

# 22\_23 PG\_CERT\_Action Research Project

MIKHA MEKLER





# UAL\_LCF 23\_24 MA INNOVATIVE FASHION PRODUCTION

## @ SALVATION ARMY \_ SATCOL



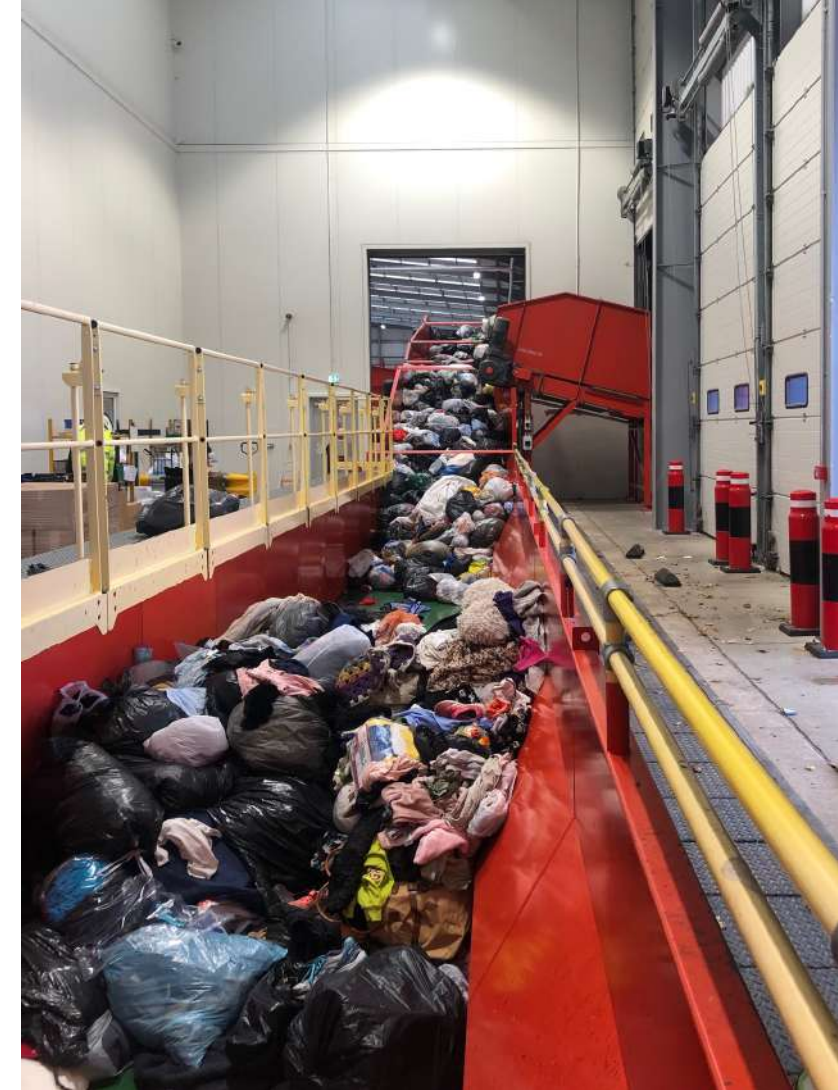


# PROCESS tour at SATCol



**Facility Tour at SATCol with Bernie Thomas,**  
Circular Economy and Sustainability  
Manager, Mekler (2023)

**Pneumatic Truck  
unloading lift, SATCol 2021**



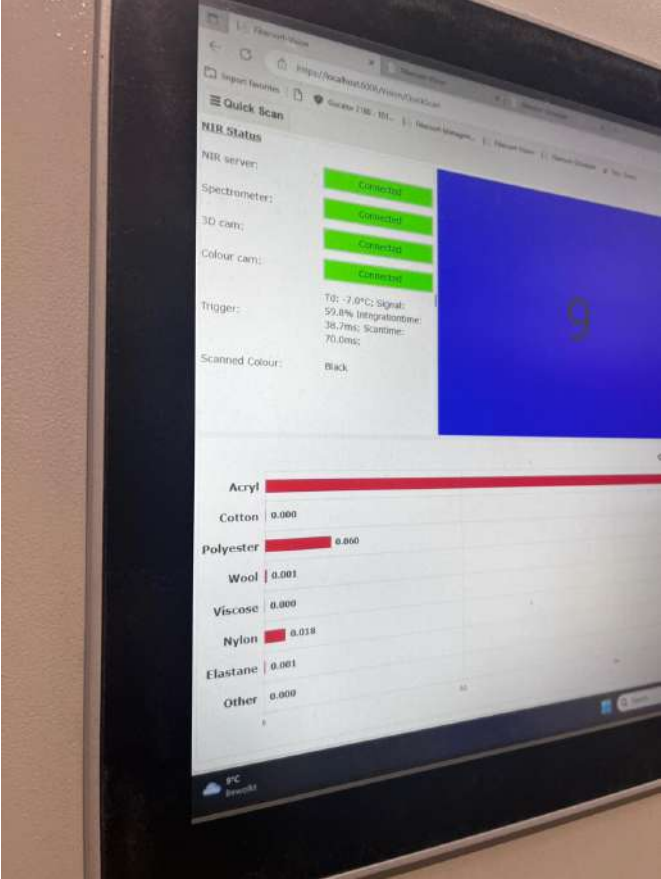
