

European Social Fund Plus 2021/2027

FSE+

PPO 2023 S.P. 22/23

Support for higher education within the regional university

With Decree No. 17895/GRFVG of April 19, 2023, the Friuli Venezia Giulia Region published the Notice regarding the submission of operations for Specific Program No. 22/23, which aims to support higher education within the regional university system.

Line A – PhD Programmes

Specific Programme 22/23, through the funding of doctoral scholarships, contributes to the achievement of the objectives of the Sustainable Smart Specialisation Strategy (S4). It supports the development or strengthening of integration with the regional production system and/or research organisations, through coordination and collaboration mechanisms with regional enterprises or research bodies, or by leveraging the potential for technology transfer of processes, products, applications, or, more broadly, research outcomes.

- Notice 2024
- 40th cycle
- Unique Project Code (CUP) J93C23001490008
- Project 2024/1543/6

Doctoral Programme in **Circular Economy**

“Society 5.0, sustainability, and international strategies of manufacturing companies in the Friuli Venezia Giulia region”

Industry 5.0 enables manufacturing companies to enhance their performance in terms of efficiency, sustainability, and international competitiveness. It also facilitates the optimisation of flows and the improvement of supply-demand alignment within both local and global value chains.

From the perspective of the smart factory, emerging technologies play a crucial role in strategic decisions regarding production localisation and the choice between internalisation and outsourcing of activities within the value chain.

This research project pursues two main objectives:

To investigate the impact of technologies on sustainability and international strategies of companies operating within the Made in Italy value chains in the Friuli Venezia Giulia region.

To understand the role of technologies in building sustainable and competitive local value chains in a global context.

The project aims to generate new evidence on companies across various regional value chains through collaboration with local entities and institutions (e.g., clusters, technology parks). The study's findings will highlight both risks and opportunities associated with technological adoption and sustainability strategies, providing valuable insights for policymakers tasked with designing measures to support the international competitiveness of local value chains.