

# RECONSTRUCTION



RECONSTRUCTION

# INTRODUCTION TO TEXTILE WASTE





## ANNUAL PRODUCTION OF TEXTILE WASTE IN CHINA

**> 20m  
tonnes**

WHAT ARE THE ISSUES SURROUNDING TEXTILE WASTE?

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**1.13m  
tonnes**

END-OF-LIFE CLOTHING ARE NO LONGER  
WANTED BY UK CONSUMERS EACH YEAR

|

**350k tonnes  
= £140m**

ARE SENT TO LANDFILL



IN THE EUROPEAN UNION

**9.4bn  
tonnes**

OF TEXTILE WASTE ARE EITHER  
LANDFILLED OR INCINERATED  
EACH YEAR



## PRE-CONSUMER WASTE

is made up of manufacturing waste that has not reached the consumer.

WHAT ARE THE ISSUES SURROUNDING TEXTILE WASTE?

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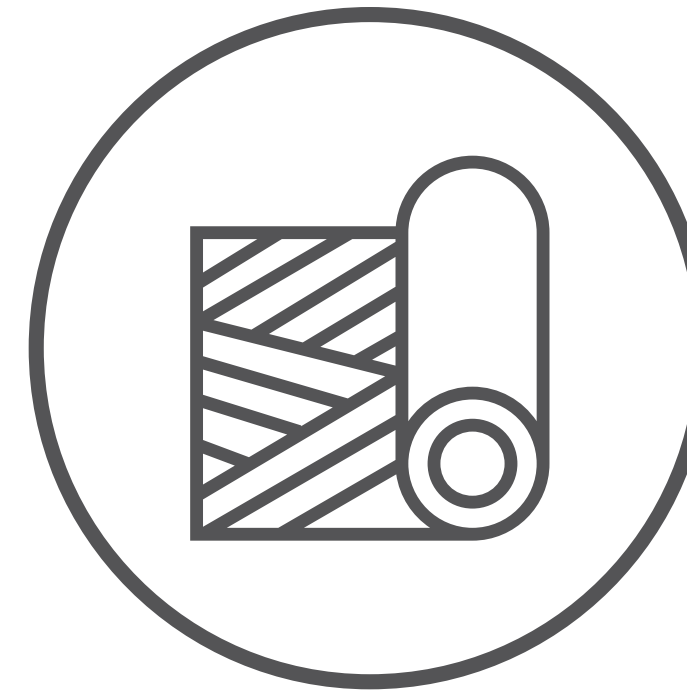


## POST-CONSUMER WASTE

is waste collected after the consumer has disposed of it.

WHAT ARE THE ISSUES SURROUNDING TEXTILE WASTE?

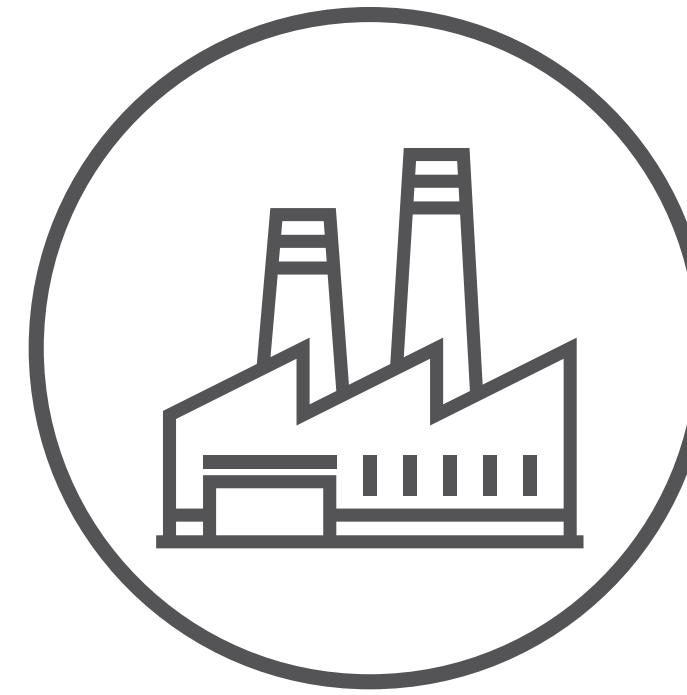
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## PRE-PRODUCTION

Ordering an extra 10-20% of fabric than is needed is common practice in the fashion industry.





## MANUFACTURING

A large amount of textile waste is generated during the manufacturing stage, averaging at 25% of the fabrics and fibres used in production, but this figure can reach as high as 47%



