


Associação Centro Ciência Viva de Bragança

Name of the organisation:	Associação Centro Ciência Viva de Bragança	
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Function:	Project Finance Manager	
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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

Centro Ciência Viva de Bragança (CCVB), one of the 21 national Ciência Viva Science Centers, belongs to a joint national network that fosters science education and public understanding of science, promoting the success of knowledge-based societies. Therefore, it constitutes a platform for collaboration between municipalities, higher education institutions and scientific research centres, which has been playing an important role in the dissemination of science and technology to the population, promoting a culture of innovation and competitiveness.

The CCVB is guided by the following principles and has the following achievements:

- (i) Attractiveness improvement of CCVB, through offering purposeful activities focused on science education, based on consolidated projects, such as the "Ciência Viva School", a school in a museum, using its resources and the teaching methodology "Inquiry-Based Learning" and the implementation of the "Natureza Virtual" project exhibits, with digitalization state of the art technology
- (ii) Part of national and international scientific dissemination projects, together with the National Agency Ciência Viva and the Polytechnic Institute of Bragança;
- (iii) Strong relationships between CCVB and districts' Schools, through the project "Promoting scientific and technological skills" of the Inter-Municipal Community Terras de Trás-os-Montes, fighting school failure in informal and formal learning environments;
- (iv) Active work in national and international networks with institutions of various nature, with established collaborations and partnerships in projects and fundraising.

Experience of the organization in previous European projects

As promoters:

- 3 European projects on adult education (Erasmus+ KA1) ongoing between 2015 and 2020. [references: 2015-1-PT01-KA104-012593; 2016-1-PT01-KA104-022476; 2017-1-PT01-KA104-035548;] – it aimed the mobility and training of our team.
- 1 PROMOVE PROGRAM project by Fundation "la Caixa", entitled Virtual Nature [2018-2021] – it consists of a new exhibition with contents related to Nature and Digitalization;
- 1 INTEGRA project by Ciência Viva National Agency [2016-2018];
- 1 Science Education Project Combating school failure with the intermunicipal Community Terras de Trás-os-Montes (CIM-TTM) [2018-2021]. It aims to reach every school of this rural region with science education formal activities in the classroom, training teachers, among other scopes of non-formal activities
- 1 Ciência Viva School of Braganza [since 2019]. For 4th graders of all schools of Bragança.
- Public Participation Laboratories (citizen science project) funded by Ciência Viva National Agency [2016-2018].

As partners:

- 1 European project named "aCT-Cooperatively Transmediate" an Erasmus+ KA2, with partners from Italy (promoters) and Spain [reference 2019-IT-KA203-062432].
- 1 project funded by Foundation for Science and Technology called SilkHouse, with IPB [2016-2019];
- 1 European Researchers Night (2016 and 2017) coordinated by Ciência Viva National Agency and Funded by UE;
- 1 project called "Forests and chemistry as motives for scientific dissemination activities". Project ON.2 Refª Norte 01-0125FEDER000034 [2013/2015];
- 1 project called "Update of exhibition content and design, production and installation of outdoor signage". Project ON.2 Refª Norte 07-0125FEDER000025 [2012/2014];
- Junior Science Project - Pcc88 – Programme Parents with Science [2012/2014] funded by Ciência Viva National Agency, among others.

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

The primordial mission of the CCVB since 2007 has been to disseminate science and technology in society and promote educational and scientific tourism. It aims to become an even more recognized pole of knowledge, in cross-cutting areas and of proven importance for society.

We have expertise in producing exhibitions since we have had some projects:

- 1 major **Exhibition** entitled "**Why are we as we are? Evolving for 4570 million years**", about perspective of Evolution through 5 key areas of Science (Mathematics, Biology, Geology Chemistry and Physics) funded by Ciência Viva National Agency [2014/2016].
- 1 temporary **Exhibition** "**Integrated Biosphere**", of Photography and Ecology;

In the Virtual Reality filed we have an ongoing project until the end of 2021:

- 1 PROMOVE PROGRAM project by Foundation "la Caixa" (Barcelona), entitled **Virtual Nature** [2018-2021];

This project, "Virtual Nature", among other tasks, had a VR App development focused on the educational travel for the touristic region of the International Biological Station of Duero-Douro and its consideration to the visitors of the Bragança Ciência Viva Science Center. This project aims to foster learning and scientific knowledge related to environmental issues for the science center visitors, and for promoting an educational destination travel. Further, the project explores tourists' experience of VR and analyzes the feedback of other aspects of interaction such as haptic interaction, animated-characters and 3D objects.

