



FASHION AND THE ENVIRONMENT

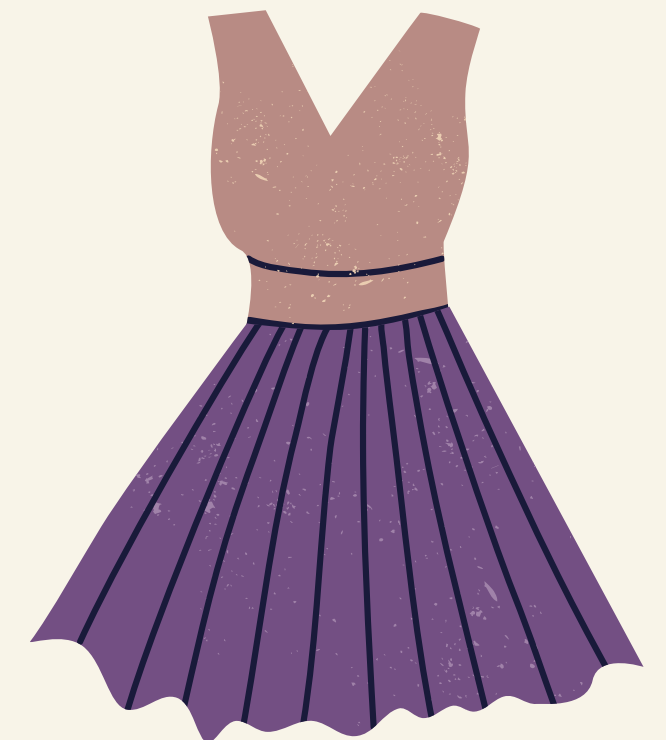
Group 3

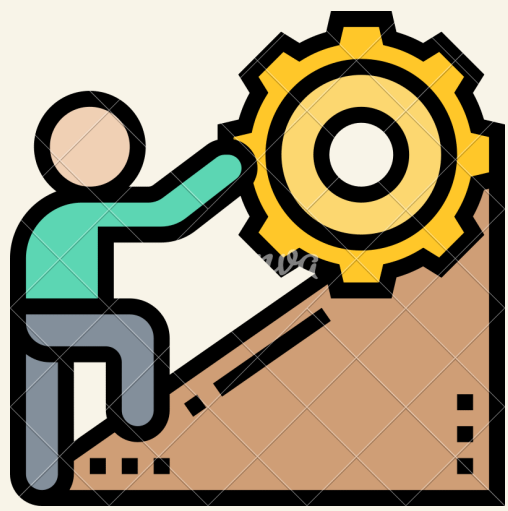
Main Issues

- Fast Fashion contributes to greenhouse gas emmissions
- Unethical sourcing puts workers in danger and underpays them
- Textile factories pollute the surrounding ground, air, and water



Nafees





Challenges

- Shutting down unethical factories would put workers out of jobs, making their situation even worse
- Consumer culture promotes fashion brands to continue using fast fashion business strategies over more sustainable ones.
- Much of the clothing wasted is already in landfills and can't be disposed of for thousands of years
- Farmers that supply raw goods (cotton) are incentivized to use cheap chemicals on their crops



