



SCIENTIFIC RESEARCH SUMMARY

2019-2024

FICHA TÉCNICA

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Foreword

The VALORIZA – Research Centre for Endogenous Resources Valorisation is a Portuguese research unit created in 2018 in the Portalegre Polytechnic University, as a multidisciplinary research center, being evaluated as VERY GOOD by the Portuguese Foundation for Science and Technology (FCT) and having obtained funding in the period 2019-2023 (then extended to 2024).

Over that period, the number of integrated members had always growing, going from 23 integrated members in 2018 to 35 integrated members in 2023, reaching a total of more than 700 publications, including articles, books and book chapters, going from less than 10 projects in 2018 to more than 50 projects approved in 2024 and from an execution of financed projects of around 200.000 euros in 2018 to more than 4.000.000 euros in 2023.

In strategic terms, one of the elements that guided us throughout this period was the fact that, during the first evaluation by the panel of experts, coinciding with the creation of VALORIZA, the lack of projects with an international impact was identified as a weak point. Over time, without neglecting the investment in projects with regional and national financing and action, several VALORIZA researchers made applications for international projects, ending 2023 with four European projects underway, financed by Horizon Europe, including the coordination of a COST action, with financing exceeding 3 million euros (while in 2024 we already had another new European project approved).

The present report is organized as follows: Chapter 1 presents the overview of the center, with a general description, the main contributions, the way as the activity plan was fulfilled, the research lines and the composition of the center. In Chapter 2, the report shows the main indicators, which some of them are then described in the Publications (in Chapter 3, split by articles published in Scopus indexed journals, articles and chapter published in scientific books and also published books), in the number of supervisions (in Chapter 5) and in the number of funded research projects (in Chapter 6). In this particular, the list of projects is extensive, and allowed the research center to achieve very relevant levels of collaboration and international recognition. On the one hand, expanding the network of international collaborations, both at the level of HEI and at the level of business partners, both within the scope of national and international projects. A very relevant example is, once again, the project Guardiões, which allowed not only the involvement of CPLP countries but also the recognition of the UN itself as an example of good practices.

The report also has information about the editorial activities of the members, the presentations at conferences and seminars as well as the events organized by VALORIZA.

Actually, the VALORIZA has a higher laboratory intensity. In fact, the unit carries out applied research, developing technologies using industrial and pilot equipment, developing work in partnership with industry. Some of the equipment is as follows:

Gasification Plant - Fluidized Bed Reator | Fluidized Bed Gasification Unit. The fluidized bed gasification unit is a semi-industrial unit, with a raw material consumption capacity of up to 100 kg/h and a reactor about 5 meters high.

Gasification Plant - Fixed Bed Reactor | Fixed Bed Gasification and Energy Production Unit. The gasification unit (Power Pallet 20) produces electricity through the thermal gasification of fuels from different sources, where forest, domestic and industrial by-products stand out. It has a production capacity of up to 15 kW of electrical energy with a consumption of about 20 kg/h of biomass.

Bi Fuel engine | Bi Fuel Engines (Otto and Diesel). The Otto and Diesel engines make possible to study, with the partial or total addition of syngas, biogas and hydrogen, the behavior and emitted emissions of these types of engines.

Biomass Boiler | Boiler. The boiler allows the heating of sanitary water through the burning of biomass. It consists of the burner and water tank and a separate silo where the biomass is placed (usually pellets). The equipment allows the programming of a sanitary water temperature and will carry out the consumption of pellets according to the desired temperature. The debited power is between 20 and 30 kWth.

Anaerobic Biodigester | Biodigester. The equipment with a treatment capacity of 2 m³, allows the control of temperature, pressure, and agitation. Once the equipment is loaded, the bacteria start the co-digestion process, degrading the organic matter and producing biogas and biofertilizers (liquid and solid). In addition to the bioreactor, the equipment also includes two tanks: one allows the removal of the sample from the equipment and the other tank allows it to be fed.

Anaerobic Biodigester Set | Biodigester. Set of four 8-liter biodigesters, which operate in conditions like the 2 m³ bioreactor. Biodigesters complementary to the process with greater capacity and which aim to study the behavior of various mixtures of effluents, so that they can later be replicated on a semi-industrial scale.

Electrolyser | Fuel Cells and Hydrogen. Dry hydrogen production electrolyser, pure (99.9%) and compressed at 30 bars. This technology uses a cell with a solid polymeric membrane, producing hydrogen of excellent quality and at a low production cost.

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Fuel cell | Fuel Cells and Hydrogen. The fuel cell is an electrochemical cell that permits the chemical energy of a fuel (hydrogen) and an oxidizing agent (oxygen) into electricity through a pair of redox reactions. The equipment produces 24 V of electrical energy.

Pelletizer | Biomass compression. The pelletizing unit allows compressing the ground biomass and transforming it into pellets, small 6mm cylinders, with high energy value and low moisture content. This pelletizing unit has a power of 3 kW and allows the production of up to 50 kg/h of pellets.

Mill | Biomass milling. The mill with 100 kW of power is an auxiliary equipment to produce pellets. The material to be powdered is introduced through a feed system, which controls the flow and removes stones and metals, before entering the crushing chamber, where it is ground by the high speed of rotation of hammers. The unit crushes and grinds biomass to diameters of less than 3 mm, and has a processing capacity of over 1000 kg/h.

Rotary dryer | Biomass dryer. The rotary dryer with a capacity of 3 m³/h, basically consists of a rotating cylindrical drum where heat is introduced through a biomass boiler and material to dry, in concurrent.

Solar concentrator | CPC. The CPC unit (“Compound Parabolic Concentrator”) is a photocatalytic decontamination reactor.

Instruments | Scale - moisture content. The OHAUS scale, model mb200. It incorporates a thermal resistance that allows the removal of moisture present in the raw material, while weighing.

1. Overview

1.1. General Description

VALORIZA is a multidisciplinary Research Unit (RU) located in Portalegre, a low-density territory with a rural and cross-border matrix. Due to its location between three metropolitan areas (Lisbon, Madrid and Seville, where live more than 10 million people), it exhibits a strategic geographical centrality. Its scope of activity and strategic objectives converge towards the valorization of endogenous resources, in compliance with the principles of circular economy, in low-density territories, which represent about 2/3 of Portugal.

The RU objectives are the promotion of applied research activities based on experimental development and on knowledge production and transfer, with potential impact on territorial development processes and dynamics, and the research and valorization of endogenous resources not only but more focused on low-density cross-border territories.

The RU research team was organized in an inter and multidisciplinary way, bringing together competencies in multiple fields of knowledge, which in different ways and from different perspectives work on the valorization of endogenous resources in low-density territories related questions, concentrating its main research effort on three core thematic areas: (i) Energy and waste valorization; (ii) Sustainable production and the environment; (iii) Valorization of low-density crossborder territories.

VALORIZA integrates many Laboratories to support education, training and research processes, and also several other infrastructures committed to the promotion of applied research, graduate education, innovation, technology transfer, internationalization, knowledge dissemination and entrepreneurship, highlighting its applied nature. It is possible to highlight some relevant labs and research structures for the different domains: Bioref colab and Hydrogen Academy for Energy and waste valorization or InnovPlantProtect and Inovtechagro for sustainable production and environment, research domains linked circular economy, where Alentejo Circular Lab could be indicated for this research domain. Most of those structures are directly coordinated of with a strong linkage to the RU (for detailed information see 5.2 and 5.4).

Assuming itself as an RU strongly committed to the territory, VALORIZA integrates into its research agenda a set of scientific and technological challenges aligned with the regional smart specialization strategy, namely: food and forestry, economy of the mineral, natural and environmental resources, critical technologies and energy, and technologies and specialized services of the social economy. In fact, VALORIZA represents an added value with the potential to promote sustainable valorization of endogenous resources in a low-density, cross-border and rural territory, since it embodies the opportunity to have a valuable team of researchers focusing on specific problems and challenges of a territory where there is no other HEI and/or RU operating within a radius of more than 100 km, thus contributing through its experienced transdisciplinary research team to improve the competitiveness and internationalization of the regional economy by focusing on the advantages of the scientific and technological system, matching knowledge and human capital as a catalyst for socioeconomic development.

1.2. Main contributions in the period 2018-2024

Among the many contributions that it is possible to identify at the research center, during the period in question, we identify in this section contributions related to: 1) Waste recovery; 2) Hydrogen and renewable gases; 3) Sustainable agriculture; 4) Environment and climate change; 5) Circular economy. The first two contributions are related to the center's first line of research (energy and waste recovery); the following two contributions are related to the center's second line of research (sustainable production and environment); the last contribution is related to the center's transversal activity, related to the circular economy.

1. The generation of knowledge in the area of bioenergy, in particular, the production of renewable gases (hydrogen, methane, synthesis gas) from residual endogenous resources. Has been contributing on the development of cutting-edge technologies for hydrogen and renewable gas production. This involves the exploration and refinement of various methods aimed at high TRL, to achieve high efficiency and minimal environmental impact by using thermal gasification, electrooxidation and anaerobic digestion technologies. Thermal gasification processes are employed to produce renewable hydrogen from dry biomass sources wastes and residues. This involves research in conversion of biomass into a synthesis gas (syngas) through high-temperature reactions in the presence of a controlled amount of oxygen and steam. The syngas can then be further processed to isolate hydrogen, which serves as a clean and versatile energy carrier. The contribution has been in optimizing gasification techniques to enhance efficiency and yield in hydrogen and renewable gases production.

2. The developed research done in VALORIZA enabled the use of numerical and analytical tools to facilitate solutions for the long term of energy-related societal problems, namely through the: a) development of energy-economic models to assess emissions, energy and economic outcomes from several scenarios of Portuguese and European policies to mitigate greenhouse gases; b) analysis of fluid dynamic problems found in the engineering practice of waste-to-energy processes (combustion, gasification, pyrolysis, etc.); c) development of specific waste blends to produce high quality syngas in quasi-industrial gasifiers, by means of experimental and numerical approaches tied by validation and uncertainty quantification techniques.

3. Agriculture and sustainability have been an essential element of VALORIZA's research since the beginning, with a main focus on water issues, not least because of the crucial role that this resource has in the region (Alentejo), considering its agricultural potential and the conditions of the environment, related to climatic conditions or the existence of intensive crop areas. Water is, therefore, an essential resource not only to guarantee the necessary production, but also to ensure environmental sustainability, with water management and its efficient use being a constant challenge.

4. Within the scope of research into the environment and climate change, we highlight the project Guardiões, an action-based research project, associated with environmental and climate change awareness, with a transversal impact, which crosses the entire society, highlighting the involvement of more than 3000 students in the different study cycles (from the first cycle of basic education to higher education) and the presence of more than a thousand people in the five conferences that were organized, in which the themes of education and knowledge, energy and just transition fund, mobility and rail transport, and circular economy were discussed (basically, intersecting with all VALORIZA research areas).

5. The circular economy appears as an aggregating element of VALORIZA's different research lines, with contributions in different areas, including the production of energy through biomass or by-products of agricultural activity, but also with activity related to the reuse of materials (as is the case of construction materials), worth highlighting, in addition to the general component relating to the project Guardiões, the participation in the (De)construction for the Circular Economy project, to promote a regional strategy for the reuse of construction products and components, as well as the recycling of construction waste and demolition, thus reducing the environmental impact of the construction and promoting its circularity (project financed by EEA Grants).

These five contributions have the particularity of having direct implications at the level of science, with participation in project activities of a fundamental nature, but they also always mean the existence of applied research activities which, due to the nature of the Portalegre Polytechnic University (PPU) projects and activities, have very relevant effects at the territorial level, as will be identified below.

Related to contributions 1) and 2), it is possible to highlight what was achieved, in particular the recognition of the contribution to society, both nationally and internationally, with the approval of the Hydrogen Academy as an important project of common European interest or the recent approval of the Center of Vocational Excellence H2Excellence: Fuel Cells and Green Hydrogen Centers of Vocational Excellence towards affordable, secure and sustainable energy for Europe. In these fields, reference should be made to the significant number of international and national projects in which VALORIZA participates and coordinates (more than 20), the majority of which are technological development projects on a pilot and demonstration scale and in partnership with business entities. The excellence of the work carried out on these themes is attested by the various training actions for business entities, within the scope of the Academy for Hydrogen, as well as the Roadmap's responsibility for conducting the “Roadmap for Hydrogen”, an initiative carried out at the invitation of a government body, and which intended to present and publicize projects and entities in 21 initiatives throughout the national territory.

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For contribution 3), it is possible to identify the recognition of the research activities, for example, with the fact that the irrigation sustainability project is being used in twelve of the fourteen existing irrigation perimeters in Alentejo, in a sector which consumes about 84% of the water and where it was possible to improve the efficiency of the use of water in 30%. As previously mentioned, within the scope of Guardiões, several international conferences were held, one of which was dedicated to the theme of water, with more than 200 participants and over 40 speakers, having contributed to the national and international projection of the center and enhanced the results of the research in this area in particular, following the existence of funded projects. Moreover, PPU coordinates Inovtechagro, the National Center for Skills for Technological Innovation in the Agroforestry Sector, whose mission is to transfer knowledge, training, experimental development and support for research in the areas of precision agriculture, mechanization and digitalization, and which supported more than 40 applications, including in measures to reduce water consumption.

In the case of contribution 4), the development of that particular project (Guardiões) allowed Alentejo to be transformed into a living laboratory, identifying around fifty quantified measures for the territory, also with recognition of the project, both external and internal, whose relevance at a regional level is notorious, and has already given rise to a new application for funding, with new activities being envisaged. This project also included a wide range of activities, contributing to practical and applied knowledge in various fields, including the holding of five conferences which, in total, had more than 1100 participants and more than 160 speakers, experts in different areas in that the conferences were developed. Moreover, that project has always had a close connection to the television program “Hora de Agir”, which aired in Portugal on two generalist channels (still broadcast on one of them), but which has a wide visibility, particularly in all countries of the Community of Portuguese Language Countries.

Finally, regarding the last contribution, the recognition of VALORIZA's activity is visible through the coordination of the Circular Laboratory of Alentejo, a network of multidisciplinary, technology-based development centers, deeply involved with the territory in the construction of solutions for its sustainability, with the aim of providing response to the need to foster a new social, economic, political and cultural awareness, providing a new paradigm regarding resource management in order to promote fairer and more balanced consumption, with an impact on the territory of Alentejo, centered on four thematic lines: Waste and Construction; Agriculture, Production and Use of Water; Energy; and Design.

1.3. Completeness of the activity plan

The activity plan that had been outlined included the development of research in the following areas of knowledge:

1) FROM WASTE TO ENERGY – Research work based on results obtained with pilot demonstration units and actual waste and effluent from local industries, stimulating sustainable solutions based on circular economy models; develop waste recovery solutions (using both natural materials and construction residues), namely: composite materials for modular construction applications with integration in BIM systems for sustainable waste management and processing.

2) CIRCULAR SMART AGRICULTURE – Develop and implement scientific and technological solutions regarding: Efficient water use and storage; Crossing biotechnology, reproduction and plant and animal genetics as a mechanism to improve the productivity and competitiveness of the agricultural sector; Innovation for agriculture, helping farmers put innovation into practice, promoting the development and integration of new technological platforms and technological tools to respond to real problems, while promoting greater resource efficiency.

3) SMART ENERGY FOR SMART REGIONS – Develop applied research on energy storage systems that balance demand/consumption and to model energy storage systems to work in smart grids, focused on chemical storage technologies, namely those based on the hydrogen energy vector.

4) PREDICTIVE MODELS FOR SUSTAINABLE LANDSCAPES – Research in forest fires solutions to develop predictive models of probability and progression of forest fires; biomass production; agricultural productivity; environmental contamination. By crossing multiple research domains, this specific tool will allow the use of inference models both for defining spontaneous ignitions and patterns of fire propagation and for predicting biomass production, enabling better resource management.

5) (NET)-WORK TERRITORIES AS ENTREPRENEURSHIP PROMOTERS - Research focused on: Development of integrated solutions for critical and very sensitive low-density areas with serious assertion problems; Development of comparative empirical analysis of low-density rural regions, examining the impact of context, distance and mobility, innovation, entrepreneurship and governance systems on local attractiveness and development, and the impacts of technological change on rural/urban balance; Establishment of network-territories as drivers for cross-border cooperation, fostering the creation of partnerships and projects supported by clusters linked to endogenous resources (niche markets, designations and geographical indications) and to smart-creative territories.

6) HUMAN AND COMMUNITY DEVELOPMENT AS A BASIS TERRITORIAL DEVELOPMENT - Promoting applied research and knowledge transfer able to mitigate the identified problems of this territory, by: increasing cross-border cooperation as a support for development streamlining business/organizational models, based on the specific characteristics of the territory and on cross-border regional good practices; promoting the valorization of material and immaterial heritage, through

research inherent in the creation of tourist and cultural itineraries; developing technological support to cognitive decline resulting from cognitive aging (cognitive orthotics), promoting pilot studies focusing on the application of technological resources for health assessment, monitoring and support for older people residing in low-density territories.

