

The logo consists of the text "RE&UP" in a bold, black, sans-serif font. The text is centered within a black circular outline that is open at the top and bottom, resembling a stylized 'C' or a partial circle. The background of the entire image is a dense, colorful collage of various fabric swatches, including knitted, woven, and textured materials in shades of blue, red, yellow, and grey.

RE&UP

Recycling Technologies.
Next-Gen Fibers.

**Revolutionizing
textile-to-textile
recycling**



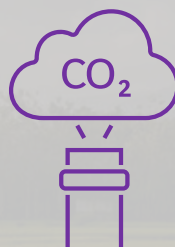
A revolutionizing and scaled technology that can transform almost 60% of all textile waste into high-quality, sustainable, price competitive, traceable and ready-to-spin recycled raw materials like cotton fibers and polyester chips.

As RE&UP, we are committed to tackling today's textile-waste problem & supporting the industry in closing the recycled material gap



> **100Mt**

textile waste in 2023, with 87% destined for landfill or incineration



> **2.5Bt CO₂**

released to produce same amount of textile in 2023



> **31Mt**

Missing supply of recycled fiber in 2030

Regulatory compliance increased for brands including EPR, green claims, eco-design & waste framework directive

Various types of blended textile waste

(i.e. production, pre-consumer, post-consumer) transformed into recycled materials

Traceable, virgin-equal & ready-to-use

materials provided without disrupting brands' existing supply chain

Competitive prices decoupled from spot prices, making recycled fibers available to brands without having to cope with volatile prices

