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UNIVERSIDADE
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FROM LISBON
TO THE WORLD

ULISBOA ATLAS OF COLLABORATIVE LABORATORIES

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PREFACE

The ULisboa Atlas of Collaborative Laboratories (CoLABs) is a publication that showcases the remarkable progress and results achieved since the implementation of the initiative to create and promote CoLABs in Portugal.

Since 2017, the process of establishing these laboratories, under the “Programa Interface”, has been marked by the primary objective of generating qualified employment in Portugal, promoting the social and economic valorisation of knowledge. With a competitive and rigorous approach, these laboratories have been selected on the basis of research and innovation agendas aimed at creating economic and social value, as well as internationalising national scientific and technological capacity.

We currently have 18 CoLABs in which ULisboa participates, whose initiatives cover various areas of knowledge, both at regional and national level. These laboratories mobilise several hundred entities, including companies, demonstrating their potential to boost the country economic and scientific activity. The results achieved to date are impressive, directly contributing to the creation of highly qualified jobs, with a significant proportion occupied by doctoral graduates.

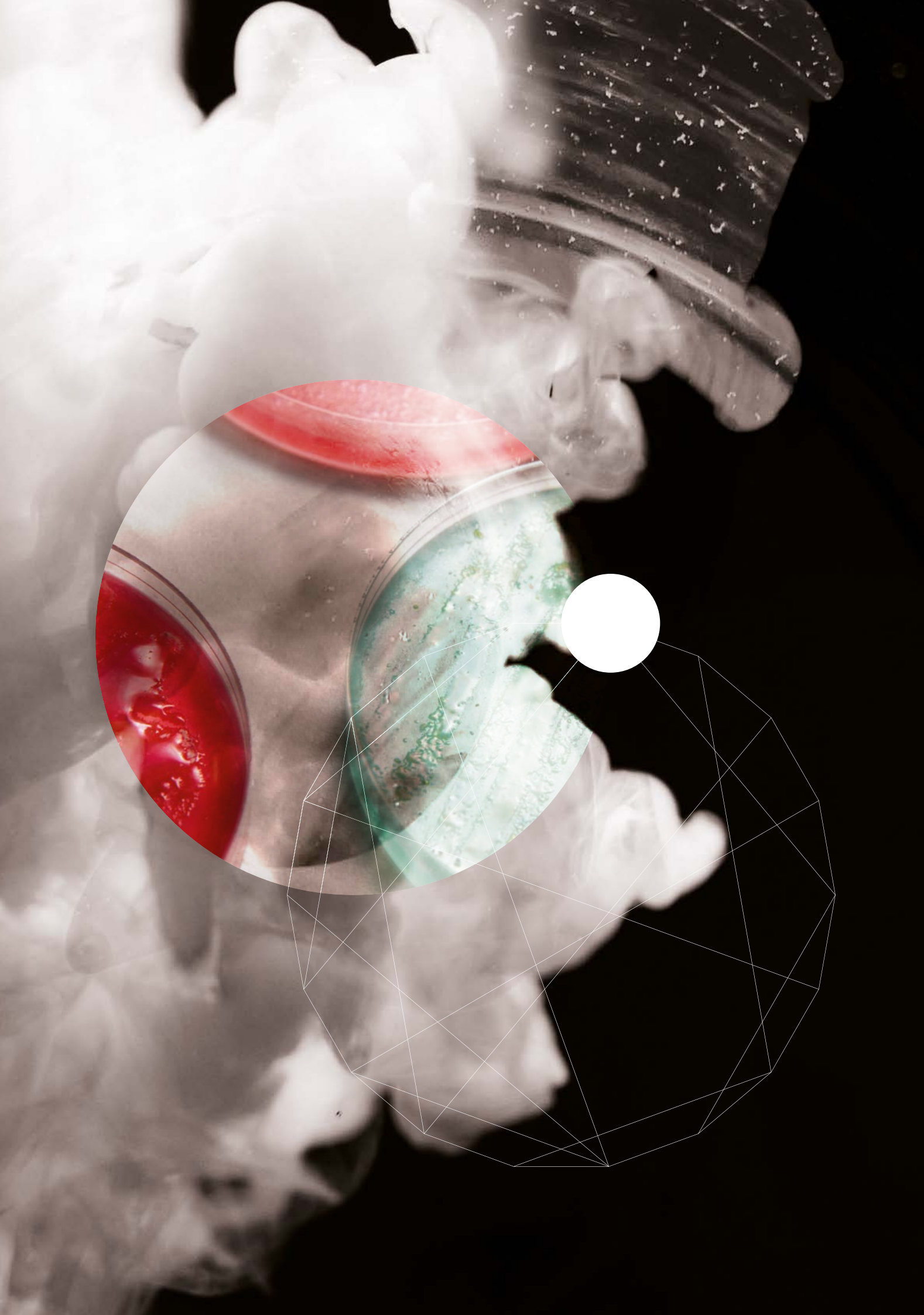
CoLABs have played a fundamental role in strengthening and complementing the current structure of Technology Interface Centres and other intermediary institutions in Portugal. By diversifying and complementing the existing structure, these laboratories promote the creation of social and economic value through qualified

employment, stimulating the active participation of the scientific and academic system in solving complex problems and promoting the implementation of effective solutions with a socio-economic impact.

This Atlas is more than just a compilation of data; it is a demonstration of the ongoing commitment of ULisboa and its partner organisations to promoting collaborative research and innovation, with the aim of boosting Portugal sustainable development. We hope that this publication will be a source of inspiration and guidance for all those interested in strengthening the national innovation ecosystem.

We are confident that CoLABs, including those in which ULisboa has a key role, will continue to play a vital function in advancing research and innovation in Portugal, driving the country economic and social progress.

Cecília Rodrigues
Vice-Rector
University of Lisbon



EXECUTIVE SUMMARY

The ULisboa Atlas of Collaborative Laboratories presents a brief summary of each of the 18 CoLABs and complements the already published ULisboa Atlas of Research Units (2022) and ULisboa Atlas of Associate Laboratories (2023), which summarise the information regarding 70 R&D Units and the 21 Associate Laboratories with the participation of the University of Lisbon (ULisboa).

The three publications are a contribution to understand the diversity and dynamics of ULisboa science and technology ecosystem and its architecture and reflect the commitment to research as a central part of the mission and strategy at ULisboa.

For the preparation of this Atlas, data was obtained from several sources: i) Foundation for Science and Technology (FCT) webpage; ii) National Innovation Agency (ANI) webpage; iii) ANI “2023 CoLAB Annual Report” (4th monitoring report).

The document gives a concise description of the 18 CoLABs in operation and is organized in 8 main thematic areas: 1) Agri-food; 2) Biodiversity and Forest; 3) Climate, Space and Ocean; 4) Digital and Communication Systems; 5) Energy and Sustainability; 6) Health; 7) Materials, Circular Economy and Urban Sustainability; and 8) Social Services and Tourism, regarding description, impacts (human resources hired, costumers, value of sales, licensing agreements, submitted patents, scientific publications and dissemination actions), areas of expertise, implementation locations, associates (associations and cooperatives, higher

education, interface centers and R&D institutions, large enterprises, public administration or SME) funding sources, R&D funded projects or public base funding committed and executed. ULisboa is represented in all thematic areas, except for Digital and Communication Systems

The CoLABs with the participation of ULisboa represent 51% of the CoLABs approved and funded in Portugal. ULisboa participates with 25 R&D Units as part of the 18 CoLABs.

Regarding the impacts, the CoLAB network created 639 highly qualified jobs, and those with the participation of the ULisboa were responsible for 48% of jobs (306), from which 34% are PhDs (103), 13% MSc (40), and 53% BSc (163). ULisboa CoLAB also had (2021-2022) a total of 350 costumers (54% of the total); a sales volume (2019-2022) of 4,3 M€ (54% of the total); 388 scientific publications (2021-2022) published (57% of the total); and 27 license agreements (96% of the total). In addition, they were responsible (2021 and 2022) for 1.314 dissemination actions (41% of the total).

The 35 CoLABs that are financed have mobilized 295 different partners, including 174 companies (53% of those SME), 37 higher education institutions, 37 R&D institutions, 32 associations and 15 public stakeholders.

The CoLABs with the participation of ULisboa are responsible for 20 R&D projects funded which represent 4,7 M€, about 19% of all the funding and about 24% of the total number of R&D funded projects. From 2022 to March 2026, CoLABs have

been compromised about 96,6 M€. The CoLABs with the participation of ULisboa have 48,2 M€ of Interface Mission base funding, about 50% of the total.

Until June 2023, the network of 35 CoLABs executed about 12 M€ of public funding from the committed 96,6 M€, representing 12% of the total. The CoLABs which have the participation of ULisboa executed about 5 M€, 42% of all the funding spent.

Overall, it is important to emphasize that ULisboa plays a central role in the Portuguese research and innovation system, where the CoLABs represent 51%, the human resources hired 48% and public base funding reaches 50% of the respective total.

CoLABs, Associate Laboratories and Research Units at ULisboa promote high quality research, open science practices and principles, innovation and knowledge transfer, thus contributing to internationalization and having impact in a knowledge-based society.



OVERALL CHARACTERIZATION

Following the definition given by FCT, the CoLAB is a private non-profit association or company, already created or to be created, whose main objective is the collaboration of its members in the pursuit of common research and innovation agendas in the short and medium term, oriented towards the creation of skilled jobs, qualified employment and economic and social value in the intermediate space of the innovation system.

CoLABs can be national, regional/local, or entrepreneurial, dedicated to the production, dissemination and transmission of knowledge based on a portfolio of products or systems with higher added value, that aim to facilitate the access of companies to global markets through exports, as well as to support the attraction of foreign investment in technology-intensive areas.

FCT is the entity responsible for the process of recognition and award of the title. This status is given for a period of five years, renewable, to non-profit associations or commercial companies, after an evaluation process. The title will subsequently allow the application for specific funding. The Call for the recognition and the attribution of the title of Collaborative Laboratory is now suspended.

CoLABs may be established as a company or private non-profit association, but they must include at least one company and one R&D unit evaluated and financed by the FCT or a State Laboratory.

In the context of the recognition process, it must be demonstrated that the CoLAB contributes to:

- Stimulate the creation of qualified jobs that generate economic and social value in Portugal, including those aimed at innovation, so as to contribute towards increasing the competitiveness of the productive and social fabric, and of companies in particular.
- Diversify, stimulate and coordinate activities based on scientific knowledge, promote technological change processes and the creation of short- and medium-term research and innovation agendas prompted by the identification of economic, social or cultural needs and challenges.
- Promote the creation of critical mass to stimulate new centralities for R&D activities throughout the national territory, including less densely populated areas.
- Build collectives that are facilitators of new knowledge co-creation, stimulating creativity and the production of such new knowledge, together with its dissemination throughout the territory, in partnership and networking with relevant stakeholders in those territories.

The National Innovation Agency (ANI) is the entity that monitors the implementation of each CoLAB research and innovation agenda, in accordance with the approved applications that supported the awarding of CoLAB titles. In addition to monitoring each CoLAB performance, this monitoring process promotes the creation of synergies and the integration of CoLABs into national and international networks, with the participation of a panel of independent experts, of renowned international merit, who monitor the activities of each CoLAB. Until 2023, four monitoring reports were presented, and the information contained in this Atlas is based on the last one.