In general, there was developed research work in all areas, evident in the attained competitive projects, in the scientific publications and organized conferences. A significant number of projects were developed on the themes of waste recovery, production of hydrogen and renewable gases, biorefineries, biofuels, circular economy, rational use of water or sustainable agriculture. Also worth mentioning is the number of projects and publications related to the area of the territory centered in the problems of communities and their vulnerabilities.

1.4. Research Lines

BIOENERGY AND WASTE RECOVERY

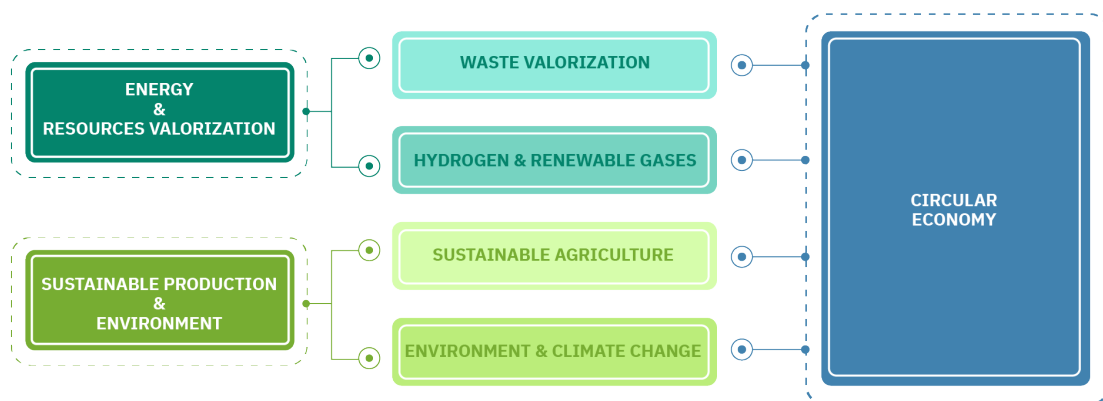
The energy recovery of waste is today an activity whose domain reaches the full extent of human action on the environment, whether rural or urban. Thus, topics such as the development of circular processes for the recovery of waste and effluents, as well as the development of technologies for hydrogen and renewable gases and the development of advanced biofuels constitute areas with profound opportunities.

SUSTAINABLE PRODUCTION AND ENVIRONMENT

Sustainable growth is one of the main objectives of the European Union, whose set of adapted policies is based on the premise of addressing the excessive and unaffordable use of natural resources, in order to make production processes more efficient. Therefore, the development of research work focused on topics such as climate change, circular economy, efficient use of water, forestry, preservation and valorisation of resources and animal and plant genetic heritage are fundamental.

CIRCULAR ECONOMY

The circular economy is directly related to bioenergy and waste recovery, as well as sustainable production and the environment. However, the circular economy extends its area of research to issues such as the use of waste from other economic activities (such as construction) or issues such as ecodesign, making it also a highly relevant area.



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University of Trás-os-Montes e Alto Douro

Professor Doutor Julian Mora Aliseda

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1.7. Funding

The information about the execution of the funding component of VALORIZA is presented in tables below. After a difficult beginning, related with the constraints caused by the pandemic, the last years show an increase of execution, strongly related with the commitment to increase the research and to disseminate the results.

VALORIZA - UIDB/05064/2020

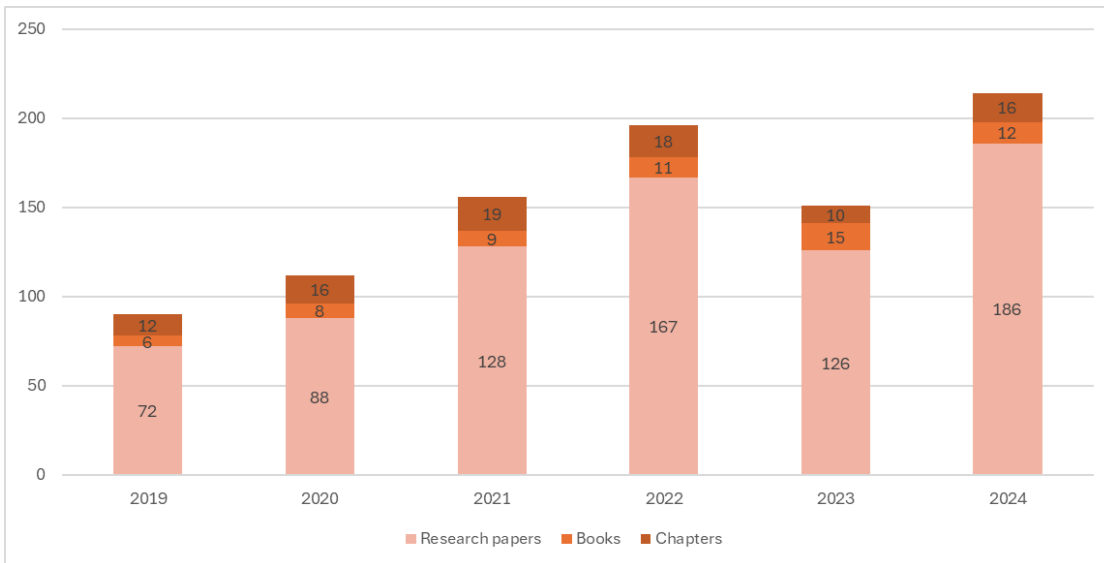
Expense Item	Approved	2019-2021	2022	2023	2024	Total
Missions	9 871.22€	171.22€	370.56€	1 342.92€	8 105.55€	8 276.77€
Consultants	209.46€	-€	209.46€	-€	-€	209.46€
Acquisition of goods and services	76 552.79€	308.30€	6 081.08€	10 163.41€	56 694.39€	73 247.18€
General expenditure	66 000.00€	3 205.54€	4 822.09€	11 807.63€	39 814.60€	59 649.86€
Demonstration, promotion and dissemination	177 366.53€	12 342.65€	12 997.81€	37 067.09€	94 458.47€	156 866.02€
TOTAL	330 000.00€	16 027.71€	24 110.44€	59 038.13 €	199 073.01 €	298 249.29 €

VALORIZA - UIDP/05064/2020

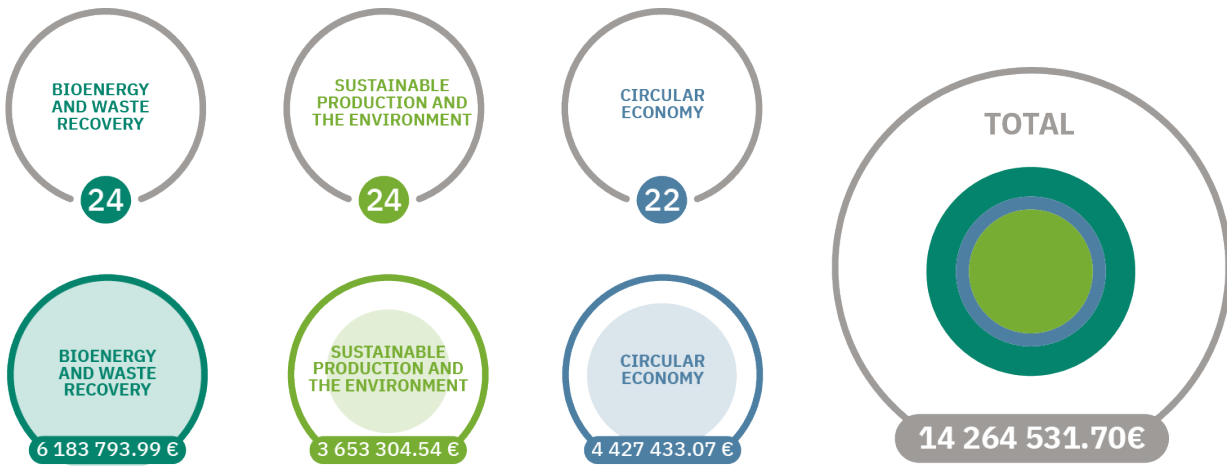
Expense Item	Approved	2019-2021	2022	2023	2024	Total
Human Resources	165 892.35€	-€	47 502.14€	58 447.59€	60 732.96€	166 682.69€
Missions	23 599.10€	1 102.23€	5 697.02€	5 699.33€	14 469.49€	26 968.07€
Demonstration, promotion and dissemination	5 508.55€	-€	3 167.13€	179.66€	-€	3 346.79€
TOTAL	195 000.00€	1 102.23€	56 366.29€	64 326.58€	75 202.45€	196 997.55€

2. Main indicators

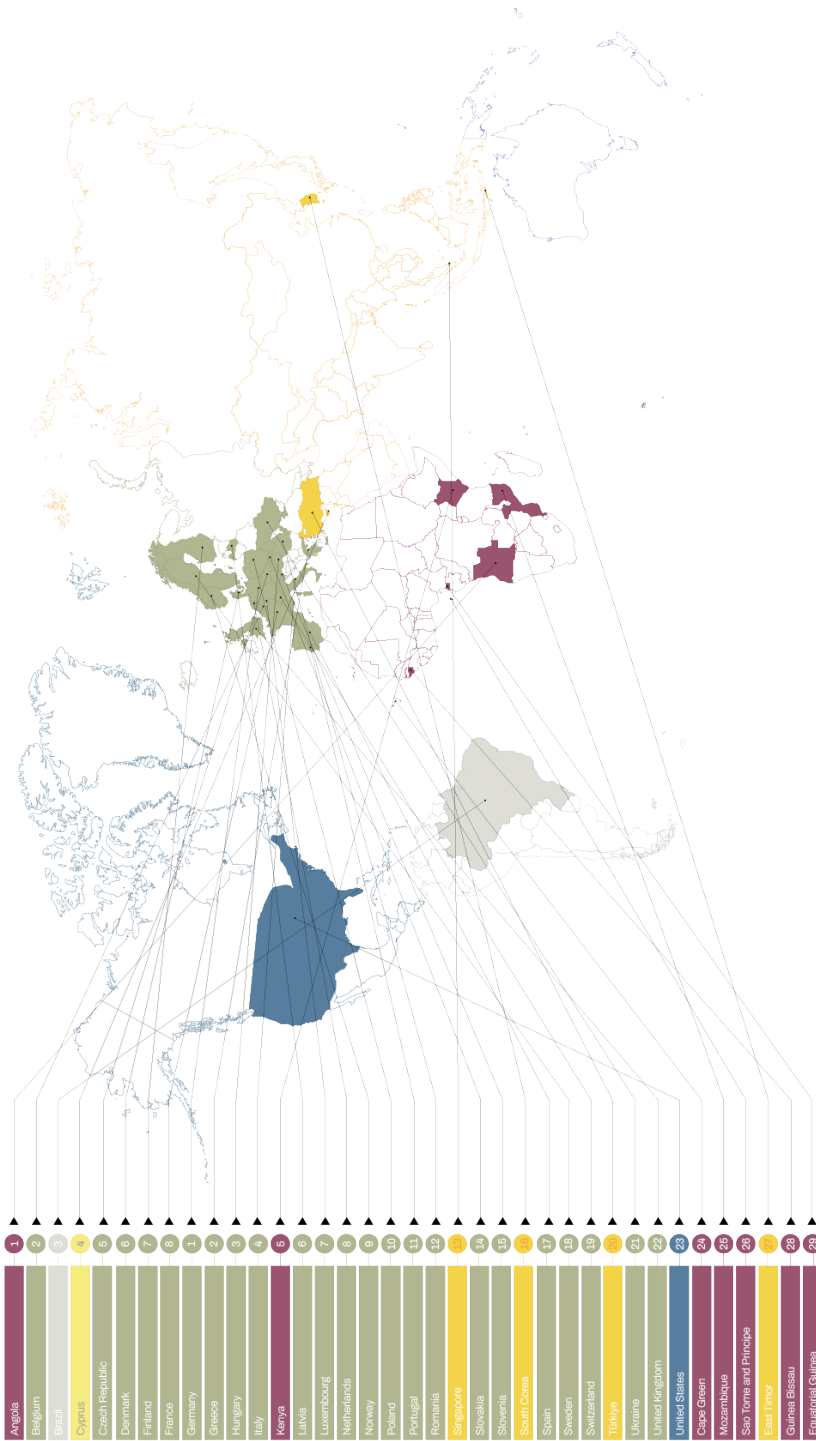
Publications



Number of projects



Worldwide Partners



3. Publications

3.1. Articles and chapters published in Scopus indexed journals

2024

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3.3. Books

2024

Chica-Olmo, J., Vujičić, M., **Castanho, R.A.**, Stankov, U., and Martinelli, E. (2024). Sustainable Tourism, Culture and Heritage Promotion: Development, Management and Connectivity. Editors of the book (Ed. Springer) Series: Advances in Science, Technology & Innovation. ISBN 978-3-031-49535-9 ISBN 978-3-031-49536-6 (eBook) <https://doi.org/10.1007/978-3-031-49536-6>

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2023

Mora Aliseda, J., Couto, G., **Castanho, R.A.**, and Garrido Velarde, J., (2023). Desarrollo Compatible: Experiencias en Europa e Iberoamerica - Compatible Development: Experiences in Europe and Iberoamerica. Ed. Thomson Reuters Aranzadi, Spain. ISBN 978-84-1163-6179 (Book Coordinators)

Santos, Rute. 2023. *Manual de Fisiologia do Cavalo de Desporto*. Portalegre, Portugal: Instituto Politécnico de Portalegre.

2022

Castanho, R.A. (2020). Cross-Border Cooperation (CBC) Strategies for Sustainable Development. Editor of the Book. IGI GLOBAL. pp.300. ISBN13: 9781799825135. DOI: 10.4018/978-1-7998-2513-5

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Mandić, A., Stankov, U., and **Castanho, R.A.**, (2022). Cultural Sustainable Tourism Strategic Planning for a Sustainable Development. Book Editors. Springer, Series: Advances in Science, Technology & Innovation. ISBN: 978-3-031-10800-6 pp.222

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Santos, Rute; Farinha, Noémia; Conceição, Luís Alcino. 2022. *Manual de Alimentação de Ruminantes*. Portalegre: Instituto Politécnico de Portalegre.

2021

Castanho, R.A. and Martín Gallardo, J. (2021). Management and Conservation of Mediterranean Environments. Editors of the Book. IGI GLOBAL. pp.335. ISBN13: 9781799873914. DOI: 0.4018/978-1-7998-7391-4

Castanho, R.A., Couto, G. and Santos, R. (2021). Peripheral Territories, Tourism, and Regional Development. Editors of the Book. Ed. INTECH OPEN: ISBN 978-1-83968-184-4.

Loures, L., Mora Aliseda, J. and **Castanho, R.A.** (2021). Sustainable Development, Landscape Planning and Territorial Governance - Book of abstracts. Coordination: Luís Loures, Julian Aliseda e Rui Castanho. Publisher: Instituto Politécnico de Portalegre. ISBN: 978-989-8806-47-5

Loures, P., Ferreira, P., Loures, A., Machado, J., Gama, J., Nunes, J. (2021). *Agro Water Saving – Métodos e técnicas de gestão sustentável da água em agricultura de regadio*. Politécnico de Portalegre.

Mora Aliseda, J., **Castanho, R.A.**, Vidal Carvalho, J., and Abreu, A. (2021). Transformación Digital e Innovación Tecnológica en la Educación. Ed. Thomson Reuters Aranzadi – Spain. ISBN 978-84-1391-565-4

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2019

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Santos, Rute; Cachapa, Ana Mafalda; **Pacheco de Carvalho, Graça;** Vala, Helena; Minas, Miguel; Silva Pereira, Luísa; **Costa, Lina; Hernández Hurtado, Laura; Balão da Silva, Carolina.** 2019. A falha na transferência da imunidade passiva em bovinos de carne. Portalegre, Portugal: Instituto Politécnico de Portalegre. https://comum.rcaap.pt/bitstream/10400.26/29003/1/RUMMUNITY_MANUAL_FINAL.pdf.

4. Editorial Activities

4.1. Edition of scientific, pedagogic or technical books

2024

Conceição, Luís Alcino; Silva, Luís; Pinto, Tiago. *Contributo (guia) do Uso de Drones na Agricultura*. Portalegre. Instituto Politécnico de Portalegre. 2024. ISBN: 978-989-33-5687-7

Dias, João Jorge Mestre; Pires, Maria Clara; **Carvalho, Graça P.; Ferreira, Paulo Jorge Silveira; Santos, Rute; Mondragão-Rodrigues, Francisco;** Teixeira, Nuno; Alvarenga, Nuno. *Aplicação da Mecânica dos Flúidos Computacional e Monitorização Remota em Queijarias Tradicionais*. Beja, Portugal: Instituto Politécnico de Beja. 2020.

