### viability

Chemical Polyester

#### Recovery

- ISO defines incineration as the controlled burning of waste, often used for energy recovery.
- Durability:
  - ibid.
  - “ISO 15270:2008, 3.18”
  - “ISO 16165:2013, 2.11.1”

#### Contaminant

- Out-of-season or IP-related issues, and there is no plan for use.

### recycled materials in the loop

End-of-life becomes more detailed with the integration of economic and ecological sustainability. Sorting by fibre group will be necessary and will create more value from waste. This requires understanding how to make materials in the loop. End-of-life becomes more detailed with the integration of economic and ecological sustainability. Sorting by fibre group will be necessary and will create more value from waste.

### Estimated Recycling Scale Up Through 2030

<table>
<thead>
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<th>Year</th>
<th>Mechanical</th>
<th>Mechanical*</th>
<th>CHEMICAL POLYESTER</th>
<th>CHEMICAL POLYESTER®</th>
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<tr>
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<td>45%</td>
<td>80%</td>
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<tr>
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<tr>
<td>2025</td>
<td>60%</td>
<td>60%</td>
<td>65%</td>
<td>65%</td>
</tr>
</tbody>
</table>

### GOALS

- Partner Organizations
- 80+ circular value chain actors convened in monthly working groups.
- Interactions: 128
- Verification: 26

### INTERNATIONAL

- Industrial
- 74 million tons
- 2030: 117
- 2022: 90

### Global textile-to-textile recycling technologies

- Estimated recycling scale up through 2030
- PRE-CONSUMER
- 74 million tons
- 2030: 117
- 2022: 90

### Pre-consumer recycling

- From repairs and life-cycle assessments to fiber-to-fiber recycling.
- We extended our RR platform to include collectors, sorters and product manufacturers.
- Transition to a fashion system based on the principles of a circular economy.

### Recovery

- Recycled fibres, free of hazardous substances and produced by commercial, industrial, and institutional facilities in their role as remanufacturers.
- Workwear: 100 million
- Textile Mills: 200 million
- Industrial: 74 million
- Consumer: 200 million
- Workwear: 100 million
- Textile Mills: 200 million
- Industrial: 74 million
- Consumer: 200 million

### CLIMATE

- Workwear: 100 million
- Textile Mills: 200 million
- Industrial: 74 million
- Consumer: 200 million
- Workwear: 100 million
- Textile Mills: 200 million
- Industrial: 74 million
- Consumer: 200 million

### VISION

- Our vision is to be a sustainable fashion platform with a net-positive impact for people and the planet.
- “We need to recognize that our planet is finite, and we need to map the available feedstock.” – Louisa Hoyes, Business Development Engineer, TOMRA

### Technology for process optimization and automation

- Aggregators
- 8
- Aggregators:
- 8
- Post-industrial recovery
- 2022:
- 2025:

### Sorting for Accuracy

- Sorting by fibre group will be necessary and will create more value from waste.

### MARKET CHALLENGES

- Economic viability
- Challenges associated with this issue are significant, and for businesses.
- Transition to a fashion system based on the principles of a circular economy.
- Political level to boost circular economy infrastructure and investments in it.

### MARKET OPPORTUNITIES

- Economic viability
- Challenges associated with this issue are significant, and for businesses.
- Transition to a fashion system based on the principles of a circular economy.
- Political level to boost circular economy infrastructure and investments in it.

### PRE-CONSUMER

- From repairs and life-cycle assessments to fiber-to-fiber recycling.
- We extended our RR platform to include collectors, sorters and product manufacturers.
- Transition to a fashion system based on the principles of a circular economy.

### SCALABILITY

- Which activities?
- Transition to a fashion system based on the principles of a circular economy.
- Political level to boost circular economy infrastructure and investments in it.