

ZERO-WASTE



ZERO-WASTE

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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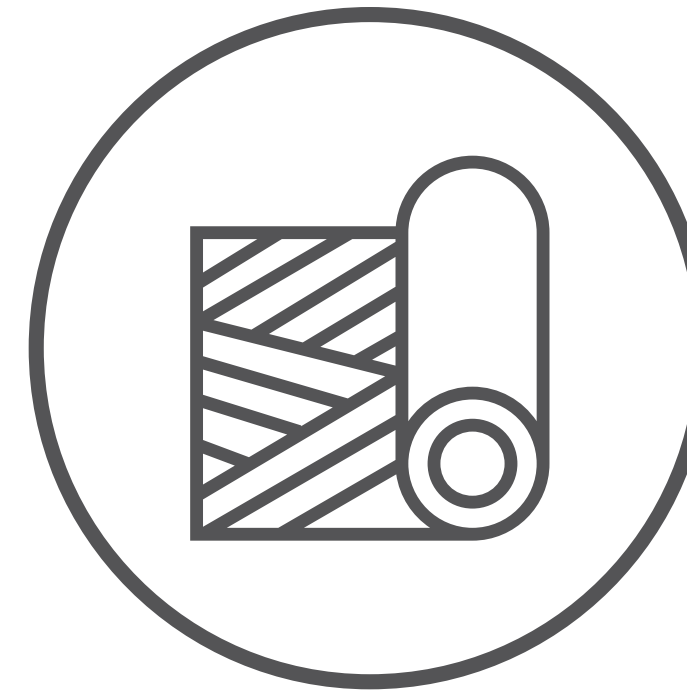


POST-CONSUMER WASTE

is waste collected after the consumer has disposed of it.

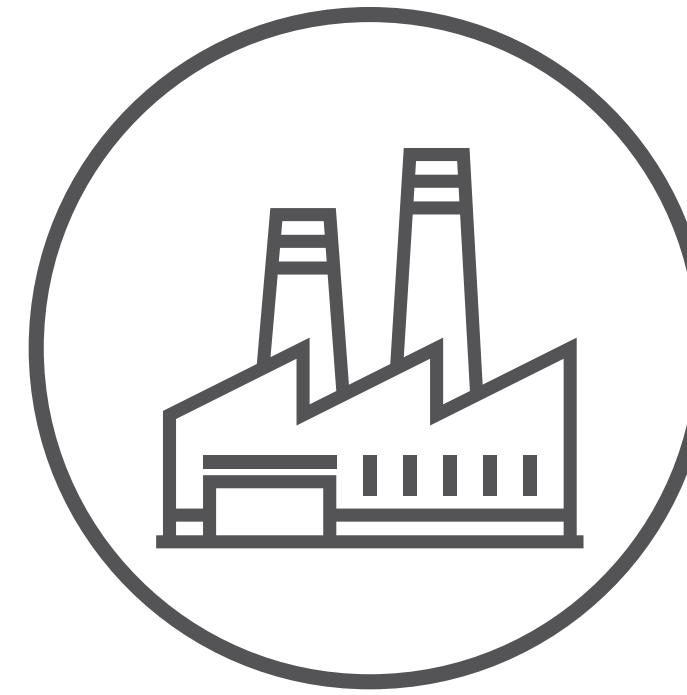
WHAT ARE THE ISSUES SURROUNDING TEXTILE WASTE?

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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%