ANI is also dedicated to monitoring the CoLAB public core funding processes, promoting in accordance with the monitoring process implemented in the meantime, qualification, equipment modernisation, integration in national and international networks and platforms, technical training of assets, and the direct and indirect creation of qualified jobs.

COLLABORATIVE LABORATORIES

The network of CoLABs was created in 2018 with the aim of providing innovative answers to societal problems, while creating highly qualified jobs. Since that moment, ANI was the responsible for managing the network of CoLABs, including by providing mentoring by an international panel of experts.

Since 2022, the ANI was also given the mandate to finance the CoLAB network within the Interface Mission foreseen in the Recovery and Resilience Plan (PRR) which aims to support organizations establishing connections between science and the economy, with a stable and multiannual funding stream, encouraging innovation in our country.

FCT currently acknowledges the legal constitution of additional CoLABs (total of 41), which are outside the scope of the Interface Mission. Nevertheless, there are currently 35 CoLABs in operation in different areas of knowledge at regional or national level. Of those 35 CoLABs, 18 have the participation of ULisboa, which represent 51% of all the CoLABs approved and funded in Portugal.

The network of CoLABs has been evolving to its specializations in 8 main thematic areas that are strategic for the sectors and the territories in which they operate in: 1) Agri-food; 2) Biodiversity and Forest; 3) Climate, Space and Ocean; 4) Digital and Communication Systems; 5) Energy and Sustainability; 6) Health; 7) Materials, Circular Economy and Urban Sustainability; and 8) Social Services and Tourism (figure 1). ULisboa is represented in all of those areas except for Digital and Communication Systems (figure 2).



Figure 1: Number of CoLABs by thematic areas

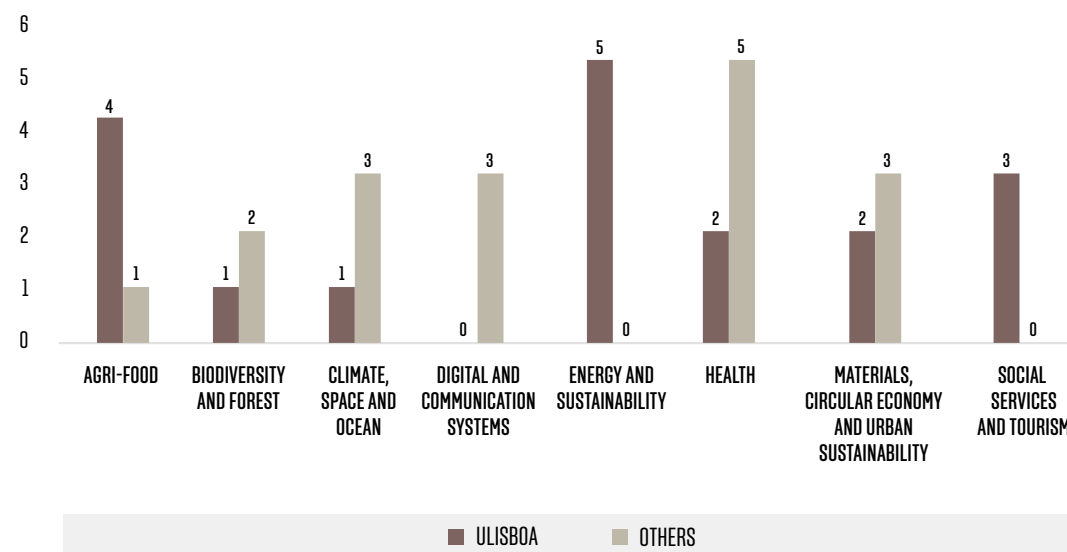


Figure 2: Number of CoLABs by thematic areas with the participation of ULisboa and others

In 1 of the 18 CoLABs, the Lead Unit belongs to ULisboa (IMM – Instituto de Medicina Molecular João Lobo Antunes), which has also 25 participating R&D Units (table 1).

In table 1, we can see the percentage of share held by the participant R&D units of ULisboa in each CoLAB.

Table 1: Lead and participant R&D Units of University of Lisbon

NAME	ACRONYM	INITIATIVE/ COORDINATOR (LEAD R&D UNITS)	ASSOCIATES (PARTICIPANT R&D UNITS & % SHARE)	TOTAL % SHARE LISBOA
AGRI-FOOD				
Associação COLAB4FOOD - Laboratório Colaborativo para a Inovação da Indústria Agroalimentar	CoLab4Food		ISA - Instituto Superior de Agronomia (4,6%)	4.60%
Associação para a Investigação e Inovação em Nutrição e Alimentação Animal	FeedInov		FMV - Faculdade de Medicina Veterinária (5%)	5.00%
SFCoLAB - Associação SFCOLAB Laboratório colaborativo para a Inovação digital na Agricultura	Smart Farm CoLAB		FC - Faculdade de Ciências (4,76%)	4.76%
ADVID - Associação para o Desenvolvimento da Viticultura Duriense	Vines&Wines		ISA - Instituto Superior de Agronomia	--
BIODIVERSITY AND FOREST				
FORESTWISE - Associação para o Laboratório Colaborativo para a Gestão Integrada da Floresta e do Fogo	ForestWISE		ISA - Instituto Superior de Agronomia (5,2%)	5.22%
CLIMATE, SPACE AND OCEAN				
Atlantic, Associação para um Laboratório Colaborativo do Atlântico	Atlantic		IST - Instituto Superior Técnico (7,69%)	7.69%
ENERGY AND SUSTAINABILITY				
Associação Bioref - Laboratório Colaborativo para as Biorrefinarias	BIOREF		FC - Faculdade de Ciências (5%); IST - Instituto Superior Técnico (5%)	10.00%
Associação Hylab - Green Hydrogen Collaborative Laboratory	HYLAB		IST - Instituto Superior Técnico (5%)	5.00%
Associação NET4CO2 - Network for a sustainable CO2 Economy	Net4Co2		IST - Instituto Superior Técnico (6%)	6.00%
Smart Energy Lab - Association	Smart Energy LAB		FC - Faculdade de Ciências (6%); IST - Instituto Superior Técnico (6%); INESC-ID - Instituto de Engenharia de Sistemas e Computadores, Investigação e Desenvolvimento em Lisboa (6%)	18.00%
Vasco da Gama COLAB - Energy Storage - Associação	VG CoLAB		IST - Instituto Superior Técnico (10%)	10.00%
HEALTH				
Associação AccelBio	AccelBio	IMM - Instituto de Medicina Molecular João Lobo Antunes	IST - Instituto Superior Técnico (12%); IMM - Instituto de Medicina Molecular João Lobo Antunes (17,5%)	29.50%
VECTOR B2B - Drug Developing - Associação para a Investigação em Biotecnologia	VectorB2B		FM - Faculdade de Medicina (5%); FMV - Faculdade de Medicina Veterinária (5%); FF - Faculdade de Farmácia (5%)	15.00%
MATERIALS, CIRCULAR ECONOMY AND URBAN SUSTAINABILITY				
Associação Built Colab - Collaborative Laboratory for the future built environment	BUILT CoLAB		IST - Instituto Superior Técnico (5%)	5.00%
C5Lab - Sustainable Construction Materials Association	C5LAB		IST - Instituto Superior Técnico (20%)	2.00%
SOCIAL SERVICES AND TOURISM				
LCTEPS - Associação Laboratório Colaborativo para o Trabalho, Emprego e Proteção Social	CoLABOR		IDEFF - Instituto de Direito Económico, Financeiro e Fiscal (11,1%)	11.11%
Associação KIPT Inovação e Turismo, Laboratório Colaborativo	KIPT		ADVANCE - Centro de Investigação Avançada em Gestão (5%)	5.00%
PROCHILD Colab Against Poverty and Social Exclusion	Prochild		FP - Faculdade de Psicologia (6,25%); ISEG - Instituto Superior de Economia e Gestão (6,25%)	12.50%

IMPACTS

One of the main challenges of CoLABs is the ability to transform their R&D activities into products and services that add value to the market.

The network of CoLABs have already contributed to the direct creation of 639 highly qualified jobs (32% of which are PhDs, 56% MSc, and 12% BSc), corresponding to 107% of the defined target. As of December 2021, the thematic area of Materials, Circular Economy and Urban Sustainability CoLABs hired the most Human Resources with 162 persons (25% of the total). The 18 CoLABs which have the participation of ULisboa were responsible for 48% of those jobs (306): 34% PhDs (103), 13% MSc (40), and 53% BSc (163) (figure 3).

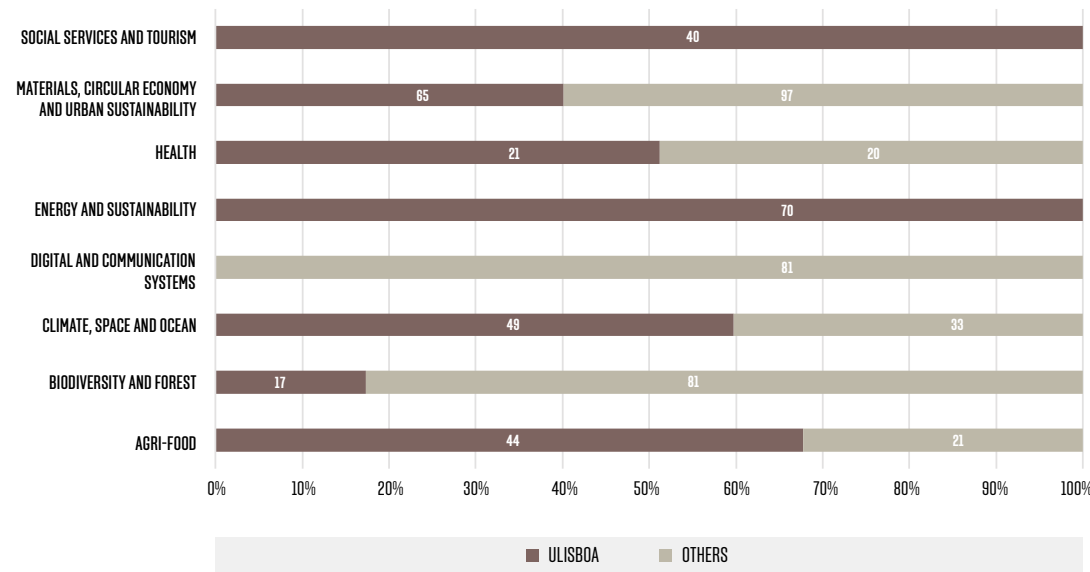


Figure 3: Number of qualified jobs created (December 2021) by CoLABs with the participation of ULisboa and others

Regarding the total number costumers in the period 2021-2022, CoLABs registered 647 costumers. In one year, the total costumers increased by 80%. We highlight the thematic area of Agri-Food CoLABs, which had the highest number of costumers (160) with 25% of the total. The CoLABs which have the participation of ULisboa had in that period 350 costumers (54%) (figure 4).