POSSIBLE SOLUTIONS



**Production of clothes
with natural dies, such
as clay and saffron**

**Circular
consumption**

**LOCAL
PRODUCTION**



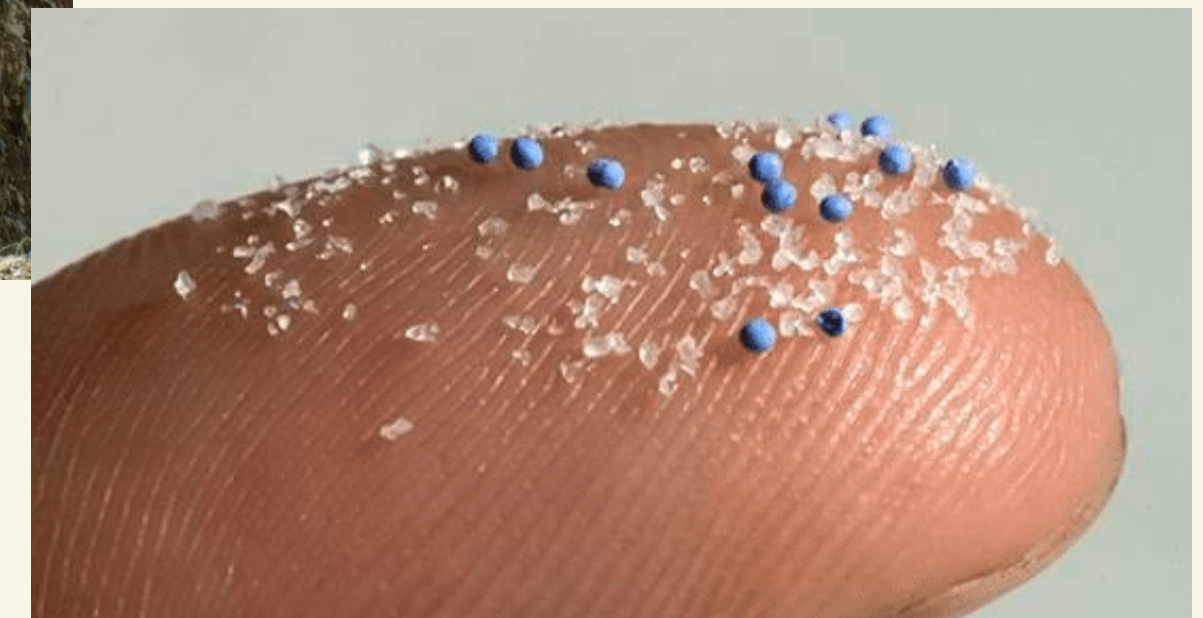
**products designed and
optimized for a continuous
cycle of recycling and
disassembly**



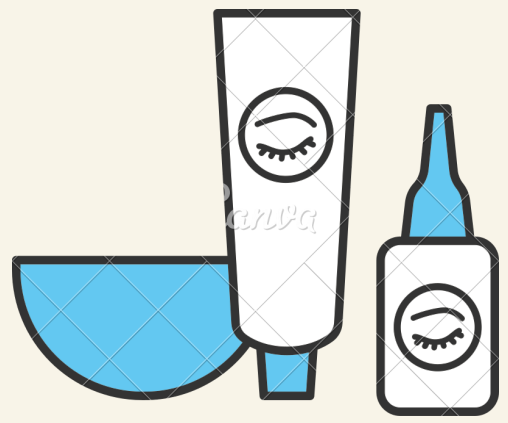
Maria

Discuss the scope of fashion's impact on the environment.

- Fashion is the **SECOND** largest polluting industry in the world.
- **90% of wastewaters** in developing countries is discharged into rivers without being treated.
- **85% of human-made debris** on shorelines around the world are microfibers from synthetic garments that get released into the water in the laundry.
- Fashion industry is a major contributor to worldwide soil degradation
 - overgrazing from cashmere goats is threatening **90% of Mongolia's surface**
 - Soil damage from chemicals to grow cotton
 - Deforestation for wood-based fibers like rayon.



Ana



Why Dyes are Harmful

- Contact with dyed synthetics triggers allergic reactions, skin irritation, and rashes. At worst, it increases the risk of cancer.
- Textile mills dump dyes and chemicals into nearby freshwater sources. Rivers turn shades of red and blue that, when ingested, make local populations sick.
- People near the factories and those who drink the contaminated water experience rashes, numbness in the limbs, cancers



Fashion Misinformation

- Eight to 10 percent of global greenhouse gas emissions comes from the fashion industry, which is more than the aviation and maritime shipping industries combined.
- The fashion industry produces and sells somewhere between 80 billion and 150 billion garments a year globally.
- Nearly three-fifths of all clothing produced ends up in incinerators or landfills within years of being made.

Why?

- Difficult to conduct research

Effects

- Statistics too vague
- Discredits sustainability advocates
- Inability to have direct, meaningful change

Solutions

- Better research funding

