





Instituto Politécnico de Bragança


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Type of organisation:

SME School University Public Authority
 Training No Profit NGO

Other (Specify)

Fields of action :

SMEs Youth Universities Public Authorities
 Equal opportunities Schools Unemployed

Other (Specify)

Description of the organisation

The Polytechnic Institute of Bragança (IPB) is a higher education public institution with a defined mission of creating, transmitting, and diffusing technical-scientific and professional knowledge through the articulation of study, teaching, applied research and experimental development. IPB belongs to the European Network for Universities of Applied Sciences (UAS4EUROPE), which main objectives include the transferability of professional skills and the integration of applied research on professional and technological education.

Founded in 1983, IPB is currently composed by five schools. Its activities embrace a wide area of knowledge and technology, such as: arts, communication and multimedia, business sciences and law, education and teachers training, agriculture sciences and natural resources, health, tourism, sports, technologies and engineering.

IPB has also developed an internationalization program, with a widely recognized success, which includes the annual mobility of more than 900 external and internal students and 300 teaching and non-teaching staff members, as a result of the cooperation with several European HEIs, Universities from Portuguese-Speaking Countries and all over the World.

Considering its dimension (9000 students and 500 full time equivalent teachers), IPB is placed in the first line of the international mobility. Considering the latest governmental data, 30% of IPB graduates had an international mobility experience during their study program, which remarkably establishes IPB above the objectives determined by EU for 2020 (20%). IPB also distinguishes itself as a partner in several European projects.

IPB is one of the few Portuguese HEIs awarded with both the ECTS and the DS Labels (Diploma Supplement), thus assuring the quality and management transparency of both the academy and professionals (www.ipb.pt/iro, www.ipb.pt/ectsguide, www.ipb.pt/sd). IPB is a certified institution awarded with ISO 2001:2008 standard certificate, our Planning and Quality Management Office implements mechanisms of quality control in order to improve services and ensuring the adherence to financial implementation projects.

The Escola Superior de Saúde de Bragança (ESSa) is one of five schools integrating IPB which purpose is the training and education of 1st and 2nd cycle scholars and postgraduate students, alongside with the development of research and the provision of health services to the community. Throughout its existence, ESSa has pursued to combine a strategic educational growth and pursuit for formative quality together with the achievement of its institutional function, and for that reason it has deserved the recognition of other educational institutions, health and the community in general. As a higher education institution, it currently fulfills an important training space in health sciences, standing and highlighting its position as a cornerstone for region's development.

The Mountain Research Centre (CIMO) is a National Research and Development division of excellence, funded by FCT, a Portuguese public agency that supports science, technology and innovation, which is established and located at IPB. CIMO conducts research on Mediterranean mountain systems following an interdisciplinary strategy to go from Nature (raw materials, natural resources, biodiversity, agriculture, forest management) to Products (Food and Bio-based materials). CIMO applies a holistic and interdisciplinary research approach, integrating natural, social and engineering sciences to promote sustainable development through the use of endogenous resources and creation of value chains. CIMO aims to promote scientific and technological development and their transformation into global opportunities to socioeconomically reinforce mountain ecosystems taking advantage of a successful past experience and a consolidated national/international leadership. The CIMO has currently 137 members, which comprises 80 PhD integrated members, 37 integrated PhD students, 20 Project Grant researchers and 15 collaborators.

In this context, CIMO aims to contribute towards the development of the country, namely of the Northern region, according to the "Norte 2020" guidelines, by turning regional challenges into opportunities and extending their socio and economic impact to national and international levels. The diversity of background and expertise of their members suits CIMO's main subject of study: complex physical-biological-human mountain systems.

Experience of the organization in previous European projects

IPB has experience in projects related to teaching and scientific research, ESSa is focused on health topics, organizing and being part of several projects as:

BioFirEx: A panel of (bio)markers for the surveillance of firefighter's health - The BioFirEx project aims to use a multidisciplinary approach to perform a comprehensive assessment of firefighter's occupational exposure to hazardous pollutants generated by forest fires, evaluate the associated impacts on occupational health and safety and, as ultimate goals, to identify a set of appropriate (bio)markers for the surveillance of the occupational exposure and workers' health and safety, and establish a list of recommendations/good practices based on health related evidences. Occupational safety will be also evaluated through characterization of subjects' personal protective equipment contamination after firefighting, promoting the identification of key weaknesses.

Demola - The Demola project is based on the development of multidisciplinary projects based on real challenges or

community problems (companies and institutions) that require innovation and where a wide variety of skills is needed. The student will be placed in a team work context, in multidisciplinary, multinational, multicultural and co-creation environments. <https://if.ipb.pt/>

Neuroqualyfam - consists of strengthening cooperation between research institutions at the level of the study of neurodegenerative diseases, to improve the quality of family life and optimize support and assistance resources for caring families, within the geographical scope of the cross-border area of Castile and Leon, the Center and Northern Portugal.

AgeNortC - The "AgeNortC project – Aging, social participation and early detection of addiction: Empowering for the 4th age" seeks to examine aspects of successful aging in middle age and seniors in order to gather indicators for early detection of addiction. Social participation (involvement in community activities), as an element that favors success in aging, is one of the central vectors of this study.

Psiwell - This is a European and transnational study that aims to promote social inclusion, equity and wellbeing for risk families in Europe through an intervention program for parents of children with special needs <http://www.psiwell.eu/index.php/en/>

Experience and Expertise of the organization in the project's subject area

ESSa, as very experienced health school, can offer several formative options for graduates and post-graduates' students, focused essentially on delivering precise and up-to-date knowledge, based on scientific evidence for good practice. ESSa can then offer studies in Nursing, and other health fields, as: Pharmacy, Gerontology, Laboratory Biomedical Sciences and Dietetics and Nutrition.

Specifically in Nursing, we can offer specialist training and education in:

- Master's degree in Nursing Rehabilitation
- Master's degree in Applied Health Sciences
- Master's degree in Community and Family Health Nursing
- Master's degree in Medical-Surgical Nursing
- Master's degree in Medical-Surgical Nursing in Nursing to The Person in Critical Situation
- Post-Graduation in Nursing Management
- Post-graduation in Palliative Care

Reasons of involvement in the project

As said above, IPB's main purpose includes the transferability of professional skills and the integration of applied research in their professional and technological education core. By being part of this project we will be adding to the mission of this institution, and, as a health school, we will also be contributing to something major that we all as a community can benefit from, which is the development and improvement of Nurses at a European level.

The members included in this project, in addition to being experts in the field nursing, have been involved in other national and international projects.

Contact Person's Experience and Expertise

Celeste Meirinho Antão, graduated in Nursing 1997, and Psychology PhD in 2009, teacher at Health School, since 2004 and IPB Institutional Coordinator of the present project.

Raquel Rodrigues graduated in Anthropology - Ethno-cultural specialization. Since 2004 is a member of IPB International Relations Office. Responsible for European projects management.