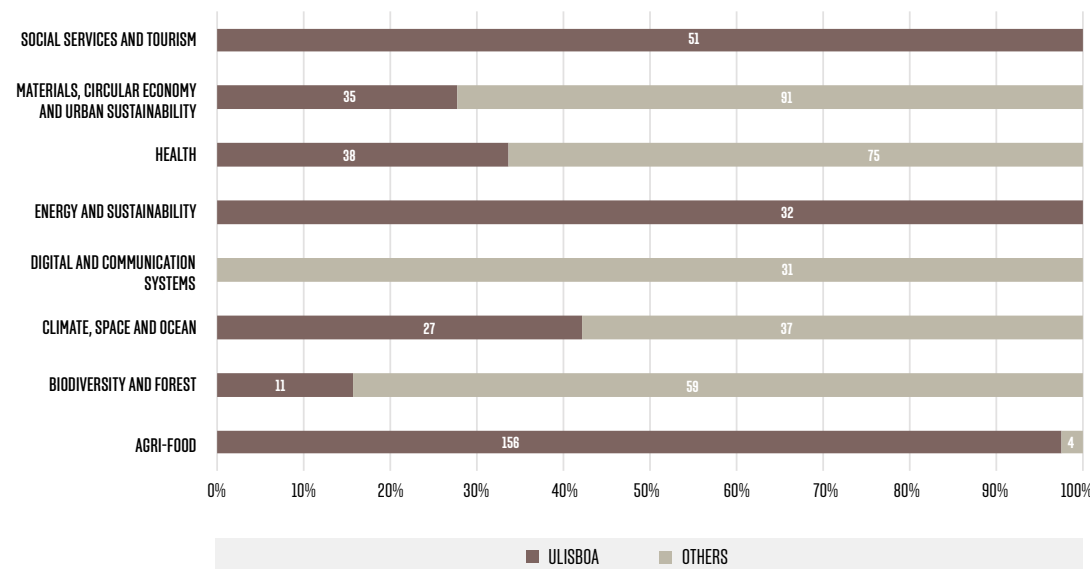


Figure 4: Number of costumers (2021-2022) registered by CoLABs with the participation of ULisboa and others

With regard to sales volume in the period 2019-2022, the network of CoLABs had about 8 M€. The higher sales volume was achieved by the thematic area of Materials, Circular Economy and Urban Sustainability, with about 1,7 M€ in the 4 years period. On the other hand, CoLABs which have the participation of ULisboa had 4,3 M€ in sales, which means 54% of the total (figure 5).

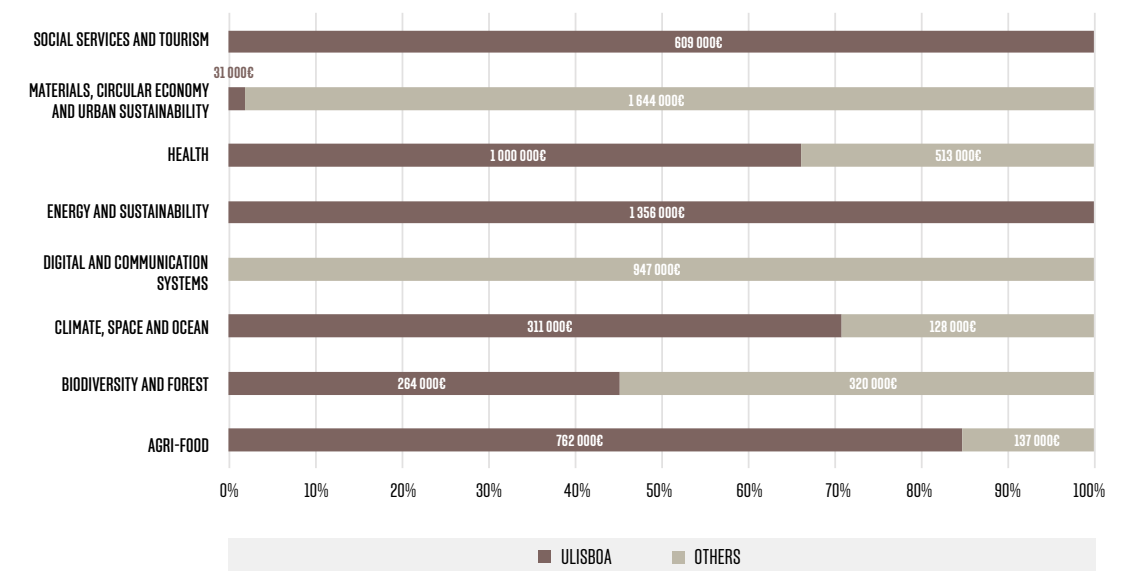


Figure 5: Value (€) of sales (2019-2022) registered by CoLABs with the participation of ULisboa and others

Concerning the scientific papers published in 2021 and 2022, there was a total of 680. In one year, there was an increase of 17%. The thematic area of Agri-Food was responsible for 118 of those publications, and Biodiversity and Forest for 112. Together they have 34% of the total publications. The 18 CoLABs which have the participation of ULisboa had 388 scientific publications (57%) (figure 6).

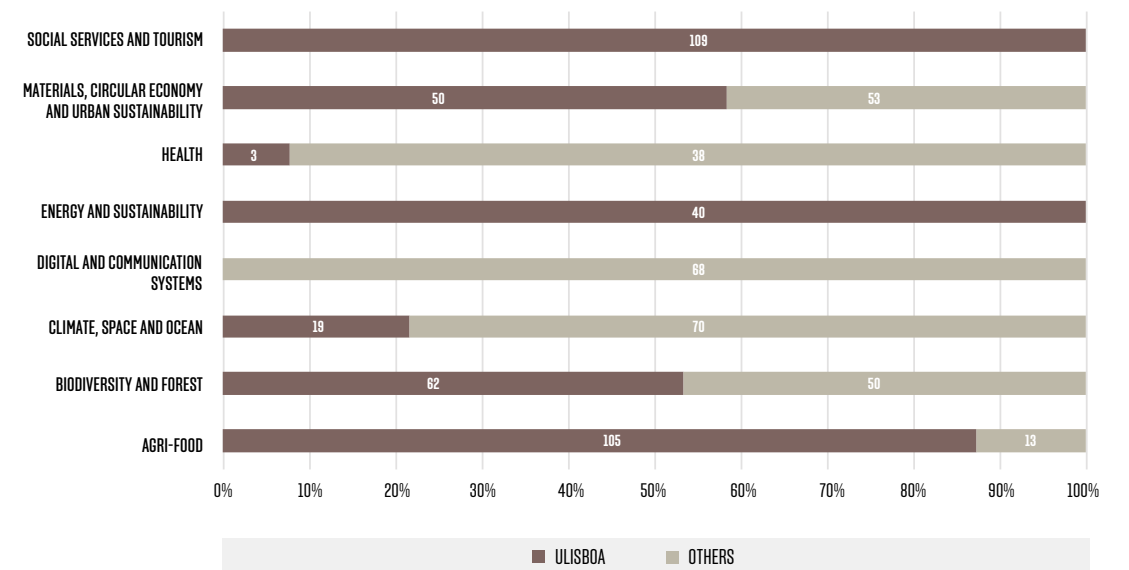


Figure 6: Number of scientific publications published (2021-2022) by CoLABs with the participation of ULisboa and others.

Of note are the 3.240 dissemination actions carried out between 2021 and 2022. From 2021 to 2022, these actions increased by 49%. The area of Climate, Space & Ocean was responsible for the organization of 1.204 of those actions, corresponding to 37% of the total. In turn, CoLABs that have the association with ULisboa were responsible for 1.314 dissemination actions (41%) (figure 7).

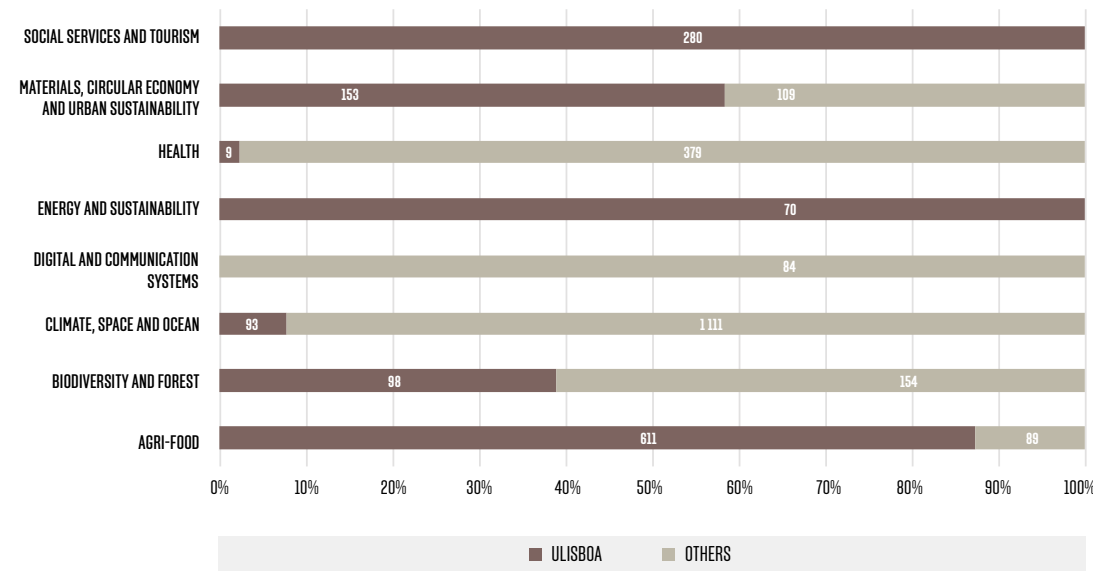


Figure 7: Number of dissemination actions carried out (2021-2022) by CoLABs with the participation of ULisboa and others

Finally, with regard to impact, we should mention the 28 license agreements celebrated (27 from ULisboa CoLABs, which means 96% of the total) and the 21 patents submitted.

ASSOCIATES

The 35 CoLABs that are funded have mobilized 295 different partners, including 174 companies (53% of those SME), 37 higher education institutions, 37 R&D institutions, 32 associations and 15 public stakeholders (figure 8).



Figure 8: Number of Associates of the CoLABs by typology

R&D FUNDED PROJECTS

With regard to projects, it is important to mention the 84 R&D funded projects that represent about 26 M€ of public funding. The support programmes are Horizon 2020 (15 projects and 3,5 M€) and PT 2020 (69 projects and 22,6 M€).

The CoLABs with the participation of ULisboa are responsible for 20 of those projects, which represent 4,7 M€, about 19% of all the public funding and about 24% of the total number of R&D funded projects (table 2).