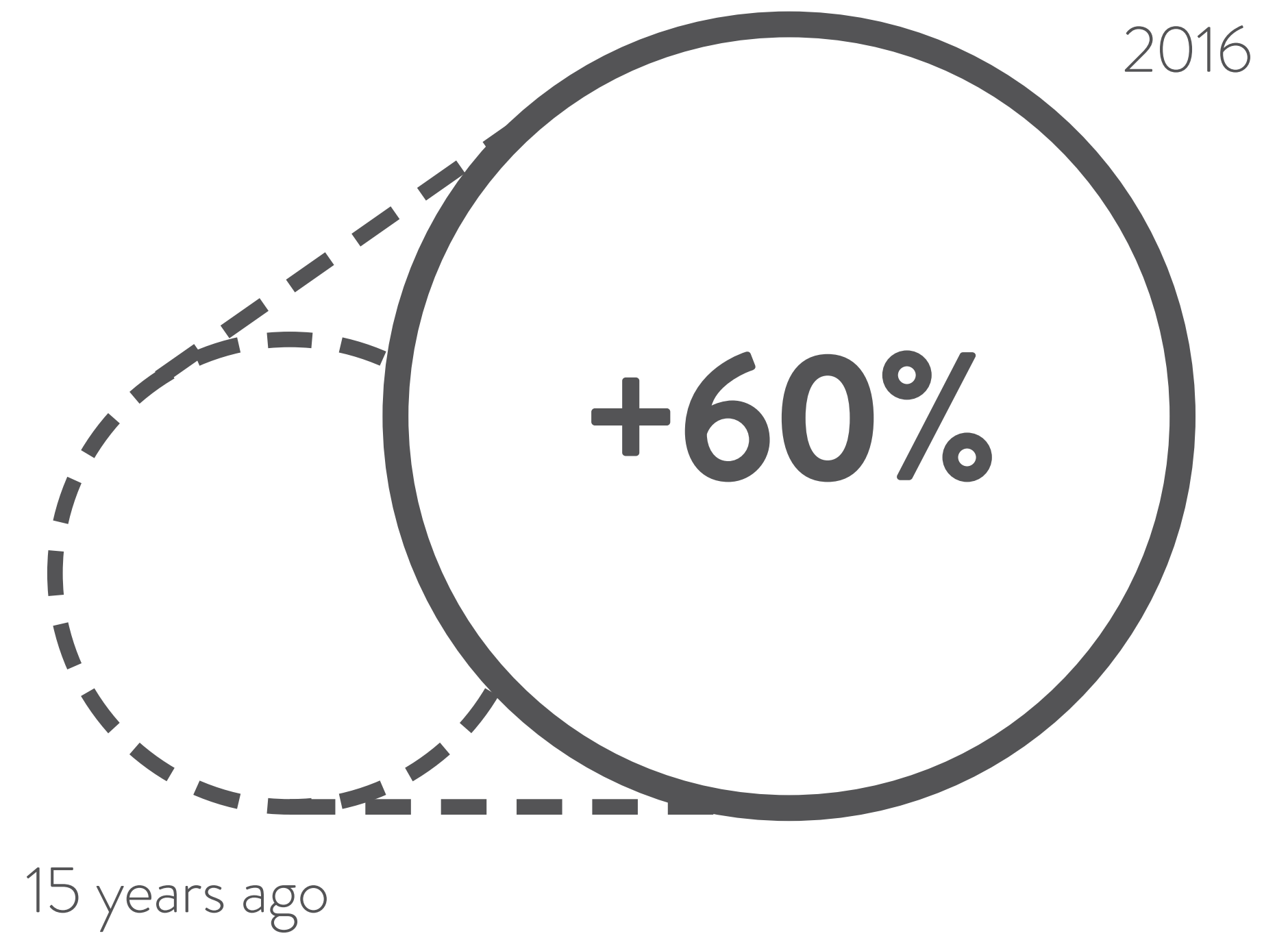


POST-MANUFACTURING

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



AVERAGE CONSUMER CONSUMPTION OF CLOTHING





TEXTILE WASTE:

ALMOST
100%
REUSABLE OR
RECYCLABLE

ZERO-WASTE

INTRODUCTION TO ZERO-WASTE DESIGN





ZERO-WASTE

is a design technique that eliminates textile waste at the design stage.

ZERO-WASTE
CASE STUDIES





“Making Fashion Without Making Waste.”

