HACKTEX

INNOVATIVE SMART TEXTILES & ENTREPRENEURSHIP

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Current stage of the project

1. HACKTEX training methodology and syllabus.

2. Virtual training program as a MOOC on functional and smart textiles with specific videos, training materials.

3. Industrial smart textiles bootcamp training program for intensive summer education course.

4. Creation of virtual methodological guide focused on smart textiles entrepreneurship.

5. Project Handbook of Good practices. Virtual training tools and blended methodologies to foster smart textiles into the manufacturing sector.

3. R3 – The industrial smart textiles bootcamp training program, led by the University of Borås was successfully executed last November. 26 students from Sweden, Greece, Spain and Romania, mixed in groups, used the training materials developed by the project to conceptualize and propose solid smart textile solutions throughout their training week, which was full of educational activities.

4. R4 – Virtual methodological guide focused on smart textiles & entrepreneurship has been concluded. The guide is an excellent tool that acts as a link between the research and innovation with the real market scene. It provides with specific methodology to R&D specialists and students to transform their knowledge in market opportunities. It is based on all the previous materials and resources developed by the HACKTEX consortium such as training materials, business model development knowledge, real cases of the smart textile sector...

5. R5 – Handbook of good practices is just under development. This handbook will collect the opinion from several fields, mainly academy and industry, regarding the good practices, the open challenges and the testimonials of HACKTEX partners regarding the blended training methodologies used to strengthen smart textiles in the sector.

MOOC, MOOC!

Do not miss the R2 deliverable, the MOOC/virtual training materials on functional and smart textiles. It is composed by video lessons, reading and presentations support.

It targets students as well as young specialists from textile companies, and its content will train the user on relevant knowledge on smart textiles.
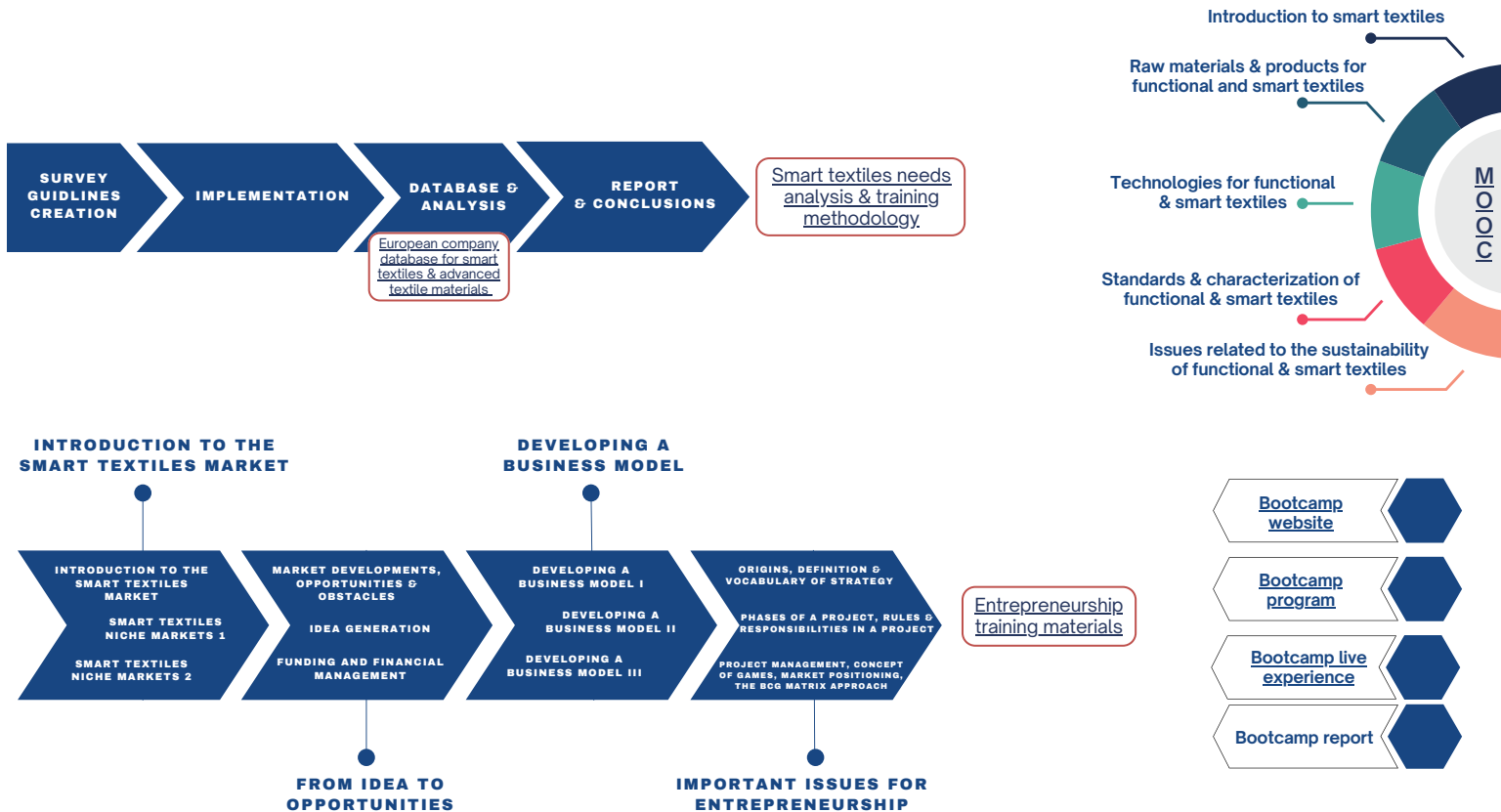
MOOC