Table 2: R&D Funded Projects of CoLABs with the participation of ULisboa

CoLABs	PROJECT TITLE	SUPPORT PROGRAMME	PUBLIC FUNDING (€)	TOTAL
ATLANTIC	Atlantic Sustainability Through Remote and Integrated In-situ Solutions	PT2020 - TR&D - Mobilizing Programmes	203 000 €	427 000 €
	New Approach to Underwater Technologies for Innovative, Low-cost Ocean obServation	Horizon 2020	85 000 €	
	AEROS Constellation	PT2020 - TR&D - International Partnerships	74 000 €	
	Setting the cornerstone of a future ocean and climate change monitoring constellation, based on radar altimeter data combined with gravity and ocean temperature and salinity measurements	PT2020 - TR&D - International Partnerships	44 000 €	
	Veículo Inovador Reutilizável para Investigação e Alavancagem de Tecnologia Orbital	PT2020 - TR&D - Mobilizing Programmes	21 000 €	
BIOREF	Water4Gas - Tecnologias integradas de separação e reação para produção de biometano e e-metano	PT2020 - TR&D - Collaborative R&D	223 000 €	425 000 €
	Combustíveis de Base Biológica	PT2020 - TR&D - Mobilizing Programmes	202 000 €	
BUILT COLAB	Future of Construction (FoC) - Estratégia de Qualificação Setorial 2030	PT2020 - SIAC - Qualification	439 000 €	1 342 000 €
	Digital Construction Revolution	PT2020 - TR&D - Mobilizing Programmes	903 000 €	
FORESTWISE	Implantação de estratégias colaborativas para a gestão integrada da floresta e do fogo	PT2020 - TR&D - Mobilizing Programmes	206 000 €	1 093 000 €
	Innovative technologies and socio-ecological-economic solutions for fire resilient territories in Europe.	Horizon 2020	887 000 €	
NET4CO2	Cat4GtL - Continuous Catalytic reactor for the Gas-to-Liquid process using NETmix technology	PT2020 - TR&D - Collaborative R&D	472 000 €	472 000 €
SMART ENERGY LAB	Self Assessment Towards Optimization of Building Energy	Horizon 2020	89 000 €	405 000 €
	SSop: Smart Storage open platform	PT2020 - TR&D - Collaborative R&D	185 000 €	
	Smartness to existing Buildings	Horizon 2020	81 000 €	
	greEN Energy hUbs for local integRated energy cOmmunities optimizatioN	Horizon 2020	50 000 €	
SMART FARM CoLAB	Soluções inteligentes para uma agricultura sustentável, preditiva e autónoma	PT2020 - TR&D - Mobilizing Programmes	354 000 €	354 000 €
VINES&WINES	PreVineGrape: Desenvolvimento de um biofungicida para combate a doenças da videira.	PT2020 - TR&D - Collaborative R&D	69 000 €	231 000 €
	Cluster da Vinha e do Vinho 2021/2022	PT2020 - SIAC - Clusters	107 000 €	
	Taste&Feel Portugal	PT2020 - SIAC - Internationalisation	55 000 €	
TOTAL			4 749 000 €	

FUNDING (COMMITTED AND EXECUTED)

For a period of 3 years, the Interface Mission has committed 96,6 M€ for CoLABs to expand and consolidate the network of interface institutions between the academic, scientific and technological system and the Portuguese business fabric. The funds were made available through the RPP. In *figure 9* it is possible to see the evolution of committed public base funding from 2022 to March 2026.

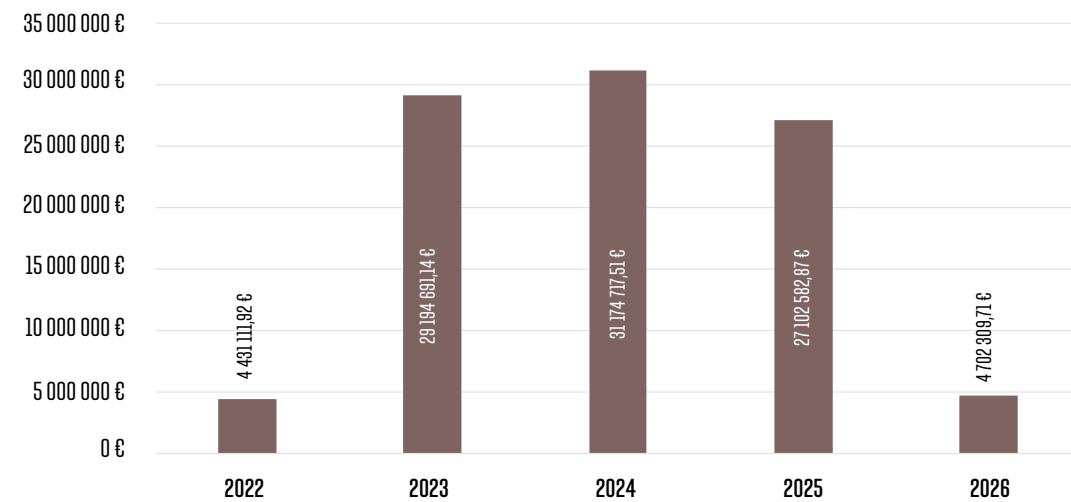


Figure 9: Committed base funding of CoLABs by year (2022-2026)

CoLABs which have the participation of ULisboa have 48,2 M€ of Interface Mission base funding, about 50% of the total (*figure 10*).

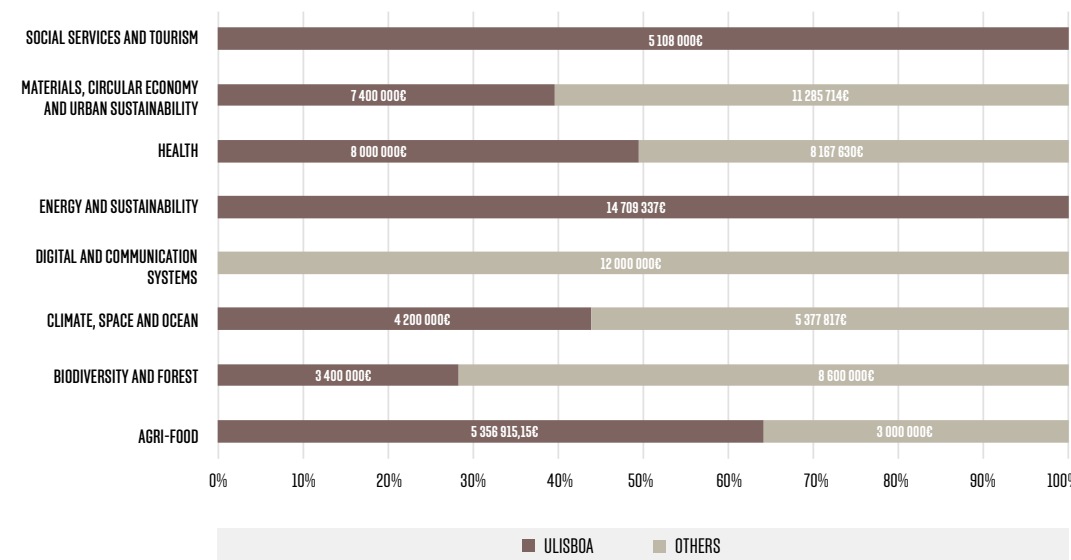


Figure 10: Committed base funding of the CoLABs (2022-2026), by thematic areas, with the participation of ULisboa and others

Until June 2023, the network of 35 CoLABs executed about 12 M€ of public funding from the committed 96,6 M€, representing 12% of the total.

On the other hand, the CoLABs which have the participation of ULisboa executed 5 M€, 42% of all the funding spent (*figure 11*).

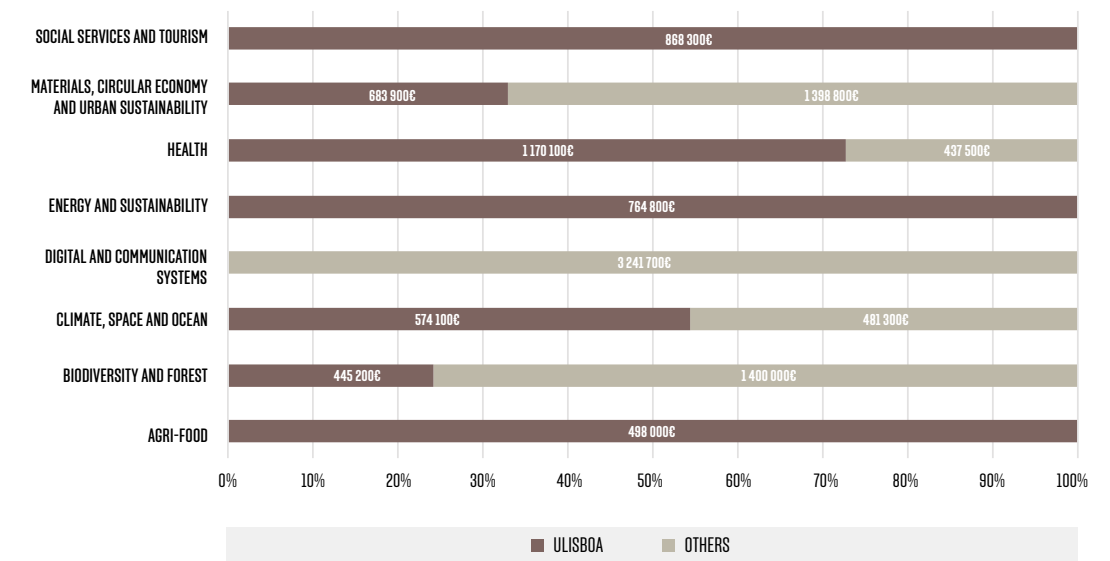


Figure 11: Executed base funding of CoLABs (June 2023), by thematic areas, with the participation of ULisboa and others

To ensure their viability, CoLABs must do their utmost to continue working towards the sustainable “three thirds” financing model, which means that the budgets must be balanced between public base funding, competitive funding programmes and coLAB own revenues from services or contract research for industrial clients.

Despite this, there is still a great dependence of the public base funding with 68% of all the funds. In *figure 12*, we can see the distribution of the CoLAB funding sources as of 2021.

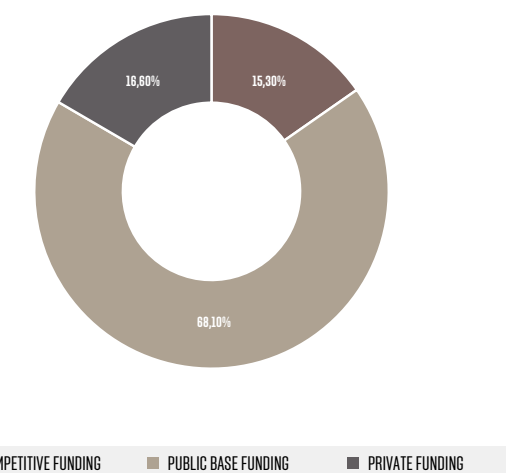


Figure 12: Distribution of CoLAB funding sources (2021)

Overall, ULisboa plays a central role in the Portuguese research and innovation system, where CoLABs represent 51%, the human resources hired 48%, and public base funding 50% of the respective total in Portugal (*table 3*).

Table 3: Number and share of CoLABs, human resources hired and public base funding by thematic area, in Portugal and at ULisboa

THEMATIC AREA	NUMBER OF CoLABs			HR HIRED			PUBLIC BASE FUNDING (M€)		
	Portugal	ULisboa	% ULisboa	Portugal	ULisboa	% ULisboa	Portugal	ULisboa	% ULisboa
AGRI-FOOD	5	4	80	65	44	68	8.36	5.36	64
BIODIVERSITY AND FOREST	3	1	33	98	17	17	12.00	3.40	28
CLIMATE, SPACE AND OCEAN	4	1	25	82	49	60	9.58	4.20	44
DIGITAL AND COMMUNICATION SYSTEMS	3	0	0	81	0	0	12,00	0	0
ENERGY AND SUSTAINABILITY	5	5	100	70	70	100	14.71	14.71	100
HEALTH	7	2	29	41	21	51	16.17	8.00	49
MATERIALS, CIRCULAR ECONOMY AND URBAN SUSTAINABILITY	5	2	40	162	65	40	18.69	7.40	40
SOCIAL SERVICES AND TOURISM	3	3	100	40	40	100	5.11	5.11	100
TOTAL	35	18	51	639	306	48	96.61	48.17	50

AGRI-FOOD



COLAB4FOOD

ASSOCIAÇÃO COLAB4FOOD - LABORATÓRIO COLABORATIVO PARA A INOVAÇÃO DA INDÚSTRIA AGROALIMENTAR

colab4food.com

AREAS OF EXPERTISE

By products upcycling;
Circular business models;
Consumer Insights; End
Product added value; Food
authenticity, traceability and
fraud; Food nutrition and
well-being; Formulation,
Processing & Technologies;
Product design & data science;
Raw materials

DESCRIPTION

Colab4Food is a R&D non-profit association of the Portuguese Agri-Food sector that aims to redefine the way we innovate collaboratively for a sustainable growth of our associates and higher resilience and competitiveness of the food sector. Colab4Food develops more sustainable food processes, nutritive foods and tailored solutions that will improve the consumers delight, health and well-being. We bridge the gap between academy and industry throughout the combination of knowledge and creativity, to develop innovative market-oriented solutions on the areas: safe and high-quality foods, sustainable food processes, food value chain circularity and healthy nutritive foods.

