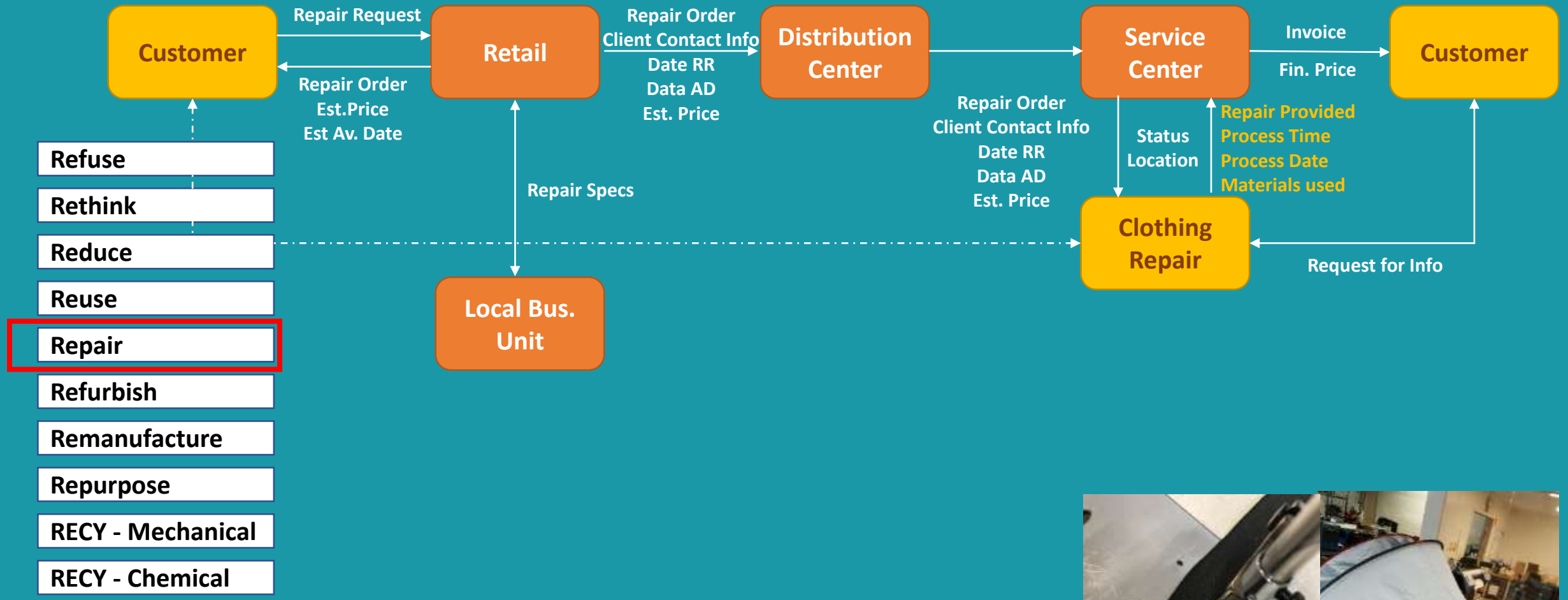
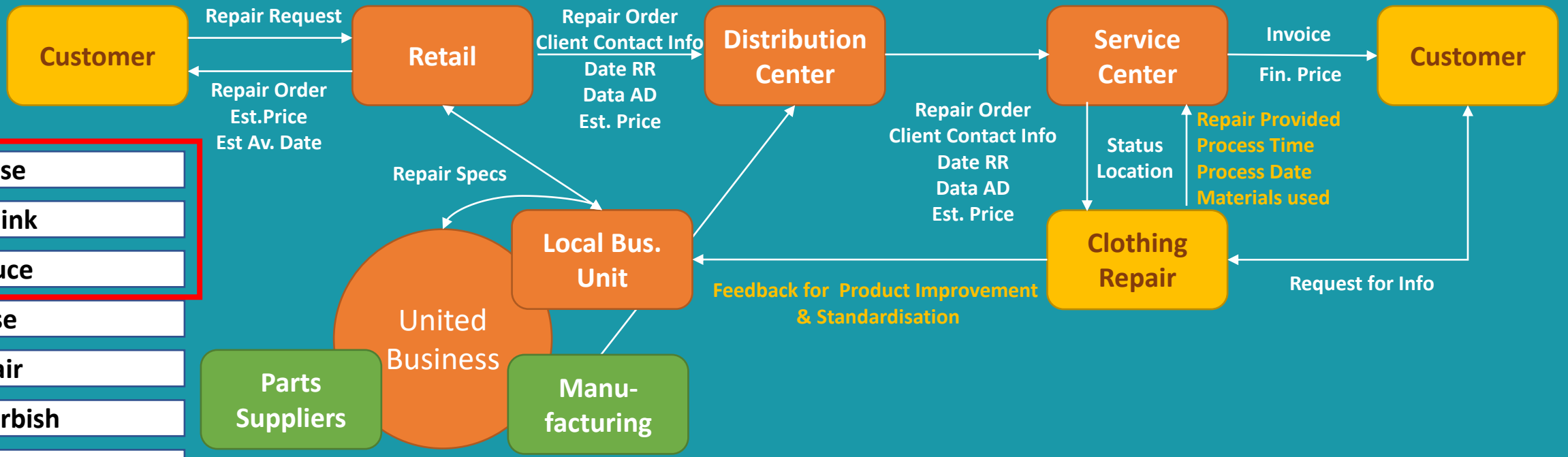
Cilab R-activities