## **POST-MANUFACTURING**

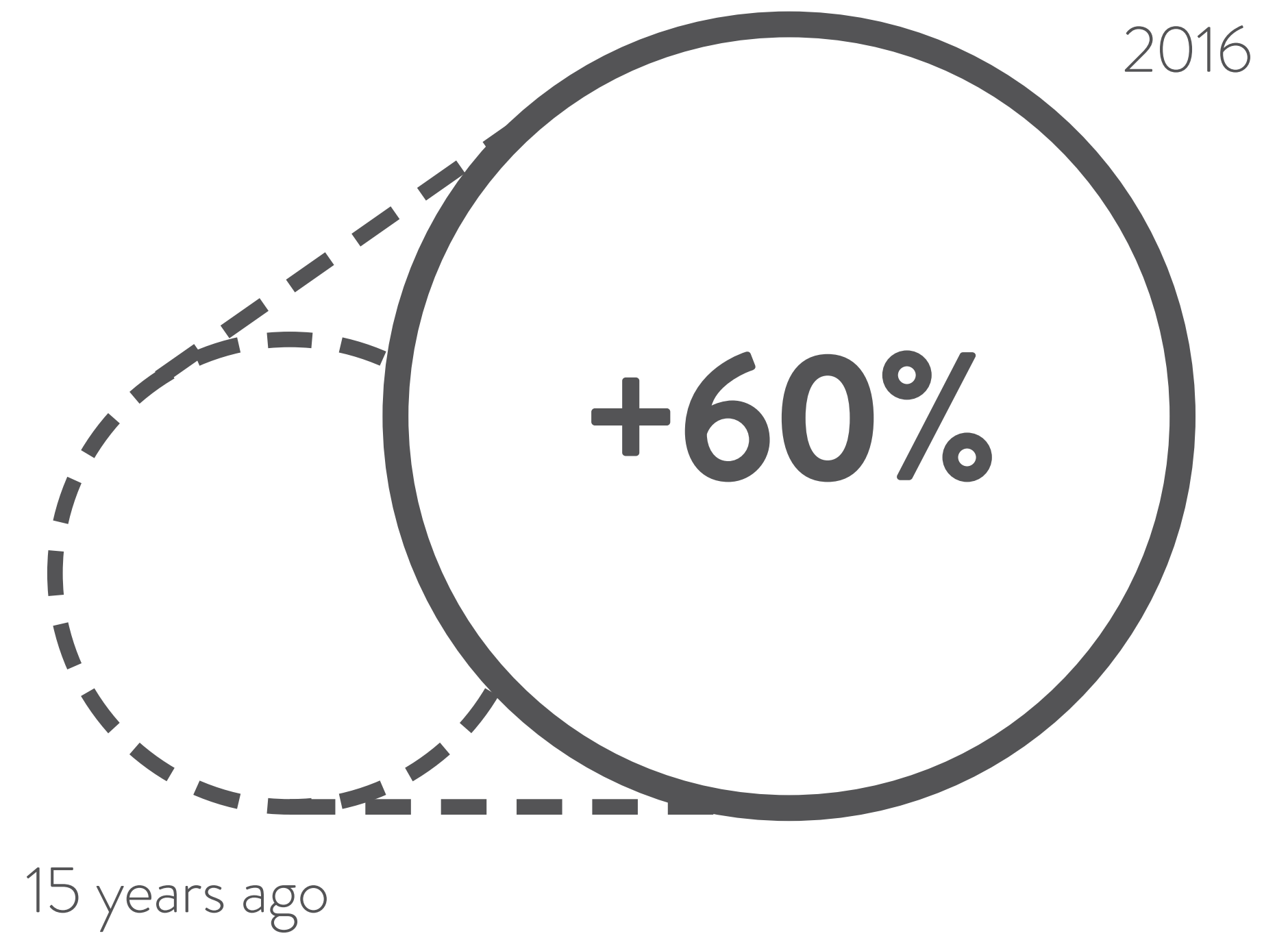
Overorders of fabrics are sometimes sold to third parties, put into storage, discarded or even destroyed.

**WHAT ARE THE ISSUES SURROUNDING TEXTILE WASTE?**

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## AVERAGE CONSUMER CONSUMPTION OF CLOTHING





TEXTILE WASTE:

ALMOST  
**100%**  
REUSABLE OR  
RECYCLABLE

RECONSTRUCTION

# INTRODUCTION TO RECONSTRUCTION DESIGN






## RECONSTRUCTION

is a form of up-cycling and is the process of making new clothes from waste formed of previously worn garments or preformed finished clothing products. This process involves first deconstructing garments and then reconstructing the waste materials into new designs.



RECONSTRUCTION  
**CASE STUDIES**





**“Fashion then [in the 80’s] was bold colours, wide shoulders; everything was extravagant. Martin came along with ripped sleeves, frayed hems, clumpy shoes — we were still talking about stilettos!”**

Geert Bruloot

Image credit: Maison Margiela

SLIDESHOW:T4RC-03-1

**RECONSTRUCTION CASE STUDY 1: MARTIN MARGIELA**

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Image credit: Maison Margiela

