Fiber Flow Technologies BD Ltd. which is a sister concern of Reverse Resource OU-is a SaaS platform that **digitises**, **connects** and **scales** global textile-to-textile recycling. RR digitises data on textile waste flows which enables the entire supply chain to track, trace and valorise textile waste. We connect fashion brands, manufacturers, waste handlers and recyclers to **build** the infrastructure and scale **circular supply chains**, which enables the effective management of textile waste flows.

Challenges for the Textile Waste Sector

- New **legislation and policy** changes focused on increasing recycled content in textile products, due diligence and waste management.
- The **emerging chemical recycling** industry requires low-contaminated waste at high volumes through formal supply chains.
- Demand for **digitisation** across the supply chain.
- Pressure on **brands** (by Governments, investors, consumers and other stakeholders) to increase the recycled content, and internal strategies towards the **redefinition of waste as strategic raw material**.
- **Waste handling sector** with **low levels of compliance, ingrained corruption** and lack of traceability and accountability.

Fiber Flow (FF) helps to digitises and visualises different data views to four different stakeholders as well as support in different IT services as Digital Data Entry & Processing; Digital Data Analysis; Website Services; IT help & Software Management. Currently, our mother company work with an extensive network providing them with up-to-date, actionable data that allows each stakeholder to guide, verify/trace, manage, report and recycle their textile waste.

- **Global brands monitoring their waste flows: 18**
- **Factories on the platform: 722**
- **Recyclers on the platform: 169**
- **Waste handlers on the platform: 140**
- **Textile waste registered and traced on the platform: 49,774 tonnes**

Fiber Flow

www.reverseresources.net
support@reverseresources.net

Facility

Traced vs Untraced sources

From: Jan 2021 | To: Mar 2024 | Brand share: All brand facilities | Facility country

Overview of manufacturers reporting their waste

Total number of manufacturing facilities joining the platform (active + inactive)	Number of active facilities registering waste inventory in the last 60 days	Number of active facilities registering waste shipments in the last 60 days
757	179	159

Figure 1. Total volume of textile waste, overview by the location of the manufacturer facility (kg)

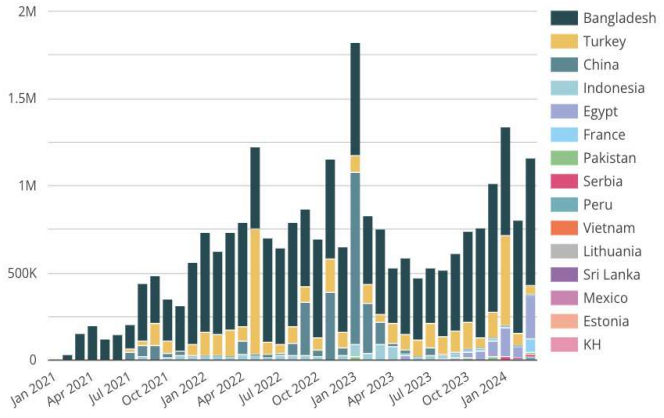
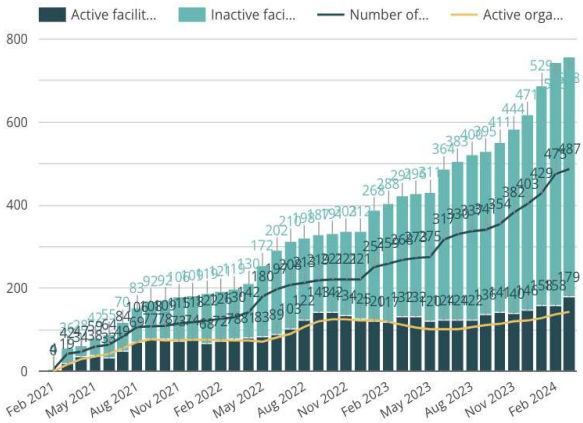