12 – 04 - 2023


Customer
Repair Request
Repair Order
Est.Price
Est Av. Date
Retail
Repair Order
Client Contact Info
Date RR
Data AD
Est. Price
Distribution Center
Service Center
Invoice
Fin. Price
Customer
Repair Order
Client Contact Info
Date RR
Data AD
Est. Price
Status
Location
Repair Provided
Process Time
Process Date
Materials used
Repair Specs
Clothing Repair
Request for Info
Local Bus. Unit
Refuse
Rethink
Reduce
Reuse
Repair
Refurbish
Remanufacture
Repurpose
RECY - Mechanical
RECY - Chemical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Local Bus. Unit
Clothing Repair
Feedback for Product Improvement & Standardisation
Request for Info
United Business
Parts Suppliers
Manu-facturing
Refuse
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RECY - Mechanical
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Eco-Design Requirements (DPP)

Durability	**Resistance to stress or aging mechanism (eg washing cycles)**	Post Consumer Recycled Content (PCR)	Min content of PCR material in product
	Min. durability of function (colour, sizes)		Min content of PCR material in packaging
	Repairability scoring index/label		
	Availability of Repair information and maintenance instructions		
	Repair information	Recyclability	Ability to separate the product into different materials
	Spare part availability		Choice of materials and restrictions on substances (eg. Combination of fibers, flame retardants)
	Spare part delivery time		
	Disassembly related to skill level		Condition for the access to product data relevant for the recycling, including dismanteling information
	Number of materials and components used		
	Modularity, transformability, detachable/adjustable elements		Recyclability scoring label (in terms of recycled cotton, wool, polyester, rubber or viscose (depending on the product-specific composition)
	Possible lifetime of the textile or footwear		
	How to manage the textile or footwear at the end of its lifetime		

Take back Request

Customer

Take back Note

Retail

Disposal Order

Distribution Center

Disposal Order

2nd life Center

Invoice

Reset

Repair ORDER
For 2nd life

Repair Provided
Time
Materials used

Business Unit

Feedback for Product Improvement
& Standardisation
Feedback on reuse applications

Clothing Upcycling

Request for
PC jackets

Service Center
Print Shop

Service Center
Washing

- Refuse
- Rethink
- Reduce
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- Repair
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Pre-consumer