ZERO-WASTE CASE STUDY 1: STUDY NY

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Image credit: Study NY

SLIDESHOW:T2ZW-03-1

Men
18%

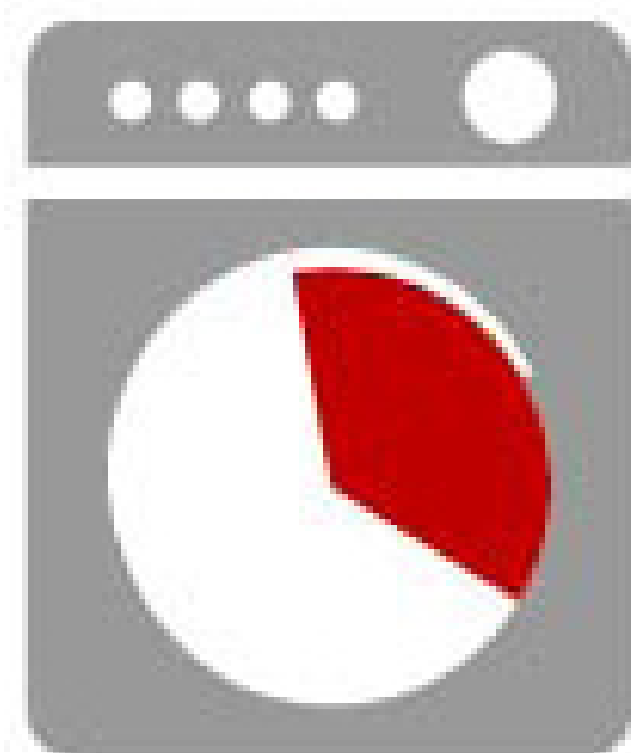
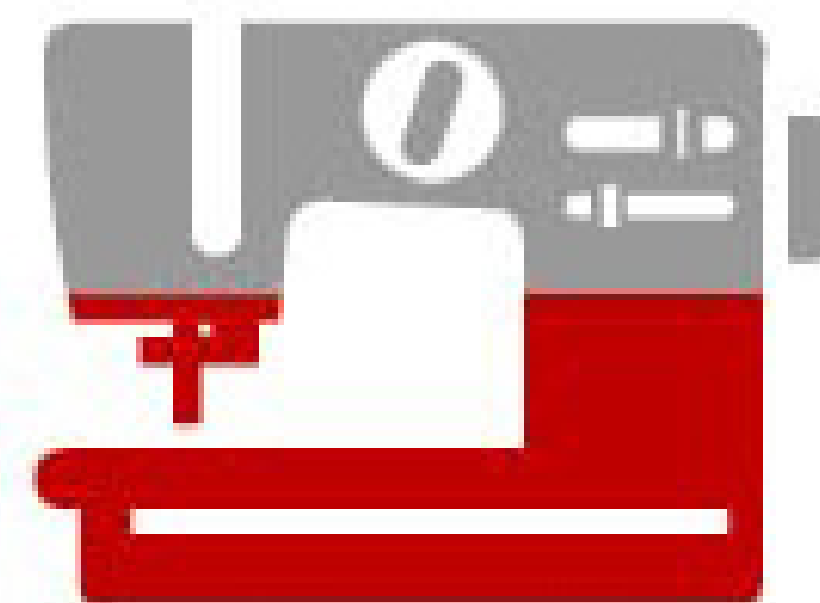


82%
Women

56% have worn less than **half** of their wardrobe in the last **SIX** months



55% don't have the skills to repair their clothes, or ask a family member or expert to repair for them



37% wash their clothing after **one** wear



14% bin clothing once they have finished with it

Its time to **GET**  **REDRESSED**

www.redress.com.hk

Number of participants surveyed was 294



Image credit: Study NY

SLIDESHOW:T2ZW-03-3

ZERO-WASTE CASE STUDY 1: STUDY NY

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Image credit: Study NY

SLIDESHOW:T2ZW-03-4

ZERO-WASTE CASE STUDY 1: STUDY NY

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“Clothes have magic. Their geometry forms shapes that can lend the wearer power.”

Yeohlee Teng

Image credit: Yeohlee

SLIDESHOW:T2ZW-04-1

ZERO-WASTE CASE STUDY 2: YEOHLEE

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Image credit: Yeohlee

SLIDESHOW:T2ZW-04-2

ZERO-WASTE CASE STUDY 2: YEOHLEE
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Image credit: Yeohlee
SLIDESHOW:T2ZW-04-3

ZERO-WASTE CASE STUDY 2: YEOHLEE
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“I try to make interesting and fresh pieces using sustainable design strategies and facing the limitations that come with sustainable fashion as an inspiration rather than a disadvantage.”