Figure 2. Number of facilities and organisations on the platform over time; active facilities have made at least one data entry in 60 days



e 11. Waste that was sent to known recyclers, overview by type of recycling (kg)

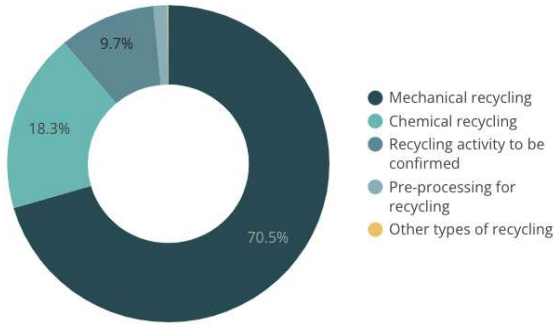
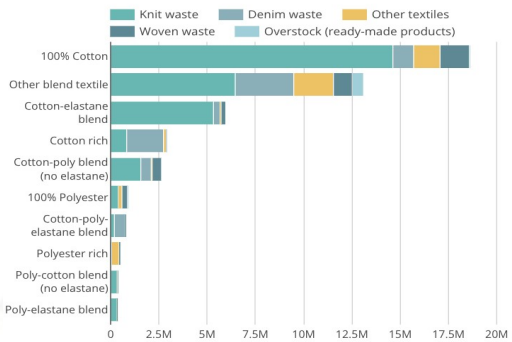


Figure 4. Key compositions & materials types of textile waste (kg)



Reverse Resources

Fiber Flow

Overview of SaaS based products:

Brand Subscription
Fixed monthly fee per facility

Include

- Dashboard of waste volumes generated by composition/colour & location
- Real-time trace of textile waste to different recycling use cases
- Access to a database of manufacturers, recyclers & waste handlers globally
- Building and managing reverse supply chain networks

Recycler Subscription + trace fee
Fixed fee for unlimited facilities
+ Trace fee per kg

Include

- Access to pre-segregated, premium-quality, traceable, textile waste to enable cost-efficient feedstock supply chains.
- Digitisation of waste flows to:
  - Support the certification process for GRS certification.
  - To enable, manage and report on brand waste and recycled products.
- Co-develop industry-standard approach to compliance in the waste handling sector.

Manufacturer Subscription
Fixed monthly fee

- Inventory tool for textile waste management.
- Verification and trace of waste from factory to recycling.
- Dashboard and data for internal and external (brand/ marketing) reporting
- Evidence of improved HIGG scores.
- Matchmaking of waste to best recycling use case.

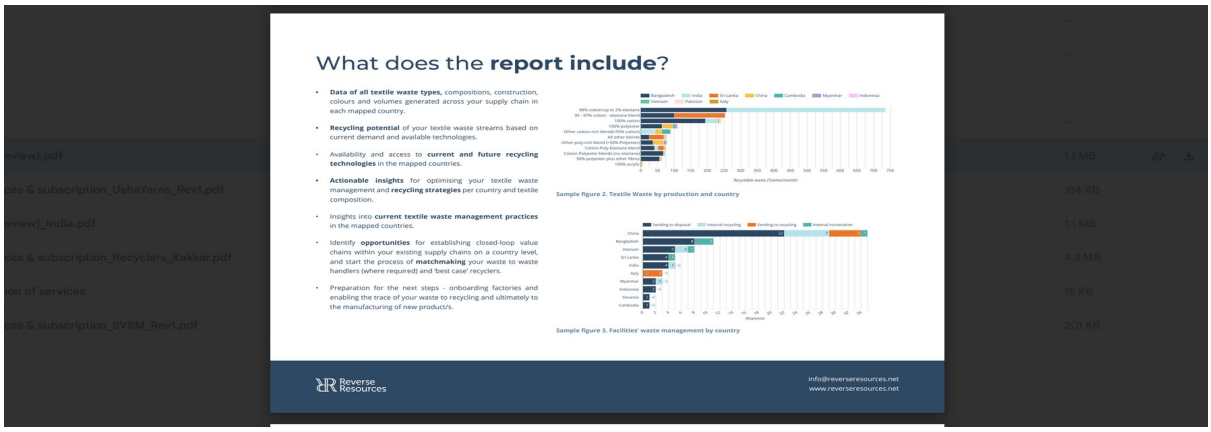
Waste Handler subscription + trace fee
Fixed fee for unlimited facilities
+ Trace fee per kg