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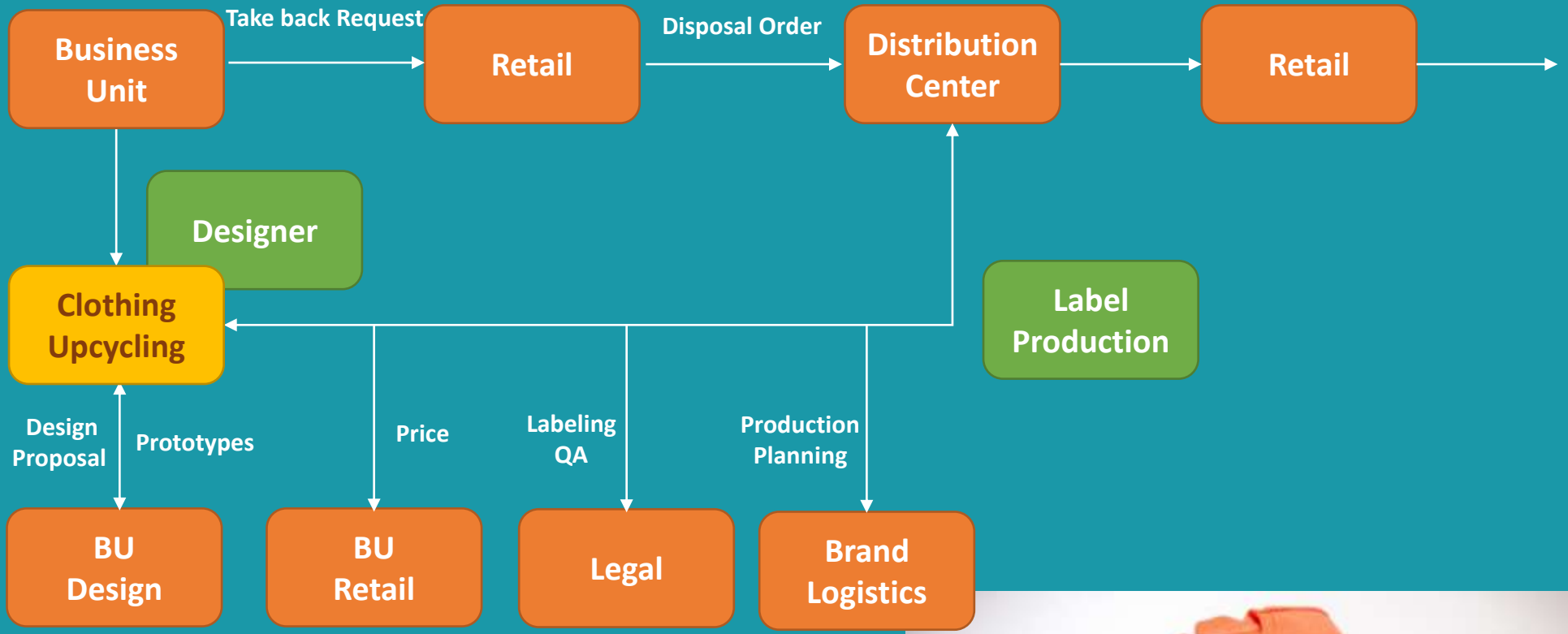