**Arrival bays at Satcol  
bagged and unsorted  
goods, Mekler (2023)**



# FIBRESORT Technology



FibreSort System, SATcol (2021)



Fibre Analysis instant results and sorting, Mekler (2023)

Hand-held fibre identifier, Fitzsimmons (2023)





# WORKSHOP Activities

## Textile Sorting Activity



Mekler (2023)

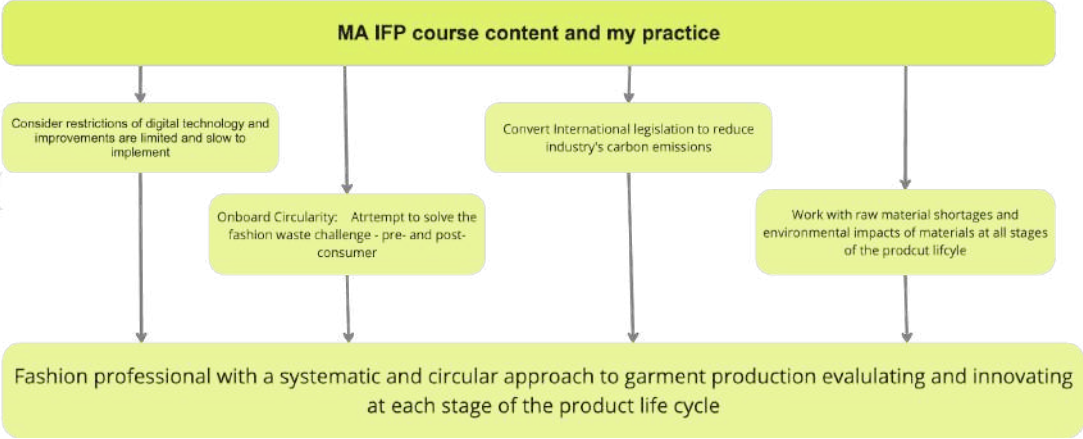
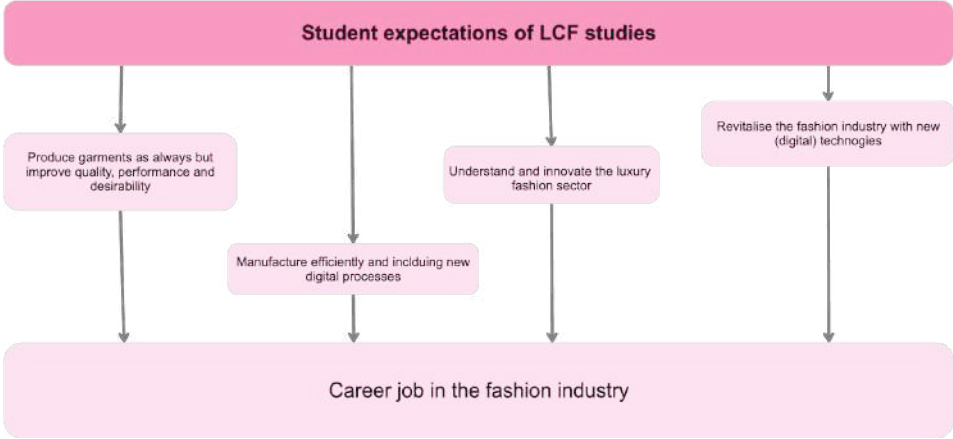