SLIDESHOW:T4RC-03-2

**RECONSTRUCTION CASE STUDY 1: MARTIN MARGIELA**

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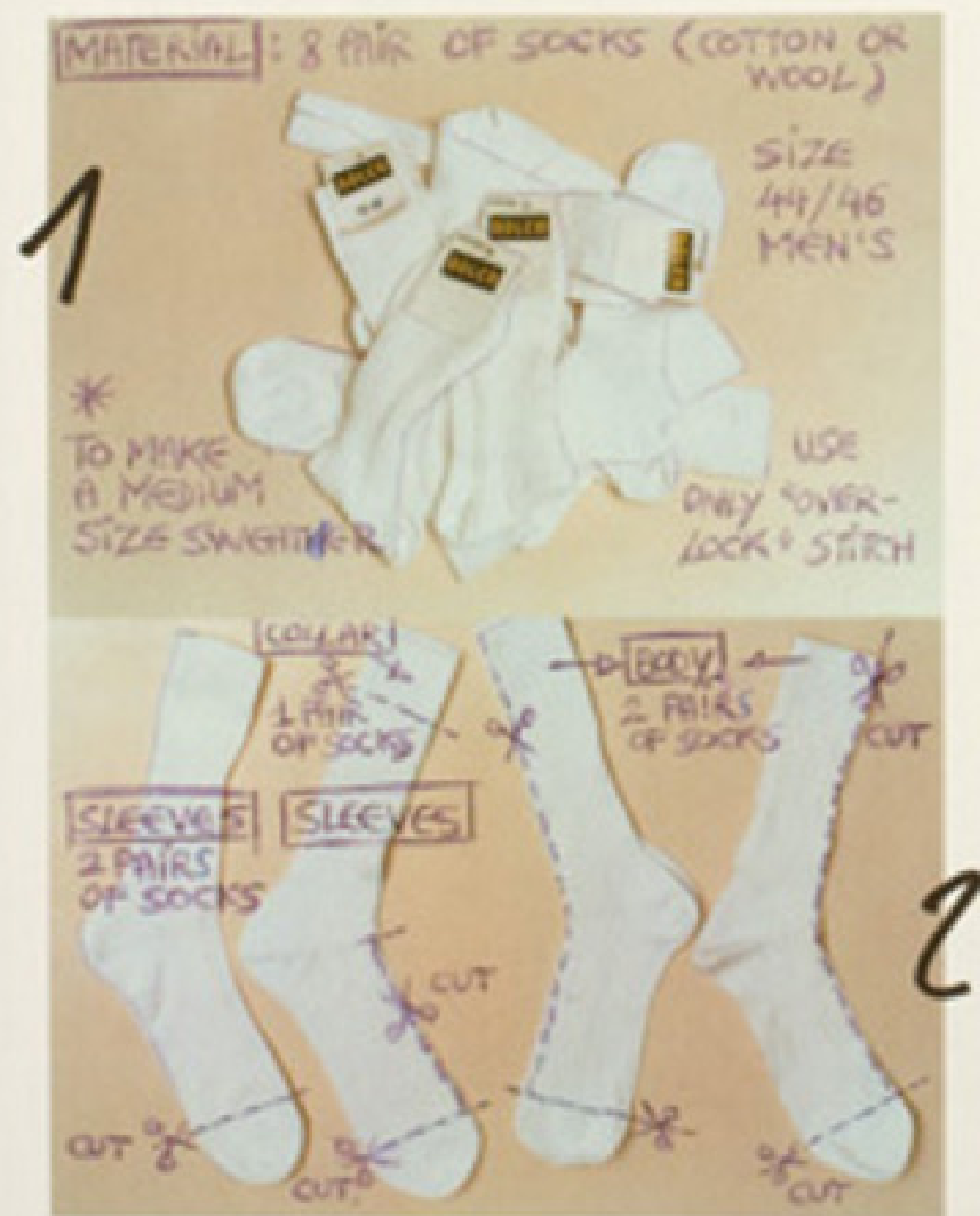
Image credit: She's Got Plenty

