

## Proposed Title and Research Focus

### PNRR DM 629 Project - part of the general call

Candidates applying for this call should indicate in their application which of the positions they are applying for (one or both). If they do not specify, their application will be accepted for both positions and the selection committee will make an allocation that cannot be contested. Applicants should be aware of the consequences of their decision on the likelihood of success of their application beyond the formal selection criteria.

#### **Addressing the Future Challenges of Public Health Systems through Digitalization, Innovation, and Sustainable Management Practices**

The intended research topic of the doctoral student will primarily address Mission 1 "Digitalizzazione, innovazione, competitività, cultura e turismo", 2 "Rivoluzione verde e transizione ecologica" and 4 "Istruzione e ricerca" preferably in conjunction with Mission 6 "Salute". The territorial and national health system, which is predominantly supported by public administration, has been stretched to its limits, not least by the COVID pandemic. Despite efforts that have already been made, there is a large backlog of innovation and investment as well as a lot of unused efficiency potential in the areas of information and communication technology (e.g., AI, networking, patient files), the reorganization of structures and processes as well as training and further education, especially in the areas of management and employee leadership. On the last aspect, there is already a cooperation with the Faculty of Economics and Management. The specific interdisciplinary research topic should be carried out in close coordination with the Südtiroler Sanitätsbetrieb in order to ensure, among other things, that the doctoral student has the opportunity to work in public administration. Although it is evident that the innovative use of ICT and its organizational embedding inherently contributes to a more sustainable administration, ecological and social sustainability should be used as concrete goals. The primary goal is to improve healthcare and fulfill patient needs while taking demographic change into account. On the one hand, extensive studies and research at home and abroad can be used. On the other hand, there are numerous opportunities to valorize and disseminate research results at national and international levels.

**Mission Alignment:** This doctoral research project aligns with the priorities of Missions 1 ("Digitalizzazione, innovazione, competitività, cultura e turismo"), 2 ("Rivoluzione verde e transizione ecologica"), and 4 ("Istruzione e ricerca"), with a particular focus on Mission 6 ("Salute").

For further information please contact the academic coordinator, prof. Michael Nippa (unibz)