**Ideas Exchange on values and opportunities of secondary textiles**

Mekler (2023)

**Millenials vs Gen Z**

ARP and Education Ethics



Student Expectation vs UAL LCF content, Mekler (2023)





# ETHICS: Environmental Sustainability and Climate Anxiety

Learning outcomes

- ***comprehensive understanding of the environmental and social implications of fashion production.***

UAL Climate, Racial and Social Justice Principles

- **Move with Urgency**

Transgressive learning and transformation

- **positive emotional impact vs negative emotional impact**

>> Possible Futures

- **Discuss solutions and achievable aims**

ual:

the exchange

**Climate, Racial and Social Justice principles**

**01. Move with urgency**

to become a community that has the capabilities to address the social, racial and environmental injustices of climate emergency using creativity and resourcefulness. We offer hope through action, committing to the decolonisation and decarbonisation of our education and creative practices.

**02. Cultivate systems thinking and practices**

that meaningfully acknowledge the interconnections and complexity of life on earth.

**03. Foster futures thinking**

to design for possible futures that restore and regenerate, unleashing the power of imagination through participatory and speculative methods.

**04. Design for human equity, social and racial justice**

by mobilising critical thinking, humbly questioning the norms, practices and biases embedded in our societies and cultures. We recognise and reflect on our individual actions and societal values through self-awareness and reflective practice.

**05. Accelerate activism and advocacy**

by participating in co-creation and actions that realise change in solidarity with those within and outside of our community. We advocate for justice for nature and humanity through our creative practices.