- Become a formal actor/service provider to the textile industry
- Tool to quantify, inventorise, and trace textile waste generated in a supply chain.
- Real-time data of textile waste volumes across supplier networks.
- Code of Conduct and support to improve compliance levels.

Overview of dynamic, once-off Reports:

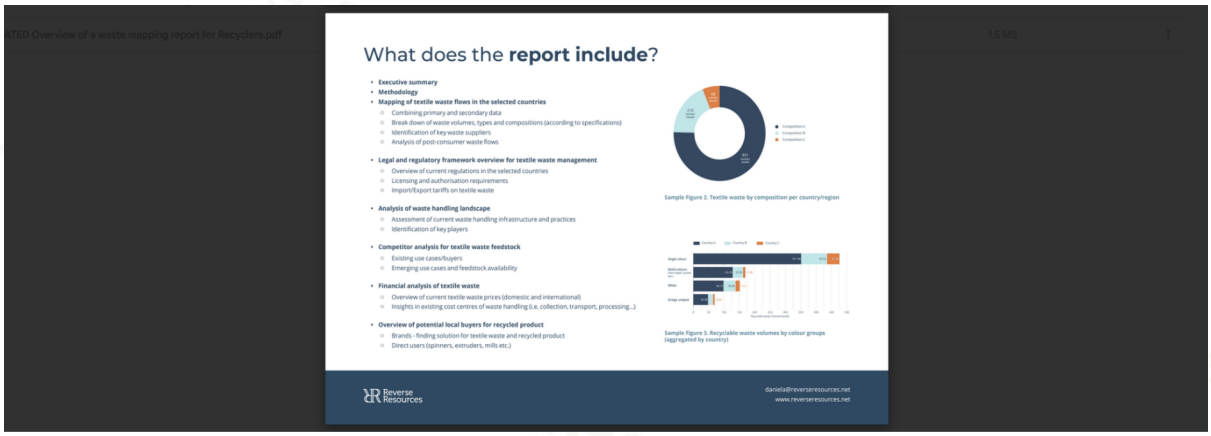
Brand Waste Mapping Report

This comprehensive report serves as the baseline for Brands to develop strategies centred on circularity and effective textile waste management. With key insights on post-industrial textile waste volumes, composition, locations, destinations, and recycling potential it provides Brands with the necessary data to meet sustainability targets and stay on top of upcoming legislations.



Recycler Waste Mapping Report

From building crucial feedstock supply chains to providing multiple analyses including financial, competitor and the waste handling landscape; this report empowers recyclers to scale recycling strategies and make informed investment decisions in regards to the establishment of new recycling plants.



Collaboration between FF and customer:

Customer can provide an integrated portfolio of assurance, testing, inspection and certification across many products, services and operating systems to a host of industries.

Customer and Fiber Flow believe there to be an opportunity to deliberate on providing the FF products/solutions to fashion brands, textile factories, waste handlers and recyclers across customer's network. (Textile waste is now recognised as a resource).

Collaboration between FF and customer will not only allow customer **first mover status** but also provide customer's client base with the following benefits:

- **Cutting-edge technology to trace/verify textile waste**
- **Enable brands to reach their textile recycling targets**
- **Comply with emerging legal regulations**
- **Valorisation of textile waste**
- **Support carbon reduction targets**
- **as well as support in different IT services as Digital Data Entry & Processing; Digital Data Analysis; Website Services; IT help & Software Management.**

Reverse Resources