2023

Conceição, Luís Alcino; Pinto, Tiago. *Agenda de Inovação Mecanização, Agricultura de Precisão e Digitalização*. InovTechAgro. 2023. ISBN: 978-989-33-5687-6

Galvão, J., **Paulo Brito**, Filipe dos Santos Neves, Henrique de Amorim Almeida, Sandra de Jesus Martins Mourato, **Catarina Nobre**, *Proceedings of the 3rd International Conference on Water Energy Food and Sustainability (ICoWEFS 2023)*. Springer Nature Switzerland. 2024 (<https://link.springer.com/book/10.1007/978-3-031-48532-9>)

Martín-Cuervo, M., Marta Uva, **Elvira Matilla Pinto, Carolina Balão da Silva**. Manual de neonatologia equina. ISBN: 978-989-8806-66-6

Pinto, E., Beatriz Macias García, **Carolina Balão da Silva**, Elisa Bettencourt, Jordana Sena Lopes, José Ortíz Rodríguez- Manual de Reprodução Equina – Obtenção, manipulação e conservação de ovócitos. ISBN: 978-989-8806-61-1.

2022

Carita, Teresa; Simões, Nuno; Carneiro, João Paulo; **Conceição, Luís**. *Manual de produção de forragens*. INIAV (Oeiras). 2022. ISBN: 978-972-579-066-3.

Castanho, R.A. (2022). Analyzing Sustainability in Peripheral, Ultra-Peripheral, and Low-Density Regions. Book editor: Analyzing Sustainability in Peripheral, Ultra-Peripheral, and Low-Density Regions ISBN13: 9781668445488. DOI: 10.4018/978-1-6684-4548-8 (pp.1-334)

Mora Aliseda, J., **Castanho, R.A.**, and Garrido Velarde, J., (2022). Planeamiento Ecológico en las Iniciativas de Desarrollo - Ecological Planning in Development Initiatives. Ed. Thomson Reuters Aranzadi, Spain. ISBN 978-84-1124-829-7 (Book Coordinators)

Póvoa, Orlanda., Paulo, M., Rodrigues, Francisco., Churra, M., Santana, Carlos., **Conceição, L. A., Farinha, Noémia**. 2022. *Orégãos do Alentejo. Do campo ao prato*. Instituto Politécnico de Portalegre. ISBN: 978-989-8806-59-8.

Santos, Rute; Farinha, Noémia; Conceição, Luís Alcino. *Manual de Alimentação de Ruminante.* Portalegre, Portugal. Instituto Politécnico de Portalegre. 2022. ISBN: 978-989-8806-60-4.

2021

Gonçalves, L., Lousada, S., and **Castanho, R.A.** (2021). Análise Teórico-prática do Risco de Cheias no Arquipélago da Madeira – O caso de estudo dos concelhos do Funchal, Machico, Ribeira Brava e São Vicente. Novas Edições Académicas (Full Book). ISBN: 978-620-2-80841-5

2020

Conceição, Luís Alcino; Marques da Silva, José Rafael; Paixão, Luis. *Modelação de Produtividade de uma Cultura Forrageira com Utilização de Imagens de Satélite.* In: José Rafael Marques Da Silva; José Maria Terrón López; Francisco José Domínguez Ordóñez; Luís Paixão (eds). *Agricultura de Precision com Imagenes de Satelite – Manual de Buenas Praticas Agrícolas.* 2020. ISBN: 78-989-33-0549-2.

Dias, João Jorge Mestre; Pires, Maria Clara; **Carvalho, Graça P.; Ferreira, Paulo Jorge Silveira; Santos, Rute; Francisco Mondragão-Rodrigues;** Teixeira, Nuno; Alvarenga, Nuno. *Aplicação da Mecânica dos Fluídos Computacional e Monitorização Remota em Queijarias Tradicionais.* Beja, Portugal: Instituto Politécnico de Beja. 2020.

Moura, A., Lousada, S., and **Castanho, R.A.** (2019). Canais Artificiais - Funchal. Sua Influência em Processos de Planeamento Urbano e Ordenamento Territorial. Ed. Novas Edições Académicas; ISBN: 978-613-9-80039-1

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4.2. Edition of scientific journal issues

2024

Castanho, R.A., Vidal de Carvalho, J., and Abreu, A. (2024). Foreword - Special Issue on: Digital Transformation for Sustainable Development: Biases and Upcoming Challenges and Opportunities – Part 1. *Progress in Industrial Ecology – An International Journal*, Vol. 17, Nos. 1/2, 2024. pp.1-3.

Castellano-Álvarez, F., **Ferreira, P., Loures, L.,** Robina-Ramírez, R. Special Issue “Economic Development of Rural Areas in Border Territories: Threats and Opportunities” (https://www.mdpi.com/journal/agriculture/special_issues/W1RH26P2Z0)

Ferreira, P. Associate Editor of Heliyon (since 2024) (<https://www.cell.com/heliyon/finance/editors>)

Ferreira, P., Dionísio, A., **Almeida, D.,** Vieira, I. Special Issue “Cryptocurrencies Behavior under Econophysics Approaches” – *Entropy* (https://www.mdpi.com/journal/entropy/special_issues/crypto)

Gaitskell-Phillips, G., **Balao da Silva, C.,** Ortiz-Rodriguez, J. Research Topic “Male (In)Fertility in Mammals: Latest Insights, Assessment and Biotechnologies for a Better Understanding” – *Frontiers in Veterinary Sciences* (<https://www.frontiersin.org/research-topics/60994/male-infertility-in-mammals-latest-insights-assessment-and-biotechnologies-for-a-better-understanding>)

Loures, L., Ferreira, P. Topic Collection “Sustainable Planning in Cross-Border Cooperation” – *Land* (<https://www.mdpi.com/topics/73T7PB9N86>)

Martins, M.V. Special Issue “New Advances in Applied Machine Learning” – Applied Sciences (https://www.mdpi.com/journal/applsci/special_issues/J5N51ZA4HI)

Nobre, C., Paulo Brito, Bruna Rijo, Special Issue “Preparation and Application of Biochar (Second Edition)” – Environments (https://www.mdpi.com/journal/environments/special_issues/6JN3A5060Q)

Nobre, C., Paulo Brito, Octávio Alves, Gonçalo Lourinho, Special Issue “Preparation and Application of Biochar” – Environments (https://www.mdpi.com/journal/processes/special_issues/SMDHS8R206)

Santos, D., **Catarina Nobre, Paulo Brito, Margarida Gonçalves,** Special Issue “Waste Biorefinery Technologies for Accelerating Sustainable Energy Processes” – Reactions (https://www.mdpi.com/journal/reactions/special_issues/COST_action)

Santos, D., **Catarina Nobre, Paulo Brito, Margarida Gonçalves,** Special Issue “Waste Biorefinery Technologies for Accelerating Sustainable Energy Processes (Second Edition)” – Reactions (https://www.mdpi.com/journal/reactions/special_issues/RJS91IUWR8)

Sen, A., **Catarina Nobre,** Special Issue “The Role of Biochar in Soil and Water Treatment Processes” – Processes (https://www.mdpi.com/journal/processes/special_issues/SMDHS8R206)

2023

Almeida D., Dionísio A., **Ferreira P.,** Aslam F., Quintino D. Research Topic “The Complexity of Cryptocurrency Markets and Sustainable Behavior: The Econophysics Approach”, *Frontiers in Environmental Economics*, *Frontiers* (ISSN 2813-2823) (<https://www.frontiersin.org/research-topics/59928/the-complexity-of-cryptocurrency-markets-and-sustainable-behavior-the-econophysics-approach>)

Almeida D., Review Editor (since 2023) of the Editorial Board of the Environmental Economics and Management, specialty section of *Frontiers in Environmental Science*, (Electronic ISSN 2296-665X), *Frontiers*. (<https://www.frontiersin.org/journals/environmental-science/sections/environmental-economics-and-management/editors>)

Castanho, R.A., and Fairuz Shahidan, M. (2023). Special issue (2023): Towards Resilient Communities. *Environmental Science & Sustainable Development*. Volume 8 - 2023 | DOI: <https://doi.org/10.21625/essd.v8i4>

Castanho, R.A., Gedikli, A., Erdogan, S., and Naranjo Gómez, J.M. (2023). Editorial. (Guest Editors of the Special Issue) *World Review of Science, Technology and Sustainable Development*, 2023 Vol.19 No.1/2, pp.1-3. Special Issue: The Global Economy, The Tourism Sector and Sustainable Development. ISSN: 17412242

Rodrigues, S. & **Mourato, J.** (Eds.). “The Impact of HEIs on Regional Development: Facts and Practices of Collaborative Work With SMEs”. IGI Global. <https://doi.org/10.4018/978-1-6684-6701-5>

2022

Castanho, R.A. (2022). Editorial to the Inaugural Issue. *Journal of Urban Development and Management*, <https://doi.org/10.56578/judm010101>

Castanho, R.A. (2022). Editorial to the Inaugural Issue. Opportunities and Challenges in Sustainability, <https://doi.org/10.56578/ocs010101>

Ferreira, P. Special Issue “Cross-Correlation Analysis in Financial Markets” – International Journal of Financial Studies (https://www.mdpi.com/journal/ijfs/special_issues/cross_correlation)

Gomes, J. Special Issue “Epidemiology and Management of Foodborne Parasitic Diseases” – Pathogens. https://www.mdpi.com/journal/pathogens/special_issues/foodborne_parasitic_diseases

2021

Ferreira, P. Special Issue “Econophysics Applications to Financial Markets II” – International Journal of Financial Studies (https://www.mdpi.com/journal/ijfs/special_issues/Econophysics_2).

Ferreira, P. Special Issue “The Use of Big Data in Finance” - Journal of Risk and Financial Management (https://www.mdpi.com/journal/jrfm/special_issues/Big_Data_Finance).

Ferreira, P., Dionísio, A., Gubareva, M., **Aslam, F.** Special Issue “Complexity in Financial Markets” – Complexity (<https://www.hindawi.com/journals/complexity/si/187268/>)

2019

Dionísio, A., **Ferreira, P.** Special Issue "Impact of Macroeconomic Indicators on Stock Market" – Economies (https://www.mdpi.com/journal/economies/special_issues/macro_stockmarket)

Ferreira, P. Editor in Special Issue “Econophysics Applications to Financial Markets” – International Journal of Financial Studies (https://www.mdpi.com/journal/ijfs/special_issues/Econophysics).

5. Thesis Supervision

5.1. Ph.D. supervisions

2024

Title: Planificación Hidráulica en Territorios Urbanos Insulares: El Caso de la Isla de Madeira

Author: Sérgio António Neves Lousada

Supervisor(s): José Cabezas, **Rui Alexandre Castanho** and José Manuel Naranjo Gómez

Degree: PhD in Spatial Planning

Institution: University of Extremadura, Badajoz-Spain

2023

Title: Biochemical analysis and Innovative Use of Hazelnuts in Dairy

Author: Giovanni Pecora

Supervisor(s): Carlo Giovanni di Renzo, Carlo Cosentino, **Luis Alcino Conceicao**

Degree: Ph.D Agricultural, Forest and Food Sciences

Institution: Università degli Studi della Basilicata - Itália

2022

Title: Criptomonedas: ensaios sobre eficiência, risco e contágio

Author: Dora Maria Fortes de Almeida

Supervisor(s): **Paulo Ferreira**, Andreia Dionísio, Isabel Vieira

Degree: PhD in Management

Institution: University of Évora

2021

Title: Ensaio sobre os efeitos dos títulos de dívida pública no setor bancário em Cabo Verde

Author: José Carlos Monteiro Teixeira

Supervisor(s): **Paulo Ferreira**, Carlos Vieira

Degree: PhD in Economics

Institution: University of Évora

Title: Application of objective and non-invasive methodologies for welfare assessment in endurance horses

Author: Mónica Alexandra Freire Cardoso de Mira

Supervisor(s): Elsa Lamy, **Rute Santos**

Degree: PhD in Veterinary Medicine

Institution: University of Évora

Title: Land Valuation Model, According to the Development of Urban Planning, Through the Application of Discounted Free Cash Flow to the WACC / Modelo de Valoración del Suelo, Según el Desarrollo del Planeamiento Urbanístico, Mediante la Aplicación de Flujo de Caja Libre Descontado al WACC

Author: José Maria Cososero Rodas

Supervisor(s): José Cabezas, **Rui Alexandre Castanho** and José Manuel Naranjo Gómez

Degree: PhD in Spatial Planning

Institution: University of Extremadura, Badajoz-Spain

2019

Title: Essays on Frontier Markets: Financial Integration, Financial Market Efficiency, Financial Contagion

Author: Wahbeeah Mothi

Supervisor(s): Paulo Ferreira, Andreia Dionísio, Isabel Vieira.

Degree: PhD in Management

Institution: University of Évora

5.2. M.Sc. supervisions

2024

Title: Resistance of Autochthonous Portuguese Ca²⁺ Breeds as a Control Strategy for *Theileria annulata*

Author: Diana Margarida da Silva Valente

Supervisor(s): Inês Carolino, Jacinto Gomes

Degree: PhD in Veterinary Sciences

Institution: Universidade de Trás-os-Montes e Alto Douro (UTAD)

Title: Alterações climáticas e culturas lenhosas no Alentejo Central – uma abordagem à escala do território

Author: Tiago Maria Parreira Godinho Avó

Supervisor(s): Francisco Mondragão-Rodrigues

Degree: Master in Sustainable Agriculture

Institution: Portalegre Polytechnic University

Title: Avaliação do risco associado à manipulação de agentes anestésicos em profissionais das ciências veterinárias

Author: Cláudia Sofia Rodrigues Varandas

Supervisor(s): Lina Costa

Degree: Master's in veterinary nursing for companion animals

Institution: Portalegre Polytechnic University

Title: Projeto de exploração cinegético para a Talada do Arneiro – Coudelaria de Alter do Chão

Author: Olga Faria

Supervisor(s): Paulo Ferreira, José Rato Nunes

Degree: Master in Sustainable Agriculture

Institution: Portalegre Polytechnic University

Title: Certificação da Sustentabilidade no Grupo Marmòris

Author: Teresa Maria Calado Ferra

Supervisor(s): Paulo Ferreira

Degree: Master in SME Management

Institution: Portalegre Polytechnic University

Title: Plano de prevenção de riscos de corrupção e infrações conexas – Estudo de caso: Agrupamento de escolas de Arronches

Author: Maria Eugénia Campos Reixa

Supervisor(s): Paulo Ferreira

Degree: Master in SME Management

Institution: Portalegre Polytechnic University

Title: Avaliação de sensores aplicada à reflectância das folhas para a fertilização sustentável em olival

Author: Maria Catarina Lopes Manuelito

Supervisor(s): Luís Alcino Conceição, Rocio Arias Calderon

Degree: Master in Sustainable Agriculture

Institution: Portalegre Polytechnic University

Title: Estudo Comparativo da Eficiência Energética em Operações Mecanizadas na Instalação de Culturas Anuais

Author: João António Avença Ramos

Supervisor(s): Luís Alcino Conceição

Degree: Master in Sustainable Agriculture

Institution: Portalegre Polytechnic University

Title: The Role of Corporate Social Responsibility in International Business: A Comparative Study of Multinational Companies

Author: Eren Eltemur

Supervisor(s): Rui Alexandre Castanho

Degree: Master in International Business

Institution: WSB University, Dabrowa Górnicza-Poland

Title: Examining Cross-Border Cooperation (CBC) in European Territories: A Comparative Analysis of Small and Medium-Sized Cities' Contributions to Cooperative Projects

Author: Anna Nelina

Supervisor(s): Rui Alexandre Castanho

Degree: Master in International Business

Institution: WSB University, Dabrowa Górnicza-Poland

Title: Cultural Dynamics in International Business Negotiations

Author: Niftaliyev Mehrali

Supervisor(s): Rui Alexandre Castanho

Degree: Master in International Business

Institution: WSB University, Dabrowa Górnicza-Poland

Title: The Role of Employees in Corporate Performance: Strategies for Effective Utilization of Personnel Potential

Author: Mehdiyev Samir

Supervisor(s): Rui Alexandre Castanho

Degree: Master in International Business

Institution: WSB University, Dabrowa Górnicza-Poland

Title: Talent Management practices in Azerbaijan universities: the case of Azerbaijan State Economy University

Author: Mansimov Musa

Supervisor(s): Rui Alexandre Castanho
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Cross-Border Cooperations: Supply Chain Operations in Business Management: Optimizing Efficiency and Performance through Data- driven Strategies

Author: Gudayev Rafael

Supervisor(s): Rui Alexandre Castanho
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Cross-Border Cooperations: A Comparative Analysis of Cross-Border Cooperation Between Russia and Ukraine. Assessing Collaborative Strategies, Challenges, and Impacts on Regional Stability.