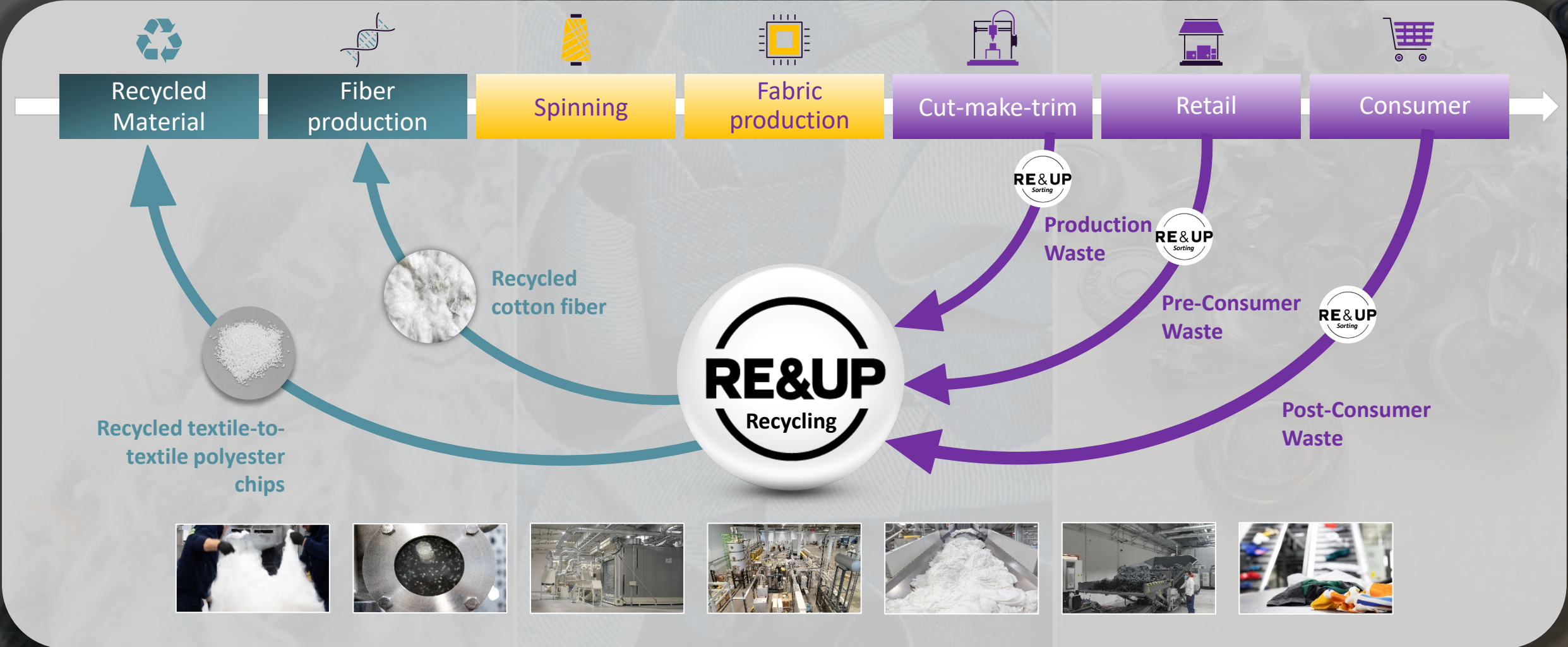
Immediate & long-term partnership

opportunity via existing capacity & expansion plan to reach >1Mt/yr by 2030



RE&UP
recognizes
urgency for
accelerated
action in
textile
recycling

A fully circular solution: RE&UP provides a one-stop solution to close the textile loop beyond recycling



RE&UP's offers
high-quality,
ready-to-use,
100% traceable
Next-Gen fibers
and chips



Recycled cotton fiber

- Mean fiber length (average): **20 mm**
- Upper half mean length (average): **26 mm**
- Dust content: **<2%**
- End use: ***OE, Ring, non-woven manufacturing***

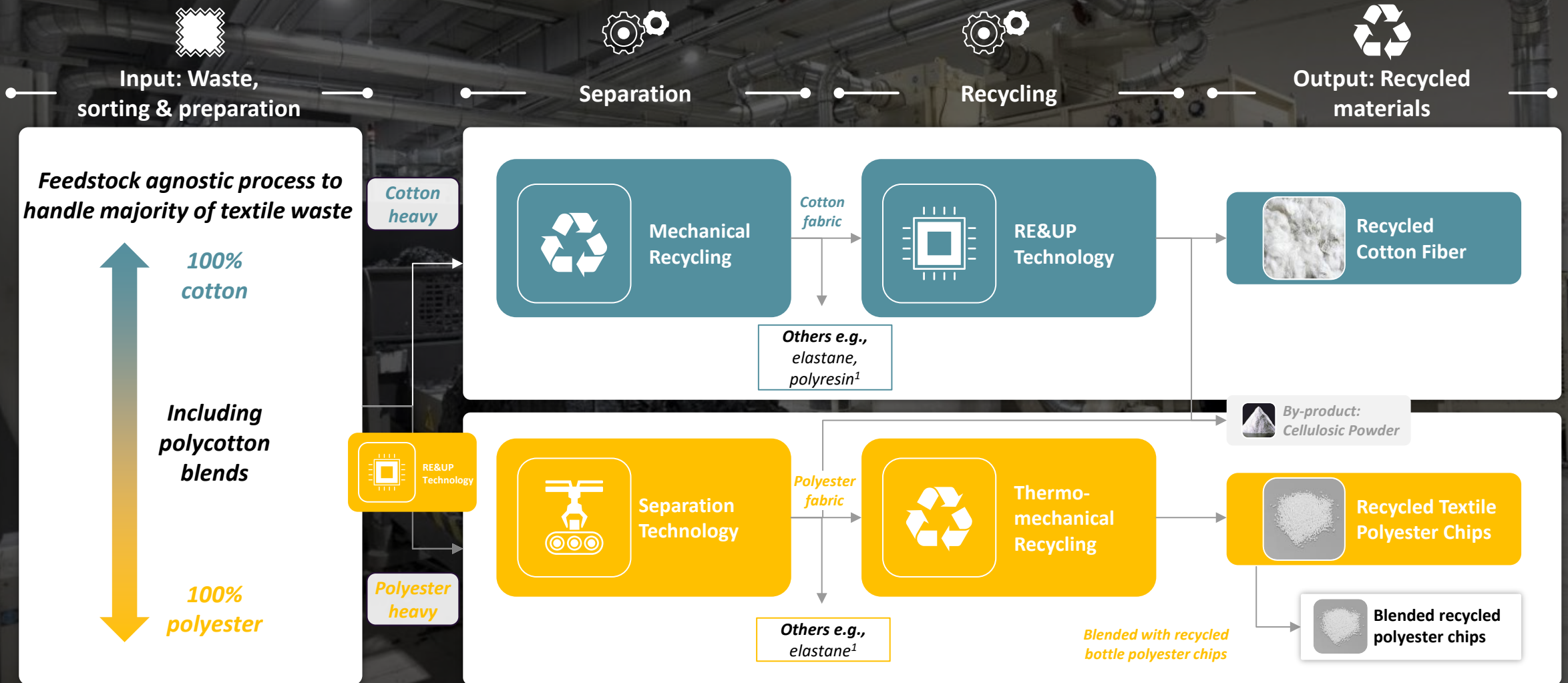


Recycled polyester chips

- Chips weight: **2.3-2.5 g/100 pieces**
- Viscosity: **0.66 dl/g¹**
- Moisture content: **less than 0.3%**
- End use: ***Polyester continuous filament yarn spinning, Polyester staple fiber spinning***

