

# WORKSHOP ON JEANS AND COTTON

## Why making a pair of jeans is not sustainable at all ?



In one of the workshops in Germany , we learned that **10,000 liters of water is required to grow one kilo of cotton needed to make just one pair of denim jeans**. In comparison, one person would take 10 years to drink 10,000 liters of water.

**Indeed cotton** , one of the stars of the contemporary textile industry , is a plant that loves water. Cotton now accounts for a quarter of the world's textile fibre production. And it takes a lot of water to grow it and make it bloom. One kilo of cotton requires **almost 10,000 litres of fresh water**.

Cumulatively, the fashion industry produces about 20% of global waste water.

### [How wasteful is denim?](#)

**The denim industry uses about 50,000 tons of synthetic indigo** a year, along with over 84,000 tons of sodium hydrosulfite as a reducing agent. Textile workers are exposed to these chemicals, which can be poisonous and carcinogenic. Toxic chemicals also pollute the environment near factories.

According to studies, **up to 20% of fabric is wasted in the production of denim clothing**. Much of this waste ends up in landfills or is incinerated, contributing to greenhouse gas emissions and other environmental damage.