Author: Badalova Gulnar

Supervisor(s): Rui Alexandre Castanho
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: The Importance of Urban Green Spaces

Author: Aliyev Rashad

Supervisor(s): Rui Alexandre Castanho
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Apoyo al Ministerio de Información de la República Árabe Saharaui Democrática

Author: Itsaso Andueza Fernandez

Supervisor(s): Rui Alexandre Castanho
Degree: Master in Cooperación Internacional al Desarrollo
Institution: UNIR, La Rioja-Spain

Title: Impulsando la cooperación internacional para la transición hacia la moda sostenible y la economía circular: un enfoque multidimensional en Colombia.

Author: Cristhiam Alejandro Núñez Herrera

Supervisor(s): Rui Alexandre Castanho
Degree: Master in Cooperación Internacional al Desarrollo
Institution: UNIR, La Rioja-Spain

Title: Hidrogénio: Breve revisão de tecnologia de produção, políticas energéticas e mercado

Author: Lília Patrícia Leal das Neves

Supervisor(s): Catarina Nobre, Margarida Gonçalves
Degree: Mestrado em Bioenergia e Tecnologias Sustentáveis
Institution: Universidade NOVA de Lisboa

Title: Comparação de modelos de previsão de séries temporais - aplicação a caudais de água distribuída em redes de abastecimento.

Author: Carlos Alberto Gonçalves Pires

Supervisor(s): Mónica V. Martins
Degree: Master Informatics
Institution: Portalegre Polytechnic University

Title: A importância do Design de Identidade Digital no reconhecimento de uma marca internacional – MJJ Lisboa 2023

Author: Catarina Perestrello de Vasconcellos Rocha
Supervisor(s): Vera Barradas
Degree: Master in Digital Identity Design
Institution: Portalegre Polytechnic University

Title: Criação de uma nova marca gráfica. Caso de Estudo: Biblioteca Municipal de Portalegre
Author: Diogo Manuel Guerreiro Maurício
Supervisor(s): Vera Barradas
Degree: Master in Digital Identity Design
Institution: Portalegre Polytechnic University

2023

Title: Estimativa de produção em variedades de nectarina de importância regional na Extremadura espanhola
Author: Gabryella Freire Pinto
Supervisor(s): Francisco Mondragão-Rodrigues
Degree: Master in Sustainable Agriculture
Institution: Portalegre Polytechnic University

Title: Estudo comparativo de três protocolos anestésicos para manejo da dor perioperatória em cães submetidos a osteotomia de nivelamento do platô tibial
Author: João Pedro Lourenço Dias
Supervisor(s): Lina Costa
Degree: Master's in veterinary nursing for companion animals
Institution: Portalegre Polytechnic University

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Title: Indução anestésica em cadelas: propofol ou alfaxalona?
Author: Inês Nunens Esteves
Supervisor(s): Lina Costa & Laura Hurtado
Degree: Master's in veterinary nursing for companion animals
Institution: Portalegre Polytechnic University

Title: Impactos na Implementação do Sistema de Gestão da Qualidade e Segurança Alimentar: Naturdelta – Fábrica de Azeitonas de Conserva Grupo Nabeiro – Delta Cafés
Author: Carlos Madeira
Supervisor(s): Paulo Ferreira, Graça Carvalho
Degree: Master in SME Management
Institution: Portalegre Polytechnic University

Title: O Impacto nas finanças familiares do recurso a técnicas de Procriação Medicamente Assistida
Author: Natália Costa
Supervisor(s): Paulo Ferreira
Degree: Master in Account and Finance
Institution: Portalegre Polytechnic University

Title: Organizational CSR integration in daily responsibilities of Project Managers
Author: Amiraslanov Alisahib
Supervisor(s): Rui Alexandre Castanho
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: The ecological tourism and organization in USA
Author: Samad Juvarov
Supervisor(s): Rui Alexandre Castanho
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Corea del Sur – Uruguay: Proyecto de desarrollo de un Centro de Investigación basado en los Objetivos de Desarrollo Sostenible en una Universidad de Uruguay a través de la Cooperación Internacional con universidades surcoreanas.
Author: Soraia Danielle Marino Ferreira
Supervisor(s): Rui Alexandre Castanho
Degree: Master in Cooperación Internacional al Desarrollo
Institution: UNIR, La Rioja-Spain

Title: The Use of Decision Support Systems in Improving the Quality of Management Decisions (on the Example of Agricultural Decision Support System)
Author: Zabulla Yediyarli
Supervisor(s): Rui Alexandre Castanho
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Sitios Seguros en Asentamientos Humanos de Hecho y Consolidados en el Valle de Tumbaco Quito – Ecuador, generados mediante la CID
Author: Christian Fernando Vicente Correa
Supervisor(s): Rui Alexandre Castanho
Degree: Master in Cooperación Internacional al Desarrollo
Institution: UNIR, La Rioja-Spain

Title: Produção de hidrogénio verde via tratamento de águas residuais – Wastewater-to-H₂
Author: Vítor Sousa de Oliveira Matos
Supervisor(s): Catarina Nobre, Paulo Brito
Degree: Mestrado em Tecnologias de Valorização Ambiental e Produção de Energia
Institution: Portalegre Polytechnic University

2022

Title: Reestruturação Herdade Pomar das Estrelas, Lda - Estudo de Implementação de Produção de PAM
Author: Andreia Sofia Matroca Pereira
Supervisor(s): Paulo Ferreira, Orlanda Póvoa
Degree: Master in Sustainable Agriculture
Institution: Portalegre Polytechnic University

Title: Risco de Crédito no Setor da Pesca
Author: Luís Miguel Borba Marreiros
Supervisor(s): Paulo Ferreira, Andreia Dionísio
Degree: Master in Monetary and Financial Economics
Institution: University of Évora

Title: Avaliação temporal e espacial da produtividade de duas parcelas de olival por imagens de satélite

Author: Carlos Alexandre Pedro Soares
Supervisor(s): **Luís Alcino Conceição**
Degree: Master in Sustainable Agriculture
Institution: Portalegre Polytechnic University

Title: Impact of EU Cross-Border Cooperation Programs on Regional Development: The Case Study of Poland and Ukraine

Author: Yuliia Makarova
Supervisor(s): **Rui Alexandre Castanho**
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Proyecto futbolístico para la deconstrucción de roles y el empoderamiento en Koforidua

Author: Oriol Rodríguez Cuixart
Supervisor(s): **Rui Alexandre Castanho**
Degree: Master in Cooperación Internacional al Desarrollo
Institution: UNIR, La Rioja-Spain

Title: French Guiana and Amapá: Cooperation on Amazonian Territory

Author: Ricardo Vieira de Almeida Sobral
Supervisor(s): **Rui Alexandre Castanho**
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Environment Analysis of Azerbaijan and Its Development

Author: Bahruz Balakishiyev
Supervisor(s): **Rui Alexandre Castanho**
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Green Energy Potential of Turkey and Its Economic Effects to The Country

Author: Sakine Gulseven
Supervisor(s): **Rui Alexandre Castanho**
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: A Construção de uma Marca Sustentável e a Divulgação dos seus Valores através de Experiências Reais e Digitais: Estágio Curricular na Câmara Municipal de Guimarães

Author: Mariana Nunes Andrade Garção da Silva
Supervisor(s): **Vera Barradas**
Degree: Master in Digital Identity Design
Institution: Portalegre Polytechnic University

2021

Title: Contributo do turismo equestre para a sustentabilidade da criação de cavalos na região do Alentejo

Author: Carlota Beatriz Rico Duarte
Supervisor(s): **Luís Carlos Loures, Rute Santos**
Degree: Master in Sustainable Agriculture
Institution: Portalegre Polytechnic University

Title: Itinerário técnico da cultura do milho para grão e determinação dos custos de produção na Herdade da Courela do Paço

Author: Maria Madalena Martins Santos Cordeiro Churra

Supervisor(s): **Francisco Mondragão-Rodrigues**

Degree: Master in Sustainable Agriculture

Institution: Portalegre Polytechnic University

Title: A importância das redes sociais na divulgação do Mestrado de Design de Identidade Digital: Estágio curricular DesignLab4U

Author: Armando Silva

Supervisor(s): **Vera Barradas, Cátia Rijo**

Degree: Master in Digital Identity Design

Institution: Portalegre Polytechnic University

Title: Processos criativos no desenvolvimento de uma marca gráfica na agência Ivity Brand Corp

Author: Ana Sofia Carvalho

Supervisor(s): **Vera Barradas**

Degree: Master in Digital Identity Design

Institution: Portalegre Polytechnic University

Title: Telemetria aplicada à gestão do parque de máquinas agrícola

Author: Luís Miguel Roque da Silva

Supervisor(s): **Luís Alcino Conceição**

Degree: Master in Sustainable Agriculture

Institution: Portalegre Polytechnic University

Title: Sustainable development and Renewable Energy Sources in Turkey

Author: Bilal Bilalli

Supervisor(s): **Rui Alexandre Castanho**

Degree: Master in International Business

Institution: WSB University, Dabrowa Górnicza-Poland

Title: A Comparison Study of the Impact of Performance Evaluation on Workers` Productivity: The Case of Poland and Azerbaijan

Author: Tural Jabbarov

Supervisor(s): **Rui Alexandre Castanho**

Degree: Master in International Business

Institution: WSB University, Dabrowa Górnicza-Poland

2020

Title: Implementação do Programa de Sustentabilidade dos Vinhos do Alentejo na Herdade da Torre de Palma

Author: José Ricardo Araújo Brochado

Supervisor(s): **Paulo Ferreira, Luís Loures**

Degree: Master in Sustainable Agriculture

Institution: Portalegre Polytechnic University

Title: Plano de Negócio - Príncipe Electricar (Análise e verificação da viabilidade financeira do projeto Príncipe Electricar)

Author: Abidulay Maquengo José Narciso
Supervisor(s): Paulo Ferreira, Artur Romão
Degree: Master in SME Management
Institution: Portalegre Polytechnic University

Title: Traditional and Modern Forms of Communication in the Opinion of Contemporary Employees
Author: Ilkin Jafarov
Supervisor(s): Rui Alexandre Castanho
Degree: Master in International Business
Institution: WSB University, Dabrowa Górnicza-Poland

Title: Necessidades de frio de sete cultivares portuguesas de oliveira (*Olea europaea* L.)
Author: Rui Pedro Faroleira Dores
Supervisor(s): Francisco Mondragão-Rodrigues, António Manuel Cordeiro
Degree: Master in Sustainable Agriculture
Institution: Portalegre Polytechnic University

Title: Avaliação dos custos de produção de seis variedades tradicionais de oliveira portuguesas no Alentejo
Author: Maria da Conceição Pimpona Dias Ferreira
Supervisor(s): Francisco Mondragão-Rodrigues
Degree: Master in Sustainable Agriculture
Institution: Portalegre Polytechnic University

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2019

Title: Análise Teórico-prática do Risco de Cheias no Arquipélago da Madeira. O caso de estudo dos concelhos do Funchal, Machico, Ribeira Brava e São Vicente
Author: Leonardo Bazilio Gonçalves
Supervisor(s): Rui Alexandre Castanho
Degree: Master's in civil engineering
Institution: University of Madeira, Funchal-Portugal

Title: Canais artificiais e a sua influência em processos de ordenamento do território e planeamento urbano
Author: André Moura
Supervisor(s): Rui Alexandre Castanho
Degree: Master's in civil engineering
Institution: University of Madeira, Funchal-Portugal

Title: Projeto de criação da empresa “Safrá Alta” – produção de açafraão (*Crocus sativus* L.) em modo de produção biológico
Author: Paula Cristina da Mata Trindade
Supervisor(s): Noémia Farinha, Francisco Mondragão-Rodrigues
Degree: Master in Sustainable Agriculture
Institution: Portalegre Polytechnic University

6. Funded Research Projects

Title: GEEBovMit – LA 3.3 – Mitigação das emissões de GEE na produção de bovinos de carne pastagens, forragens e aditivos naturais

VALORIZA Team: Luís Alcino Conceição, Paulo Ferreira

Partner Institutions: Instituto Nacional de Investigação Agrária e Veterinária (INIAV); Parceiros: Direção Regional de Agricultura e Pescas do Alentejo; Faculdade de Medicina Veterinária – Ulisboa; Instituto Politécnico de Castelo Branco; Instituto Politécnico de Portalegre; Associação do Instituto Superior Técnico para Investigação e Desenvolvimento; Associação de Criadores de Bovinos Mertolengos; Associação dos Criadores de Bovinos da Raça Alentejana; Couto das Veladas, Unipessoal Lda; Fertiprado Sementes e Nutrientes Lda; Nutriprado Lda; SeaExpert Serviços e Consultoria na Área das Pescas, Lda; Sociedade Agrícola de Segóvia, Lda; Terraprima – Sociedade Agrícola, Lda; Terraprima – Serviços ambientais, Sociedade Unipessoal Lda e Associação de Defesa do Património de Mértola.

Project Code: PRR-C05-i03-I-000027 – LA3.3

Funding: 192.369,73 €

Program Period: 01/04/2022 | 30/09/2025

Title: DM4You – PRR-C05-I03-I-000152-LA1.4 – Comunicação

VALORIZA Team: Ana Cordeiro; Ana Vinagre; Graça Carvalho; Luís Loures; Paulo Ferreira; Susana Saraiva Dias.

Partner Institutions: ADER-AL, Associação para o Desenvolvimento Regional do Alentejo; ADRAL – Agência de Desenvolvimento Regional do Alentejo; Instituto Nacional de Investigação Agrária e Veterinária; Instituto Politécnico do Porto; Universidade do Porto; Universidade de Évora; Universidade NOVA de Lisboa.

Project Code: PRR-C05-I03-I-000152-LA1.4

Funding: 267.991,12 €

Program Period: 01/03/2023 | 30/09/2025

Title: DigiFarm2all: Sustentabilidade e democratização da Agricultura 4.0 – LA8.1 - Agricultura de precisão: utilização de tecnologias digitais para utilização e para a gestão eficiente de produtos fitofarmacêuticos, fertilizantes, água e energia

VALORIZA Team: Francisco Mondragão Rodrigues; Luís Alcino Conceição

Partner Institutions: Adega Cooperativa de Cantanhede; Adega Cooperativa de São Mamede da Ventosa; ADVID – Associação para o Desenvolvimento da Viticultura Duriense; ASSOCIAÇÃO SFCOLAB LABORATÓRIO COLABORATIVO PARA A INOVAÇÃO DIGITAL NAA; CONFAGRI; INIAV; ImpactWave (IW); Terras de Felgueiras – Caves de Felgueiras CRL (CFelgueiras); Cooperativa Agrícola dos Olivicultores do Fundão (CAOF); Cooperativa Agrícola de Beja e Brinches (CABB; Flowerunning Sociedade Agrícola LDA (Herdade da Ajuda); Sociedade Agrícola D. Diniz SA (Herdade de Ravasqueira – HRV) no Alentejo; Companhia Geral da Agricultura das Vinhas do Alto Douro – Real Companhia Velha SA (RCV); Quinta do Pinto (QPinto); Mariano Lopes e Filho Lda; Filipe e Marcela Rent, Lda e Burgopanorama – Sociedade Agrícola, Unipessoal Lda, ambas na Região do Tâmega e Sousa; Carla Cabo Silva Unipessoal, no Douro Litoral; Lopes & Assis, Lda; Cooperativa Agrícola A Esperança de Moncarapacho, S.A.; AVIPE: ATEVA; Cooperativa Agrícola A Esperança de Moncarapacho, S.A.; da Microsoft Azure e Grupo de Inovação da Copa Cogeca.

Project Code: PRR-C05-i03-I-000108-LA8.1

Funding: 164.967,75€

Program Period: 01/10/2022 | 30/09/2025

Title: DigiFarm2all: Sustentabilidade e democratização da Agricultura 4.0 – LA8.3 Agricultura de precisão: utilização de tecnologias digitais para utilização e para a gestão eficiente de produtos fitofarmacêuticos, fertilizantes, água e energia.

VALORIZA Team: Francisco Mondragão Rodrigues; Luís Alcino Conceição.

Partner Institutions: Adega Cooperativa de Cantanhede; Adega Cooperativa de São Mamede da Ventosa; ADVID – Associação para o Desenvolvimento da Viticultura Duriense; ASSOCIAÇÃO SFCOLAB LABORATÓRIO COLABORATIVO PARA A INOVAÇÃO DIGITAL NAA; CONFAGRI; INIAV; ImpactWave (IW); Terras de Felgueiras – Caves de Felgueiras CRL (CFelgueiras); Adega Cooperativa de Cantanhede (ACC) – vinha; Cooperativa Agrícola dos Olivicultores do Fundão (CAOF); Cooperativa Agrícola de Beja e Brinches (CABB; Flowerunning Sociedade Agrícola LDA (Herdade da Ajuda); Sociedade Agrícola D. Diniz SA (Herdade de Ravasqueira – HRV) no Alentejo; Companhia Geral da Agricultura das Vinhas do Alto Douro – Real Companhia Velha SA (RCV) no Douro e Quinta do Pinto (QPinto) em Alenquer; Mariano Lopes e Filho Lda, no Alentejo; Filipe e Marcela Rent, Lda e Burgopanorama – Sociedade Agrícola, Unipessoal Lda, ambas na Região do Tâmega e Sousa; Carla Cabo Silva Unipessoal, no Douro Litoral; Lopes & Assis, Lda, na Costa Vicentina, Alentejo. A cooperação nacional com a Cooperativa Agrícola A Esperança de Moncarapacho, S.A.; AVIPE: ATEVA; Cooperativa Agrícola A Esperança de Moncarapacho, S.A.; e a nível internacional, da Microsoft Azure e Grupo de Inovação da Copa Cogeca.

