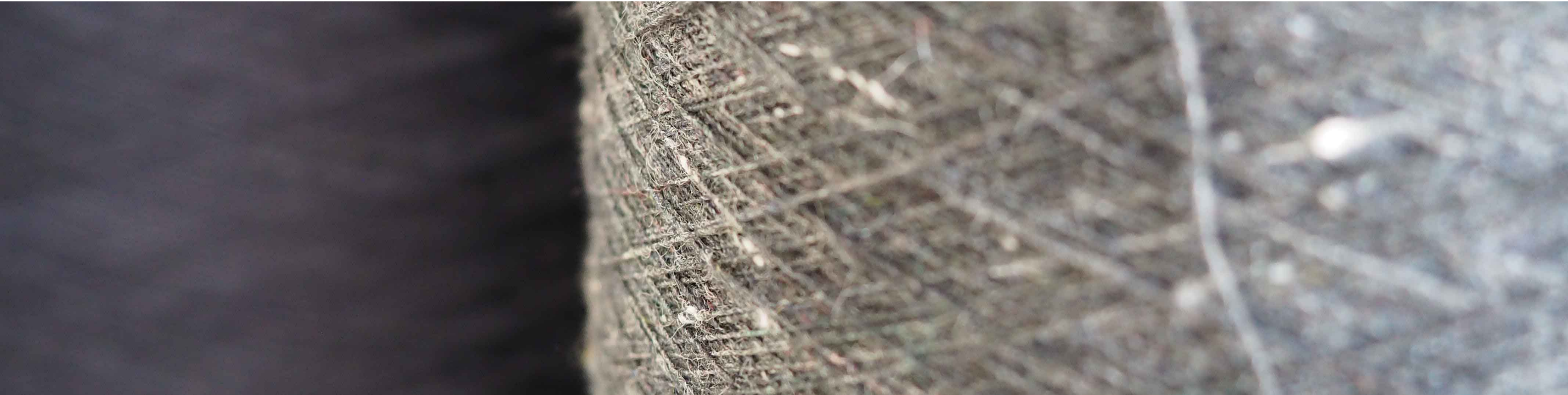


# SUMMARY

## Introduction to textile materials and their innovative possibilities



Developed by:



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## Goals



The main goals of this lecture are to explain the textile process and to discuss the fields of application of the fabrics.

This lecture covers the fundamentals and the needed background about general textile materials and complements the different lectures of DESTEX virtual training.

With this lecture, we aim to provide an overview about advanced textile materials, with examples of their applications.