Hacktex final speed up!

TThe HACKTEX project is in its final stage. After finishing the "Need analysis of the current situation of the smart textiles sector" in 2022, in 2023 the consortium brought to conclusion R2 "Virtual training program as a Massive Open Online Course (MOOC)", R3 "Industrial smart textiles bootcamp training program", and R4 "Virtual methodological guide focused on smart textiles entrepreneurship".

Almost all results have been successfully developed and the last consortium meeting will take place next June in Borås, Sweden.

In this meeting, the R5 "Handbook of good practices - Virtual training tools and blended methodologies to foster smart textiles into the manufacturing sector" will be validated and ready to be spread publicly. This last result will bring together the know-how and experiences collected from the implementation of the previous results and consolidate its further sustainability.

Zoom out: Hacktex results

SURVEY GUIDLINES CREATION → IMPLEMENTATION → DATABASE & ANALYSIS → REPORT & CONCLUSIONS → Smart textiles needs analysis & training methodology

European company database for smart textiles & advanced textile materials

Introduction to smart textiles
Raw materials & products for functional and smart textiles
Technologies for functional & smart textiles
Standards & characterization of functional & smart textiles
Issues related to the sustainability of functional & smart textiles

MOOC

INTRODUCTION TO THE SMART TEXTILES MARKET

DEVELOPING A BUSINESS MODEL

INTRODUCTION TO THE SMART TEXTILES MARKET / SMART TEXTILES NICHE MARKETS 1 / SMART TEXTILES NICHE MARKETS 2 → MARKET DEVELOPMENTS, OPPORTUNITIES & OBSTACLES / IDEA GENERATION / FUNDING AND FINANCIAL MANAGEMENT → DEVELOPING A BUSINESS MODEL I / DEVELOPING A BUSINESS MODEL II / DEVELOPING A BUSINESS MODEL III → ORIGINS, DEFINITION & VOCABULARY OF STRATEGY / PHASES OF A PROJECT, RULES & RESPONSIBILITIES IN A PROJECT / PROJECT MANAGEMENT, CONCEPT OF GAMES, MARKET POSITIONING, THE BCG MATRIX APPROACH → Entrepreneurship training materials

FROM IDEA TO OPPORTUNITIES

IMPORTANT ISSUES FOR ENTREPRENEURSHIP

Bootcamp website
Bootcamp program
Bootcamp live experience
Bootcamp report

For more information: www.hacktex.eu

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