



# Ecodesign in the Textile Sector

## Unit 07: Sustainability certifications in the textile sector

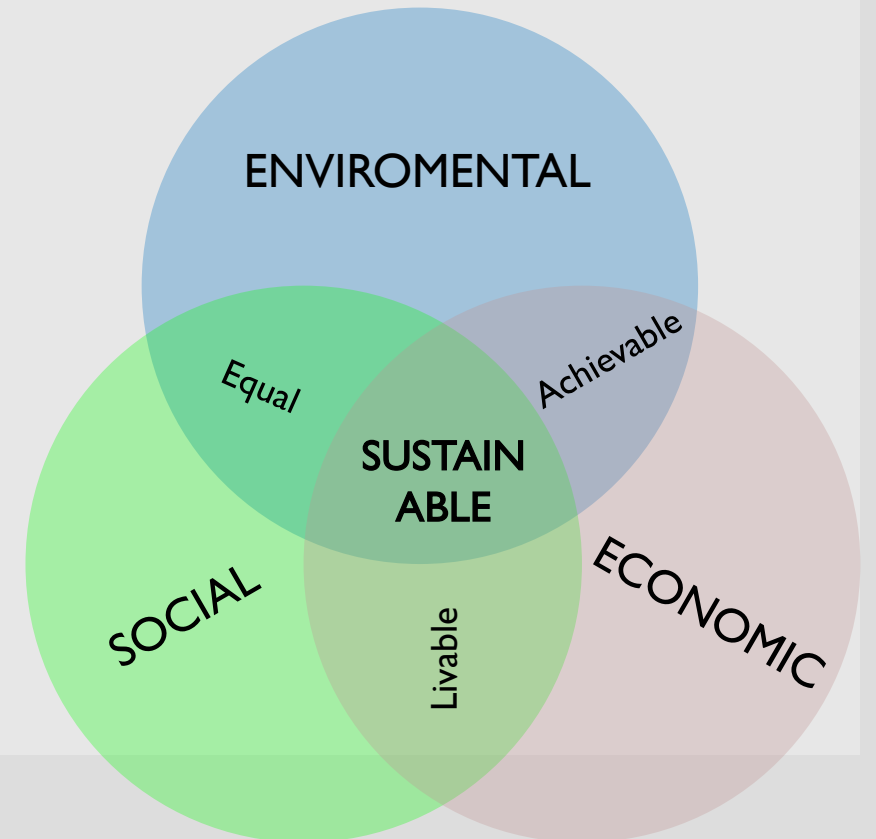


# DEFINITION OF SUSTAINABILITY

*«Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs»*

*Brundtland Report (1987)*

- **ECONOMIC** sustainability represents the ability to generate income and work to satisfy people's basic needs. *Brundtland Report (1987)*
- **SOCIAL** sustainability represents the ability to ensure human well-being conditions (safety, health, education) equally distributed by class and gender.
- **ENVIRONMENTAL** sustainability represents the ability to produce while respecting the environment



## ECOLABEL UE

The **EU Ecolabel** is the European Union's ecological quality label that identifies products and services that have a reduced environmental impact through their life cycle while maintaining high performance levels.

Textile products are regulated by the Commission Decision 2017/1392 of 25 July 2017

Ecological criteria:

- low wastewater
- limited use of dangerous substances
- coverage of the entire production cycle



# STANDARD 100 BY OEKO-TEX®

**OEKO-TEX® Standard 100** is a certification of the textile products that guarantees that the labeled products are safe from a human-ecological point of view, as they are tested for the release or the presence of harmful toxic substances by authorized independent institutes.

The products can be certified in 4 classes:

## 4 classes

- Class I: Articles for babies and toddlers up to 3 years of age;
- Class II: Articles that are worn close to the skin;
- Class III: Articles used away from the skin (jackets, coats etc.);
- Class IV: Decoration/Furnishing materials, (curtains, tablecloths, etc.).



# ECO PASSPORT BY OEKO-TEX®

**ECO PASSPORT** by OEKO-TEX® is a certification of the chemical used in the process that aims to ensure that the product can be used in the context of a sustainable textile supply chain.

## 3 distinct stages

- **Screening** of chemicals agents against restricted or prohibited substance lists.
- **Analytical verification** to ensure the avoid no typical pollutants of the reference sector.
- **On-site audit** in the company to evaluate the environmental management system.



# OTHER CERTIFICATIONS

## GOTS (Global Organic Textile Standard)

It is an international standard for the certification of textile products made with natural fibers from organic farming. The standard defines very restrictive environmental and social criteria that apply to all stages of production..



Thank you

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