IMPLEMENTATION
LOCATIONS

Vila do Conde

INITIATIVE/COORDINATOR

Associação Integralar - Intervenção de
Excelência no Setor Agroalimentar

ASSOCIATES UNIVERSITY OF
LISBON AND PERCENTAGE OF
SHARE

ISA - Instituto Superior de Agronomia,
ULisboa (Total ULisboa: 4,60%)

OTHER ASSOCIATES AND
PERCENTAGE OF SHARE

Associations and cooperatives (7,71%): PortugalFoods - Associação
Integralar Intervenção de Excelência no
Sector Agroalimentar

Higher Education (36,84%): Instituto
Politécnico de Viana do Castelo; ISA
- Instituto Superior de Agronomia;
Universidade Católica Portuguesa;
U.Aveiro; U.Coimbra; U.Minho;
U.Porto; UTAD - Universidade de Trás-os-
Montes e Alto Douro

**Interface Center and R&D
Institution (9,21%):** INIAV - Instituto
Nacional de Investigação Agrária e
Veterinária I.P.; Requimte - Rede de
Química e Tecnologia

Large Enterprise (38,54%): Frulact
- Indústria Agroalimentar, S.A.; Grupo
Primor, S.A.; Mendes Gonçalves,
S.A.; Sumol+Compal Marcas, S.A.;
Superbock Bebidas, S.A.

SME (7,71%): Sense Test - Sociedade
de estudos de análise sensorial a
produtos alimentares, Lda

Total others: 95,4%

FUNDING SOURCES

9,96%

Competitive funding

74,26%

Public Base Funding

15,78%

Private funding

INTERFACE
MISSION BASE
FUNDING COMMITTED
(2022 TO 2026)

GLOBAL	2,0 M€
2022	0,00€
2023	568 384,70€
2024	609 269,08€
2025	668 929,36€
2026	153 416,86€

R&D FUNDED
PROJECTS

0

Number

0€

Funding

BASE FUNDING
IMPLEMENTATION
(JUNE 2023)

132 700€

Executed Base Funding

7

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
17	7	41,18	0	0	10	58,82

TOTAL COSTUMERS	73
TOTAL SALES	214 000€
LICENSING AGREEMENTS CELEBRATED	0
PATENTS SUBMITTED	0
SCIENTIFIC PUBLICATIONS	29
DISSEMINATION ACTIONS	43

FEEDINOV

ASSOCIAÇÃO PARA A INVESTIGAÇÃO E INOVAÇÃO EM NUTRIÇÃO E ALIMENTAÇÃO ANIMAL

feedinov.com

AREAS OF EXPERTISE

Animal feeding; Animal
production; One health;
Precision livestock farming

IMPLEMENTATION
LOCATIONS

Vale de Santarém

DESCRIPTION

FeedInov is the collaborative laboratory interface between industry, R&D entities and the consumer in the animal feed sector.
The mission of FeedInov is to develop strategies to solve livestock and feed industry sectors problems, in a multidisciplinary and integrated way, transferring knowledge and technology to and from companies and to the market, promoting innovative approaches, technology dissemination and creating business opportunities.

INITIATIVE/COORDINATOR

INIAV - Instituto Nacional de
Investigação Agrária e Veterinária, I.P.

ASSOCIATES UNIVERSITY OF
LISBON AND PERCENTAGE OF
SHARE

FMV - Faculdade de Medicina
Veterinária, ULisboa
(Total ULisboa: 5%)

OTHER ASSOCIATES AND
PERCENTAGE OF SHARE

Associations and cooperatives (10%):
Associação Portuguesa dos industriais
de alimentos compostos para animais

Higher Education (15%): FMV -
Faculdade de Medicina Veterinária;
Instituto de Ciências Biomédicas Abel
Salazar da Universidade do Porto;
UTAD - Universidade de Trás-os-
Montes e Alto Douro

**Interface Center and R&D
Institution (15%):** INESC TEC -
Instituto de Engenharia de Sistemas
e Computadores, Tecnologia e
Ciência; INIAV - Instituto Nacional
de Investigação Agrária e Veterinária
I.P.; Requimte - Rede de Química e
Tecnologia

Large Enterprise (25%):
Allmicroalgae - Natural Products,
S.A; Finçor Agroalimentar, S.A.;
Racento, Fábrica de Rações do Centro
S.A.; Raporal, S.A.; Sorgal - Sociedade
de Óleos e Rações, S.A.

Public Administration (0%)
SME (35%): Avenal Petfood, S.A.;
Eurocereal - Comercialização de
Produtos Agro-Pecuários, S.A.;
Ingredient Odissey, S. A.; Rico Gado
Nutrição, S.A.; Tecnipec - Serviços
Pecuários, S.A.; TNA - Tecnologia
e Nutrição Animal, S.A.; ZOOPAN
Produtos Pecuários, S.A.

Total others: 95%

FUNDING SOURCES

5,95%

Competitive funding

58,23%

Public Base Funding

35,82%

Private funding

INTERFACE
MISSION BASE
FUNDING COMMITTED
(2022 TO 2026)

GLOBAL	1,1 M€
2022	0,00€
2023	260 387,08€
2024	399 492,81€
2025	357 638,07€
2026	82 482,04€

R&D FUNDED
PROJECTS

0

Number

0€

Funding

BASE FUNDING
IMPLEMENTATION
(JUNE 2023)

0€

Executed Base Funding

0

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
4	4	100	0	0	0	0

TOTAL COSTUMERS	8
TOTAL SALES	86 000€
LICENSING AGREEMENTS CELEBRATED	0
PATENTS SUBMITTED	0
SCIENTIFIC PUBLICATIONS	8
DISSEMINATION ACTIONS	25

SMART FARM COLAB

ASSOCIAÇÃO SFCOLAB - LABORATÓRIO COLABORATIVO PARA A INOVAÇÃO DIGITAL NA AGRICULTURA

sfcolab.org

AREAS OF EXPERTISE

Smart data (AI, ML); Smart Production (IoT)

IMPLEMENTATION LOCATIONS

Torres Vedras

DESCRIPTION

SFCOLAB is a non-profit Collaborative Laboratory based in Torres Vedras aiming to boost the Digital Innovation in Agriculture. Within the global Agro challenge of producing more with less by decreasing and optimizing the resources and decreasing the carbon footprint, the SFCOLAB strategy focus on the generation of integrative cutting-edge of high-tech solutions for the efficient management of resources such as soil, water or phytosanitary products and to maximize the added value of the horticulture, viticulture and fruticulture products. The SFCOLAB set the grounds to be the first reference of Digital Agriculture in Portugal and to further extend this knowledge internationally and to assist the agro sector in the transition into Digital Agriculture, allowing competitiveness in the new and challenged agricultural environment.

INITIATIVE/COORDINATOR

Município de Torres Vedras

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

FC - Faculdade de Ciências, ULisboa (Total ULisboa: 4,76%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (9,52%): Adegas Cooperativas de São Mamede da Ventosa Crl; Associação para a Valorização Agrária

Higher Education (19,05%): FCTUNL - Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa; FC - Faculdade de Ciências, ULisboa; Instituto Politécnico de Leiria; ISCTE – Instituto Universitário de Lisboa

Interface Center and R&D Institution (14,29%): COTHN - Centro Operativo e Tecnológico Hortofrutícola Português; INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência; INIAV - Instituto Nacional de Investigação Agrária e Veterinária I.P.

Large Enterprise (4,76%): SGS Portugal – Sociedade Geral de Superintendência SA

Public Administration (19,05%): Câmara Municipal de Torres Vedras

SME (33,33%): Impactwave Lda; Luis Vicente SA; Optimizeplanet Lda; Quinta do Pinto – Sociedade Comercial e Agrícola SA; Stagric Lda; Tomix - Indústria de Equipamentos Agrícolas e Industriais, Limitada; Transportes Paulo Duarte Lda

Total others: 95,24%

FUNDING SOURCES

11,32%

Competitive funding

65,06%

Public Base Funding

23,62%

Private funding

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	1,1 M€
2022	0,00€
2023	278 495€
2024	365 960€
2025	360 710€
2026	94 835€

R&D FUNDED PROJECTS

1

Number

354 000€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

92 200€

Executed Base Funding

8

Executed (%)

IMPACTS

RECURSOS HUMANOS							
HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)	
8	5	62,50	3	37,50	0	0	
TOTAL COSTUMERS	39						
TOTAL SALES	64 000€						
LICENSING AGREEMENTS CELEBRATED	0						
PATENTS SUBMITTED	0						
SCIENTIFIC PUBLICATIONS	15						
DISSEMINATION ACTIONS	52						

VINES&WINES

ADVID - ASSOCIAÇÃO PARA O DESENVOLVIMENTO DA VITICULTURA DURIENSE

colabvinesandwines.pt

AREAS OF EXPERTISE

Biodiversity; Circular economy; Mechanization/ Digitalization; Vitiviniculture

IMPLEMENTATION LOCATIONS

Vila Real

DESCRIPTION

CoLAB VINES&WINES aim is to create and communicate knowledge and technology, as well as to prepare, adapt and make the national wine system more efficient, resilient, and flexible to the major challenges it faces, including climatic, demographic, and economic ones. It also aims to be the driving force for innovation in products, processes, and services for companies in the Portuguese wine sector, to leverage their development and projection and in this way promote their competitiveness and sustainability. The mission is to: Generate and communicate knowledge and technology that enhances the expressed ambition of the sector to increase the export value; -Support the ambition expressed by the sector to increase the export value of Portuguese wines; Ensure that the Portuguese wine system becomes more efficient, resilient, and flexible in order to respond to climate, demographic and economic challenges.

INITIATIVE/COORDINATOR

ADVID - Associação para o Desenvolvimento da Viticultura Duriense

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

ISA - Instituto Superior de Agronomia ULisboa

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives: Associação para o Desenvolvimento da Viticultura Duriense

Higher Education: ISA - Instituto Superior de Agronomia; Universidade Católica Portuguesa; Universidade do Minho; UTAD - Universidade de Trás-os-Montes e Alto Douro

Interface Center and R&D Institution: INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência; INIAV - Instituto Nacional de Investigação Agrária e Veterinária I.P.