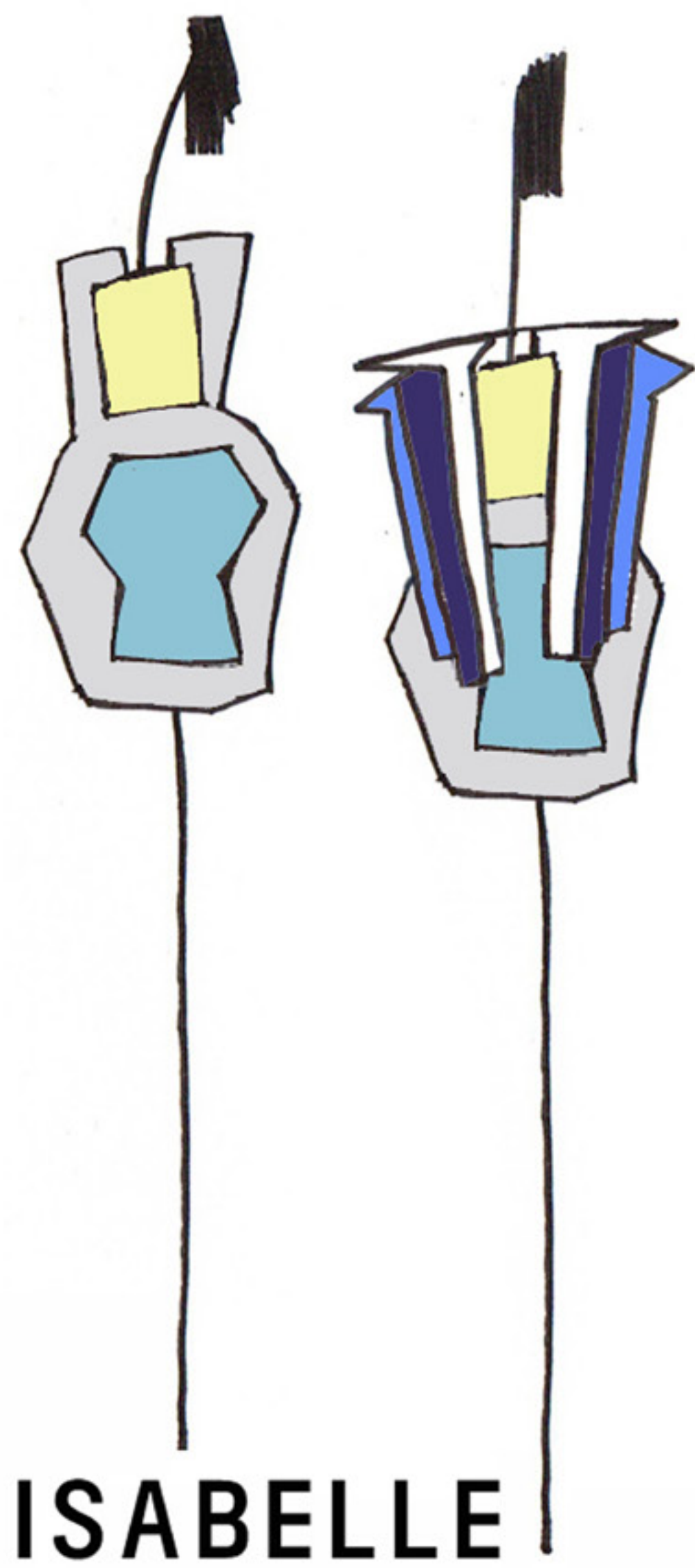
Farrah Floyd

Image credit: Farrah Floyd

SLIDESHOW:T2ZW-05-1

ZERO-WASTE CASE STUDY 3: FARRAH FLOYD

