



Re\_fashion

# INNOVATION CHALLENGE 2020

**TO OPTIMISE TEXTILE AND FOOTWEAR RECYCLING AND  
ACCELERATE THE INDUSTRY'S CIRCULAR DEVELOPMENT**

Eco TLC becomes  
**Re\_fashion**

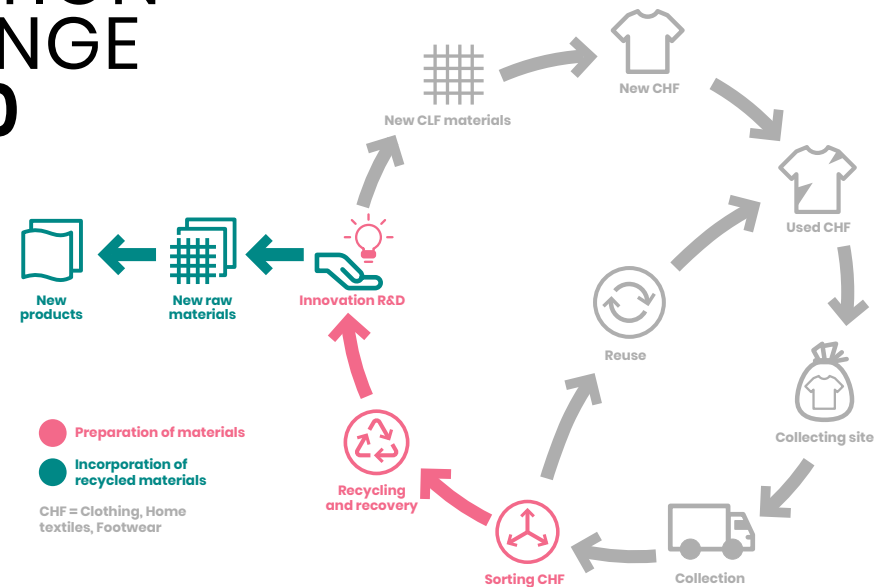
## Re\_fashion INNOVATION CHALLENGE 2020

### A DUAL MISSION

- To find and scale up innovative industrial and commercial solutions that optimise textile and footwear recycling
- To accelerate the development of a more circular industry in synergy with other sectors with a demand for recycled materials (building, automobile, etc.)

### THE ISSUE:

How to recover 100,000 tonnes per year of used non-reusable textiles and footwear by turning them into new materials



## TWO STRATEGIC AREAS AND TRL 4-6 TARGETED FOR PROJECTS SUPPORTED BY THE INNOVATION CHALLENGE

**1. PREPARATION OF MATERIALS** derived from used textiles and footwear:

- Sorting techniques, methods for characterising, separating and preparing materials
- Optimising reverse logistics and scaling up material deposits

### 2. INCORPORATION OF RECYCLED MATERIALS

from textile/footwear waste within products for other sectors (building, automobile, etc.)

- Creating recycled materials that can be used by several industries (e.g.: plastic pellets, flocking material)
- Creating products (non textile nor footwear)

### Technology readiness level (TRL)

Not eligible Research	1	Upstream research / Basic principles observed
	2	Technology concept formulated
	3	Experimental Proof of Concept
Eligible Development	4	Experimental prototype (lab validation)
	5	Demonstration prototype (in relevant environment)
	6	Industrial system prototyping (relevant environment)
Not eligible Deployment	7	Industrial demonstrator (operational environment)
	8	Complete and qualified system
	9	Commercialised system (operational environment)

