The Microfibre Roadmap

A global commitment to work towards zero impact from fibre fragmentation from textiles to the natural environment by 2030.

	Activate			Implement				Scale			
2030 target	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Direction of travel

Aligning the sector

- 250 signatories act on the Microfibre 2030 Commitment
- Launch the Microfibre Roadmap and Microfibre 2030 Commitment
- 100 signatories
- Establish signatory fibre fragmentation baseline
- 200 signatories
- 250 signatories
- Direction of travel: Coordinated and collaborative action on microfibres across the global sector

Roadmap development

- Develop the Microfibre Roadmap
- Review and update Roadmap scope
- Review and update Roadmap scope
- Review and update Roadmap scope

Aligned Understanding

- Confirm a common language and framing of fibre fragmentation that is accessible and understood by all stakeholder groups.
- Review and re-confirm the problem statement
- Review and re-confirm the problem statement
- Review and re-confirm the problem statement

Targets and Global Rating System

- Set aspirational targets
- Establish the baseline for fragmentation
- Publish the fibre fragmentation baseline
- Refine the targets and milestones
- Develop Global Rating system
- Pilot Global Rating system with signatories
- Launch The Microfibre Global Rating System

Engagement and influence

- Launch the Microfibre 2030 Commitment and engage the sector
- Launch advisory and task groups
- Call to action to the sector: Knowledge Hub
- Call to action to the sector: Global Rating System
- Outreach beyond signatories

Reporting

- Signatories report
- TMC publishes progress
- Develop reporting requirements against a framework
- Initial signatory reporting - contribution to knowledge
- Signatory reporting - mitigation activities
- Initial aggregate report
- Publish first aggregate progress report
- Progress update
- Annual progress report and review
- Progress update
- Annual progress report
- Progress update
- Progress update
- Final progress report

Understanding fragmentation

- The Microfibre Knowledge Hub (2023) and Global Rating System (2025) are adopted across the sector by 2030
- Root cause textile research shared with signatories
- Pilot The Microfibre Knowledge Hub
- The Microfibre Knowledge Hub public launch
- The Microfibre Global Rating System launch
- The Microfibre Knowledge Hub and Global Rating System adopted across the sector
- Direction of travel: The Microfibre Knowledge Hub is recognised as the authoritative resource on fibre fragmentation

Understand and prioritise

- Identify impact priorities, correlating Roadmap value versus effort
- Ongoing literature review of research trends, gaps and opportunities

Research and Data
Test methods and research

- Identify methodology gaps and opportunities
- In depth data analysis
- Continuously appraise new topic areas and develop the associated research needed to support the knowledge hub

Develop and Share Resources
Knowledge Hub and prioritisation

- Develop and Pilot the Microfibre Knowledge Hub platform
- Launch Knowledge Hub
- Strategic development to extend Knowledge Hub resource
- Provide sector with resources applicable to all textile process steps
- Task Teams deliver deep dive content in defined topic specialities
- Biodegredation
- Mechanical Finishing
- Toxicology
- Colour
- Fibres and Yarns
- Topic open
- Topic open
- Topic open
- Topic open
- Topic open
- Topic open
- Topic open
- Support legislative conversations with science based knowledge, aligning to key policy milestones

Mitigating fragmentation

- 80% of signatory organisations adopt and implement microfibre limits by 2030
- Develop textile manufacturing resources
- Testing and reporting microfibre loss from manufacturing
- Call to action - sector use of the Knowledge Hub to mitigate fragmentation
- Signatories adopt Rating System
- 60% adoption of mitigation actions by signatories
- 80% of signatories adopt and implement microfibre limits by 2030
- Direction of travel: Global mitigation of fibre fragmentation is enabled and underway

Research and Data

- Ongoing literature review of research trends, gaps and opportunities
- Deep dive manufacturing root cause understanding developed

Develop and Share Resources

- Develop textile manufacturing resources
- Develop a standard test methodology
- Pilot a standard test methodology
- Launch Test methodology
- Publish manufacturing best practice guide Version.1
- Publish innovation best practice guide Version.1
- Evolutionary updates to the manufacturing best practice guide
- Evolutionary updates to the innovation best practice guide

Industry action

- Signatories adopt manufacturing best practise guidance
- Signatories adopt innovation best practise guidance
- Signatories begin to adopt global rating system for fibre fragmentation in manufacture
- 30% of signatory organisations adopt global rating system
- 60% of signatory organisations adopt global rating system
- Alignment/ adoption of global microfibre rating system by global manufacturing and sustainability initiatives
- 80% of signatory organisations adopt global rating system

2030 target | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030

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