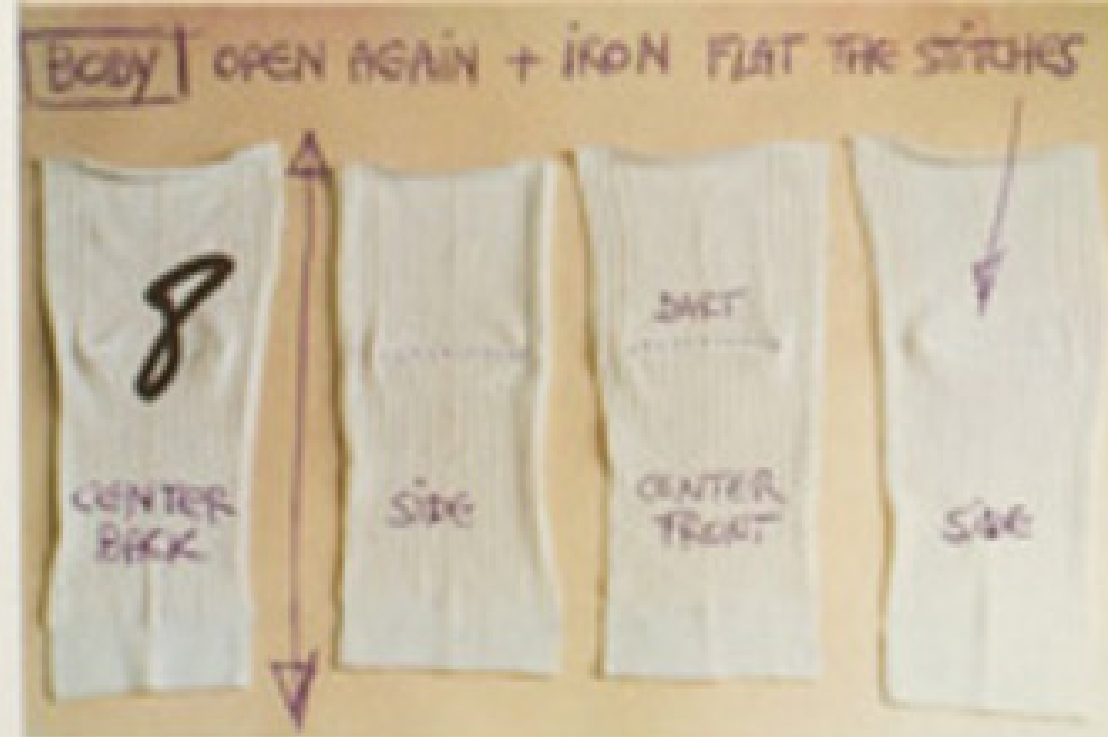
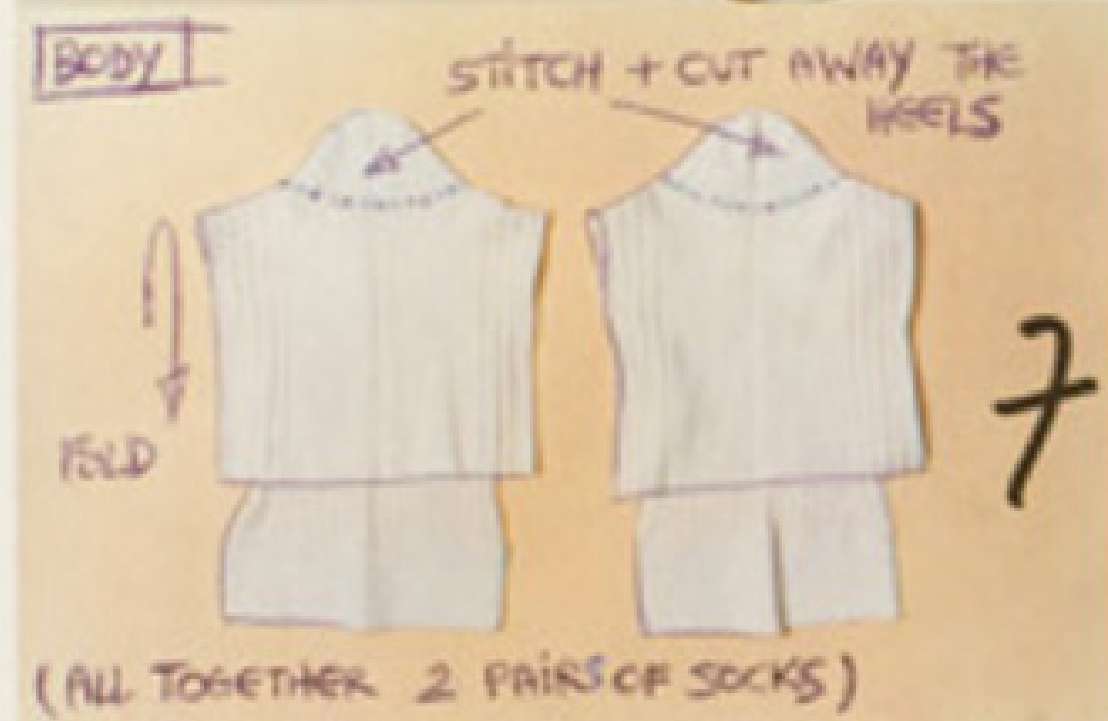
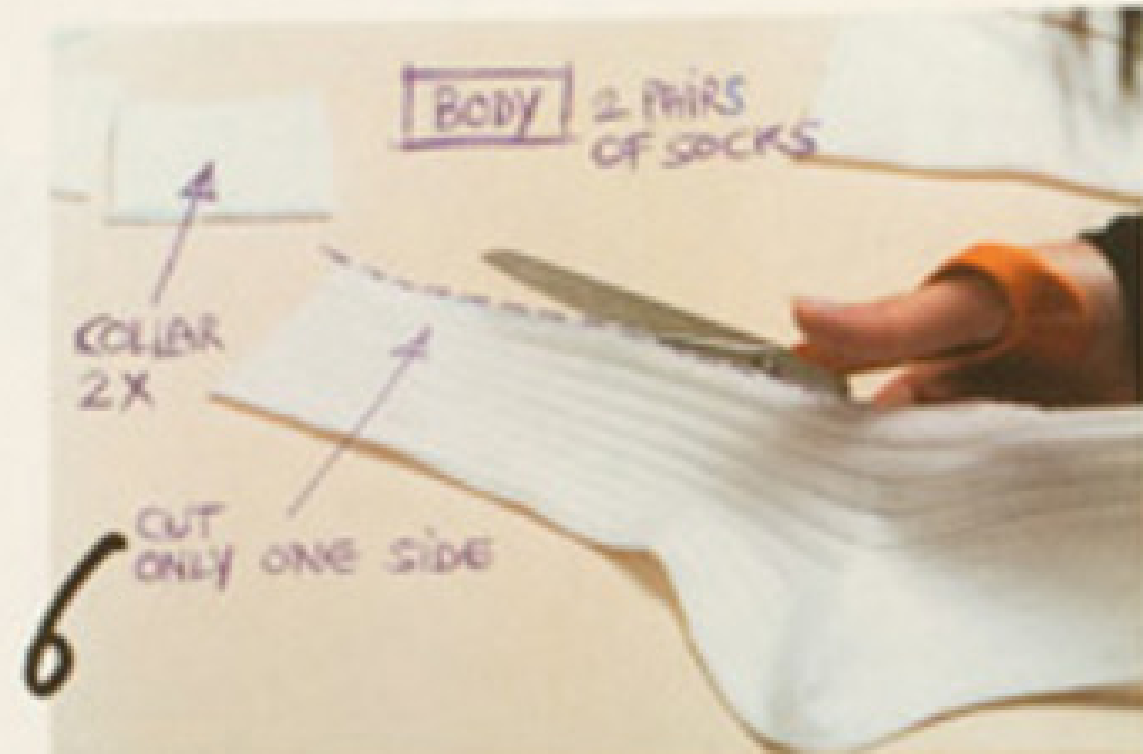