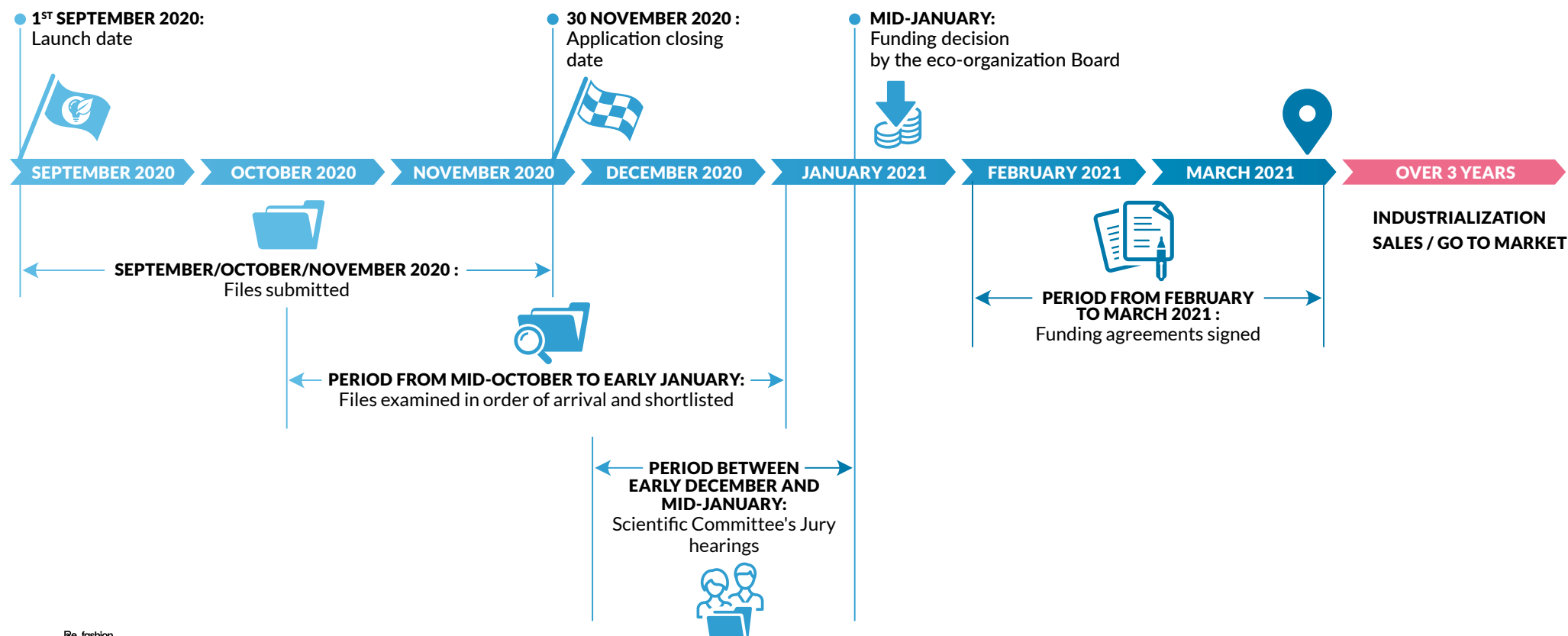
## OUR ADVANTAGES

- Open to everyone (in France and Europe: consortiums, companies, individuals, associations, etc.)
- The Innovation Challenge funds of at least €500K per year, without shareholding requirements or royalties
- A Scientific Committee made up of recognised experts from the industry
- 52 projects supported and monitored since 2010 [\[CLICK HERE\]](#)

## PLEASE NOTE!

- The Innovation Challenge is **ONLY** applicable to used non-reusable Clothing, Home textiles and Footwear derived from domestic consumption (see Rules)
- The eco-organization's funding shall not exceed 50% of the project's total cost

## KEY STEPS





## EXAMPLES OF ELIGIBLE EXPENSES

- Staff costs related to project implementation
  - Subcontracting expenses, provided that the cost of these services is less than or equal to 50% of the total project cost
  - Expenses for project support, engineering, environmental assessment, transportation, etc.
- For further details, refer to Rules



## SUPPORT

- Applicants are invited to read and download the various studies carried out by the eco-organization and other organizations

### Annual reports and studies

- They can also consult the details of R&D projects supported by the eco-organization since 2010 in its annual magazine, Innovation

### Innovation Magazine



## SUPPORTING MATERIALS FOR INNOVATION CHALLENGE 2020

### 1. INNOVATION CHALLENGE 2020 PRESENTATION

- This document in PDF format

### 2. APPLICATION FILE (4 documents to be completed)

- RULES in PDF format to be signed and returned
- PROJECT DESCRIPTION in Word format
- FINANCE TABLES in Excel format
- 1-PAGE SUMMARY in PDF format