# DATA COLLECTION Methods

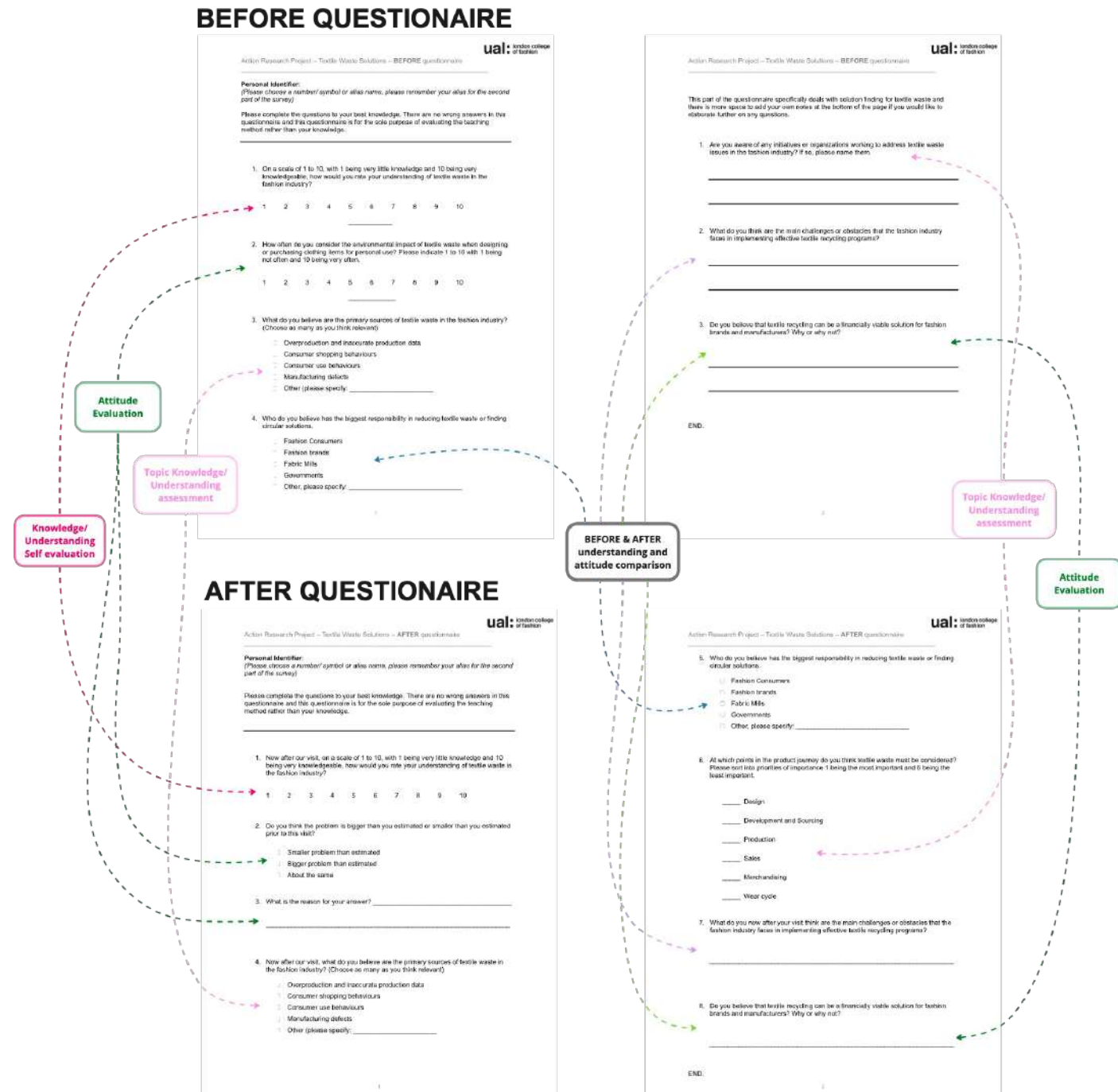
## 1. Questionnaires

Before and after external visit to measure the impact of the day

- Attitude to topic
- Knowledge/ Understanding of topic (self-evaluation)
- Knowledge/ Understanding of topic (knowledge testing questions)

## 2. Observation

Throughout the day to understand the value of the visit to the cohort





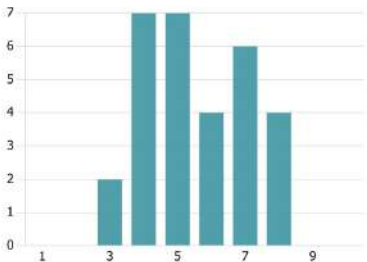
# DATA ANALYSIS: Knowledge evaluation

## BEFORE ACTIVITY

2. On a scale of 1 to 10, with 1 being very little knowledge and 10 being very knowledgeable, how would you rate your understanding of textile waste in the fashion industry?

[More Details](#) [Insights](#)

5.57  
Average Rating

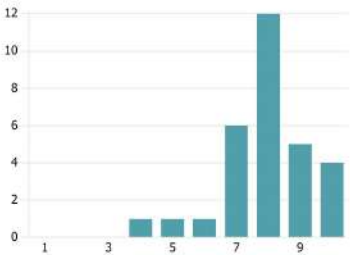


## AFTER ACTIVITY

2. Now after our visit, on a scale of 1 to 10, with 1 being very little knowledge and 10 being very knowledgeable, how would you rate your understanding of textile waste in the fashion industry?