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ISABELLE

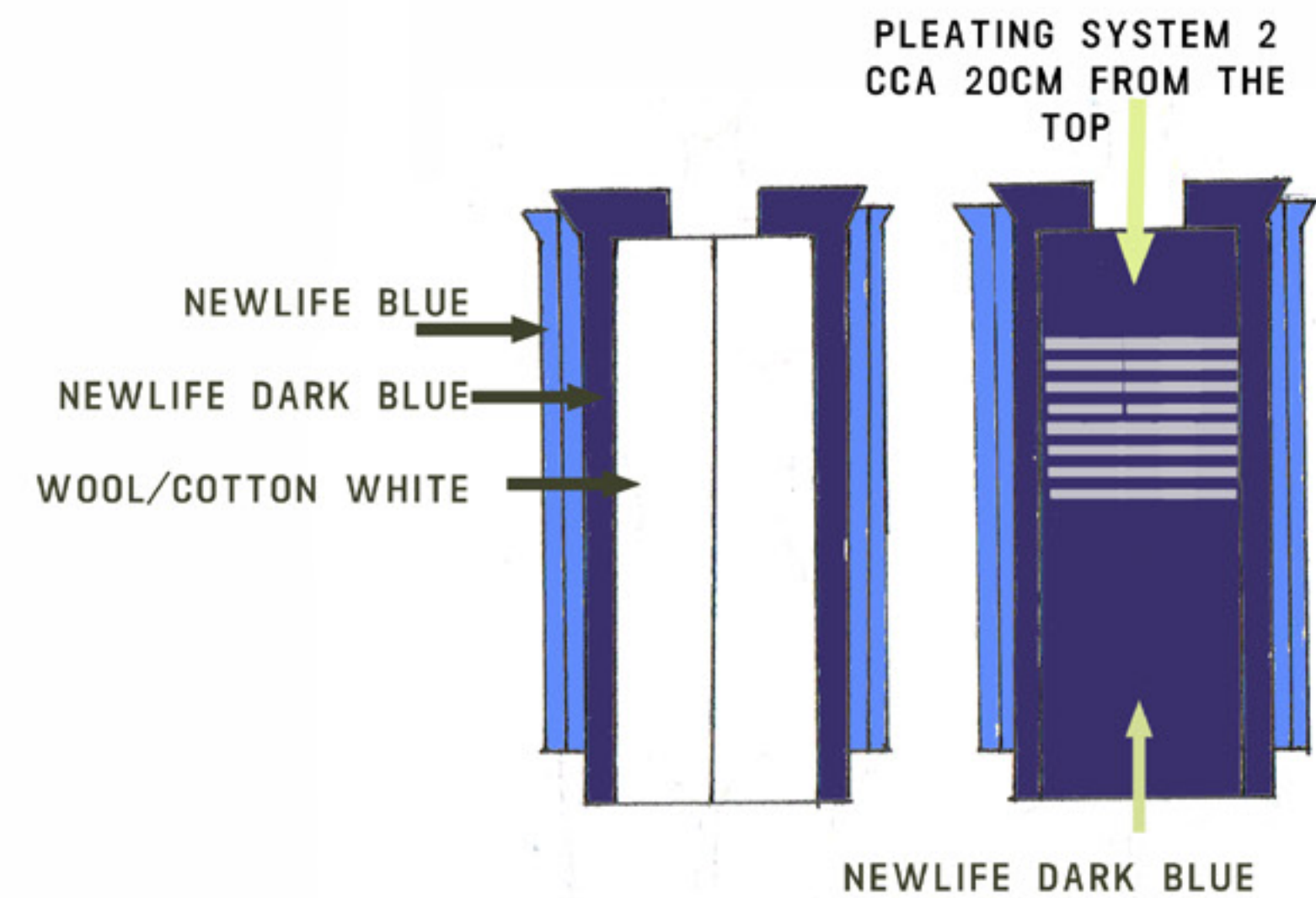
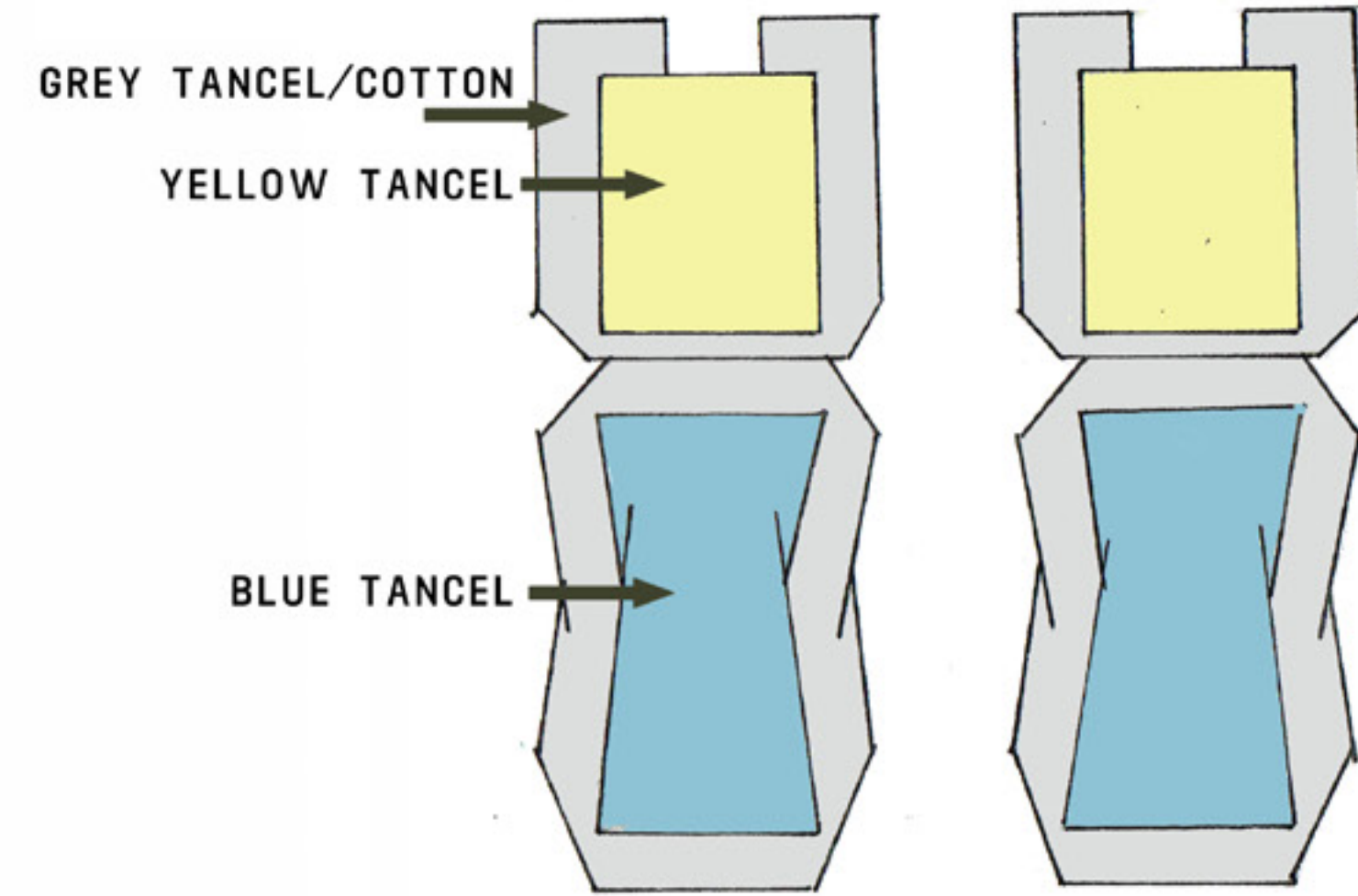