# Textile materials: General textile process

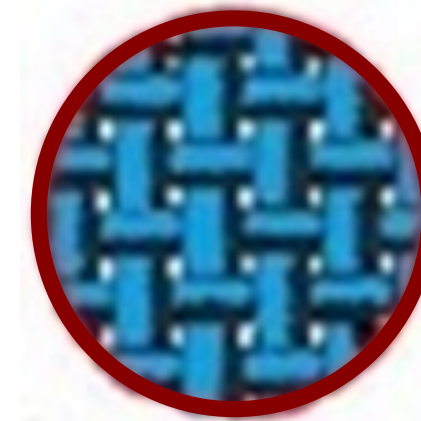
## TEXTILE PROCESSES

FIBERS

YARNS

FABRICS

DYEING & FINISHING

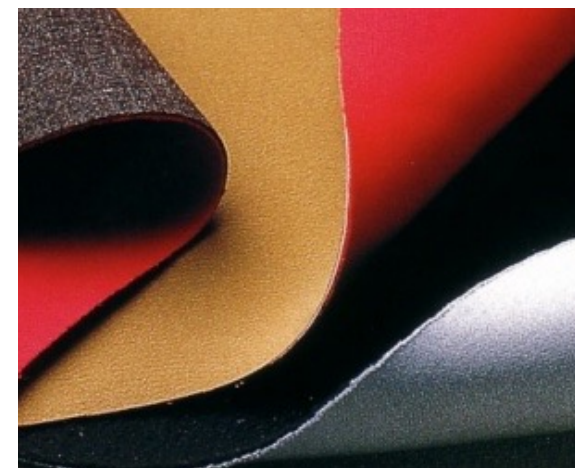




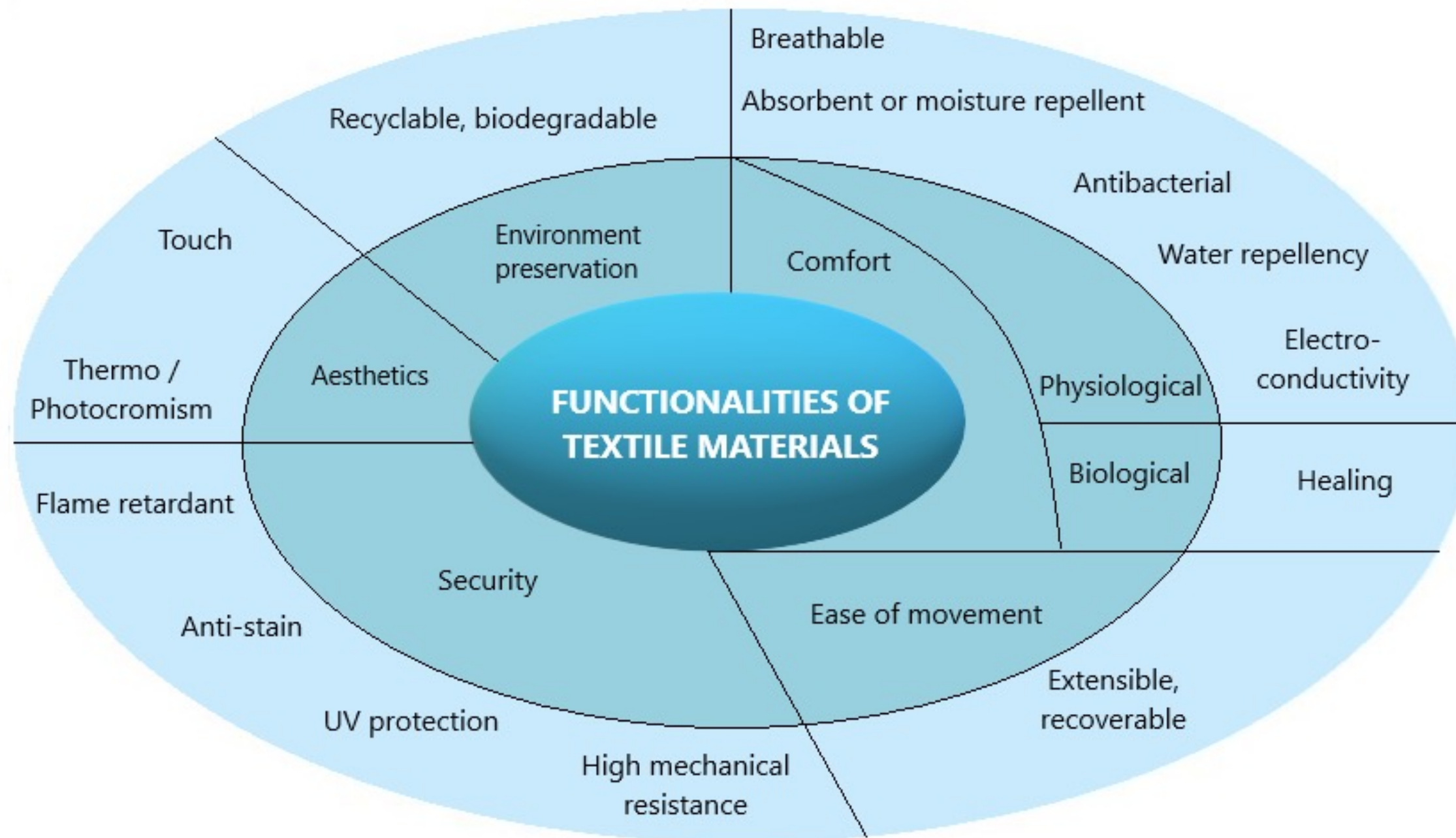
# Finishing processes

A finishing process is any process performed on the fabric to improve its look, performance, or "hand" (feel). There are a lot of finishing processes, so in general they are divided in the following categories:

- Dyeing
- Chemical finishing
- Mechanical finishing
- Coated and laminated fabrics



# Functionalities of the textile products





# Application of the textile materials



**Picture explanation:**  
Board of example  
pictures visualising  
technical  
applications



*This was a summary of an open educational resource. Please visit <http://destexproject.eu/> to see the full amount of intellectual outputs of the project.*