Project Code: PRR-C05-i03-I-000108-LA8.3

Funding: 168.612,67€

Program Period: 01/10/2022 | 30/09/2025

Title: DigiFarm2all: Sustentabilidade e democratização da Agricultura 4.0 – LA8.5 - Agricultura de precisão: utilização de tecnologias digitais para utilização e para a gestão eficiente de produtos fitofarmacêuticos, fertilizantes, água e energia

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VALORIZA Team: Francisco Mondragão Rodrigues; Luís Alcino Conceição

Partner Institutions: Adega Cooperativa de Cantanhede; Adega Cooperativa de São Mamede da Ventosa; ADVID – Associação para o Desenvolvimento da Viticultura Duriense; ASSOCIAÇÃO SFCOLAB LABORATÓRIO COLABORATIVO PARA A INOVAÇÃO DIGITAL NAA; CONFAGRI; INIAV; ImpactWave (IW); Terras de Felgueiras – Caves de Felgueiras CRL (CFelgueiras); Adega Cooperativa de Cantanhede (ACC) – vinha; Cooperativa Agrícola dos Olivicultores do Fundão (CAOF); Cooperativa Agrícola de Beja e Brinches (CABB; Flowerunning Sociedade Agrícola LDA (Herdade da Ajuda); Sociedade Agrícola D. Diniz SA (Herdade de Ravasqueira – HRV) no Alentejo; Companhia Geral da Agricultura das Vinhas do Alto Douro – Real Companhia Velha SA (RCV) no Douro e Quinta do Pinto (QPinto) em Alenquer; Mariano Lopes e Filho Lda, no Alentejo; Filipe e Marcela Rent, Lda e Burgopanorama – Sociedade Agrícola, Unipessoal Lda, ambas na Região do Tâmega e Sousa; Carla Cabo Silva Unipessoal, no Douro Litoral; Lopes & Assis, Lda, na Costa Vicentina, Alentejo. A cooperação nacional com a Cooperativa Agrícola A Esperança de Moncarapacho, S.A.; AVIPE: ATEVA; Cooperativa Agrícola A Esperança de Moncarapacho, S.A.; e a nível internacional, da Microsoft Azure e Grupo de Inovação da Copa Cogeca

Project Code: PRR-C05-i03-I-000108-LA8.5

Funding: 278.829,01€

Program Period: 01/10/2022 | 30/09/2025

Title: H2DRIVEN – H2 como vetor de metanol verde para indústria química e mobilidade pesada

VALORIZA Team: Paulo Brito, Catarina Nobre, post-doc scholarship.

Partner Institutions: Instituto Politécnico de Portalegre; EFACEC Engenharia e Sistemas, S.A.; DouroGás Renovável – Produtora de Gás, S.A.; CapWatt, S.A.; APDL – Administração dos portos do Douro, Leixões e Viana do Castelo, S.A.; Universidade do Porto; Associação BIOREF – Laboratório Colaborativo para as Biorrefinarias; AMNIS Pura, Lda; SeamoreTech, Lda; Lightsource Development

Portugal, Unipessoal Lda; LNEG – Laboratório Nacional de Energia e Geologia I.P.; Universidade de Évora.; INESC TEC – Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência; EFACEC Energia – Máquinas e Equipamentos Eléctricos, S.A.; Associação HYLAB – Green Hydrogen Collaborative Laboratory; PT GreenMethanol, S.A.; CapWatt Metanol Unipessoal, Lda.

Project Code: 02-C05-i01.02-2022.PC644923817-00000037

Funding: 247.659.309,66€

Program Period: 01.07.2023 | 31.12.2025

Title: SFT-EDIH – Smart Sustainable Farms, Foods and Trade European Digital Innovation Hub (Polo de inovação digital para o setor agroalimentar)

VALORIZA Team: Luís Alcino da Conceição and Paulo Ferreira

Partner Institutions: BGI (**Entidade Coordenadora**); Associação para o Desenvolvimento da Viticultura Duriense (ADVID); Associação para o Desenvolvimento do Atlantic International Research Centre (Air Centre); Associação Portuguesa de Empresas de Distribuição (APED); Associação para a Promoção da Inovação e do Empreendedorismo (Beta-i); Associação Colab4Food – Laboratório Colaborativo para a Inovação do sector Agroalimentar (Colab4Food); Confederação Nacional das Cooperativas Agrícolas e Crédito Agrícola de Portugal (CONFAGRI); COTEC Portugal – Associação Empresarial para a Inovação (COTEC); Centro Operativo e Tecnológico Hortofrutícola Nacional (COTHN); Federação das Indústrias Portuguesas Agro-Alimentares (FIPA); Food4Sustainability – Associação para a Inovação no Alimento Sustentável; Associação Fraunhofer Portugal Research (Fraunhofer Portugal); Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência (INESC TEC); INIAV- Instituto Nacional de Investigação Agrária e Veterinária, I.P.; **IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências); Instituto Superior de Agronomia (ISA); Instituto Superior Engenharia Lisboa (ISEL); Instituto de Soldadura e Qualidade (ISQ);** Kiwa Sativa, Unipessoal, Lda; PT-MATHS-IN – Sociedade Portuguesa de Matemática; SGS Portugal – Sociedade Geral de Superintendência, S.A.; SFCOLAB – Laboratório Colaborativo para a Inovação Digital na Agricultura; UNINOVA – Instituto de Desenvolvimento de Novas Tecnologias; Universidade Católica Portuguesa; Universidade da Beira Interior; UTAD – Universidade de Trás-os-Montes e Alto Douro

Project Code: 878 SFT-EDIH

Funding: 5.939.252,12€

Program Period: 12/10/2022 | 31/12/2025

Title: RE-FEED – Renewable Energy production at Farm level for Energy Efficiency and Defossilization – LA11.1

VALORIZA Team: Paulo Brito; Luiz Rodrigues; Luis Calado and scholarhip

Partner Institutions: Instituto Superior de Agronomia (ISA), Instituto Politécnico de Portalegre, Instituto Nacional de Investigação Agrária e Veterinária, I.P. (INIAV), Federação Portuguesa de Suinicultores (FPAS).

Project Code: PRR-C05-i03-I-000248-LA11.1

Funding: 153.122,75€

Program Period: 26/05/2023 | 30/09/2025

Title: RE-FEED – Renewable Energy production at Farm level for Energy Efficiency and Defossilization – LA 11.2

VALORIZA Team: Paulo Brito; Luiz Rodrigues; Luis Calado and scholarhip

Partner Institutions: Instituto Superior de Agronomia (ISA), Instituto Politécnico de Portalegre, Instituto Nacional de Investigação Agrária e Veterinária, I.P. (INIAV); Agropecuária de Santo André, Lda; Federação Portuguesa de Suinicultores (FPAS), Ambilis – Recolha e Tratamento de Resíduos, S.A; Biofrade – Agropecuária, Lda; Engenatura, Lda; Florineve – Produção e Comércio de Flores, Lda; Porsicuni – Sociedade Agro-pecuária Lda., Valorgado – Agricultura e Pecuária Lda., Suinizado – Agropecuária, Lda

Project Code: PRR-C05-i03-I-000248-LA11.2

Funding: 600.455,74€

Program Period: 01/06/2023 | 30/09/2025

Title: HubRAM (LA 2.2)

VALORIZA Team: Luís Alcino da Conceição

Partner Institutions: DGAV (Entidade Coordenadora); INIAV-Instituto Nacional de Investigação Agrária e Veterinária, I.P; Associação Portuguesa dos Industriais de Alimentos Compostos para Animais; AYA, Soluções Digitais Lda; ICBAS, UP – Universidade do Porto; Faculdade de Medicina Veterinária Universidade de Lisboa; FPAS – Federação Portuguesa de Associações de Suinicultores; Suinizado Lda; IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências); Nomad Suggestion Lda

Project Code: PRR-C05-i03-I-000199-LA2.2

Funding: 89.460,64€

Program Period: 30/06/2023 | 30/09/2025

Title: HubRAM (LA 2.3)

VALORIZA Team: Luís Alcino da Conceição

Partner Institutions: DGAV (Entidade Coordenadora); INIAV-Instituto Nacional de Investigação Agrária e Veterinária, I.P; Associação Portuguesa dos Industriais de Alimentos Compostos para Animais; AYA, Soluções Digitais Lda; ICBAS, UP – Universidade do Porto; Faculdade de Medicina Veterinária Universidade de Lisboa; FPAS – Federação Portuguesa de Associações de Suinicultores; Suinizado Lda; IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências); Nomad Suggestion Lda

Project Code: PRR-C05-i03-I-000199-LA2.3

Funding: 288.729,36€

Program Period: 30/06/2023 | 30/09/2025

Title: HubRAM (LA 2.4)

VALORIZA Team: Luís Alcino da Conceição

Partner Institutions: A redução de 50% do consumo de antimicrobianos (setor animal) até 2030 atuando em três eixos fundamentais, HUBRAM, Vigilância RAM e PEMV. Pretende-se criar plataformas que permitam a gestão integrada de dados de vigilância e monitorização de utilização de antimicrobianos em animais (AMC/AMU), incluindo os classificados como críticos pela OMS; a integração de dados RAM, da avaliação epidemiológica de microrganismos comensais e de agentes zoonóticos de interesse. Ou seja, a criação de uma plataforma que integra toda a informação referente à prescrição de medicamentos (incluindo alimentos medicamentosos), informação referente à segurança dos alimentos, vigilância e monitorização RAM, bem-estar e saúde animal. Para tal, terão de ser igualmente criadas interfaces de integração com as bases de dados nacionais, europeias e internacionais. O HubRAM será munido de ferramentas automáticas de análise com base nas quais será possível estudar os efeitos de correlação entre conjuntos complexos de variáveis, implementar um sistema de classificação baseado em fatores de risco, que permitirá uma análise de âmbito nacional e local (referente a uma exploração específica, por exemplo), com vista à recomendação de medidas de intervenção e disponibilizar a informação no âmbito Uma Só Saúde (DGAV, DGS, APA, Academia, Stakeholders).

Project Code: PRR-C05-i03-I-000199-LA2.4

Funding: 220.243,03€

Program Period: 30/06/2023 | 30/09/2025

Title: USAM SuLei – Uma Saúde para a Utilização Segura de Antimicrobianos na Produção de Suínos e Leite de Bovino (LA 2.2)

VALORIZA Team: Luís Alcino da Conceição, Rute Santos

Partner Institutions: Universidade do Porto (Entidade Coordenadora), IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências), Instituto Nacional de Investigação Agrária e Veterinária, I.P.; Direção Geral de Alimentação e Veterinária; ANABLE – Associação Nacional das Cooperativas dos Bovinos Leiteiros; FENALAC – Federação Nacional das Cooperativas de Leite; FPAS – Federação Portuguesa das Associações de Suinicultores; SCS – Sociedade Científica de Suinicultura; Duarte Reis & Brandão, Lda; Maria Manuela Pereira Marinho; Formigaleite, Lda; FEEDINOV – Associação para a Investigação e Inovação e Nutrição e Alimentação Animal.

Project Code: PRR-C05-i03-I-000173-LA2.2

Funding: 200.677,26€

Program Period: 07/07/2023 | 30/09/2025

Title: USAM SuLei – Uma Saúde para a Utilização Segura de Antimicrobianos na Produção de Suínos e Leite de Bovino (LA 2.3)

VALORIZA Team: Luís Alcino da Conceição, Rute Santos

Partner Institutions: Universidade do Porto (Entidade Coordenadora), IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências), Instituto Nacional de Investigação Agrária e Veterinária, I.P.; Direção Geral de Alimentação e Veterinária; ANABLE – Associação Nacional das Cooperativas dos Bovinos Leiteiros; FENALAC – Federação Nacional das Cooperativas de Leite; FPAS – Federação Portuguesa das Associações de Suinicultores; SCS – Sociedade Científica de Suinicultura; Duarte Reis & Brandão, Lda; Maria Manuela Pereira Marinho; Formigaleite, Lda; FEEDINOV – Associação para a Investigação e Inovação e Nutrição e Alimentação Animal.

Project Code: PRR-C05-i03-I-000173-LA2.3

Funding: 270.807,40€

Program Period: 07/07/2023 | 30/09/2025

Title: USAM SuLei – Uma Saúde para a Utilização Segura de Antimicrobianos na Produção de Suínos e Leite de Bovino (LA 2.4)

VALORIZA Team: Luís Alcino da Conceição, Rute Santos

Partner Institutions: Universidade do Porto (Entidade Coordenadora), IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências), Instituto Nacional de Investigação Agrária e Veterinária, I.P.; Direção Geral de Alimentação e Veterinária; ANABLE – Associação Nacional das Cooperativas dos Bovinos Leiteiros; FENALAC – Federação Nacional das Cooperativas de Leite; FPAS – Federação Portuguesa das Associações de Suinicultores; SCS – Sociedade Científica de Suinicultura; Duarte Reis & Brandão, Lda; Maria Manuela Pereira Marinho; Formigaleite, Lda; FEEDINOV – Associação para a Investigação e Inovação e Nutrição e Alimentação Animal.

Project Code: PRR-C05-i03-I-000173-LA2.4

Funding: 204.592,18€

Program Period: 07/07/2023 | 30/09/2025

Title: USAM SuLei – Uma Saúde para a Utilização Segura de Antimicrobianos na Produção de Suínos e Leite de Bovino (LA 2.5)

VALORIZA Team: Luís Alcino da Conceição, Rute Santos

Partner Institutions: Universidade do Porto (Entidade Coordenadora), IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências), Instituto Nacional de Investigação Agrária e Veterinária, I.P.; Direção Geral de Alimentação e Veterinária; ANABLE – Associação Nacional das Cooperativas dos Bovinos Leiteiros; FENALAC – Federação Nacional das Cooperativas de Leite; FPAS – Federação Portuguesa das Associações de Suinicultores; SCS – Sociedade Científica de Suinicultura; Duarte Reis & Brandão, Lda; Maria Manuela Pereira Marinho; Formigaleite, Lda; FEEDINOV – Associação para a Investigação e Inovação e Nutrição e Alimentação Animal.

Project Code: PRR-C05-i03-I-000173-LA2.5

Funding: 195.740,05€

Program Period: 07/07/2023 | 30/09/2025

Title: H2Excellence: Fuel Cells and Green Hydrogen Centers of Vocational Excellence towards affordable, secure and sustainable energy for Europe

VALORIZA Team: Paulo Brito, Catarina Nobre, Luís Loures, Paulo Ferreira

Partner Institutions: Instituto Politécnico de Portalegre (PT); Vaasa University of Applied Sciences (FI); National Agency for New Technologies, Energy and Sustainable Economic Development (IT); LNEG – Laboratório Nacional de Energia e Geologia I.P. (PT); Centro Superior de Formación Europa Sur (ES); Oy Merinova Ab (FI); University of Perugia (IT); Vamia (City of Vaasa) (FI); Pôle Véhicule du Future (FR); Mondragon University (ES); Energy Cluster of Valencia Region (ES); Enti CONfindustriali Lombardi per l'Education (IT); Federation of Scientific and Technical Associations (IT); Instituto de Soldadura e Qualidade (PT); Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (ES); Atena scarl – Distretto Alta tecnologia Energia Ambiente Italy (IT); Competitiveness and Technology Cluster for Energy (PT); University of Malaga (ES); Ascendis (RO); Malaga Tech Park (ES); European Association of Institutes for Vocational Training (GE); Regional Pomeranian Chamber of Commerce (Cluster of Hydrogen Technologies) (PL); EEO Group (GR); Temasek Polytechnic (SI).

Project Code: 101104447

Funding: 3.996.343,00€

Program Period: 15.06.2023 | 14.06.2027

Title: HYFUELUP – HYBRID BIOMETHANE PRODUCTION FROM INTEGRATED BIOMASS CONVERSION

VALORIZA Team: Paulo Brito, Catarina Nobre, Luiz Rodrigues, Ana Loures, Bruna Rijo, Cecília Pedrero, PhD scholarship

Partner Institutions: Instituto Politécnico de Portalegre, Laboratório Nacional de Energia e Geologia I.P. (LNEG), University of Stuttgart (USTUTT), Centre for Renewable Energy and Saving Foundation (CRES), BIOPLAT, DOUROGÁS Renovável – Produtora de Gás (DGR), CIRCLEMOLECULE, LDA (CM).