Image credit: Farrah Floyd

SLIDESHOW:T2ZW-05-3

ZERO-WASTE CASE STUDY 3: FARRAH FLOYD

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ZERO-WASTE

EXERCISES & PROJECT BRIEFS



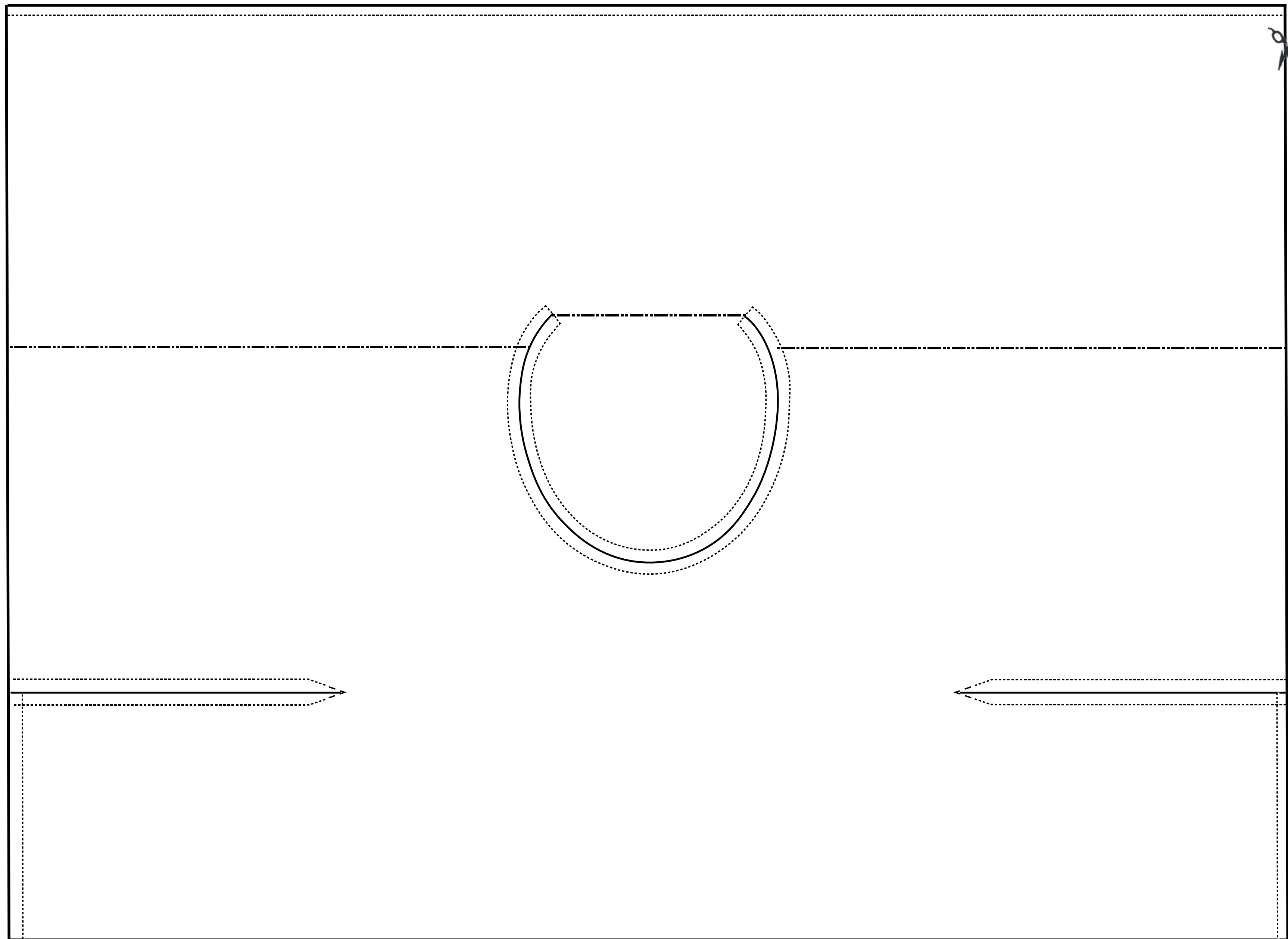


