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MODULE 5

Sustainable Yarn, Fabric and Garment/Assembly Production

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MODULE 5

Sustainable Yarn, Fabric and Garment/Assembly Production

Unit 5.1 Yarn and Non-Woven Fabric Production in Circular
Economy

Unit 5.2 Knitting and Weaving Processes in Circular
Economy

Unit 5.3 Garment Assembly Production in Circular
Economy



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MODULE 5

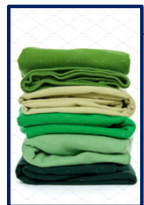
Sustainable Yarn, Fabric and Garment/Assembly Production



5.1
Yarn and Non-Woven Fabric
Production in Circular
Economy



5.2
Knitting and Weaving
Processes in Circular Economy



5.3
Garment Assembly Production
in Circular Economy

Brief description

The module covers:

- ▶ Major environmental impacts in the production steps of clothing textiles (resources, energies, waste...)
- ▶ Methods and processes to reduce the impacts (seamless, waste management, renewable energies...)
- ▶ Production based on ecodesigned processes (design for circular economy, disassembly, durability, customization...)

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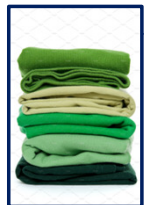
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Learning outcomes

Learners will be able to:

- ▶ Master the technical terminology in the field of sustainable production.
- ▶ Understand contemporary processes and concepts for sustainable textile production.
- ▶ Optimize production processes in the context of circular economy.
- ▶ Produce sustainable textiles using environmentally friendly or recycled materials and clean technologies.