Contributions that can be provided to the project

CCVB is the promoter in charge of the project, and so it is our responsibility to ensure compliance with all aspects, along with the partners, in their specific tasks. We can also contribute with experience both managing European projects as well as producing VR products.

CCVB is prepared to manage the project, since it has 13 years of experience and its supported by a well-prepared team and institutional partners.

Reasons of involvement in the project

We are the promoters and we aim to achieve the goals settled in the application.

Contact Person's Experience and Expertise

Ivone Fachada currently is executive Director at the Bragança "Ciência Viva" Science Centre. Post-graduation in History of Science and Science Education at the University of Aveiro and University of Coimbra (interdisciplinary PhD). Master's degree in Nature Management and Conservation at the University of Azores. Has a degree in Forest Engineering at the Polytechnical Institute of Bragança. Member of ScicomPt - National Science Communicators Network, being part of the Board of this Association from October 2017 to May 2020. Head manager and legal institutional responsible for several National and European projects such as: 4 ERASMUS+ projects [references: 2015-1-PT01-KA104-012593; 2016-1-PT01-KA104-022476; 2017-1-PT01-KA104-035548; 2020-1-PT01-KA204-078597]; 1 PROMOVE PROGRAM project by Foundation "la Caixa", entitled Virtual Nature [2018-2021]; 1 INTEGRA project by Ciência Viva National Agency [2016-2018]; 1 Science Education Project Combating school failure with the intermunicipal Community Terras de Trás-os-Montes (CIM-TTM) [2018-2021]. Ciência Viva School of Bragança [since 2019]. Public Participation Laboratories (citizen science project) funded by Ciência Viva National Agency [2016-2018]. Partner head manager in several projects such as 1 ERASMUS+ Project 2019-IT-KA203-062432, 1 project funded by Foundation for Science and Technology called SilkHouse, with IPB [2016-2019]; European Researchers Night (2016 and 2017) coordinated by Ciência Viva National Agency and Funded by UE; Exhibition Why are we as we are? Evolving for 4570 million years, funded by Ciência Viva National Agency [2014/2016]. Local Coordinator of several projects at CCVB such as: (i) Forests and chemistry as motives for scientific dissemination activities. Project ON.2 Refª Norte 01-0125FEDER000034 [2013/2015]; (ii) Update of exhibition content and design, production and installation of outdoor signage. Project ON.2 Refª Norte 07-0125FEDER000025 [2012/2014]; Junior Science Project - PcC88 – Programme Parents with Science [2012/2014] funded by Ciência Viva National Agency, among others.

Teacher trainer, accredited by the Scientific and Pedagogical Council for Continuing Education in the domains: "A64-Environmental Sciences" and "D08 - Environmental Education".

Author or co-author of more than thirty journal papers, conference proceedings and book chapters. More information: <https://orcid.org/0000-0002-5807-9140>; https://www.researchgate.net/profile/Ivone_Fachada

Estefânia Gonçalves is currently Project Manager at the Braganza “Ciência Viva” Science Centre. Master’s degree in Renewable Energies and Energy Efficiency and a degree in Environmental Engineering at the Polytechnic Institute of Braganza. Member of ScicomPt - National Science Communicators Network.

Senior Manager and responsible at CCVB for the following projects: PROMOVE PROGRAM project by Foundation “la Caixa”, entitled Virtual Nature [2018-2021]- CCVB as a promotor and Silk House – Development of a smart microgrid based on renewable energy sources and monitoring system for the House of Silk - project funded by Foundation for Science and Technology, with IPB [2016-2019] - CCVB as a partner. Project manager for European projects with the CCVB as a promotor, such as: 4 ERASMUS+ projects [references: 2015-1-PT01-KA104-012593; 2016-1-PT01-KA104-022476; 2017-1-PT01-KA104-035548; 2020-1-PT01-KA204-078597]. Project Manager in projects with the CCVB as a partner, such as 1 ERASMUS+ Project 2019-IT-KA203-062432; European Researchers Night (2016 and 2017) coordinated by Ciência Viva National Agency and Funded by UE. IPB students Advisor at CCVB in the area of Environmental Education. Author or co-author of several papers and communications in national and international conferences.

Nelson Pinto – CCVB Computer Technician / maintenance - Degree in Management Informatics. He has been an IT teacher for 5 years. Since September 2019 in the exercise of his functions at CCVB, he is responsible for the Technical and Information Systems department.

Margarida Rodrigues - CCVB Financial Management - Graduated in Business Management, she performs functions of technical-administrative nature, in the areas of budgetary and financial management of the CCVB, which involve ensuring budget information procedures and available funds, as well as preparing, execution maps and other elements of financial control. relevant. Add to their functions the registration of all accounting, billing, management and treasury operations, ensuring the application of the current legal rules.