

## Sustainable Spunlace Process and Products

### Problem / Motivation

- Fundamental issues are rising energy costs and the search for energy efficient and sustainable solutions to maintain global competitiveness **GROZ-BECKERT**
- The motivation behind the project is the development of an energy and technological basis for a sustainable and resource-efficient spunlace production
- Main applications are hygiene, medical and technical spunlaced nonwovens
- The project focuses on reducing the CO<sub>2</sub> footprint in order to counteract the ecological impact of production

### Solution

- Description of the main influencing parameters and the development or implementation of a sustainable, resource-efficient spunlace production of spunlace nonwovens.
- The aim is to save process water, energy and natural gas in order to increase sustainability and economic efficiency
- Production of spunlace nonwovens with minimal use of energy/process water in accordance with product-related quality specifications



Spunlace line for the production of spunlace nonwovens at STFI

### Project Launch

04/2024

### Project Partner

Groz-Beckert KG

### Acknowledgement

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The final report on this project is available on request.

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