Project Code: 101084148

Funding: 10 294 344,44€

Program Period: 01/11/2022 | 31/10/2026

Title: RESIST – Regions for climate change resilience through Innovation, Science and Technology

VALORIZA Team: Paulo Brito, Valter Silva, Catarina Nobre, Bruna Rijo, Cecília Pedrero,

Partner Institutions: Instituto Politécnico de Portalegre (PT); INOVA+ – Innovation Services, SA (PT); Fondation Europeenne De La Science (FR); Adelphi Research Gemeinnutzige GMBH (DE); AugmentCity As (NO); Katholieke Universiteit Leuven (BE); Zentrum Fur Soziale Innovation GMBH (AT); European Regions Research and Innovation Network ASBL (BE); REVOLVE (ES); Startup Europe Regions Network (BE); Fasttrack VC General Partner LLP (UK); Varsinais-Suomen Liitto (FI); City of Turku (FI); Turun Ammattikorkeakoulu OY (FI); Turun Yliopisto (FI); Luonnonvarakeskus (FI); Perifereia Anatolikis Makedonias Kai Thrakis (EL); Dimokritio Panepistimio Thrakis (EL); Enora Innovation Etaireia Psifiakon Texnologia Kai Ergon Kainotomias Idiotiki Kefalaiousiki Etaireia (EL); Region Normandie (FR); Centre D Etudes ET D Expertise Sur Les Risques L Environnement La Mobilite ET L Amenagement (FR); Office Francais de La Biodiversite (FR); Region Midtjylland (DK); Aarhus Universitet (DK); Naturstyrelsen (DK); Via University College (DK); Niras AS (DK); Blekinge Lans Landsting (SE); Blekinge Tekniska Hogskola (SE); Zemgales Planosanas Regions (LV); Departament d'Interior – Generalitat de Catalunya (ES); Universitat Politecnica de Catalunya (ES); Fundacio Per A La Universitat Oberta de Catalunya (ES); Hydrometeorological Innovative Solutions (ES); Ajuntament de Terrassa (ES); Ajuntament de Blanes (ES); Regione Puglia – Dipartimento Turismo, Economia della Cultura, Valorizzazione Territoriale (IT); Tecnopolis Parco Scientifico e Tecnologico SCARL (IT); Comunidade Intermunicipal do Baixo Alentejo (PT); ITECONS – Instituto de Investigação e Desenvolvimento Tecnológico para a Construção Energia Ambiente e Sustentabilidade (PT); Comissão de Coordenação e Desenvolvimento Regional do Centro (PT); Comunidade Intermunicipal do Médio Tejo (PT); Comunidade Intermunicipal do Médio Tejo (PT);

Associação BLC3 – Campus Tecnologia e Inovação (PT); FORESTWISE – Associação para o Laboratório Colaborativo para a Gestão Integrada da Floresta e do Fogo (PT); Gobierno de Extremadura (ES); Fundacion FUNDECYT – Parque Científico Y Tecnológico de Extremadura (ES); Universidad de Extremadura (ES); Vesterålen regionråd (NO); Lofotr Næringsdrift AS (NO); Andfjord Salmon AS (NO); MédioTejo21- Agência Regional de Energia e Ambiente da região do Médio Tejo e Pinhal Interior Sul (PT); Associação para um centro de estudos em Desenvolvimento Sustentável (PT); Association pour la cooperation culturelle et economie numerique avec le sud de l Europe (FR); Odeskij Nacionalniy Universitet Imeni I.I. Mechnikova (UA).

Project Code: 101093968

Funding: 24.949.990,25€

Program Period: 01.01.2023 | 31.12.2027

Title: PYRAGRAF – Decentralized pyrolytic conversion of agriculture and forestry wastes towards local circular value chains and sustainability

VALORIZA Team: Paulo Brito, Catarina Nobre, Luís Calado, Roberta Panizio, Luiz Rodrigues, Luis Loures, Bruna Rijo, Cecília Pedrero.

Partner Institutions: Instituto Politécnico de Portalegre (PT); BIOREF Laboratório Colaborativo para as Biorrefinarias (PT); Karlsruhe Institut fuer Technologie (DE); Turkiye Bilimsel Ve Teknolojik Arastirma Kurumu (TR); Kungliga Tekniska Hoegskolan (SE); Universidade de Évora (PT); Universitaet Hohenheim (DE); Ankara Universitesi (TR); Laboratório Nacional de Energia e Geologia I.P. (PT); Siec Badawcza Lukasiewicz – Poznanski Instytut Technologiczny (PL); carbonauten GmbH (GE); IDEIA SRL (IT); MICE – Molds and Injected Components Engineering, SA (PT); Agrokraft GmbH (GE); TOPSOE AS (DE); Câmara Municipal de Vila de Rei (PT); Nizip Zeytinantep Fistigi Ureticileri Birligi Dernegi (TR); Murat Salih (TR); Martin Junger Landwirtschaftsbetrieb (GE); Wirtschaft und Infrastruktur GMBH & CO Planungs KG (GE).

Project Code: 101114608

Funding: 6.128.225,00€

Program Period: 01.07.2023 | 30.06.2027

Title: WIRE – Waste biorefinery technologies for accelerating sustainable energy processes

VALORIZA Team: Ana Loures

Partner Institutions: s/informação

Project Code: OC-2020-1-24863

Funding: -

Program Period: 27/10/2021 | 26/10/2025

Title: 0108_FUTURETECH_H2_5_E – Fomento y Desarrollo Tecnológico de la Industria del Hidrógeno Verde

VALORIZA Team: Paulo Brito, Pedro Romano

Partner Institutions: Federación de Empresarios del Metal; ADRAL – Agência de Desenvolvimento Regional do Alentejo; Federación de Empresarios del Metal; Fundacion Andaluza Para El Desarrollo Aeroespacial; Fundación Nao Victoria; Instituto Politécnico de Portalegre; Universidade de Évora

Project Code: 0108_FUTURETECH_H2_5_E

Funding: 1.024.923,69€

Program Period: 01/09/2023 | 31/12/2025

Title: 0093_AIHRE_6_E – Análisis e Impulso del H2 RENovable en la región POCTEP

VALORIZA Team: Paulo Brito, Pedro Romano

Partner Institutions: Fundación Cidaut; Fundación Corporación Tecnológica de Andalucía; Fundacion Instituto Tecnológico de Galicia; Instituto de Ciência e Inovação em Engenharia Mecânica e Engenharia Industrial (INEGI); Instituto Politécnico de Portalegre; Ministerio de Defensa – INTA – S.G. de Sistemas Aeronáuticos – INTA – Centro de Experimentación de El Arenosillo (CEDEA); Universidad de Sevilla –

Rectorado (RECTOR) – Vicerrectorado de Investigación; Universidade de Évora; Universidade do Porto – U.Porto/FEUP – Faculdade de Engenharia

Project Code: 0093_AIHRE_6_E

Funding: 1.133.849,60 €

Program Period: 01/07/2023 | 30/06/2026

Title: 0066_BGREENER_4_E – Biodiversidad y Cáñamo, Nuevos Enclaves en la Zona Euroace

VALORIZA Team: Francisco Mondragão Rodrigues, Noémia Farinha, Orlanda Póvoa

Partner Institutions: Dirección General de Política Agraria Comunitaria, Asociación Empresarial de Investigación Centro Tecnológico Nacional Agroalimentario Extremadura (CTAEX); Centro de Investigaciones Científicas y Tecnológicas de Extremadura (CICYTEX); Instituto Politécnico de Portalegre; Instituto Tecnológico de Rocas Ornamentales y Materiales de Construcción (INTROMAC); Itecons – Instituto de Investigaçã o e Desenvolvimento Tecnológico para a Construção, Energia, Ambiente e Sustentabilidade; Junta de Extremadura

Project Code: 0066_BGREENER_4_E

Funding: 100.000,00 €

Program Period: 01/01/2024 | 31/12/2026

Title: AC/DC – Uso de amónia como catalisador da descarbonização de centrais de geração de energia e electricidade através de combustão directa

VALORIZA Team: Valter Silva

Partner Institutions: Instituto de Engenharia Mecânica (IDMEC)

Project Code: 10.54499/PTDC/EME-REN/4124/2021

Funding: 214.958,29 €

Program Period: 01/04/2022 | 31/03/2025

Title: INOVCIRCOLIVE – Inovação e Circularidade no Setor Oleícola (LA 5.1)

VALORIZA Team: José Manuel Rato Nunes

Partner Institutions: Universidade de Évora (Entidade Coordenadora), IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências), INIAV- Instituto Nacional de Investigaçã o agrária e Veterinária, I.P.; PACT – Parque do Alentejo de Ciência e Tecnologia; CEBAL; CEPAL – Centro de Estudos e Promoção do Azeite do Alentejo; Portugal Rural; Torre das Figueiras; António Rosado; Courela do Zambujeiro (biológicos/biodinâmico); Planície de Verão, Agro-Pecuária, Lda; Cooperativa de Olivicultores do Cano; SICA – Sociedade Industrial e Comercial de Azeites

Project Code: PRR-C05-i03-I-000208-LA5.1

Funding: 204.847,34€

Program Period: 16/06/2023 | 30/09/2025

Title: INOVCIRCOLIVE – Inovação e Circularidade no Setor Oleícola (LA 5.4)

VALORIZA Team: José Manuel Rato Nunes

Partner Institutions: Universidade de Évora (Entidade Coordenadora), IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências), INIAV- Instituto Nacional de Investigaçã o agrária e Veterinária, I.P.; PACT – Parque do Alentejo de Ciência e Tecnologia; CEBAL; CEPAL – Centro de Estudos e Promoção do Azeite do Alentejo; Portugal Rural; Torre das Figueiras; António Rosado; Courela do Zambujeiro (biológicos/biodinâmico); Planície de Verão, Agro-Pecuária, Lda; Cooperativa de Olivicultores do Cano; SICA – Sociedade Industrial e Comercial de Azeites

Project Code: PRR-C05-i03-I-000208-LA5.4

Funding: 134.198,86€

Program Period: 16/06/2023 | 30/09/2025

Title: INOVCIRCOLIVE – Inovação e Circularidade no Setor Oleícola (LA 5.5)

VALORIZA Team: José Manuel Rato Nunes

Partner Institutions: Universidade de Évora (Entidade Coordenadora), IPPortalegre, InovTechAgro (Representado pelo IPPortalegre, Centro de Competências), INIAV- Instituto Nacional de Investigação agrária e Veterinária, I.P.; PACT – Parque do Alentejo de Ciência e Tecnologia; CEBAL; CEPAL – Centro de Estudos e Promoção do Azeite do Alentejo; Portugal Rural; Torre das Figueiras; António Rosado; Courela do Zambujeiro (biológicos/biodinâmico); Planície de Verão, Agro-Pecuária, Lda; Cooperativa de Olivicultores do Cano; SICA – Sociedade Industrial e Comercial de Azeites

Project Code: PRR-C05-i03-l-000208-LA5.5

Funding: 169.611,79€

Program Period: 16/06/2023 | 30/09/2025

Title: ALT-BiotechRepGen – Recursos Genéticos Animais e Biotecnologias: projeção para o futuro

VALORIZA Team: Carolina Maria da Silva, Rute Isabel Duarte Guedes dos Santos

Partner Institutions: Instituto Nacional de Investigação Agrária e Veterinária, I.P., Acos-Associação de Agricultores do Sul, Instituto Politécnico de Santarém

Project Code: ALT20-03-0246-FEDER-000021

Funding: 434.833,39€

Program Period: 03/04/2017 | 31/12/2019

Title: OLEAVALOR – VALORIZAÇÃO DAS VARIEDADES DE OLIVEIRA PORTUGUESAS

VALORIZA Team: Francisco Mondragão Rodrigues, Graça Carvalho, Luís Conceição

Partner Institutions: Universidade de Évora, INIAV – Instituto Nacional de Investigação Agrária e Veterinária; CEBAL – Centro de Biotecnologia Agrícola e Agroalimentar do Alentejo Instituto Nacional de Investigação Agrária e Veterinária, I.P., Acos-Associação de Agricultores do Sul, Instituto Politécnico de Santarém

Project Code: ALT20-03-0145-FEDER-000014

Funding: 664.344,43€

Program Period: 01/07/2016 | 30/06/2019

Title: Valoriza4EU – Partilha europeia de estratégias de valorização de recursos endógenos

VALORIZA Team: Paulo Brito, Luís Loures, Paulo Ferreira

Partner Institutions: -

Project Code: ALT20-03-0145-FEDER-045974

Funding: 67.313,55 €

Program Period: 09/10/2019 | 08/10/2022

Title: ISOmap Forragem – Tecnologias Normalizadas na Produção de Forragens

VALORIZA Team: Luis Alcino da Conceição, Luís Loures, Paulo Ferreira, Susana Dias, Vera Barradas

Partner Institutions: Instituto Politécnico de Portalegre, Instituto Nacional de Investigação Agrária e Veterinária, I.P.

Project Code: ALT20-03-0246-FEDER-000062

Funding: 143.962,42€

Program Period: 01/09/2020 | 31/12/2022

Title: BioBIP 2 – TechTRANSFER

VALORIZA Team: Luís Loures, Joaquim Mourato, Paulo Brito, Valentim Realinho, Paulo Ferreira

Partner Institutions: -

Project Code: ALT20-01-0651-FEDER-000012

Funding: 2.797.305,35€

Program Period: 04/03/2020 | 28/02/2023

Title: DMAIC – AGROGAS – Implementação da metodologia DMAIC para potenciar a valorização de resíduos agro-industriais através de soluções de gaseificação em pequena escala

VALORIZA Team: Valter Silva, Paulo Brito

Partner Institutions: -

Project Code: ALT20-03-0145-FEDER-039486

Funding: 159.020,15€

Program Period: 01/11/2019 | 31/10/2023

Title: SynDiesel – Combustíveis para motores diesel a partir de gaseificação térmica de resíduos e culturas dedicada

VALORIZA Team: Paulo Brito, Valter Silva, Roberta Panizio, Pedro Romano

Partner Institutions: Instituto Nacional de Investigação Agrária e Veterinária, I.P. (INIAV)

Project Code: ALT20-03-0145-FEDER-039485

Funding: 300.072,18€

Program Period: 01/11/2019 | 30/06/2023

Title: GESCERTOLIVE: Apoio à gestão de olivais e à certificação de material vegetativo de variedades de oliveira nacionais

VALORIZA Team: Francisco Mondragão Rodrigues, Vera Barradas

Partner Institutions: Universidade de Évora

Project Code: ALT20-03-0246-FEDER-000058

Funding: 236.050,02€

Program Period: 28/09/2020 | 27/03/2023

Title: EQUI MAIS: Melhor Produção Equina

VALORIZA Team: Rute Santos, Carolina Silva

Partner Institutions: Universidade de Évora, Instituto Politécnico de Santarém

Project Code: ALT20-03-0246-FEDER-000055

Funding: 627.961,52€

Program Period: 23/09/2020 | 30/06/2023

Title: PigWasteBioRefinery – Biorrefinaria suinícola com base em processos biológicos, térmicos e eletroquímicos – Projeto-piloto móvel demonstrador

VALORIZA Team: Paulo Brito, Pedro Romano

Partner Institutions: -

Project Code: ALT20-03-0246-FEDER-000054

Funding: 322.977,80€

Program Period: 15/10/2020 | 14/04/2023

Title: GUARDIÕES

VALORIZA Team: Luís Loures, Paulo Ferreira, José Rato Nunes, Valentim Realinho, Graça Pacheco Carvalho, Susana Dias, Vera Barradas, Pedro Romano, José Gama, João Luis de Miranda, Rute dos Santos, Laura Hurtado, Ana Loures, Elvira Pinto

Partner Institutions: Instituto Politécnico de Portalegre, Comissão de Coordenação e Desenvolvimento Regional do Alentejo e a Associação para o Fórum da Energia e Clima

Project Code: ALT20-09-5864-FSE-000004

Funding: 3.347.549,02 €

Program Period: 20/04/2021 | Fim: 31/12/2023

Title: INOVSTONE 4.0 – Tecnologias Avançadas e Software para a Pedra Natural

VALORIZA Team: Paulo Brito, Pedro Romano

Partner Institutions: CEI – Companhia de Equipamentos Industriais, Lda, Fravizel; Solancis; INOCAM; UÉvora; Torre; INOVOPEDRA; ISQ; FILSTONE; UNL; MARFILPE; ISCTE; FRONTWAVE; Joaquim Duarte Urmal & Filhos Lda; DIAPOR; IST; PEDRAMOCA; UTAD; ZIPOR; GRANIALPA; GRANOGULI; MARMOCAZI; Marmores Galvão; GRANATUR.