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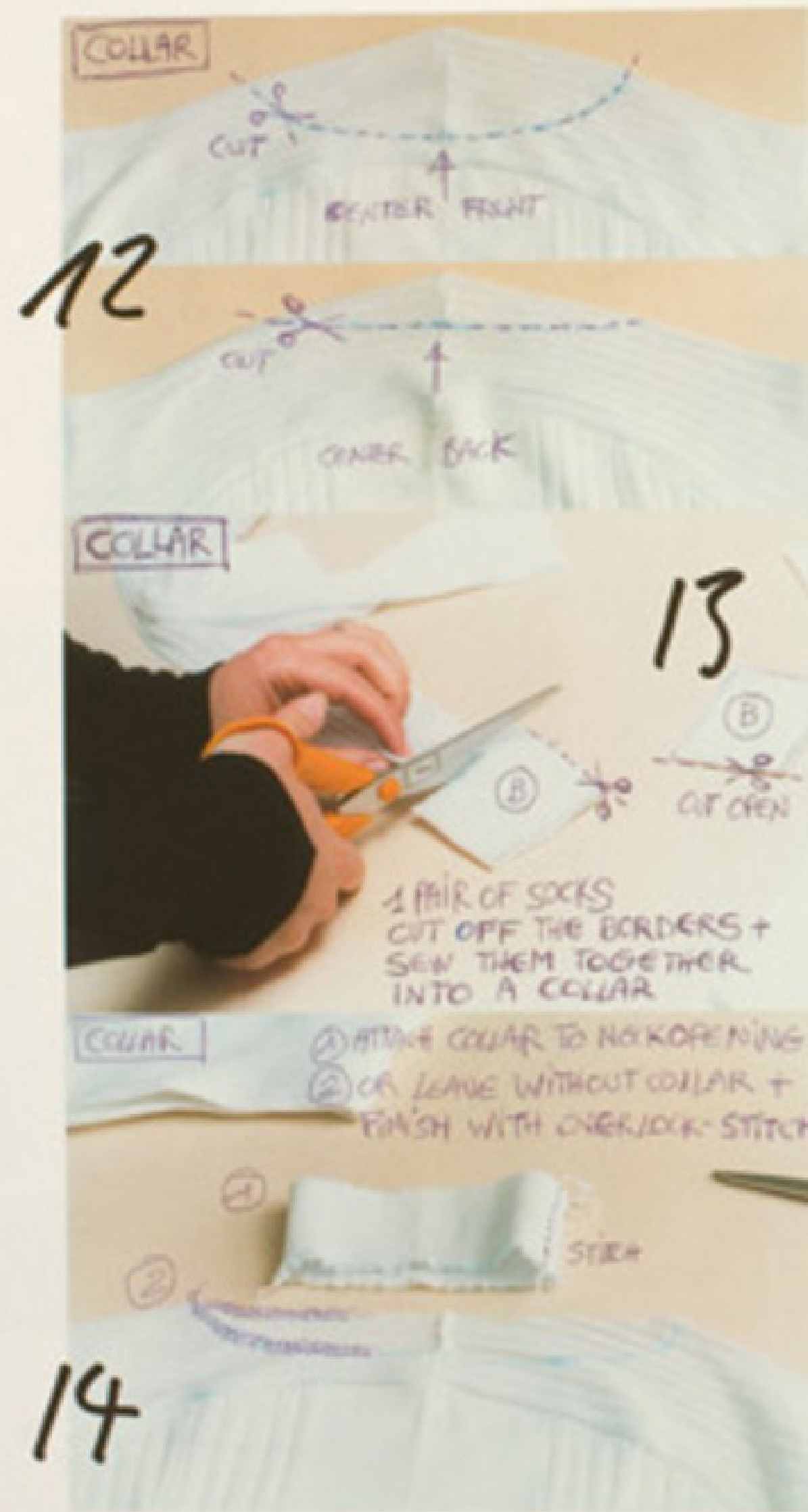
**RECONSTRUCTION CASE STUDY 1: MARTIN MARGIELA**