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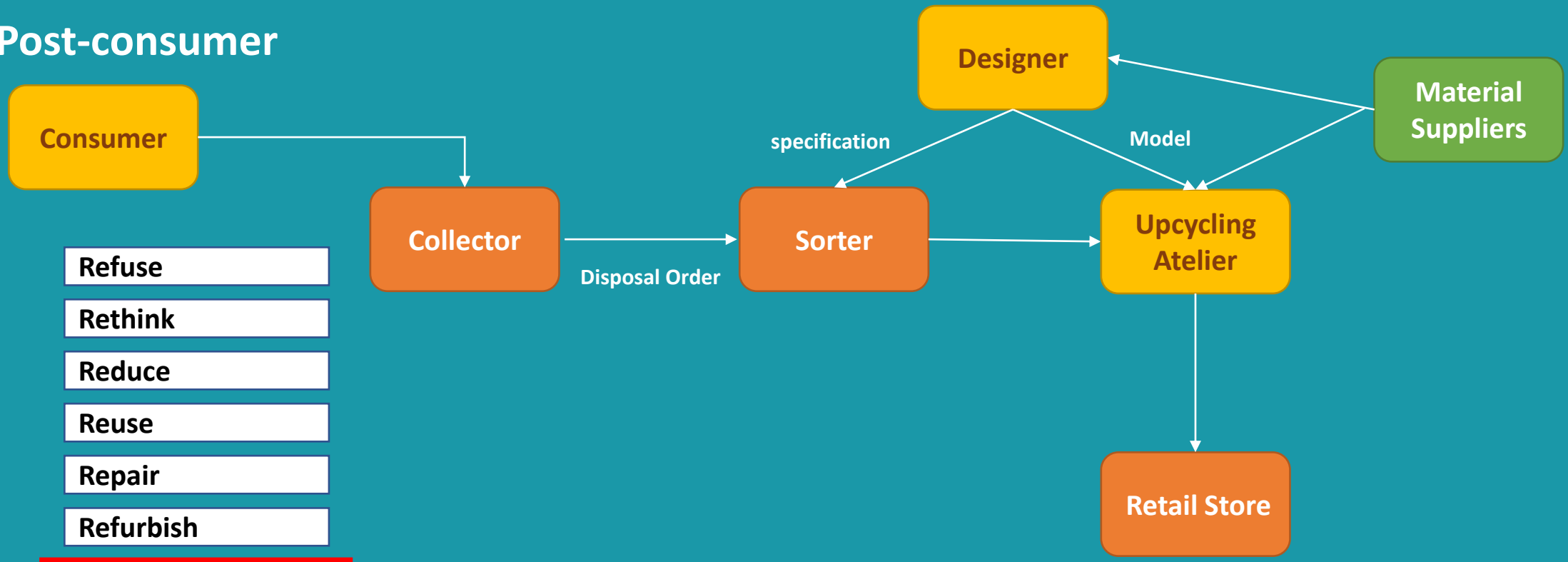
Post-consumer



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Performance Requirements	Minimum recycled content in textiles and footwear
	Max. Limit of water consumption related to the production of cotton
	Max. limit of water consumption per kg or unit of product
	Max. limit of chemical consumption related to the production of one kg or unit of product
	Design for reliability (shed-resistance to release of microplastics)
	Design for minimising water consumption during the use of the product
	Max limit of fertilisers, pesticides and insecticides to the production of cotton
	Min. content of materials with sustainability certification per kg or unit of textiles and footwear
	Design ensuring easy recyclability of the product at the end of its useful life
	Design ensuring durability of the textile products and footwear
	Maximum level of GHG emissions by kg of product or item of clothing produced
	Limiting the number of materials used in a product
	Use of component and material coding standards for the identification of component and materials in clothing items
	Use of standard components for those parts that are prone to break
	Availability of guarantees to remanufactured clothing items
	Use of modular design in clothing items
	Max. level of energy consumed by kg of product or item of clothing produced
	Restricting the use of certain materials or manufacturing practices
	Min. durability of the product (during under normal conditions of use)
	Min. reliability (eg. Resistance to shrinkage/weathering)

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Métisse®
L'isolation durable