Image credit: Holly McQuillan

EXERCISE SHEET: T2ZW-06-1

ZERO-WASTE EXERCISE 1: ZERO-WASTE T-SHIRT PATTERN

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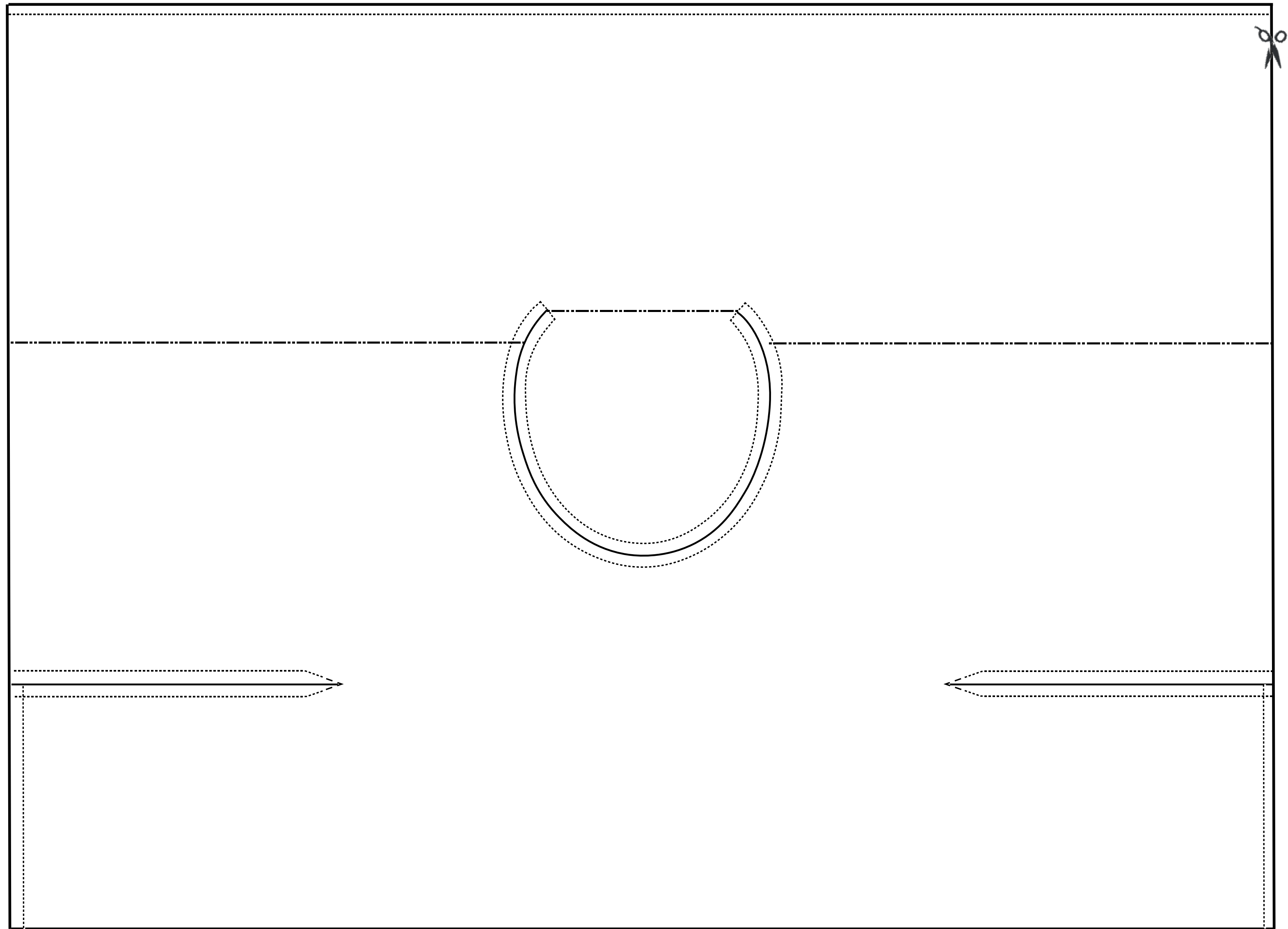


