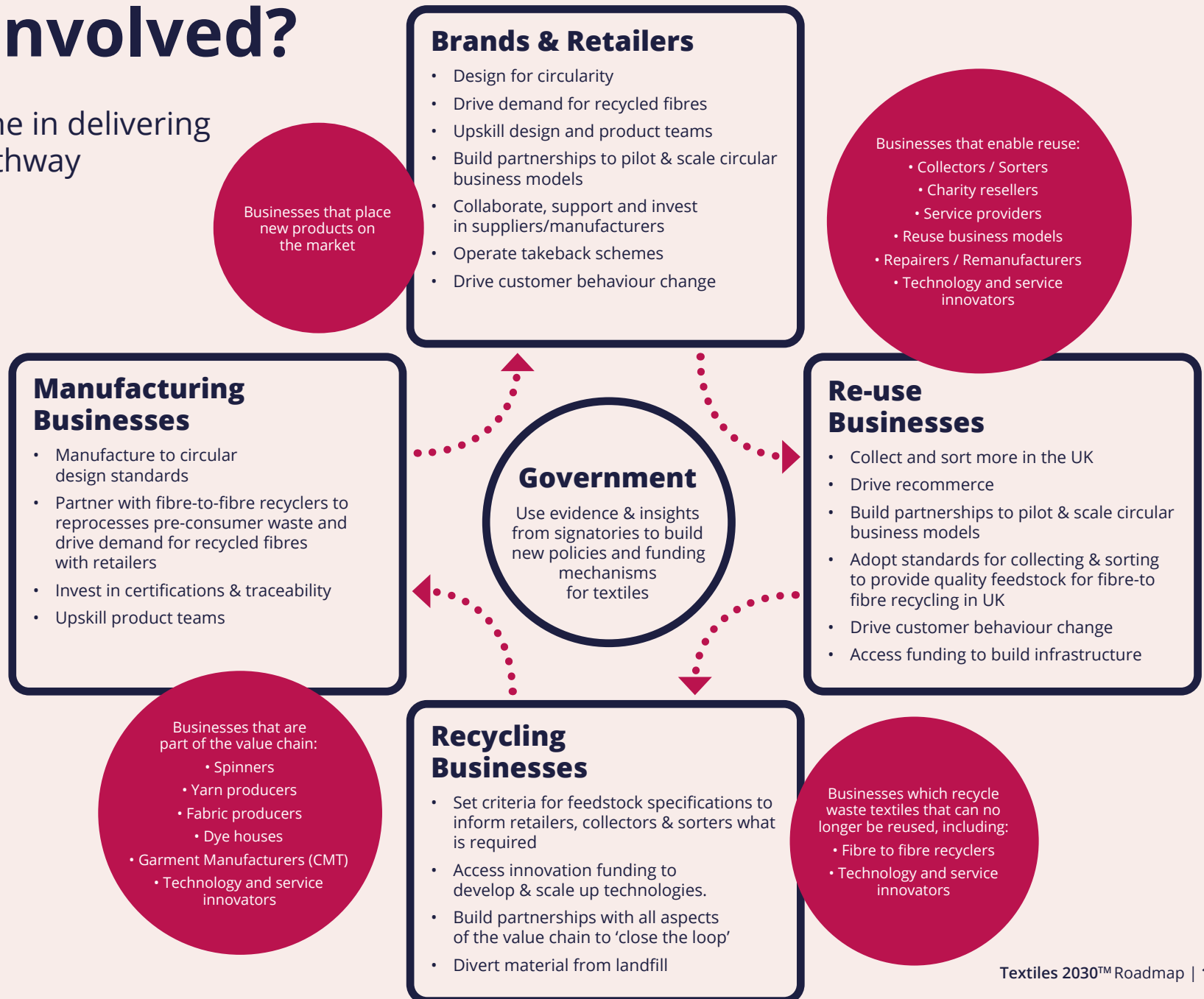
Circularity Pathway Milestones

Version 1 of this pathway provides an initial view of the activities and milestones needed to deliver circular use of textile products and materials, and will be updated as evidence is collected.