Project Code: POCI-01-0247-FEDER-024535

Funding: 4.586.821,40€

Program Period: 01/01/2017 | 31/12/2020

Title: AmbWTE – Biomass and Waste to Energy System

VALORIZA Team: Paulo Brito; Pedro Romano

Partner Institutions: AMBITERMO – Engenharia e Equipamentos Térmicos, Instituto Politécnico de Portalegre; C.V.R. – Centro de Valorização de Resíduos; Universidade do Minho; Universidade Nova de Lisboa

Project Code: POCI-01-0247-FEDER-039838 | LISBOA-01-0247-FEDER-039838

Funding: FEDER: 904.747,98€

Program Period: 30/03/2020 | 30/06/2023

Title: Move2LowC – Combustíveis de Base Biológica

VALORIZA Team: Paulo Brito

Partner Institutions: A4F, Alga Fuel, S.A., Instituto Politécnico de Portalegre; Associação BioRef – Laboratório Colaborativo para as Biorefinarias; APQuímica – Associação Portuguesa da Química, Petroquímica e Refinação; Biotrend – Inovação e Engenharia em Biotecnologia, S.A.; Bio Dourogás – Produtora de Gás Combustível, S.A.; Redeteca – Construção de Instalações de Redes de Gás, S.A.; Petrogal, S.A.; Solvay Portugal – Produtos Químicos, S.A.; SysAdvance – Sistemas de Engenharia, S.A.; Instituto Superior Técnico; Laboratório Nacional de Energia e Geologia (LNEG); Universidade do Minho; Universidade de Trás-os-Montes e Alto Douro; Faculdade de Ciências da Universidade de Lisboa; Universidade do Porto; Unversidade NOVA de Lisboa; Raíz – Instituto de Investigação da Floresta e Papel

Project Code: POCI-01-0247-FEDER-046117

Funding: 4.641.491,52€

Program Period: 01/10/2019 | 30/06/2023

Title: Link Me Up – 1000 ideias

VALORIZA Team: Joaquim Mourato, Paulo Ferreira, Carolina Silva

Partner Institutions: Instituto Politécnico de Leiria, Instituto Politécnico de Portalegre, Instituto Politécnico de Beja, Instituto Politécnico de Bragança, Instituto Politécnico de Castelo Branco, Instituto Politécnico de Cávado e do Ave, Instituto Politécnico de Coimbra, Instituto Politécnico da Guarda, Instituto Politécnico do Porto, Instituto Politécnico de Santarém, Instituto Politécnico de Tomar, Instituto Politécnico de Viana do Castelo e Instituto Politécnico de Viseu.

Project Code: POCI-03-33B5-FSE-072070

Funding: 4.728.357,97€

Program Period: 12/02/2021 | 30/06/2023

Title: PAPEPO – Papel Pedra Portugal Circular economy solution for the recovery of limestone extraction and exploitation waste

VALORIZA Team: Paulo Brito, Luís Loures, Pedro Romano

Partner Institutions: Mvc-Marmores de Alcobaca LDA, Instituto Politécnico de Portalegre, Instituto Politécnico de Leiria e New/Next Moves – Consultoria de gestão LDA

Project Code: POCI-01-0247-FEDER-069882

Funding: 304.450,86€

Program Period: 01/07/2021 | 30/06/2023

Title: TransCoTec – Transferência do Conhecimento Científico e Tecnológico

VALORIZA Team: Francisco Luís Mondragão Rodrigues, Luís Alcino Pinto Monteiro da Conceição, Luís Carlos Loures, Noémia do Céu Machado Farinha, Paulo Jorge Silveira Ferreira, Paulo Sérgio Duque de Brito, Pedro Manuel Gonçalves Silva Romano, Valentim Alberto Correia Realinho, Vera Lúcia Vintém Barradas Martins

Partner Institutions: Instituto Politécnico de Portalegre, Instituto Politécnico de Tomar, Instituto Politécnico de Santarém

Project Code: POCI-01-0246-FEDER-181321

Funding: 625.745,92€

Program Period: 01/11/2021 | 30/06/2023

Title: RDFGAS – APROVEITAMENTO ENERGÉTICO DOS COMBUSTÍVEIS DERIVADOS DE RESÍDUOS E LAMAS SECAS

VALORIZA Team: Paulo Brito, Valter Silva

Partner Institutions: Instituto Politécnico de Setúbal; CVR – Centro para a Valorização de Resíduos

Project Code: POCI-01-0145-FEDER-024020 | SAICT-POL/24020/2016

Funding: 112.563,54€

Program Period: 01/11/2017 | 02/05/2019

Title: Verão com Ciência 2022

VALORIZA Team: Paulo Ferreira

Partner Institutions: -

Project Code: -

Funding: 1.458,36€

Program Period: 17/08/2022 | 16/09/2022

Title: PyroC.pt – Modelação de fogos florestais para avaliação de riscos e estudo da piroconvecção em Portugal

VALORIZA Team: Susana Dias

Partner Institutions: Universidade de Évora, Instituto Politécnico de Portalegre; Instituto Português do Mar e da Atmosfera, I. P. (IPMA)

Project Code: PCIF/MPG/0175/2019

Funding: 240.000,88 €

Program Period: 15/03/2021 | 14/03/2024

Title: RUMMUNITY – DIMINUIÇÃO DA MORTALIDADE E MORBILIDADE PERINATAIS POR FALHA DA TRANSFERÊNCIA DA IMUNIDADE PASSIVA EM BOVINOS EM REGIME EXTENSIVO COM BASE NA ADMINISTRAÇÃO DE PLASMA

VALORIZA Team: Rute Santos, Carolina Silva, Laura Hurtado, Graça Carvalho, Lina Costa

Partner Institutions: Instituto Politécnico de Portalegre, Instituto Politécnico de Viseu; Sociedade Agrícola da Herdade da Granja do Peral, Lda; Visacampo – Sociedade Agro Pecuária, Lda.

Project Code: POCI-01-0145-FEDER-023757

Funding: 111.215,34€

Program Period: 11/09/2017 | 13/09/2019

Title: INTERATrigo – Avaliação do rendimento e qualidade em trigo mole em função das suas interações água-azotonder

VALORIZA Team: Noémia Farinha, Francisco Mondragão Rodrigues

Partner Institutions: Instituto Politécnico de Beja, Instituto Politécnico de Portalegre, Instituto Politécnico de Santarém, Instituto Politécnico de Castelo Branco, Instituto Nacional de Investigação Agrária e Veterinária, Centro Operativo e de Tecnologia de Regadio, Instituto Superior de Agronomia e Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa

Project Code: POCI-01-0145-FEDER-023262
Funding: 123.746,45€
Program Period: 09/10/2017 | 31/12/2019

Title: CFD4CHEESE – Aplicação da mecânica dos fluidos computacional na otimização das condições de cura de queijos tradicionais

VALORIZA Team: Maria da Graça Pacheco de Carvalho, Paulo Jorge Silveira Ferreira; Rute Guedes dos Santos; Francisco Mondragão Rodrigues

Partner Institutions: Instituto Politécnico de Beja, Instituto Politécnico de Portalegre, Instituto Politécnico de Setúbal; Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa; Centro de Biotecnologia Agrícola e Agro-Alimentar do Alentejo – CEBAL

Project Code: POCI-01-0145-FEDER-023356
Funding: 105.903,02€
Program Period: 19/02/2018 | 21/08/2020

Title: Co-gaseificação de RSU / misturas de biomassa para fins energéticos: análise experimental e numérica

VALORIZA Team: Valter Silva

Partner Institutions: -

Project Code: IF/01772/2014/CP1253/CT0003
Funding: 45.000,00€
Program Period: 01/04/2015 | 29/02/2020

Title: BIODÉS – Melhorar a vida no espaço urbano em um ambiente em mudança através do desenho biofílico

VALORIZA Team: Luís Loures

Partner Institutions: Universidade do Algarve, Instituto Politécnico de Portalegre

Project Code: PTDC/GES-URB/31928/2017
Funding: 232.186,42€
Program Period: 01/10/2018 | 30/09/2022

Title: 2ProSA – Programa de Promoção do Sucesso Académico

VALORIZA Team: Paulo Ferreira, Carolina Santos, Graça Carvalho, Jacinto Gomes, Jorge Machado, Laura Hurtado, Lina Costa, Noémia Farinha, Valderi Leithardt, Valentim Realinho

Partner Institutions: -

Project Code: POCH-02-5312-FSE-000040
Funding: 198.877,98€
Program Period: 01/10/2022 | 10/11/2023

Title: INNOACE – INOVAÇÃO ABERTA E INTELIGENTE NA EUROACE

VALORIZA Team: Maria da Graça Pacheco de Carvalho, Francisco Mondragão Rodrigues, Paulo Brito, Pedro Romano, José Manuel Rato Nunes, Luís Loures, Paulo Ferreira, José Gama, Noémia Farinha, Orlanda Póvoa, Luís Alcino da Conceição

Partner Institutions: Centro de Investigaciones Científicas y Tecnológicas de Extremadura (CICYTEX), Instituto Politécnico de Portalegre; Instituto Politécnico de Castelo Branco; Instituto Politécnico de Beja; Universidade de Évora; Centro de Biotecnologia Agrícola e Agro-Alimentar do Alentejo (CEBAL); Associação Centro de Apoio Tecnológico Agro-Alimentar de Castelo Branco (CATAA); Parque Científico e Tecnológico do Alentejo (PCTA); Instituto Pedro Nunes – Associação para a Inovação e Desenvolvimento em Ciência e Tecnologia; Centro de Investigaciones Científicas y Tecnológicas de Extremadura (CICYTEX). Consejería de Economía e Infraestructuras. Junta de Extremadura; Asociación Empresarial Centro Tecnológico Nacional Agroalimentario “Extremadura” (CTAEX); Fundación FUNDECYT Parque Científico y Tecnológico de Extremadura; Instituto Tecnológico de Rocas

Ornamentales Y Materiales de Construcción (INTROMAC); Institución Ferial de Extremadura (FEVAL); Instituto de Arqueología (Agencia Estatal Consejo Superior de Investigaciones Científicas).

Project Code: 0049_INNOACE_4_E

Funding: 3.416.866,58€

Program Period: 01/07/2015 | 31/12/2019

Title: INNOINVEST – Promoção do investimento empresarial na inovação de produtos energéticos para edificação

VALORIZA Team: Paulo Brito, Pedro Romano

Partner Institutions: Agencia Extremeña de La Energía (AGENEX), Instituto Politécnico de Portalegre (IPP); Agência Regional de Energia e Ambiente do Norte Alentejano e Tejo (AREANATEJO); Asociación de Instaladores Electricistas y Telecomunicaciones de Badajoz (ASINET); Asociación de Instaladores Electricistas y Telecomunicaciones de Cáceres (ASEMIET); Asociación Regional de Empresarios del Metal de Extremadura (ASPREMETAL); Cluster de La Energía de Extremadura (CLUSTEREX); Federación Regional de la pequeña y mediana empresa de la Construcción y Afines de Extremadura (PYMECON); Instituto Politécnico da Guarda (IPG); Instituto Português de Energia Sola (IPES); Instituto Tecnológico de Rocas Ornamentales y Materiales de La Construcción (INTROMAC); Junta de Extremadura Consejería de Medio Ambiente y Rural, Políticas Agrarias y Territorio Dirección General de Medio Ambiente (JUNTAEX); Junta de Extremadura Consejería de Medio Ambiente y Rural, Políticas Agrarias y Territorio Dirección General de Urbanismo y Ordenación del Territorio; Junta de Extremadura Dirección General de Arquitectura y Calidad de la Edificación; Núcleo Empresarial da Região de Évora (NERE-AE); Núcleo Empresarial da Região de Portalegre/ Associação Empresarial (NERPOR-AE); Universidad de Extremadura (UEX)

Project Code: 0605_INNOINVEST_4_E

Funding: 1.925.868,83€

Program Period: 01/10/2017 | 31/03/2023

Title: ECO2CIR – Projeto de cooperação transfronteiriça para a introdução da economia ecológica e circular através da prevenção, melhoria da reciclagem, gestão e valorização de resíduos nas regiões do Centro, Extremadura e Alentejo

VALORIZA Team: Paulo Brito, Paulo Brito, Pedro Romano

Partner Institutions: Junta de Extremadura. Dirección General de Medio Ambiente de la Junta de Extremadura, Instituto Politécnico de Portalegre; Universidade de Évora; Associação de Defesa do Património de Mértola; Diputación Provincial de Cáceres; GESPESA – Gestión y Explotación de Servicios Públicos Extremeños, S.A.U.; INTROMAC – Instituto Tecnológico de Rocas Ornamentales y Materiales de Construcción; Mancomunidad Integral Sierra de San Pedro; PROMEDIO – Consorcio para la Gestión de Servicios Medioambientales de la Provincia de Badajoz; Ayuntamiento de Mérida; Universidad de Extremadura; GESAMB – Gestão Ambiental e de Resíduos; RESIALENTEJO – Tratamento e Valorização de Resíduos; AGENEX – Agencia Extremeña de la Energía

Project Code: 0008_ECO2CIR_4_E

Funding: 2.562.241,77€

Program Period: 01/04/2015 | 31/03/2022

Title: COOP4PAM – Cooperar para crescer no setor das plantas aromáticas e medicinais

VALORIZA Team: Orlanda Póvoa, Noémia Farinha, Francisco Mondragão Rodrigues, Luís Alcino da Conceição

Partner Institutions: Associação para o Desenvolvimento do Concelho de Moura (ADC Moura), Instituto Politécnico de Portalegre; Fundación Fundecyt – Parque Científico y Tecnológico de Extremadura (FUNDECYT – PCTEX); Centro de Investigaciones Científicas y Tecnológicas de Extremadura (CICYTEX); INOVCLUSTER – Associação do Cluster Agroindustrial do Centro; Health Products Research and Development, Lda. (LABFIT); Instituto Politécnico de Castelo Branco;

Associação Centro de Biotecnologia de Plantas da Beira Interior (CBPBI); Asociacion Empresarial Centro Tecnológico Nacional Agroalimentario Extremadura (CTAEX).

Project Code: 0665_COOP4PAM_4_P

Funding: 467.456,88€

Program Period: 01/10/2018 | 31/12/2022

Title: InovTechAgro – Consolidar e divulgar inovação junto do setor agroflorestal nas competências de Mecanização, Agricultura de Precisão e Digitalização

VALORIZA Team: Luís Alcino da Conceição, Luís Silva

Partner Institutions: -

Project Code: PDR2020-2024-080340

Funding: 42.646,00 €

Program Period: 01/01/2022 | 31/12/2023

Title: Conservação e melhoramento de plantas aromáticas e medicinais

VALORIZA Team: Noémia Farinha, Orlanda Póvoa, Francisco Mondragão Rodrigues, Luís Alcino da Conceição, Paulo Ferreira

Partner Institutions: Instituto Politécnico de Portalegre; Instituto Nacional de Investigação Agrária e Veterinária; Faculdade de Ciências – Universidade de Lisboa

Project Code: PDR2020-784-042741

Funding: 125.414,50€

Program Period: 01/09/2018 | 31/08/2022

Title: WASTE2H2 – Waste to Hydrogen

VALORIZA Team: Paulo Brito, Luís Loures, Ana Loures

Partner Institutions: Instituto Politécnico de Portalegre, Kungliga Tekniska Högskolan – KTH – Royal Institute of Technology (Suécia); ENEA – Italian National Agency for New Technologies, Energy and Sustainable Economic Development (Itália); KIT – Karlsruhe Institute of Technology (Alemanha)

Project Code: 952593

Funding: 899.718,75 €

Program Period: 01/01/2021 | 31/12/2023

Title: LandFood

VALORIZA Team: Paulo Brito, Ana Loures

Partner Institutions: Armazém da Bolota, LandraTech

Project Code: PV20-00050

Funding: 120.968,03€

Program Period: 04/01/2021 | 29/12/2024

Title: Agro Water Saving – Tecnologia integrada de poupança de água e sensibilização ambiental

VALORIZA Team: Luís Loures, Paulo Ferreira, José Rato Nunes, João Luís Miranda

Partner Institutions: -

Project Code: -

Funding: 74.723,00€

Program Period: 01/03/2019 | 28/02/2021

Title: (Des)construir para a Economia Circular

VALORIZA Team: Luís Loures, Pedro Romano, Ana Loures

Partner Institutions: Comunidade Intermunicipal do Baixo Alentejo (CIMBAL), Instituto Politécnico de Portalegre; Laboratório Nacional de Energia e Geologia (LNEG); Universidade Nova de Lisboa; Resialentejo – Tratamento e Valorização de Resíduos, E.I.M.; Smart Waste Portugal Association; RDF Construções – Sociedade Imobiliária, Lda.; CERCIBEJA – Cooperativa para a Educação, Reabilitação,

Capacitação e Inclusão de Beja, CRL; International Development Norway AS (Noruega); National Centre for Sustainable Production and Consumption (Roménia); ENVIROS s.r.o. (República Checa).