Large Enterprise (0%)

Public Administration (0%)

SME (0%)

FUNDING SOURCES

66,59%

Competitive funding

7,17%

Public Base Funding

26,23%

Private funding

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	1,2 M€
2022	163 373,55€
2023	388 263,55€
2024	338 628,94€
2025	266 649,11€
2026	0,00€

R&D FUNDED PROJECTS

3

Number

231 000€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

273 100€

Executed Base Funding

24

Executed (%)

IMPACTS

RECURSOS HUMANOS							
HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)	
15	4	26,67	9	60	2	13,33	
TOTAL COSTUMERS	36						
TOTAL SALES	398 000€						
LICENSING AGREEMENTS CELEBRATED	0						
PATENTS SUBMITTED	0						
SCIENTIFIC PUBLICATIONS	53						
DISSEMINATION ACTIONS	491						

FORESTWISE

ASSOCIAÇÃO PARA O LABORATÓRIO COLABORATIVO PARA A GESTÃO INTEGRADA DA FLORESTA E DO FOGO

colab4food.com

AREAS OF EXPERTISE

Circular economy & value chains; Forest and fire management; People and policies; Risk management.

IMPLEMENTATION LOCATIONS

Vila Real
Porto

DESCRIPTION

ForestWISE is the Collaborative Laboratory for Integrated Forest and Fire Management and its mission is to promote integrated forest and fire management based on (co)research, innovation and knowledge and technology transfer activities. In addition to sustainable forest management, ForestWISE's objectives are to contribute to the enhancement of forest products and services, to reduce the negative consequences of large rural fires, to increase the competitiveness of the Portuguese forestry sector, to stimulate the sustainable development of low-density territories and the promotion of scientific employment in these areas.

INITIATIVE/COORDINATOR

INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

ISA - Instituto Superior de Agronomia, ULisboa (Total ULisboa: 5,22%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (0%)

Higher Education (26,08%): ISA - Instituto Superior de Agronomia, ULisboa; Universidade de Aveiro; Universidade de Coimbra; Universidade de Évora; UTAD - Universidade de Trás-os-Montes e Alto Douro

Interface Center and R&D Institution (10,43%): INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência; INIAV - Instituto Nacional de Investigação Agrária e Veterinária I.P.

Large Enterprise (58,27%): Altri Florestal, S.A.; Amorim Florestal, S.A.; DS Smith Viana Paper; E-REDES - Distribuição de Eletricidade, S.A.; REN - Rede Energéticas Nacionais, S.A.; Sonae Arauco Portugal, S.A.; THE NAVIGATOR COMPANY, S.A.

Public Administration (5,22%): AGIF - Agência para a Gestão Integrada de Fogos Rurais, I.P.

SME (0%)

Total others: 94,78%

FUNDING SOURCES

23,34%

Competitive funding

65,01%

Public Base Funding

11,64%

Private funding

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	3,4 M€
2022	163 373,55€
2023	388 263,55€
2024	338 628,94€
2025	266 649,11€
2026	0,00€

R&D FUNDED PROJECTS

2

Number

1 093 000€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

445 200€

Executed Base Funding

13

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
17	9	52,94	7	41,18	1	5,88

TOTAL CUSTOMERS	11
TOTAL SALES	264 000€
LICENSING AGREEMENTS CELEBRATED	0
PATENTS SUBMITTED	0
SCIENTIFIC PUBLICATIONS	62
DISSEMINATION ACTIONS	98

BIODIVERSITY AND FOREST

+ATLANTIC**ASSOCIAÇÃO PARA UM
LABORATÓRIO COLABORATIVO
DO ATLÂNTICO**

colobatlantic.com

AREAS OF EXPERTISE

Data analytics; Marine Biology; Numerical Modelling; Sensing and Data Collection.

IMPLEMENTATION LOCATIONS

Cascais
Peniche
Matosinhos
Ponte de Sor

DESCRIPTION

+Atlantic aims at advancing knowledge on the interactions between the Ocean, Atmosphere, Climate and Energy in the Atlantic, through an integrated and holistic approach from deep sea to space. By developing a better understanding of the Atlantic system, we pave the way for the sustainable use of its resources and create a framework to unleash its potential for society, promoting blue growth and highly qualified employment.

INITIATIVE/COORDINATOR

WavEC - Centro de Energia Offshore

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

IST - Instituto Superior Técnico, ULisboa (Total ULisboa: 7,69%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (7,69%): Associação RAEGE Açores - Rede Atlântica de Estações Geodinâmicas e Espaciais

Higher Education (23,08%): Instituto Politécnico de Leiria; Universidade do Porto; IST - Instituto Superior Técnico, ULisboa

Interface Center and R&D Institution (23,08%): CEHA - Centro para a Excelência e Inovação na Indústria Automóvel; ISQ - Instituto de Soldadura e Qualidade; WavEC / Offshore Renewables - Centro de Energia Offshore

Large Enterprise (23,08%): Deimos Engenharia, S.A. Edisoft - Empresa de Serviços e Desenvolvimento de Software S.A. Gmvis Skysoft, S.A.

Public Administration (0%): SME (23,08): ASMI Industries, S.A.; Hidromod - Modelação em Engenharia, Lda; TEKEVER ASDS, Lda

Total others: 92,31%

FUNDING SOURCES**24,04%**

Competitive funding

67,54%

Public Base Funding

8,42%

Private funding

R&D FUNDED PROJECTS**5**

Number

427 000€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)**574 100€**

Executed Base Funding

13,67

Executed (%)

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

	GLOBAL	4,2 M€
2022	310 842,81€	
2023	1 374 898,67€	
2024	1 342 830,12€	
2025	938 602,72€	
2026	232 825,68€	

IMPACTS**RECURSOS HUMANOS**

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
49	10	20,41	32	65,31	7	14,29

TOTAL CUSTOMERS	27
TOTAL SALES	311 000€
LICENSING AGREEMENTS CELEBRATED	0
PATENTS SUBMITTED	0
SCIENTIFIC PUBLICATIONS	19
DISSEMINATION ACTIONS	93

**CLIMATE, SPACE
AND OCEAN**

BIOREF

ASSOCIAÇÃO BIOREF - LABORATÓRIO COLABORATIVO PARA AS BIORREFINARIAS

bioref-colab.pt

AREAS OF EXPERTISE

Biodiversity and Forest;
Energy and Sustainability;
Materials, Circular Economy
and Urban Sustainability

IMPLEMENTATION LOCATIONS

Póvoa de Santa Iria
Ílhavo
Portalegre
São Mamede de Infesta

INITIATIVE/COORDINATOR

LNEG - Laboratório Nacional de
Energia e Geologia, I.P.

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

FC - Faculdade de Ciências, ULisboa (5%); IST - Instituto Superior Técnico, ULisboa (5%) (Total ULisboa: 10%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (0%)
Higher Education (35%): FC - Faculdade de Ciências, ULisboa; IST - Instituto Superior Técnico, ULisboa; Universidade de Aveiro; Universidade do Minho; Universidade Nova de Lisboa; Universidade do Porto; Universidade de Trás-os-Montes e Alto Douro

Interface Center and R&D Institution (22%): Associação BLC3 - Campus de Tecnologia e Inovação; LNEG - Laboratório Nacional de Energia e Geologia, I.P.; RAIZ - Instituto de Investigação da Floresta e Papel

Large Enterprise (21%): DOUROGÁS RENOVÁVEL - Produtora de Gás, S.A.; Petrogal S.A. - Petróleos de Portugal; TAP Air Portugal TRATOLIXO - Tratamento de Resíduos Sólidos, E.I.M., S.A.

Public Administration (0%)
SME (22%): A4F - Algafuel, S.A.; Biotrend - Inovação e Engenharia em Biotecnologia S.A.; Hychem - Produtos Químicos, S.A.; SilicoLfe, Lda.; SYSADVANCE, Sistemas de Engenharia S.A.

Total others: 90%

DESCRIPTION

CoLAB BIOREF (Collaborative Laboratory for the Biorefineries) is a technology transfer interface organization consisting of 20 associates: private companies and academic partners. CoLAB BIOREF brings innovation to the market, identifying industrial needs in biorefining technologies and boosting the deployment of advanced biorefineries, to improve the competitiveness of the sector, and to contribute to a low carbon economy. To this end, CoLAB BIOREF promotes a market-oriented R&I Agenda (TRL 4-7) based on three strategic domains: 1) Bioenergy, 2) Renewable gases and 3) Sustainable bioeconomy. It also participates in an international network comprised of leading research centres and companies, providing services of excellence in the field of biorefineries.

FUNDING SOURCES

18,09%

Competitive funding

69,26%

Public Base Funding

12,64%

Private funding

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	2,3 ME
2022	0€
2023	835 420,03€
2024	773 001,78€
2025	691 578,19€
2026	0€

R&D FUNDED PROJECTS

2

Number

426 000€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

64 400€

Executed Base Funding

2,80

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
20	6	30	13	65	1	5

TOTAL CUSTOMERS	19
TOTAL SALES	109 000€
LICENSING AGREEMENTS CELEBRATED	0
PATENTS SUBMITTED	0
SCIENTIFIC PUBLICATIONS	6
DISSEMINATION ACTIONS	14

ENERGY AND SUSTAINABILITY

HYLAB

ASSOCIAÇÃO HYLAB - GREEN HYDROGEN COLLABORATIVE LABORATORY

hylab.pt

NET4CO2

ASSOCIAÇÃO NET4CO2 - NETWORK FOR A SUSTAINABLE CO2 ECONOMY

net4co2.pt

AREAS OF EXPERTISE

Electrolyzers for Hydrogen; Hydrogen BioProduction; Energy Transition through the development of Green Hydrogen technologies; Gas blending-Retrofitting technology; Gas Sensing Technology; Safety/Venting; H2 as an energy vector for aircraft; H2 for light vehicles in the urban environment; New challenges for vehicle transport development; Static/ Dynamic Storage (Underground, piping and network gas distribution); H2 Carriers

IMPLEMENTATION LOCATIONS

Sines

INITIATIVE/COORDINATOR

EDP Inovação, S.A

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

IST - Instituto Superior Técnico, ULisboa (Total ULisboa: 5%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (0%)

Higher Education (15%): IST - Instituto Superior Técnico, ULisboa; U.Porto; U.Nova

Interface Center and R&D Institution (25%): CEIIA - Centro para a Excelência e Inovação na Indústria Automóvel; INEGI - Instituto de Ciência e Inovação em Engenharia Mecânica e Engenharia Industrial; INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência; Laboratório Ibérico Internacional de Nanotecnologia; LNEG - Laboratório Nacional de Energia e Geologia, I.P.

Large Enterprise (60%): Bondalti Chemicals, S.A.; EDP - Gestão da Produção SA; Galp Energia, S.A.; REN-Gasodutos, S.A.

Public Administration (5,22%): AGIF - Agência para a Gestão Integrada de Fogos Rurais, I.P.

SME (0%)

Total others: 95%

DESCRIPTION

HyLab is a Collaborative Laboratory for Green Hydrogen.

The main goal of the HyLab is to enable the Portuguese swift implementation of green hydrogen production, storage, transport and utilization at competitive costs. The development of competitive technologies will contribute to the global energy transition and decarbonization. Through its operation, the HyLab aims to anticipate by 6 years (2024 vs 2030, reference year of international studies) the breakeven cost between fossil and green hydrogen. This should allow the HyLab and the Portuguese industry to have the robustness necessary to be established as a reference player within the green hydrogen international market.