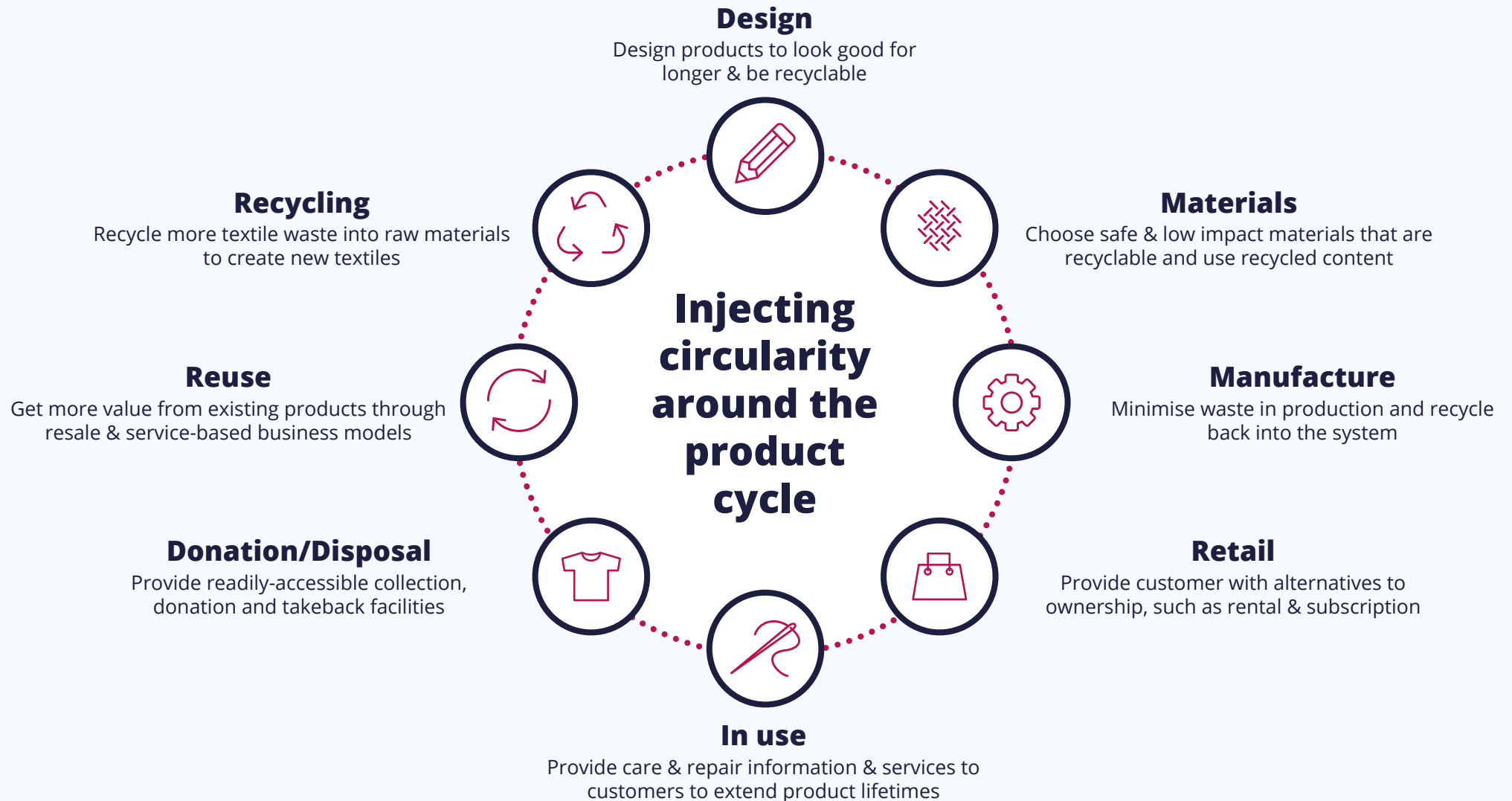


Who is involved?

A role for everyone in delivering the Circularity Pathway



Action on circularity around the product life cycle



Working together

Textiles 2030 is a UK national initiative which will help participating businesses implement change, achieve global impacts and demonstrate leadership.

We will reach out to other international initiatives to share learning and align data and measurement, helping to deliver a consistency of approach that the sector will need to achieve global goals.

Working towards
Global action



UK National
Action Plan

Working to align with
specific focus initiatives
to delivery consistency



*Engagement with the Ellen MacArthur Foundation's Make Fashion Circular initiative.

Next steps for Textiles 2030

Following the launch of Textiles 2030 in April 2021, signatories will prioritise and coordinate Roadmap activities through working groups.

Each stakeholder will adopt appropriate targets, embed relevant actions within their organisation, get involved in collaborative activities, and measure progress.

This roadmap is a living document and will be periodically reviewed and adapted to fulfil its purpose.

Join us:

Textiles 2030 is open to all businesses within the fashion and textiles value chain – including retailers, brands, suppliers, recyclers and technology innovators – through a variety of membership options.

It also involves business associations, governments, academia, NGOs and other community and sector organisations.

Joining Textiles 2030 means formally committing to its targets and activities.



To find out how you can get involved and sign up, email:

Textiles2030@wrap.org.uk

[www.wrap.org.uk/
textiles2030](http://www.wrap.org.uk/textiles2030)

Contact us



Textiles 2030 Roadmap

Version 1, published April 2021

This Roadmap was developed with oversight from the Textiles 2030 Advisory Group and input from working groups on Circularity and Metrics, convened by WRAP in 2020-2021.

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