1. Viscosity of recycled polyester chips may change by ± 0.02 dl/g

RE&UP technology enables a closed-loop system aiming for zero waste





1. Technology under development for downcycling of other materials e.g., elastane, polyresin

RE&UP offers an industry-best practice process on recycling in all angles and is committed to utilize it for positive impact around the globe

Next-Gen Polyester chips vs. virgin polyester chips





 Water Use	 Climate Impact
80% less	78% less

Land Use	75% less
Freshwater Eutrophication	76% less
Fossil Resource Depletion	76% less

Next-Gen Cotton fibers¹ vs. virgin cotton fibers



 Water Use	 Climate Impact
90% less	28% less

Further 25-30% reduction is expected after Gaziantep facility stabilization with process optimization and alternative energy sources

Land Use	89% less
Freshwater Eutrophication	84% less
Fossil Resource Depletion	57% less

Commitment to drive scaled impact



Saving **>1 billion m3 of water annually** by 2028, or **2 times** the annual water consumption of Singapore



Preventing release of carbon amounting to **more than half a million ton CO2 annual emissions**



Allowing **+90 thousand hectares of arable land** (larger than the area of Singapore) to be used in more crucial purposes (e.g., food crops)

Source: Quantis analysis

Further 25-30% reduction is expected after the launch of Gaziantep facility with process optimization and alternative renewable energy resource use for steam

RE&UP is
spearheading the
textile industry's
shift to circularity –
starting today



MINIMUM ENVIRONMENTAL IMPACT

>90% less water, 89% less land use¹
Fully circular – almost no waste left during recycling
Renewable energy procurement program



TRACEABILITY [PHYSICAL + DIGITAL]

100% traceability in all RE&UP products



CERTIFICATION

GRS & RCS certificates
Bluesign for all chemicals
FDA, EFSA approval²
ISO 14001, 9001, 45001, 50001, 27001