FUNDING SOURCES

0%

Competitive funding

0%

Public Base Funding

0%

Private funding

R&D FUNDED PROJECTS

2

Number

426 000€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

85 100€

Executed Base Funding

3

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
0	0	0	0	0	0	0

TOTAL CUSTOMERS

0

TOTAL SALES

0

LICENSING AGREEMENTS CELEBRATED

0

PATENTS SUBMITTED

0

SCIENTIFIC PUBLICATIONS

0

DISSEMINATION ACTIONS

0

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	3,4M€
2022	0€
2023	2 270 476,61€
2024	600 704,21€
2025	471 962,20€
2026	56 856,98€

DESCRIPTION

The Collaborative Laboratory Net4CO2, a private non-profit organization, is a network of R&D competences and technologies with the goal of creating new processes and products that make a significant contribution to the CO2 sustainable circular economy. Net4CO2 mission is to create and develop processes and products to provide competitive solutions for CO2 capture, separation, and valorisation.

The pace at which CO2 emissions are increasing is faster than the Earth capability to adapt. Net4CO2 aims to mitigate this trend without compromising the quality of life we are used to. For that, technical solutions are being developed on two main fronts:

- A safe, efficient and profitable capture and separation of CO2;
- A competitive production of alternative fuels: synthetic fuels, which provide a route for CO2 and CH4 reutilization; and hydrogen which involves zero CO2 emissions.

AREAS OF EXPERTISE

CO2 Capture & Separation; CO2 transport and geological storage; Synthetic chemicals production

IMPLEMENTATION LOCATIONS

Porto

INITIATIVE/COORDINATOR

Galp Energia, SA

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

IST - Instituto Superior Técnico, ULisboa (Total ULisboa: 6%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (0%)

Higher Education (16%): IST - Instituto Superior Técnico, ULisboa; Universidade do Porto

Interface Center and R&D Institution (12%): Laboratório Ibérico Internacional de Nanotecnologia; Requitme - Rede de Química e Tecnologia

Large Enterprise (72%): Change Partners, SCR, S.A.; Galp Energia, S.A.

Public Administration (0%)

SME (0%)

Total others: 94%

FUNDING SOURCES

0%

Competitive funding

32,21%

Public Base Funding

67,69%

Private funding

R&D FUNDED PROJECTS

1

Number

472 000€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

495 500€

Executed Base Funding

12

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
11	4	36,36	6	54,55	1	9,09

TOTAL CUSTOMERS

7

TOTAL SALES

732 000€

LICENSING AGREEMENTS CELEBRATED

0

PATENTS SUBMITTED

0

SCIENTIFIC PUBLICATIONS

30

DISSEMINATION ACTIONS

24

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	4,0 ME
2022	401 668,39€
2023	1 275 607,06€
2024	918 361,02€
2025	927 809,88€
2026	476 553,65€

SMART ENERGY LAB

SMART ENERGY
LAB - ASSOCIATION

smartenergylab.pt

AREAS OF EXPERTISE

Data Management;
Decarbonization of energy
sources; Distributed
Energy Resources; Electric
Mobility; Flexibility; IoT;
Second life equipments and
materials; Smart Devices;
Smart Homes; Storage

IMPLEMENTATION
LOCATIONS

Lisboa

INITIATIVE/COORDINATOR

EDP Comercial - Comercialização de
Energia, S.A.

ASSOCIATES UNIVERSITY OF
LISBOA AND PERCENTAGE OF
SHARE

FC - Faculdade de Ciências, ULisboa
(6%); IST - Instituto Superior
Técnico, ULisboa (6%); INESC-ID
- Instituto de Engenharia de Sistemas
e Computadores, Investigação e
Desenvolvimento em Lisboa (6%)
(Total ULisboa: 18%)

OTHER ASSOCIATES AND
PERCENTAGE OF SHARE

Associations and cooperatives (0%)

Higher Education (18%): FCUL -
Faculdade de Ciências da Universidade
de Lisboa; IST - Instituto Superior
Técnico, ULisboa; Universidade de
Coimbra

**Interface Center and R&D
Institution (12%):** INESC TEC -
Instituto de Engenharia de Sistemas e
Computadores, Tecnologia e Ciência;
INESC-ID - Instituto de Engenharia de
Sistemas e Computadores, Investigação
e Desenvolvimento em Lisboa

Large Enterprise (70%): Accenture,
Consultores de Gestão S.A.; EDP
Comercial - Comercialização de
Energia, S.A

Public Administration (0%)

SME (0%)

Total others: 82%

DESCRIPTION

Smart Energy LAB is a Collaborative Laboratory, with associates from industry and academia enabling a perfect ecosystem to succeed in creating new products and services, focusing in three areas that accelerate energy transition: Useful technology that can improve life; Transaction costs reduction; Increase user adoption. Our team, together with the associates and external stakeholders, ensure the development, deployment and adoption of new energy downstream solutions namely on: Distributed Energy Resources; Energy Management; Flexibility; Storage; E-Mobility. Together with our associates from industry and academia (EDP Comercial, Accenture, Instituto Superior Técnico, Faculty of Sciences of the University of Lisbon, University of Coimbra, INESC TEC and INESC ID), we deliver through a unique combination of science, technology and access to market expertise in three lines of development: 1) Feature Acceleration, 2) IP/Product, 3) R&D Funded Projects.

FUNDING SOURCES

26,25%

Competitive funding

19,73%

Public Base Funding

54,02%

Private funding

INTERFACE
MISSION BASE
FUNDING COMMITTED
(2022 TO 2026)

GLOBAL	2,8 M€
2022	0,00€
2023	645 030,65€
2024	945 949,29€
2025	960 283,31€
2026	243 736,75€

R&D FUNDED
PROJECTS

4

Number

405 000€

Funding

BASE FUNDING
IMPLEMENTATION
(JUNE 2023)

119 800€

Executed Base Funding

4

Executed (%)

IMPACTS

RECURSOS HUMANOS							
HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)	
18	5	27,78	10	55,56	3	16,67	
TOTAL CUSTOMERS					3		
TOTAL SALES					375 000€		
LICENSING AGREEMENTS CELEBRATED					0		
PATENTS SUBMITTED					0		
SCIENTIFIC PUBLICATIONS					2		
DISSEMINATION ACTIONS					27		

VG COLAB

VASCO DA GAMA COLAB-ENERGY
STORAGE - ASSOCIAÇÃO

vgcolab.com

AREAS OF EXPERTISE

Power electronics and
energy management; Redox
flow batteries; Sodium-ion
batteries; Supercapacitors

IMPLEMENTATION
LOCATIONS

Porto

INITIATIVE/COORDINATOR

Efacec Energia - Máquinas e
Equipamentos Eléctricos S.A.

ASSOCIATES UNIVERSITY OF
LISBOA AND PERCENTAGE OF
SHARE

IST - Instituto Superior Técnico,
ULisboa **(Total ULisboa: 10%)**

OTHER ASSOCIATES AND
PERCENTAGE OF SHARE

Associations and cooperatives (0%)

Higher Education (30%): IST -
Instituto Superior Técnico, ULisboa;
Universidade do Porto

**Interface Center and R&D
Institution (15%):** INESC TEC -
Instituto de Engenharia de Sistemas e
Computadores, Tecnologia e Ciência;
Laboratório Ibérico Internacional de
Nanotecnologia

Large Enterprise (30%): EDP
Inovação, SA; Efacec Energia -
Máquinas e Equipamentos Eléctricos
S.A.; Simoldes Plásticos S.A.

Public Administration (0%)

SME (25%): A400 - Projetistas e
Consultores de Engenharia, Lda.;
Charge2C - NewCap Lda.; Visblue
Portugal, unipessoal Lda

Total others: 90%

DESCRIPTION

Portugal is posed to be a leader in the European transition to fully renewable energy. Large-scale energy storage systems are needed to increase grid resilience and to democratize electric transportation adoption. VG CoLAB's research aims to address this need, with teams dedicated to the development of redox flow batteries, supercapacitors with sustainable reagents, sodium batteries without critical materials, and power management systems to optimize and preserve lifetime for these applications.

FUNDING SOURCES

0%

Competitive funding

81,83%

Public Base Funding

18,17%

Private funding

INTERFACE
MISSION BASE
FUNDING COMMITTED
(2022 TO 2026)

GLOBAL	2,2 M€
2022	0,00€
2023	171 274,30€
2024	1 029 850,43€
2025	837 558,27€
2026	175 654,00€

R&D FUNDED
PROJECTS

0

Number

0€

Funding

BASE FUNDING
IMPLEMENTATION
(JUNE 2023)

0€

Executed Base Funding

0

Executed (%)

IMPACTS

RECURSOS HUMANOS							
HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)	
21	7	33,33	14	66,67	0	0	
TOTAL CUSTOMERS					3		
TOTAL SALES					139 000€		
LICENSING AGREEMENTS CELEBRATED					0		
PATENTS SUBMITTED					0		
SCIENTIFIC PUBLICATIONS					2		
DISSEMINATION ACTIONS					5		

ACCEL BIO

ASSOCIAÇÃO ACCEL BIO

accelbio.pt

AREAS OF EXPERTISE

Advanced in Vitro Models;
Drug Discovery; Innovative
Therapeutic Modalities;
Omics

IMPLEMENTATION LOCATIONS

Lisboa
Cantanhede

DESCRIPTION

AccelBio aims to be the bridge that brings biomedical science closer to the market. With a set of partners that cover all the necessary capacities and expertise to drive drug discovery, AccelBio selects fundamental research discoveries and cutting-edge technology platforms and tools and guides the transformation of breakthrough science into validated and investment-worthy assets. AccelBio complements academic research groups and start-ups with industry-standard drug discovery capabilities - target validation, assay development, high-throughput screening, in silico modelling, medicinal chemistry, in vitro and in vivo testing, IP support and business development. Innovative platforms are also being developed within a well-defined R&I agenda that will further boost drug discovery. By providing these capacities and specialized expertise, AccelBio will de-risk drug discovery assets until they are ready to be out-licensed to industry or established as the foundation of new spin-off companies.

INITIATIVE/COORDINATOR

IMM - Instituto de Medicina Molecular
João Lobo Antunes

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

IST - Instituto Superior Técnico, ULisboa (12%); IMM - Instituto de Medicina Molecular João Lobo Antunes (17,5%)
(Total ULisboa: 29,50%)

OTHER ASSOCIATES.A.ND PERCENTAGE OF SHARE

AssociationS.A.nd cooperatives: 0%

Higher Education (26,5%): IST - Instituto Superior Técnico, ULisboa; Universidade de Coimbra

Interface Center and R&D Institution (26,5%): Biocant - Associação de Transferência de Tecnologia; IMM - Instituto de Medicina Molecular João Lobo Antunes

Large Enterprise (5%): Roche Farmacêutica Química

Public Administration (0%): --

SME (42%): BSIM Therapeutics S.A.; CELLMABS, S.A.; LiMM Therapeutics S.A.; Magnify Afterburner Capital Partners - Sociedade de Capital de Risco, S.A.; Targtex S.A.; VerticalSentinel

Total others: 70,5%

FUNDING SOURCES

0%

Competitive funding

0%

Public Base Funding

0%

Private funding

R&D FUNDED PROJECTS

0

Number

0€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

497 200€

Executed Base Funding

12,43

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
0	-	-	-	-	-	-

TOTAL CUSTOMERS 0

TOTAL SALES 0

LICENSING AGREEMENTS CELEBRATED 0

PATENTS SUBMITTED 0

SCIENTIFIC PUBLICATIONS 0

DISSEMINATION ACTIONS 1

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	4,0 ME
2022	221 965,64€
2023	1 443 802,96€
2024	1 305 787,68€
2025	1 028 443,72€
2026	0,00€

HEALTH

VECTORB2B

VECTOR B2B - DRUG DEVELOPING - ASSOCIAÇÃO PARA A INVESTIGAÇÃO EM BIOTECNOLOGIA

vectorb2b.com

AREAS OF EXPERTISE

Bioinformatics; Drug Discovery and Development; Medical Devices and wearables

IMPLEMENTATION LOCATIONS

Lisboa

INITIATIVE/COORDINATOR

Technophage - Investigação e Desenvolvimento em Biotecnologia, S.A.

