

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 2025/6525/20

Dottorato in **Circular Economy**

“Models and Methods for Optimising Intermodal Sea-Land Transport in Coastal Cities”

The project proposes the development of models and methods to favor intermodal and multimodal solutions for an efficient sea-land connection in the transport of goods and passengers. Following a literature analysis to understand the state of the art on existing models and methods, the candidate will analyze traffic data with advanced statistical methods to feed subsequent simulation models which, once calibrated and validated, will be aimed at making intermodality in freight transport efficient, through the integration between ports and inland ports, and multimodality in passenger transport, by analyzing pedestrian flows. For a quantitative comparison between various project scenarios, performance indicators will be defined, which are also functional for conducting multicriteria analyses. The expected innovative solutions aim to make the logistics chain efficient and to promote the technical, economic, social, and environmental sustainability of sea-land connections.