PARTNERSHIPS

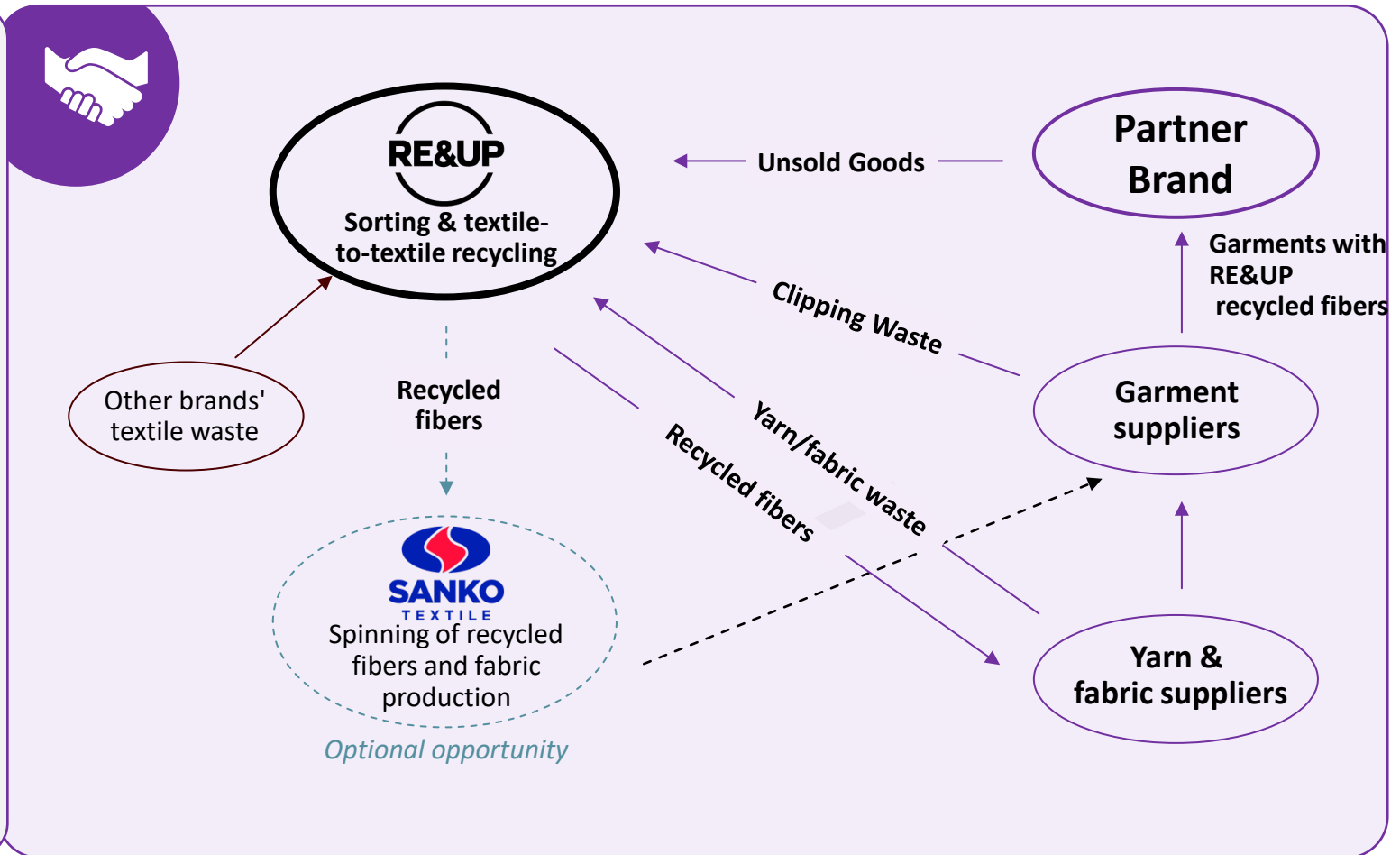
Global Fashion Agenda
Textile Exchange membership



RE&UP as one-stop solution provider for your brand's circularity ambition

 **RE&UP's feedstock approach**

-  RE&UP considers majority of textile waste as suitable feedstock
-  RE&UP most scaled recycling technology focussing on colored cotton, poly-cotton, and polyester textile waste
-  Recyclability of textile waste validated via visits of RE&UP feedstock expert and through trial



RE&UP has ambitious plans to scale its existing operations globally

>80kt/yr

operational facility for 2024



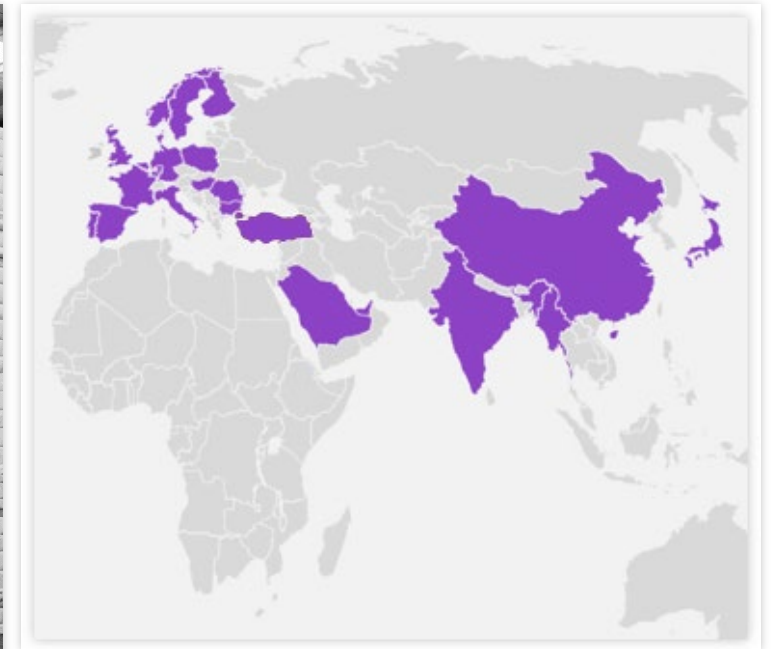
>500kt/yr

ramped-up capacity for 2028 in multiple geographies



> 1Mt/yr

targeted global capacity by 2030+



RE&UP will continue to discover new frontiers to go above & beyond

A wide feedstock handling network

We sort all types of feedstock in our sorting facilities in Turkey, including production, pre- and post-consumer waste

