

# Background paper for the innovation center in ISET



#### **Tunisian Textile & Clothing industry**



Number of companies with more than 10 employees (February 2021): 1530

Number of employees (February 2021): 157742

**Exports** (2020) : **€ 2.107 billion** 

Industry T&C share in total exports (2020): 17,47%

The WINTEX project seeks to provide the T&C sector of Tunisia with a push toward more added value products.

The national report (D1.2 of the WP1) highlighted the importance of the applied research activities to respond to the industrial needs and expectations to ensure the transformation of the Tunisian textile industry from subcontracting to finished product. This metamorphism will be done, among others, with the setting up of 3 innovation textiles' centers in HEIs: Sfax University, Monastir University (ISMM) and ISET Kasr Hellal.



#### Strategic orientation in terms of textile development:

Nanofibers, nonwoven

Technical textiles manufacturing

Functionalization surface treatment



### **Equipment:**

- Electro-spinning unit,
- Extrusion and melt-blown die assembly,
- Web forming, edge-cutting & winding unit,
- Vacuum furnace and ultrasonic bath,
- Lab calendaring machine,
- Manual hot press,
- Warping machine



- Encourage the **technology transfer** in close collaboration with industrial companies,
- Building and reinforcing knowledge of the most contemporary new technologies in nonwoven fabrics and composite materials,
- Prototyping technical textiles. especially Meditech, Protech, Indutech, Mobiltech, Buildtech, Sporttech, etc.
- Design and develop new projects in relation to the circular and sustainable economy.



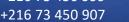
## Total Budget: 99 780 €



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