Project Code: 08_Call#2 – (Des)construir para a Economia Circular

Funding: 587.801,00€

Program Period: 01/09/2020 | 30/11/2022

Title: Circle Molecule

VALORIZA Team: Paulo Brito

Partner Institutions: Circlemolecule, Lda

Project Code: C06.004

Funding: 1.095.011,09 €

Program Period: 01/03/2021 | 28/02/2023

7. Events organized by VALORIZA

2024

Applied research and innovation meeting | January 19-23

<https://www.ipportalegre.pt/pt/2024/01/19/encontro-de-pesquisa-aplicada-e-inovacao/>

International Conference on Water, Energy, Food and Sustainability (ICoWEFS 2024) | May 8-10

<https://icowefs.ipportalegre.pt/>

WIRE COST Action - 1st Training School: “Waste biorefineries: feedstocks, conversion technologies, products and applications” | July 15-19

<https://wire-cost-eu.ipportalegre.pt/activities/training-schools/>

NEI 2024 pre-event: Open Class on Psychopathology in the City of Portalegre | September 12th

<https://valoriza.ipportalegre.pt/pre-evento-nei-2024-aula-aberta-sobre-psicopatologia-da-cidade-de-portalegre/>

European Researchers' Night | September 27th

<https://valoriza.ipportalegre.pt/nei-2024-sunset-de-ciencia-e-pre-evento-aula-aberta-sobre-psicopatologia-da-cidade-de-portalegre/>

International Open Access Week | October 21-25

<https://valoriza.ipportalegre.pt/semana-internacional-do-acesso-aberto-2024/>

3rd International Bioenergy Conference | November 6-8

<https://www.bioenergy-conference.com/>

Science and Technology Week | November 18-24

<https://valoriza.ipportalegre.pt/semana-da-ciencia-e-da-tecnologia-2024/>

Education-Business-Research Forum | November 28

<https://valoriza.ipportalegre.pt/education-business-research-forum/>

1st Virtual Meeting NPAI + CARE + VALUES | December 5th

<https://valoriza.ipportalegre.pt/encontro-virtual-npaicarevaloriza/>

“Haja Ciência” (in permanence)

<https://www.youtube.com/playlist?list=PLTOdx60lp7MUknoqnF-b5qa-R9iEaAB8e>

2023

“Haja Ciência” (in permanence)

<https://www.youtube.com/playlist?list=PLTOdx60lp7MUknoqnF-b5qa-R9iEaAB8e>

Research Seminars | monthly periodicity (first semester)

Workshop on ZENODO | January 17th

IV Energy & Climate Summit | January 26th and 27th

<https://www.ipportalegre.pt/pt/2023/01/26/iv-energy-climate-summit/>

Workshop Depositing in RCAAP from CIÊNCIA ID | February 9

Training Workshop on demand for scientific newspapers/magazines | February 15th and 16th

Workshop on morphological and locomotor assessment in sport horses, event organized within the scope of the EQUIMAIS project | February 17th

<https://ipportalegre.pt/pt/2023/02/17/equimais-workshop-sobre-avaliacao-morfologica-e-locomotora-em-cavalos-de-desporto/>

3rd WASTE2H2 Workshop “Waste-to-gas cutting-edge technologies” | February 20th to 22nd

<https://waste2h2.eu/2023/06/14/waste-to-gas-cutting-edge-technologies/>

“Innovation and Profitability in traditional varieties of Portuguese olive trees”, event organized within the scope of the GESCERTOLIVE project, March 20

<https://esbe.ipportalegre.pt/pt/2023/03/21/gescertolive-realiza-jornadas-sobre-variedades-tradicionais-de-oliveira-portuguesas/>

V Energy & Climate Summit | April 19th and 20th

<https://www.ipportalegre.pt/pt/2023/04/19/v-energy-climate-summit/>

Iberian Tourism Days | May 31st and June 1st

<https://www.ipportalegre.pt/pt/2023/05/31/i-jornadas-ibericas-de-turismo/>

APA Workshop 7th Ed. / ABNT | June 7th

Workshop Introduction to ZOTERO | June 21

Researchers Meeting | June 23

https://www.ipportalegre.pt/media/filer_public/97/e3/97e3ee98-3248-42ef-910f-babbab6262b1/programa_-_encontro_de_investigadores_23_junho_2023.pdf

1st Sustainable Fuels Workshop | June 30th

<https://combustiveisbaixocarbono.pt/1o-workshop-de-combustiveis-sustentaveis-por-uma-transicao-com-futuro/>

Training session on European project proposals | September 12th and 13th

Scientific Article Writing Training Actions | October 10th, 11th, 17th and 18th

V International Congress on Sustainable Development (SD2023) | October 18th to 20th

<https://eventos.unex.es/101656/detail/v-international-congress-on-sustainable-development-sd2023-borderlands-sustainable-development-goal.html>

Training session – patent writing | October 23

<https://www.ipportalegre.pt/pt/2023/10/23/sessao-de-capacitacao-redacao-de-patentes/>

International Open Access Week | October 23rd to 27th

<https://valoriza.ipportalegre.pt/semana-internacional-do-acesso-aberto-2023/>

“WASTE2H2 Final Conference” | November 9th and 10th

https://www.ipportalegre.pt/media/filer_public/3c/b7/3cb77d4c-2195-4b35-9db4-4125da5fc51f/w2h2_2023_cartaz_a3.pdf

“Smart Regions” Seminar | November 10

<https://www.ipportalegre.pt/pt/2023/11/10/regioes-inteligentes-seminario-e-debate/>

"Global Science/Local Culture – The impact of climate change on regional development policies", event organized within the scope of the Guardians project | November 16

<https://www.ipportalegre.pt/pt/2023/11/16/ciencia-globalcultura-local-aborda-o-impacto-das-alteracoes-climaticas-nas-politicas-de-desenvolvimento-regional/>

Science and Technology Week | from November 20th to 26th

<https://valoriza.ipportalegre.pt/semana-da-ciencia-e-da-tecnologia-2023/>

International Seminar Route of Schools as Communities for Inclusion | December 7th

<https://valoriza.ipportalegre.pt/seminario-internacional/>

2022

II Business Internationalization Meeting - PPIN Project | February 24th to 26th

<https://www.ipportalegre.pt/pt/2022/02/24/ii-encontro-de-internacionalizacao-de-empresas-projeto-ppin/>

SOIH2 ALEX journey and hydrogen workshops | from March 31st to April 1st

<https://www.ipportalegre.pt/pt/2022/03/31/jornada-soih2-alex-e-workshops-sobre-hidrogenio/>

International Conference on Water, Energy, Food and Sustainability 2022 | May 10th to 12th

<https://icowefs.ipportalegre.pt/>

WIRE COST MC Meeting & 1st Working Groups Workshop | May 10th to 12th

<https://wire-cost-eu.ipportalegre.pt/activities/meetings-workshops/portalegre-10-12-may-2022/>

II Energy & Climate Summit | June 2nd and 3rd

<https://www.energyclimatesummit.com/>

Multimodus – 1st International Conference on Sound and Image Design | June 7th and 8th

<https://multimodus.ipportalegre.pt/>

III Energy & Climate Summit | October 19th and 20th

<https://www.energyclimatesummit.com/>

WIRE COST 2nd Working Group Workshop | October 6th to 7th

<https://wire-cost-eu.ipportalegre.pt/activities/meetings-workshops/workshops/>

International Open Access Week | October 24th to 28th

<https://www.ipportalegre.pt/pt/2022/10/24/semana-internacional-do-acesso-aberto/>

VALORIZA Research Meeting | November 9

<https://valoriza.ipportalegre.pt/event/encontro-de-investigacao-do-valoriza/>

Various initiatives within the scope of the Hydrogen Roadmap (Algarve, Beja, Sines, Évora, Lisbon, Portalegre, Santarém, Torres Vedras, Cantanhede, Tondela and Porto), throughout the year 2022

2021

Co-organization of the International Conference on Water Energy Food and Sustainability (ICoWEFS 2021), which took place in Leiria, from 10 to 12 May 2021

<https://icowefs.ipleiria.pt/>

Organization of a Cycle of Webinars “SUN, ENERGY AND ECOSYSTEMS”

World Energy Day | May 29

<https://www.ipportalegre.pt/pt/2021/05/29/dia-mundial-da-energia-ciclo-de-webinars-sol-energia-e-ecossistemas/>

World Environment Day | June 5th

<https://www.ipportalegre.pt/pt/2021/06/05/ciclo-de-webinars-sol-energia-e-ecossistemas-dia-mundial-do-ambiente/>

World Drought and Desertification Day | June 17th

<https://www.ipportalegre.pt/pt/2021/06/17/ciclo-de-webinars-sol-energia-e-ecossistemas-dia-mundial-da-seca-e-da-desertificacao/>

Organization of the Conference within the scope of the Portuguese Presidency of the Council of the European Union: Waste Biorefinery Towards Decarbonization, which was attended by His Excellency, The Minister of Science, technology and Higher Education, Professor Doctor Manuel Heitor. It happened in Portalegre, on May 24, 2021

<https://www.ipportalegre.pt/pt/2021/05/24/conferencia-no-ambito-da-presidencia-portuguesa-do-conselho-da-uniao-europeia/>

Organization of the International Congress on Literacies in the 21st Century (ICCL2021), which took place in Portalegre, on the 15th and 16th of July 2021

<http://xxicl.ipportalegre.pt>

Organization of the International Congress on Sustainable Development, Landscape Planning and Territorial Governance, which took place in Portalegre, on October 20th and 21st, 2021

<https://sd2021.ipportalegre.pt/>

2020

In 2020, two Summer Schools will take place at VALORIZA, within the scope of the “Summer with Science” program: one in the area of the Environment, called “Technologies for a waste biorefinery” and another in the area of Sustainable Development/Climate Change/Sustainability, called "Climate Smart Productive Planning".

[The year 2020 was marked by restrictions associated with the Covid-19 pandemic, which forced a reduction in the number of activities]

2019

[The year 2019 was marked by restrictions associated with the Covid-19 pandemic, which forced a reduction in the number of activities]

8. Presentations at conferences and seminars

2024

Ammayen, I., **Castanho, R.A., Loures, L.**, Carmo-Calado, L, **Brito, P.**, Errami, M., Khouya, K., and Hadfi, A. (2024). Treatment and Valorization of Organic Waste from the Agriculture and Fishing Industry for Sustainable Development. Abstract Book of the VI International Congress on Sustainable Development (SD2024): Banking, Energy Transition, and Green Economics (Ed. YTU), Book editors: Editors Waniek, M., Çakar, Y., Yerlikaya, B., Yilmaz, A., Castanho, R.A. ISBN: 978-605-73261-0-2 pp.9-10.

Borges, M.I., Dias, C., Romacho, J., Santos, C., Captura de Carbono. ICCL 2024, 29-30 Novembro 2024, Beja, Portugal.

Brito, P.; Nobre, Catarina; Rijo, Bruna. "H2 EXCELLENCE: FUEL CELLS AND GREEN HYDROGEN CENTERS OF VOCATIONAL EXCELLENCE TOWARDS AFFORDABLE, SECURE, AND SUSTAINABLE ENERGY FOR EUROPE". *32nd European Biomass Conference & Exhibition (EUBCE 2024)*, 2024

Casquilho, M., Pacheco, P., Lopes, C., Galhano, R., Paulo, I., **Miranda, J.L.**, Bordado, J., Fitting A System of ODEs To Data In Python: Select The ‘Function’ and Run On The Web / From ‘Curve fit’ To ‘Minimize, *Proceedings of CISTI'2024, 19.ª Conf. Ibérica de Sistemas y Tecnologías de Información (AISTI, Salamanca, Portugal, 20–23 June-2024)* 6 pages

Casquilho, M., Silva, P., Caridade, C., **Miranda, J.L.**, *A web computing tool for a SIR model: immunity loss and vaccination, Proceedings of 2024 IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2024)*, 6761-6765, EEE Catalog Number: CFP23BIB-ART, ISBN: 979-8-3503-3748-8. DOI: [10.1109/BIBM62325.2024.10822515](https://doi.org/10.1109/BIBM62325.2024.10822515)

Castanho, R., Ferreira, P., Loures, L., Gómez, J. Examining Pivotal Development Factors in European Frontier Regions. XXXI Congreso Internacional European Business Ethics Network. 3rd and 4th June, 2024. (<https://www.omniascience.com/books/index.php/proceedings/catalog/view/148/647/1227-1>)

Castanho, R.A., Loures, L., and Naranjo Gómez, J.M., (2024). Border cooperation and land-use planning: A comparison study of European cities in the period 2000-2018. Libro de Abstracts XXXI Congreso Internacional European Business Network - Business humanism in the digital age: An ethical perspective on artificial intelligence. 1a Edición, 2024, OmniaScience (Omnia Publisher SL), Terrassa, Barcelona. pp. 102 ISBN: 978-84-126475-9-4 DOI: <https://doi.org/10.3926/eben24>

Conceição, L.A., Silva, L., Pinto, T., Dias, S., Valero, C. (2024). Otimização da produtividade da cultura do milho-grão: uma avaliação da influência do espaçamento entre linhas e densidades de sementeira com rega localizada. LIVRO DE RESUMOS DO VII SIMPÓSIO “PRODUÇÃO E TRANSFORMAÇÃO DE ALIMENTOS EM AMBIENTE SUSTENTÁVEL. INIAV. ISBN: 978-972-579-080-9.p. 33.

Conceição, L.A., Silva, L., Pinto, T., Valero, C. 2024. Optimizing Maize Crop Productivity: A Variable Rate Approach from Over-density Trials with Different Inter-row Spacing and Sowing Densities. AgEng 2024 Proceedings. 183-189.

Cordeiro, A., Gama, A., Saragoça, A., Perez, M., Espelo, A.; Royano, L., Parralejo, A.I., Gonzalez, J., **Póvoa, O., Farinha, N., Mondragão-Rodrigues, F.** BGREENER – biodiversidade e cânhamo, novos enclaves na zona EUROACE. 7º Simpósio Produção e Transformação de Alimentos em Ambiente Sustentável. INIAV - Oeiras, 29 may 2024.

Cordeiro, A.I., Saragoça, A., Pérez, M., Espejo, A., Royano, L., Parralejo, A., Gonzalez, J., Gama, A., **Póvoa, O., Farinha, N., Mondragão-Rodrigues, F.**, Soeiro de Brito, A., Tereso, A. Estudo da

biodiversidade fomentada pela cultura de cânhamo industrial na região de Elvas. I Congresso Ibérico del Cânhamo. Badajoz. 6th and 7th November 2024

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Durán-Sosa, R., Montero, F., Vallejo-Esquivel, G., **Castanho, R.A.**, and Araya-Ramírez, I., (2024). Retos para reducción de CO2 en Heredia, Costa Rica. Abstracts book V International Congress on Sustainable Development (Ed. Universidad de Extremadura). ISBN: 978-84-9127-265-6 (Digital edition) pp.15.

Ferreira, P., Mourato, J., Rebola, F. Meridies Consortium. Eurashe, 33rd Annual Conference. 22nd and 23rd May.

Franco, M., Almeida, A. and **Castanho, R.A.** (2024). Tourism Development in Low-Density Areas in Madeira Island. Abstract Book of the VI International Congress on Sustainable Development (SD2024): Banking, Energy Transition, and Green Economics (Ed. YTU), Book editors: Editors Waniek, M., Çakar, Y., Yerlikaya, B., Yilmaz, A., Castanho, R.A. ISBN: 978-605-73261-0-2 pp.27.

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Hernandez Luis, A., and **Castanho, R.A.** (2024). Análisis de la accesibilidad aérea en el Archipiélago de las Azores: propuesta para su corrección. Abstract in the Book: IX Iberoamerican Air Transportation Research Society International Congress "The Resilience and Sustainability of Air Transportation." (IST-UL). pp. 312/69 ISBN: 978-989-35019-7-9 (PDF/PDF/A)

Lérias, E., **Miranda, J. L., Ferreira, P.**, Sistema de Apoio à Decisão para produção de artigos de uniforme da Guarda Nacional Republicana, *Book of Abstracts of IO 2024—XXIII Congress of APDIO* (Instituto Politécnico de Viseu, Portugal, 24-26 March 2024) 42.

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Marino, S., Cabezas, J., and **Castanho, R.A.** (2024). Internationalization in Latin American Business Schools: Scopus Literature and Media Posts Review (2018 - 2023). Abstract Book of the VI International

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Miranda, H., Miranda, J., **Ferreira, P.** Sistema de Apoio à Decisão para aquisição de ração para os cães da Guarda Nacional Republicana. XXIII Congresso ADPIO 2024, Viseu, 24-26 March.

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