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# One to make at home ...







THE END



Image credit: Christopher Ræburn

SLIDESHOW:T4RC-04-1

**RECONSTRUCTION CASE STUDY 2: CHRISTOPHER RÆBURN**

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**Christopher Ræburn studios, London.**

Image credit: Christopher Ræburn

SLIDESHOW:T4RC-04-2

**RECONSTRUCTION CASE STUDY 2: CHRISTOPHER RÆBURN**  
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Image credit: Christopher Ræburn

SLIDESHOW:T4RC-04-3

RECONSTRUCTION CASE STUDY 2: CHRISTOPHER RÆBURN

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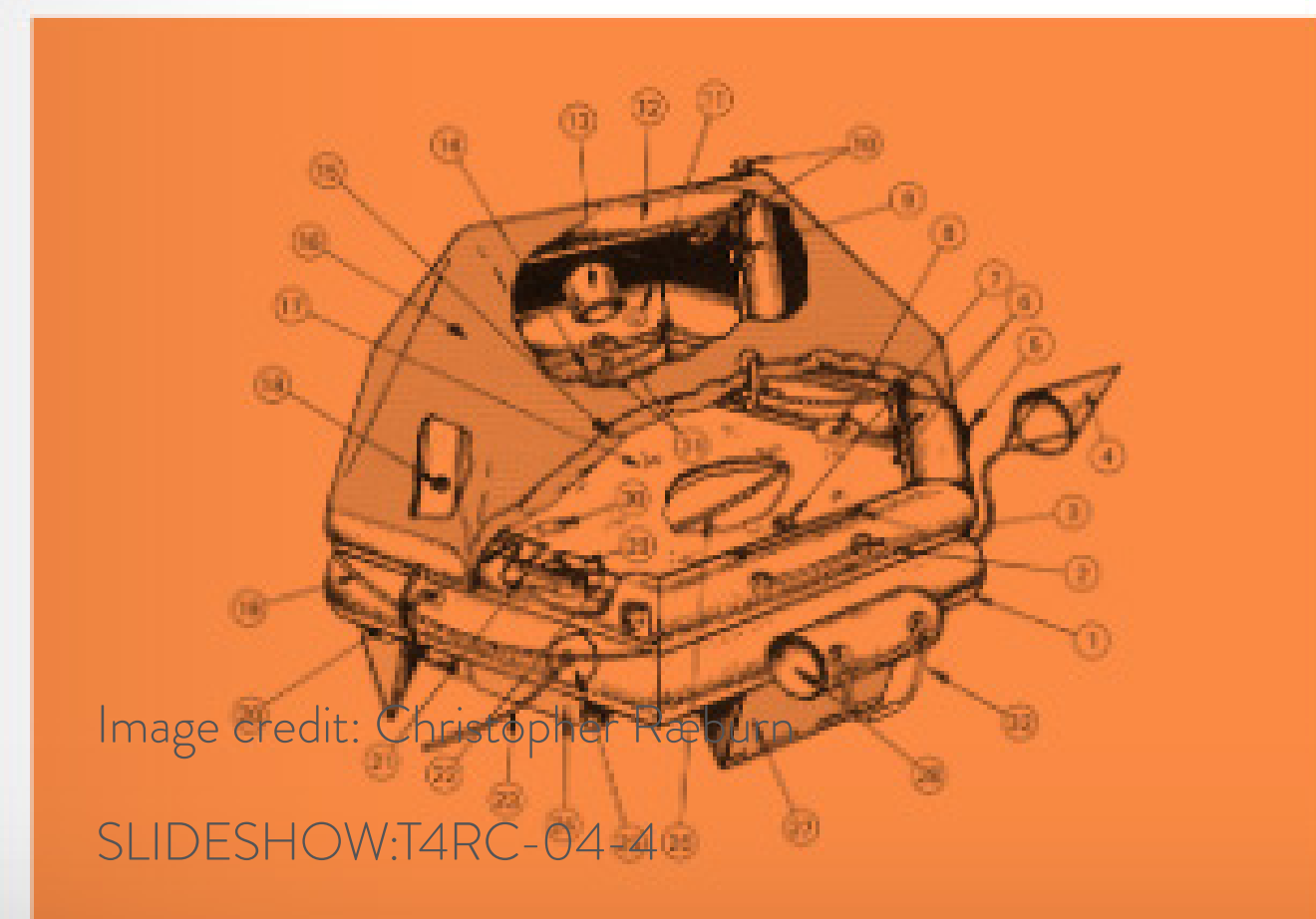
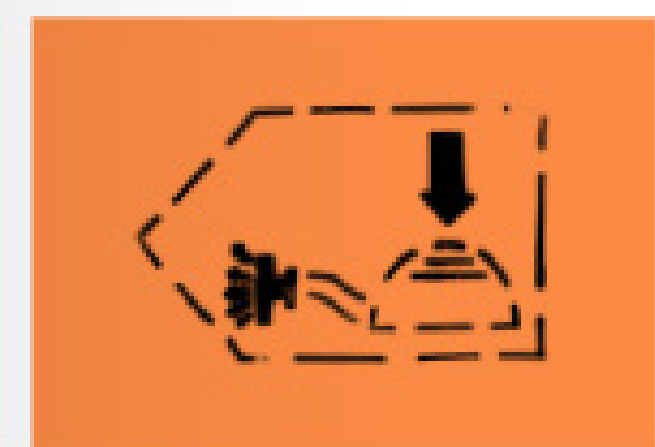
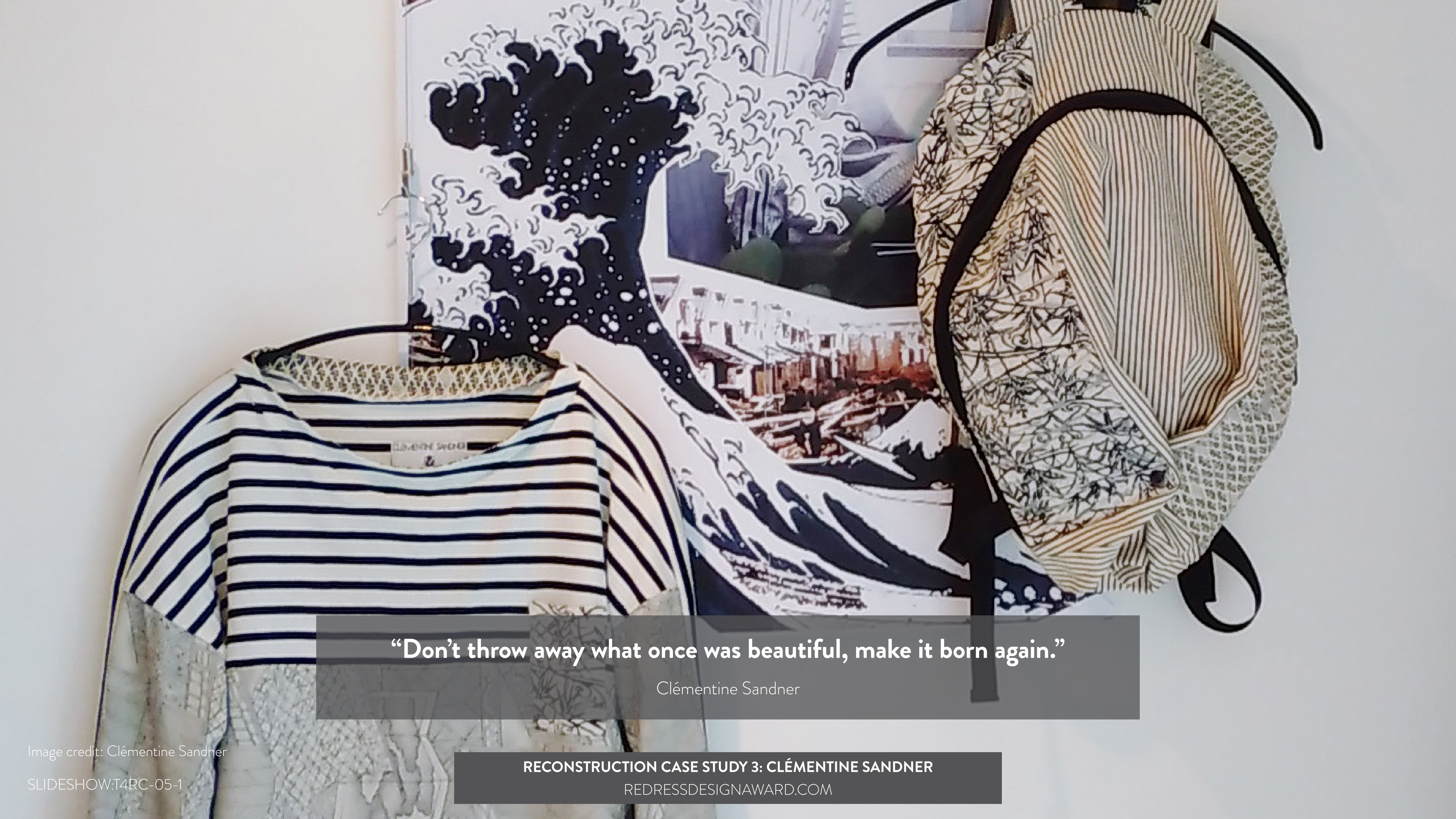