Image credit: Holly McQuillan

SLIDESHOW:T2ZW-06-2

ZERO-WASTE EXERCISE 1: ZERO-WASTE T-SHIRT PATTERN

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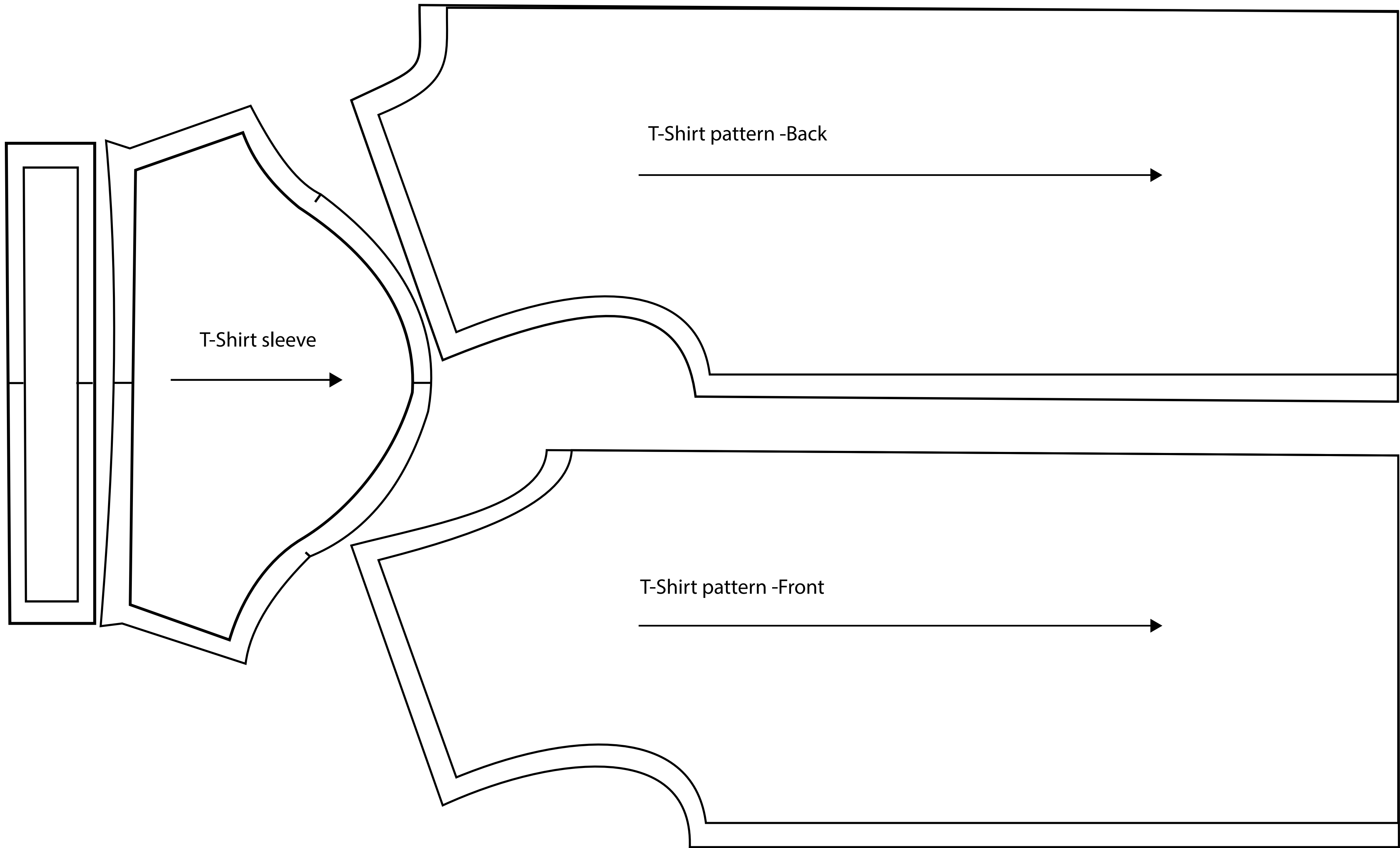


Image credit: Holly McQuillan

EXERCISE SHEET: T2ZW-07

ZERO-WASTE EXERCISE 2: ZERO-WASTE PATTERN DESIGN

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