



Re_fashion

MATERIAL SORTING & PREPROCESSING AND RECYCLING EXPERIMENTS

Rules of Refashion Experiments

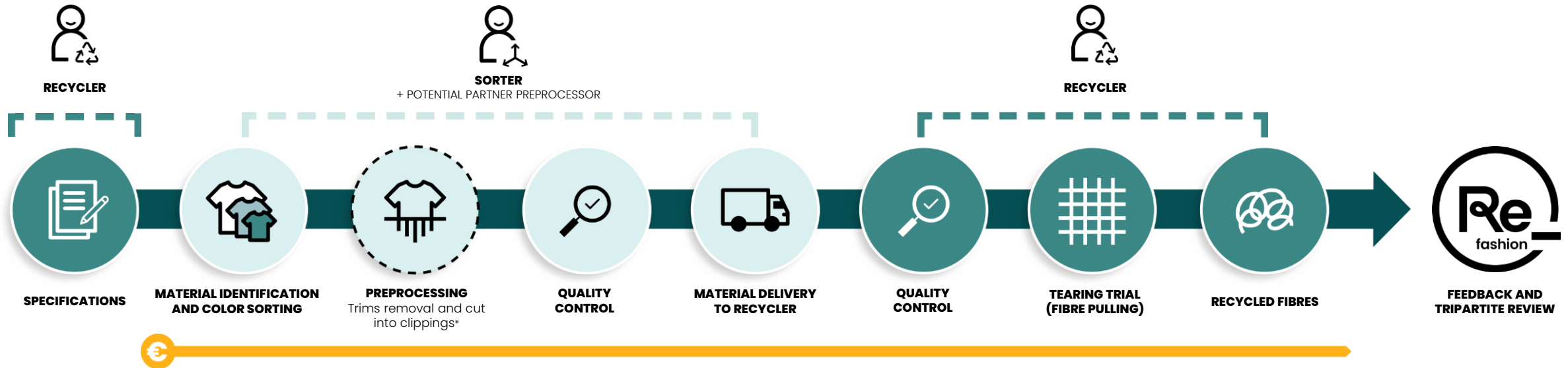
Recyclers

Stages of a Material Sorting & Preprocessing and Recycling Experiment

Example: material sorting and preprocessing of non-reusable post-consumer textiles to obtain fibers

The aim of the experiment is to test the preprocessing of non-reusable post-consumer textile or footwear feedstock according to the recycler's specifications, with a view to recycling the material thus preprocessed.

Recyclers' specifications are made available only to sorters & preprocessors registered on the **Refashion Recycle** platform.



Refashion funds the experiment and monitors exchanges between the experiment participants

Terms and conditions for launching an experiment



Complete and stable material specifications

The Recycler must be able to provide:

- 1) On the Experiments Area of Recycle, one or more **complete and stable material set(s) of specifications** – /!\ No changes allowed to material specifications after the start of the experiments.
- 2) *If the recycling experiment is eligible for Refashion funding*, a **completed annex** to the contract detailing the methodology and costs of the recycling trial.



2 sorters minimum

In order to launch an experiment, a **minimum of 2 material sorting & preprocessing operators*** must have chosen a same set of material specifications.



Feedback on the received batches


The recycler undertakes to carry out a **quality control on the received material batch** and to provide **detailed feedback to the material sorting & preprocessing operator****.

Each operator's identity shall remain confidential to the other participating operators..

*Only material sorting & preprocessing operators registered on the [Refashion Recycle platform](#) can access to the Experiments Area with the material specifications ; these are **confidential and shall not be shared**,

Before operators pack and send the prepared material batch, it is strongly recommended that **recyclers check the prepared material on-site or through pictures to ensure its conformity.

2 specific cases for the experiments

<div> <div>  Receipt of sorted and preprocessed material following material specifications </div> <div> <div>1. Material compliance test</div> <div>OR</div> <div>2. Recycling trial</div> </div> </div>		
Recycler commitment	Recyclers undertake to assess the quality of the material received and provide feedback to each operator based on the shared specifications	Recyclers undertake to carry out a recycling trial following the method detailed in the annex to the contract signed with Refashion, and to assess the quality of the material received and provide feedback to each operator based on the shared specifications
Refashion's reimbursement of incurred costs	<div>✗ No funding</div> <p><i>In case the recycling facility is located outside the EU or of a low TRL recycling technology => receipt of prepared material batch <u>free of charge</u> (covered by Refashion) to test material compliance (tests' costs borne by the recycler)</i></p>	<div>✓ Refashion funding within a validated limit*</div> <p>Recycling trial and quality control(s) are funded by Refashion within a validated reimbursement limit:</p> <ul style="list-style-type: none"> • based on forecasted costs prior to the experiment (quote to be provided) • on submission of invoices post-experiment.
Admin	Signature of a simple experiment agreement with Refashion	Completion and signature of a contract and its annex detailing the methodology and costs (quote) for recycling operations and upstream and/or downstream quality control.

* Refashion reserves the right to approve funding for each operation and validate the amount of the reimbursement limit after review of the completed annexes by recyclers.

