

Fondo Sociale Europeo Plus 2021/2027

FSE+

Sportello 2025 P.S. 20/24

Sostegno alla realizzazione di dottorati di ricerca

With Decree No. 9526/GRFVG of February 28, 2025, the Friuli Venezia Giulia Region published the Notice regarding the submission of operations for Specific Program No. 20/24, which aims to support higher education through the realization of PhD programs.

Specific Programme 20/24, 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.

- Sportello 2025
- Ciclo 41
- CUP J93C25000640008
- Progetto 2025/6525/22

Dottorato in Circular Economy

"Sustainability of the Agri-food Sector in Friuli Venezia Giulia: Life Cycle Thinking and Circular Economy Approaches"

As is known, the agri-food sector needs to increase competitiveness by adopting more sustainable practices and technological and organizational product/process innovations, particularly for enterprises with marked typicality, quality, and specialization. In this context, circular economy and bioeconomy models supported by environmental, social, and economic impact assessment tools throughout the entire product life cycle (Life Cycle Thinking) become strategic. The transition toward such models involves both the organization of supply chains and consumer demand. Indeed, on the supply side, companies are encouraged to adopt strategies and tools aimed at: technological improvement and the rationalization of production cycles for the efficient use of resources, including energy and water; better supply chain coordination; the adoption of quality/environmental management systems and certifiable labeling schemes. On the demand side, however, information becomes available that promotes responsible consumption choices regarding food safety and health, quality and identity, typicality and origin of products. This is consistent with the European Farm to Fork strategy of the CAP and the European Green Deal. The present project fits into this field, aiming to evaluate, through case studies (e.g., wine, oil, hemp, two-row barley supply chains) and the adoption of a Life Cycle Thinking approach, the effective sustainability of circular and bioeconomic practices, with particular attention to certain supply chains of high specialization, innovativeness, and quality. The expected results aim at the transfer of acquired knowledge to the agri-food system with the goal of increasing and improving the resilience, competitiveness, and sustainability of SMEs, the knowledge and skills of producers, the professionalism of business operators, and to guide consumers toward more responsible choices.