Image credit: Christopher Ræburn

SLIDESHOW:T4RC-04-4

RECONSTRUCTION CASE STUDY 2: CHRISTOPHER RÆBURN

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“Don’t throw away what once was beautiful, make it born again.”

Clémentine Sandner

Image credit: Clémentine Sandner

SLIDESHOW:T4RC-05-1

RECONSTRUCTION CASE STUDY 3: CLÉMENTINE SANDNER

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Image credit: Clémentine Sandner

SLIDESHOW:T4RC-05-2

**RECONSTRUCTION CASE STUDY 3: CLÉMENTINE SANDNER**

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Image credit: Clémentine Sandner

SLIDESHOW:T4RC-05-3

RECONSTRUCTION CASE STUDY 3: CLÉMENTINE SANDNER

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RECONSTRUCTION  
**EXERCISES &  
PROJECT BRIEFS**





### Shirt

- 100% cotton
- Trims: buttons



### Dress

- 44% cotton
- 32% nylon
- 22% polyester
- 2% viscose
- Shell fabric: lace
- Lining: 100% polyester
- Trims: zip

	Item 1:		Item 2:	
	Fibre content: Trims:		Fibre content: Trims:	
	Strength	Limitation	Strength	Limitation
Fibre type				
Fabric quality				
Garment construction				
Ease of deconstruction				
Ability to source the garments in large quantities				

