



**Digital learning  
technologies to  
accelerate  
innovation in the  
field of medical,  
protective,  
sensorial and smart  
textiles**

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**DIGESTEX**

**Textile digitalization based on  
digital education and  
innovative e-Tools**



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# THE PROJECT

DigiTEX project aims **to support** innovative approaches and **digital learning technologies to accelerate innovation, teaching and learning** in the field of medical, protective, sensorial and smart 3D textiles design, testing and manufacturing of the innovative advanced products for healthcare (protective equipment, wearable monitoring devices) **in the context of the digital economy.**

## ACTIVITIES

Appart of the defined outputs of the project, the consortium will focus on specific objectives

and educational actions, that will lead and enhance this innovation acceleration:

- Virtual workshops
- Learn and teach about 3D prototyping
- To study the context and the best practice for use, apply and recycle several textile materials
- To study, learn and disseminate the aspects concerning the smart textiles

## OUTPUTS



An e-learning platform to host the project intellectual outputs and as a course management system

A Book of "Medical, sensorial and protective textiles development in the context of the European economy and digitalization"



A database development - knowledge about medical, protective, sensorial and smart textiles

A book of best practices "Smart sensors based textiles from production management to end-user"

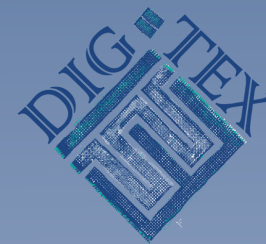


A virtual tools for training - innovation boosting based on creative knowledge mapping

A toolkit for accelerating innovation in medical, protective, sensorial and smart textiles based on creative methods



## THE PARTNERSHIP



## PARTNERS



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