

ZERO WASTE TEXTILE WORKSHOPS

**STOP BUYING
START MAKING**



APPRAISAL

Fashion industry is the second most polluting industry

5 millions of tonnes of clothes are produced every year

4 million of clothes are thrown every year

only 1/4 of clothes are recycled

Clothes are only wear 7 to 10 times in their lifetime



WHY

Fast fashion is producing clothes low prices and in large amount

Seasonal collections are becoming weekly collections (up to 13 collections a year for Zara)

Consumers are using fast fashion clothes as disposable clothes, the clothes don't have values anymore

Shopping is seems as a reward for the every days sacrifices and is a activity to do with friends or with family even if it's not a need



SOLUTIONS

Creating DIY workshops as alternatives to fast fashion and fashion industry wastes.

By connecting technology, creators and users it is possible to create nice, cheap and zero waste alternatives to buying new clothes.

Clients are buying new clothes because they want the most fashionable ones.

By giving them the chance to upgrade old clothes with designers creations they get a upcycle and upgrade clothes.

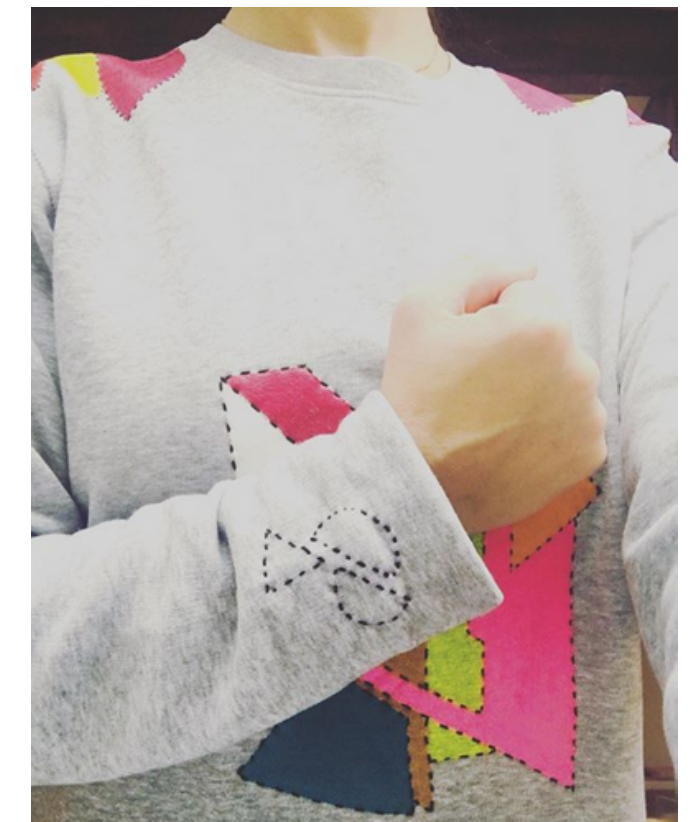
Technology can help make upcycling quick, easy and modern.

The workshop is a nice activity that can be done with friends or family



LILLSTREET
ART CENTER

EST. 1975
CHICAGO



MATERIAL

Creating workshop using the leftovers of a Brussel's upholsterer and only this material to create 3 zero waste workshop and fablab machines



WORKSHOP 1: LASERCUT PATCH

#1 Collect extra fabric stock from creators

#2 creates forms with a designer

#3 Put double sizes fabric adhesives on the fabric wastes

#4 Laser cut the forms on the fabric

#5 Iron the form on the clothes

Extra pieces rest from the workshop are use to make boxes to enable DIY clothes upcycling at home



WORKSHOP 2: OLD CLOTHES INOT ZERO WASTE ACCESSORIES

Different possibilities :

Weaving
Biocomposite
Sewing

From extra fabric and fabric waste

To make :

Tissue
Beewraps
Grocery bags
Table cloths



WORKSHOP 3 : BISTABLE AUXETICS BAGS

#1 Collect extra fabric stock from creators

2# laser cut the fabrics with the bistable auxetic pattern

#3 Sew the fabric to make a bag

Using the bistable auxetics theory to give stretchable properties to fabrics and use it as bags



OUTCOMES

Tutorials :

For each workshop a detailed tutorial will be done
This tutorial will include video presentations and step by
step
It will explain the fabrics that can be used for every use

Live workshops :

Live workshop with consumers

ATTENDED RESULTS

Benefits :

- Sensibilize about fashion waste
- Reduce fast fashion consumption
- Improve autonomy
- Knowledge sharing
- Connect local creators and consumers

Know how :

- Laser cutter
- Embroidery machine
- Sewing machine
- Weaving
- Biocomposite
- Embroidery software
- Drawing software

STAKEHOLDERS CONSULTATION

Creators :

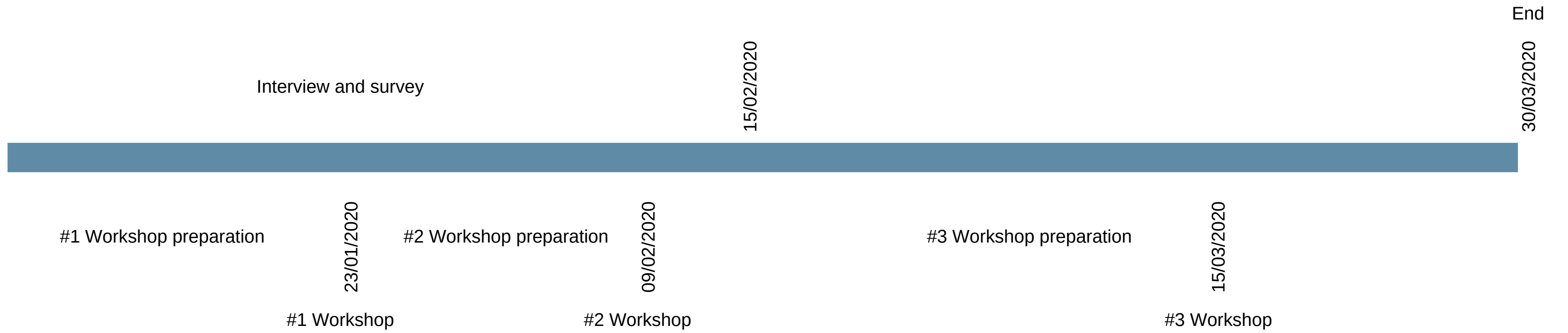
Different interviews were leads with creators to get to know what were their needs

10 creators

Consumers :

Online survey

TIMING



WORKSHOP 4 : EMBROIDERED CLOTHES

#1 Collect extra fabric stock from creators

2# creates drawing with a designer

#3 Embroidered the clothes

Embroidery can be a way of expression and quotes or drawing can be choose by the clients