**RECONSTRUCTION EXERCISE 1: GARMENT COMPARISON**

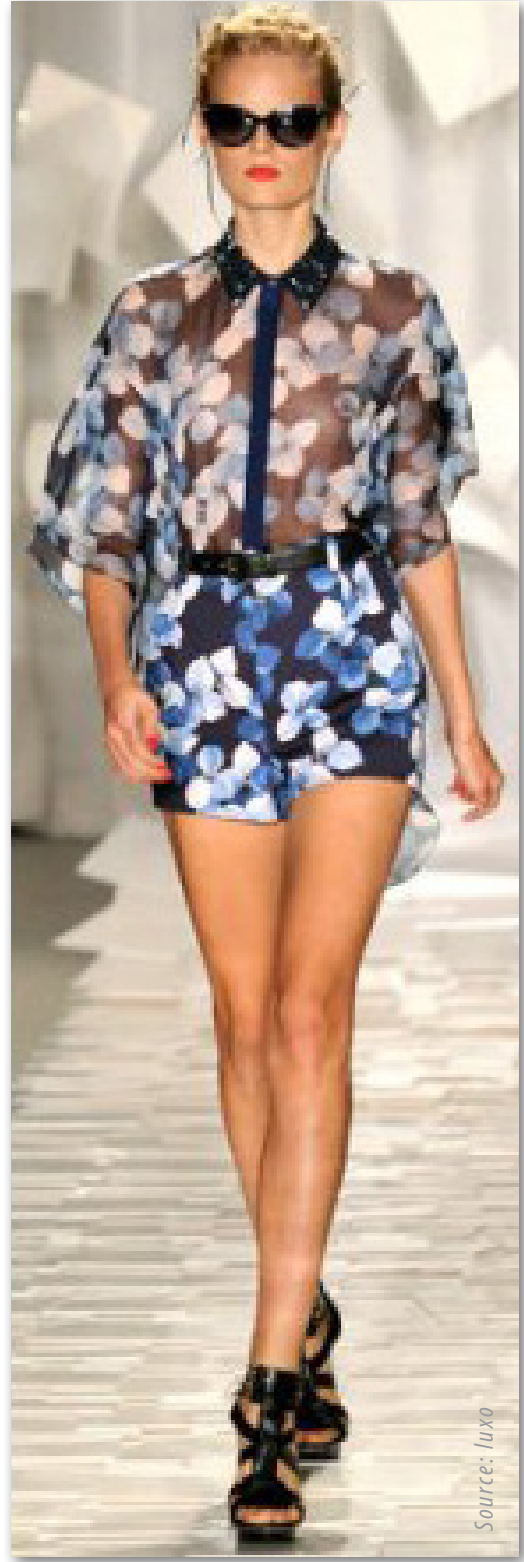
# ANALYSING DAMAGE IN GARMENTS

## Questions

- Are there any common problems identified from the group's damaged garments?
- What were the possible causes of the damage from each garment?
- How could the damage have been avoided?
- Is there anything that could have been done at the design stage to minimise damage, or could a solution for consumers to rework damage as it occurs have been provided? If so, what are possible options?



1 // FLORAL



Floral prints are a classic look for summer. Choose floral patterns that are girly but not granny-looking. A feminine touch of floral to an androgynous denim outfit can bring so much more to the eye.

2 // MONOTONE



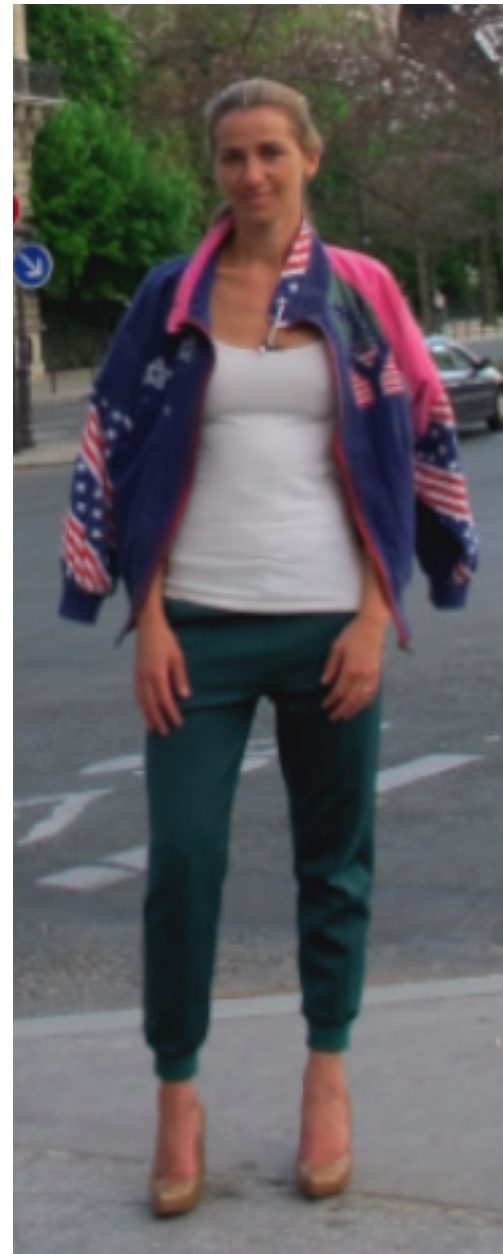
A classic black-and-white combo is a timeless and edgy look that works for every shape and style. Monotone garments are staples in every wardrobe and are easy to mix and match. To accentuate the proportion and monochrome look of an outfit, simply throw in some black accessories to an all-white ensemble and you're good to go.

**RECONSTRUCTION PROJECT BRIEF 1:  
CREATING A NEW LOOK USING SECONDHAND GARMENTS**  
Christina Dean | [www.redress.com.hk/the-365-challenge-2013/](http://www.redress.com.hk/the-365-challenge-2013/)  
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### 3 // SPORTY CHIC



Source: Pinterest



Infuse more energy into your outfit by incorporating athletic wear into your summer wardrobe. Show off your style by draping a sports jacket over your shoulders and pairing it with a simple white tank and denim shorts. This is a casually chic look that never goes out of style.

### 4 // SUIT WITH TEMPTATION



Source: thelocaliq

Does your blazer look drab and boring on a hot summer day? Pair it with a mini skirt to add a touch of sultry while keeping it classy at the same time. A blazer is a classic yet versatile piece that can take you from day to night for any occasion. Wear your blazer with a classic pencil skirt for a sophisticated evening look or roll-up the sleeves for a casual summer day look.

## RECONSTRUCTION PROJECT BRIEF 1: CREATING A NEW LOOK USING SECONDHAND GARMENTS

Christina Dean | [www.redress.com.hk/the-365-challenge-2013/](http://www.redress.com.hk/the-365-challenge-2013/)  
[REDRESSDESIGNAWARD.COM](http://REDRESSDESIGNAWARD.COM)



**RECONSTRUCTION PROJECT BRIEF 2:  
RECONSTRUCTION WITH UNWANTED JEANS**

Leif Eriksson | [www.leiferiksson.co.uk](http://www.leiferiksson.co.uk)  
[REDRESSDESIGNAWARD.COM](http://REDRESSDESIGNAWARD.COM)

Image credit: Leif Eriksson

LIDESHOW:T4RC-09