[More Details](#) [Insights](#)

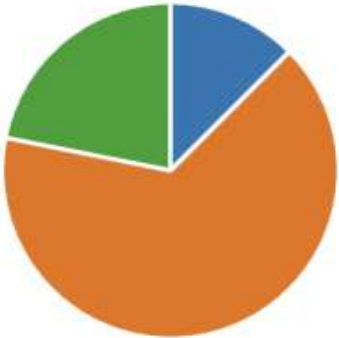
7.93  
Average Rating



3. Do you think the problem is bigger than you estimated or smaller than you estimated prior to this visit?

[More Details](#)

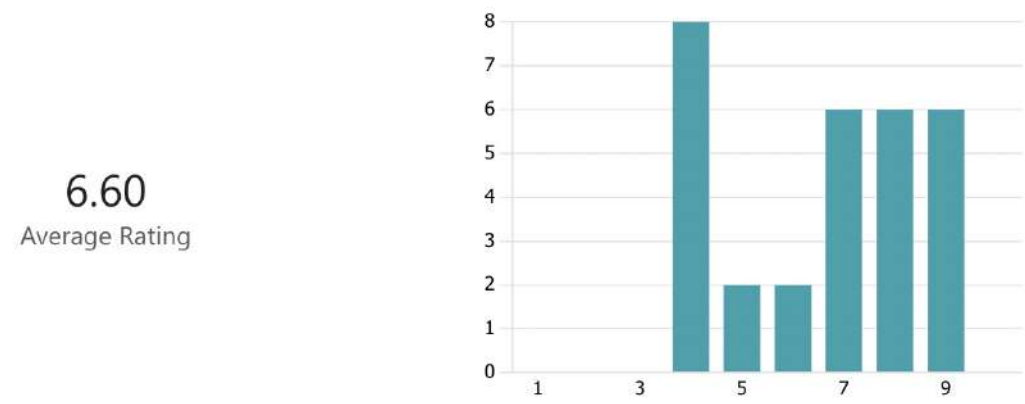
- Smaller problem than estimated 4
- Bigger problem than estimated 21
- About the same 7





# DATA ANALYSIS: Attitude evaluation

How often do you consider the environmental impact of textile waste when designing or purchasing clothing items for personal use? Please indicate 1 to 10 with 1 being not often and 10 being very often?



Do you believe that textile recycling can be a financially viable solution for fashion brands and manufacturers? Why or why not?

Before questionnaire

|           |    |
|-----------|----|
| yes       | 18 |
| no        | 7  |
| tentative | 5  |

After questionnaire

|           |    |
|-----------|----|
| yes       | 24 |
| no        | 3  |
| tentative | 3  |



# DATA ANALYSIS: Ethics concerns

The amount of stock is **much bigger** than my imagine.



At first **i think the problem it's simple** to deal with however after visit i think my **thought it's too simple and their are still some problem** in recycled fabric company with proven technology

The **quantity of the clothing** which need to **recycle is too big.**

I do have to say that I was aware of the quantities of textile waste. Nonetheless, hearing the figure, 68 thousand tonnes, **it is still quite shocking.**

I always know that there is a huge textile waste in every country however when I know the exact data today **I was kind of shocked.** I'm also thinking that with such a huge textile waste in the UK, **what happens in China / America / India, bigger countries with larger populations.**



## DATA ANALYSIS: Additional outcomes

Increase trust and get to know the students on personal level

Coming out of teacher mode into learner mode



## 'It's the industry's dirty secret': why fashion's oversupply problem is an environmental disaster

Lucianne Tonti

Thu 18 Jan 2024 17:00 GMT



Shouldering the burden – a mountain of waste at the Kpone landfill site in Tema, Ghana. Photograph: Nisrah Dennis/Bloomberg/Getty Images

Guardian, yesterday 18<sup>th</sup> Jan 2024

<https://www.theguardian.com/fashion/2024/jan/18/its-the-industrys-dirty-secret-why-fashions-oversupply-problem-is-an-environmental-disaster>



LINEAR ECONOMY



RECYCLING  
ECONOMY



CIRCULAR  
ECONOMY