Through our collaborations with supply chain partners¹, we receive feedstock from many geographies

While many brands trust us for their post consumer sorting processes, we are also expanding our own post consumer sorting infrastructure in Turkey


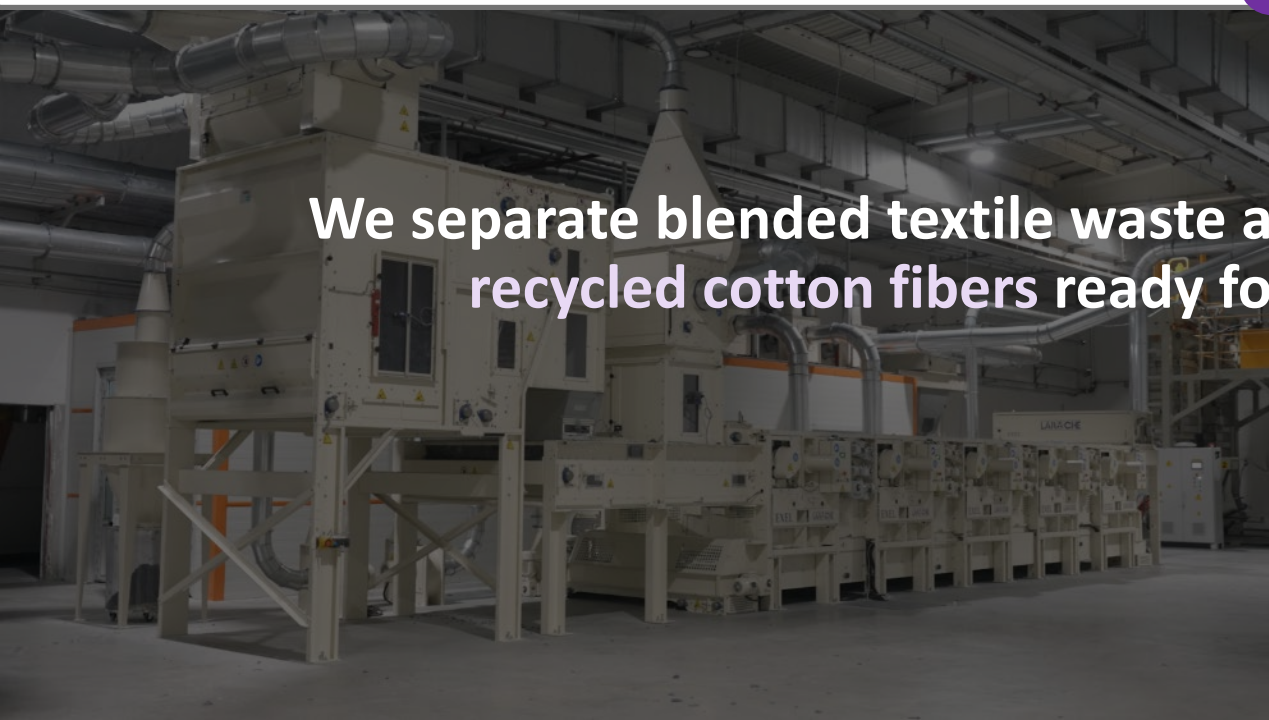
Textile-to-textile polyester recycling

We recycle polyester textile waste into Next-Gen recycled polyester chips ready for filament yarn manufacturing





Textile-to-textile cotton recycling



We separate blended textile waste and recycle it into decolorized Next-Gen recycled cotton fibers ready for spinning with 100% traceability

RE&UP processes all textile waste streams including production, pre-consumer, and post-consumer

RE&UP offers high-quality, price competitive and ready-to-use Next-Gen, recycled fibres for conventional textile industry

RE&UP reduces environmental footprint & elevates your sustainability through its carbon emission and water consumption reduction

RE&UP supports adherence to Extended Producer Responsibility (EPR) regulations, a positive impact to your regulatory exposure and costs

RE&UP enables your brand to make credible green claims through traceability, clear documentation & certification

RE&UP is the one-stop solution provider for your circularity journey



Recycling Technologies.
Next-Gen Fibers.

Connect with us to explore more about our
recycled fiber solution



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