Material specifications



Re_fashion Submission of specifications

1 Framing 2 Form A - G 3 Confidential questions

A - Material composition

Targeted material(s) composition (specify the minimum rate in %) (ex: ≥90% cotton)

Others fibers accepted (specify the maximum tolerance threshold in %) (ex: 2 to 5% maximum elastane)

Fiber types to exclude (ex: Lurex)

B - Colors

Do you want a color sorting? ☒ No

C - Products / fabric structures

Preferred fabric structures (ex: woven or knit)

Fabric structures to exclude (ex: jersey knit (thin gauge))

Any preferred products (ex: shirts, pants, jackets)

Back

Confidential Document

Recycle Re_fashion

Distribution restricted to material sorting and preparation operators from Refashion Recycle

As part of the Refashion experiment, non-reusable post-consumer textiles only

Input Specifications :

	Minimum quantity for experimentation (in kg)	
	Projected long-term volume (in T/year)	
	Type of recycling operation and processed material application(s)	
A	Material composition	
1	Targeted material(s) composition (specify the minimum rate in %)	e.g.: 90% cotton
2	Others fibers accepted (specify the maximum tolerance threshold in %)	e.g.: 2 to 5% elastane
3	Fiber types to exclude	e.g.: Lurex
B	Colors	
1	Specify any desired colors (please provide a color chart for color sorting)	
C	Products / fabric structures	
1	Preferred fabric structures	e.g.: large knit
2	Fabric structures to exclude	
3	Any preferred products	e.g.: shirt, pants, jackets
4	Products to absolutely exclude	e.g.: printed t-shirts, technical products with coating, etc.
D	Trims removal / Disassembling	
1	Hard points (buttons, zippers, etc.)	e.g.: oui 100%
2	Labels	e.g.: oui 100%
3	Seams	e.g.: no
4	Others	e.g.: yes all decorations
E	Others specifications	
1	Desired product format	e.g.: full garments, clippings, etc.
F	Packing	
1	Desired packing (specify a maximal weight for big bales)	e.g.: big bales 400kg
2	Palletization	

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Material specifications must strictly address post-consumer household textiles or footwear (*no professional workwear / footwear*).

The specifications must be submitted to the [Experiments Area of Recycle](#). A user guide is available [here](#).

The specifications must be completed **as accurately as possible**, to avoid any misinterpretation from material sorting operators and preprocessors.

Do not hesitate to provide with any supporting documents (such as pictures) to help with the identification of appropriate post-consumer feedstock.

Once sets of specifications have been published, they may not be changed. Indeed, interested sorters adjust their methodology and costs accordingly.

Refashion reserves the right to select material specifications according to the following criteria:

1. Feedstock availability
2. Recycling application prospects
3. Material specifications stability

It should be noted that Refashion regularly organises experiments' campaigns; specifications that have not been selected for a given campaign may be selected for a future one.

Support and monitoring of the experiments

With the support of consultancy Deloitte



Kick-off meeting*

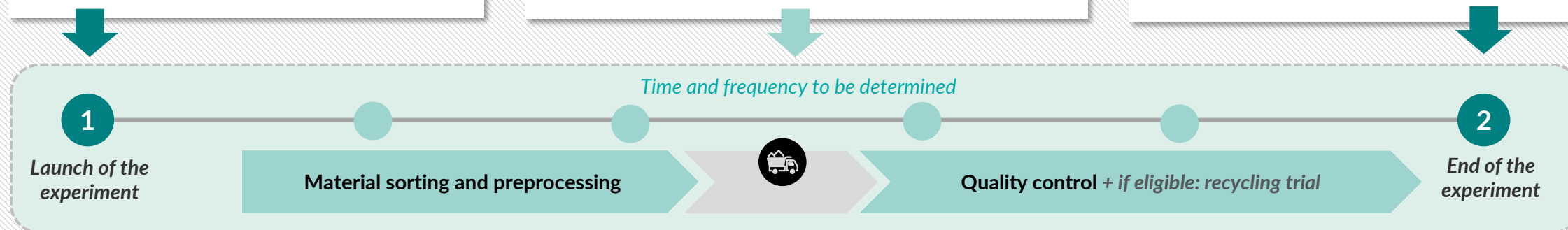
- **Time:** 30min
- **Participants:** sorter/ preprocessor + recycler + Refashion/Deloitte
- **Objectives :**
 - Experiment conditions: specs, planning, contact persons, data to collect
 - Questions & answers

Follow-up meetings

- **Time:** 15 to 30min (depending on the needs)
- **Participants:** Refashion/Deloitte + Recycler
- **Objectives :**
 - Experiment progress monitoring and identification of any potential difficulties
 - Questions & answers

Assessment meeting

- **Time:** 45 min
- **Participants:** sorter/ preprocessor + recycler + Refashion/Deloitte
- **Objectives :**
 - Presentation of the results by the recycler
 - Discussion, questions & answers
 - Next steps



Before the launch of the experiment

- ☐ Completed annex (if applicable for recycling trial)
- ☐ Completed contract or agreement

At the end of the experiment

- ☐ Return the completed **Feedback file**
- ☐ Send the experiment **invoice** (if applicable for recycling trial)

*The kick-off meeting will be organized once the contract has been signed by the operator and the recycler

Any questions?

Consult the documents available [here](#) or
contact experimentations@refashion.fr

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