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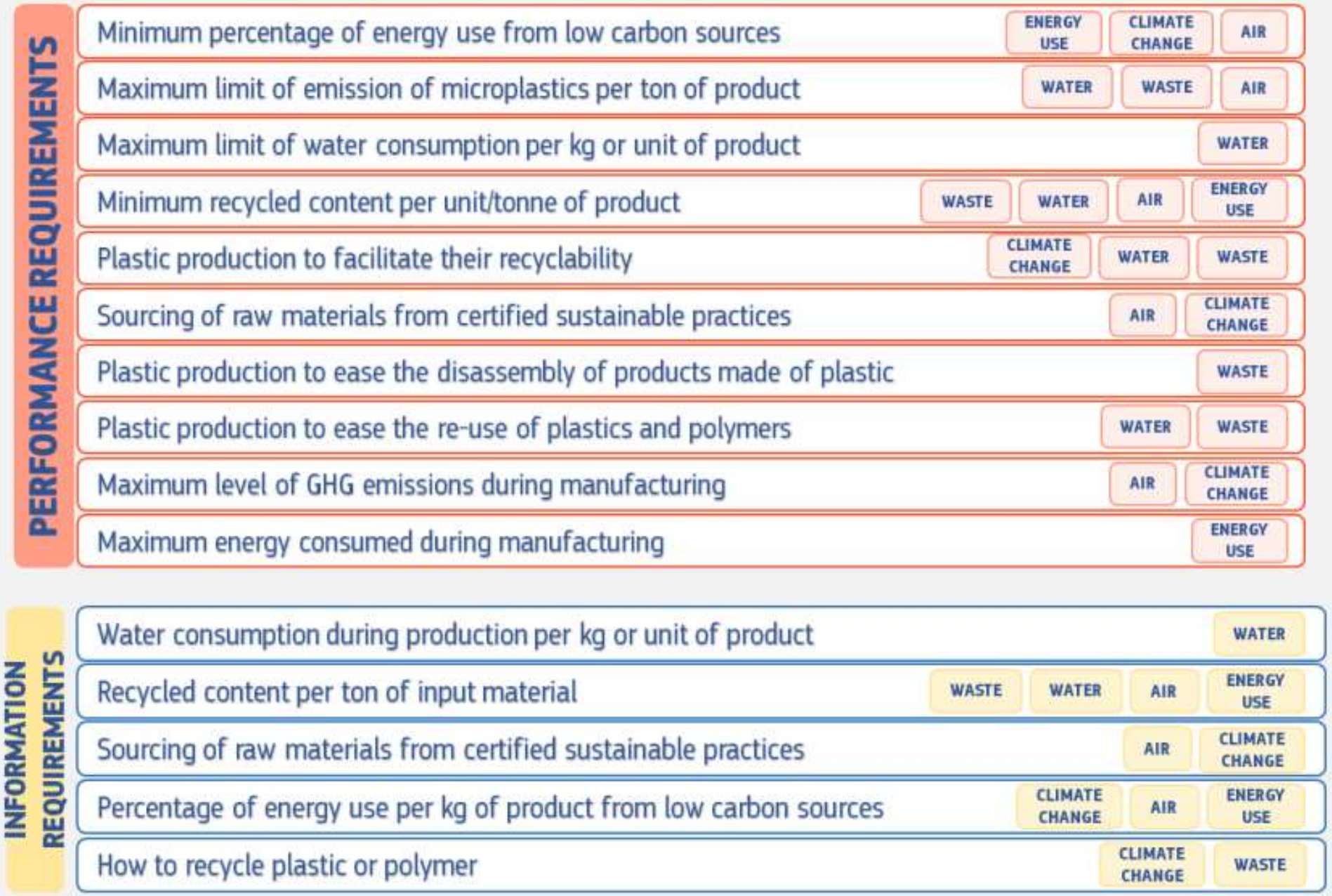
Summary of potential measures to reduce environmental impacts



Designer

Material Suppliers

specification

Model

Consumer

Collector

Disposal Order

Sorter

Upcycling Atelier

specification

Mechanical Recycler

Chemical Recycler

- Reuse
- Repair
- Refurbish
- Remanufacture
- Repurpose
- RECY - Mechanical
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Construction

Automotive

Textile

Packaging