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

FM - Faculdade de Medicina, ULisboa (5%); FMV - Faculdade de Medicina Veterinária, ULisboa (5%); FF - Faculdade de Farmácia, ULisboa (5%) (Total ULisboa: 15%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (0%)
Higher Education (20%): Faculdade de Medicina, ULisboa; Faculdade de Medicina Veterinária, ULisboa; Faculdade de Farmácia, ULisboa; Universidade de Coimbra

Interface Center and R&D Institution (0%)

Large Enterprise (32,5%): Laboratório Medinfar – Produtos Farmacêuticos, S.A.

Public Administration (0%)

SME (47,5%): BeVag – Management Solutions, Unipessoal, Lda; Technophage – Investigação e Desenvolvimento em Biotecnologia, S.A.

Total others: 85%

DESCRIPTION

VectorB2B provides highly qualified services of drug discovery and development from the bench to the bedside (B2B).

VectorB2B is a non profit association constituted in 2019 by a strong and complementary set of academic partners and pharmaceutical companies renowned in the health sector in Portugal. Together, we form a robust asset of knowledge and innovation, particularly in the domain of biological therapeutics. We contribute with scientific expertise and state-of-the-art technology to offer a complete range of 360-degree services throughout the whole R&D value chain. At Vector B2B, we have a dedicated team to help you design and give support to your project from your initial contact and throughout every milestone.

We offer integrated services in drug discovery, toxicology, process development and contract manufacturing (GMP) and clinical scientific management.

FUNDING SOURCES

0,35%

Competitive funding

77,70%

Public Base Funding

21,95%

Private funding

R&D FUNDED PROJECTS

0

Number

0€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

672 900€

Executed Base Funding

17

Executed (%)

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	4,0 M€
2022	105 905,62€
2023	1 170 025,58€
2024	1 188 255,34€
2025	1 212 060,24€
2026	323 753,22€

IMPACTS

RECURSOS HUMANOS							
HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)	
21	11	52,38	7	33,33	3	14,29	
TOTAL CUSTOMERS					38		
TOTAL SALES					1 000 000€		
LICENSING AGREEMENTS CELEBRATED					1		
PATENTS SUBMITTED					0		
SCIENTIFIC PUBLICATIONS					3		
DISSEMINATION ACTIONS					8		

MATERIALS, CIRCULAR ECONOMY AND URBAN SUSTAINABILITY

BUILT COLAB

ASSOCIAÇÃO BUILT COLAB - COLABORATIVE LABORATORY FOR THE FUTURE BUILT ENVIRONMENT

builtcolab.pt

AREAS OF EXPERTISE

Materials, Circular Economy and Urban Sustainability; Energy and Sustainability; Digital and Communication Systems

IMPLEMENTATION LOCATIONS

Porto
Oeiras

INITIATIVE/COORDINATOR

PTPC - Plataforma Tecnológica Portuguesa da Construção

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

IST - Instituto Superior Técnico, ULisboa (Total ULisboa: 5%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (10%): PTPC - Plataforma Tecnológica Portuguesa da Construção; PFP - Associação da Plataforma Ferroviária Portuguesa

Higher Education (25%): Instituto Politécnico de Leiria; Instituto Superior de Engenharia de Lisboa; Instituto Superior Técnico, ULisboa; U.Minho; U.Porto

Interface Center and R&D Institution (15%): INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência; ITeCons - Instituto de Investigação e Desenvolvimento Tecnológico para a Construção, Energia, Ambiente e Sustentabilidade; LNEC - Laboratório Nacional de Engenharia Civil, I.P.

Large Enterprise (30%): Alberto Couto Alves, SGPS S.A.; Casais Engenharia e Construção S.A.; Mota-Engil - engenharia e construção, S.A.; OUZO - Engenharia Unipessoal, Lda.; SECIL - Companhia Geral de Cal e Cimento, S.A.;vTeixeira Duarte, Engenharia e Construção, S.A.

Public Administration (0%)

SME (20%): 3 Drivers - Engenharia, Inovação e Ambiente, Lda.; A400 - Projetistas e Consultores de Engenharia, Lda.; André Brito Caiado - Arquitectura, Lda; BIMMS, Lda.

Total others: 95%

DESCRIPTION

BUILT CoLAB aims to develop research, innovation, and knowledge transfer activities, with a view to increasing productivity, competitiveness and sustainable growth of the Ecosystem of the AEC sector, promoting the digital and climatic transformation of buildings and infrastructures, making them adaptable, intelligent, resilient and sustainable. The scope of BC operation is the built environment as a whole considering the distinctive types of buildings and infrastructure, including energy transport infrastructure and the water cycle. Its R&D agenda covers the life cycle of the built environment, including architecture, design and data-driven manufacturing, promoting the digitization of the entire ecosystem based on BIM methodology and technologies that promote the use of digital twin in a factory or shipyard environment, in the management and maintenance of infrastructure and buildings, and ultimately deconstruction and recycling.

FUNDING SOURCES

20,64%

Competitive funding

60,22%

Public Base Funding

19,14%

Private funding

R&D FUNDED PROJECTS

2

Number

1 342 000€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

60 500€

Executed Base Funding

1,78

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
26	6	23,08	16	61,54	4	15,38

TOTAL CUSTOMERS 33

TOTAL SALES 31 000€

LICENSING AGREEMENTS CELEBRATED 3

PATENTS SUBMITTED 0

SCIENTIFIC PUBLICATIONS 36

DISSEMINATION ACTIONS 140

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	3,4 M€
2022	0,00€
2023	642 000,48€
2024	1 133 876,93€
2025	1 146 691,72€
2026	477 430,87€

C5LAB

C5LAB - SUSTAINABLE CONSTRUCTION MATERIALS ASSOCIATION

c5lab.pt

AREAS OF EXPERTISE

CO2 Capture, Utilisation and Storage (CCUS); Energy Transition and Efficiency; Novel Cementitious Materials for Sustainable Construction Solutions

IMPLEMENTATION LOCATIONS

Linda-a-Velha
Leiria
Coimbra

INITIATIVE/COORDINATOR

Associação Técnica e Indústria de Cimento

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

IST - Instituto Superior Técnico, ULisboa (Total ULisboa: 20%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (5%): Associação Técnica de Indústria de Cimento

Higher Education (20%): IST - Instituto superior Técnico, ULisboa

Interface Center and R&D Institution (5%): LNEC - Laboratório Nacional de Engenharia Civil, I.P.

Large Enterprise (70%): CIMPOR - Portugal Cabo Verde Operations, SGPS, S.A.; SECIL - Companhia Geral de Cal e Cimento, S.A.

Public Administration (0%)

SME (0%)

Total others: 80%

DESCRIPTION

c5Lab - Sustainable Construction Materials Association, is a private, non-profit institution. Founded in 2019, the Association started its activities in March 2020. Having in its genesis the process of CoLAB recognition of excellence of the national initiative of the Ministry of Science, Technology and Higher Education, c5Lab is a Collaborative Laboratory that has the mission of providing a platform of applied and multi-disciplinary research at the highest international level, which contributes to the qualified and scientific employment in the cement industry, committed to increase the competitiveness of the national industry in the context of the RNC2050, PNEC2030 and of the Sustainable Development Goals (SDGs).

FUNDING SOURCES

4,04%

Competitive funding

88,64%

Public Base Funding

7,32%

Private funding

R&D FUNDED PROJECTS

0

Number

0€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

623 400€

Executed Base Funding

16

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
39	39	30,77	3	61,54	3	7,69

TOTAL CUSTOMERS 2

TOTAL SALES 0€

LICENSING AGREEMENTS CELEBRATED 1

PATENTS SUBMITTED 0

SCIENTIFIC PUBLICATIONS 14

DISSEMINATION ACTIONS 13

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	4,0 M€
2022	0,00€
2023	1 349 915,90€
2024	1 377 927,89€
2025	1 107 973,03€
2026	164 183,18€

COLABOR

LCTEPS - ASSOCIAÇÃO LABORATÓRIO COLABORATIVO PARA O TRABALHO, EMPREGO E PROTEÇÃO SOCIAL

colabor.pt

AREAS OF EXPERTISE

Assessment of social responses; DataLABOR: digital platform on work and social protection; Dynamic Microsimulation Models; Jobs and Occupations Based Search; Tecnology impact assessment toolkit

IMPLEMENTATION LOCATIONS

Lisboa

INITIATIVE/COORDINATOR

CES - Centro de Estudos Sociais da Universidade de Coimbra

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

Instituto de Direito Económico, Financeiro e Fiscal (IDEFF) (Total ULisboa: 11,11%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (22,22%): CNIS – Confederação Nacional das Instituições de Solidariedade; Santa Casa da Misericórdia de Lisboa

Higher Education (11,11%): ISCTE – Instituto Universitário de Lisboa

Interface Center and R&D Institution (22,22%): CES – Centro de Estudos Sociais da Universidade de Coimbra; Instituto de Direito Económico, Financeiro e Fiscal (IDEFF)

Large Enterprise (33,33%): Delta Cafés, SA; MOTA - ENGLIL, SGPS S.A.; SONAE, SA

Public Administration (11,11%): Câmara Municipal de Lisboa

SME (0%)

Total others: 88,89%

DESCRIPTION

The Collaborative Laboratory for Work, Employment and Social Protection (CoLABOR) mobilises resources from academia, companies and social and solidarity economy organisations, with a view to gleaning a more in-depth understanding of the present and foreseeable problems in three central domains: a) work, employment and technology; b) social protection; and c) the social and solidarity economy. CoLABOR's action plan generates outputs appropriated both nationally and internationally by private sector companies, the public administration, and entities from the social and solidarity sector.

FUNDING SOURCES

2,24%

Competitive funding

69,15%

Public Base Funding

28,61%

Private funding

R&D FUNDED PROJECTS

0

Number

0€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

701 600€

Executed Base Funding

32

Executed (%)

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	2,2 M€
2022	77 500,00€
2023	640 769,23€
2024	640 769,22€
2025	640 769,24€
2026	160 192,31€

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
17	5	29,41	8	47,06	4	23,53

TOTAL CUSTOMERS	17
TOTAL SALES	380 000€
LICENSING AGREEMENTS CELEBRATED	1
PATENTS SUBMITTED	0
SCIENTIFIC PUBLICATIONS	24
DISSEMINATION ACTIONS	134

SOCIAL SERVICES AND TOURISM

KIPT

ASSOCIAÇÃO KIPT INOVAÇÃO E TURISMO, LABORATÓRIO COLABORATIVO

kipt.pt

AREAS OF EXPERTISE

Artificial Intelligence; Data Analytics; Education; Employment; Inclusion; Microcreditations; Platform; Training; Trends

IMPLEMENTATION LOCATIONS

Loulé

INITIATIVE/COORDINATOR

Universidade Europeia, Faculdade de Turismo e Hospitalidade

ASSOCIATES UNIVERSITY OF LISBON AND PERCENTAGE OF SHARE

ADVANCE - Centro de Investigação Avançada em Gestão (Total ULisboa: 5%)

OTHER ASSOCIATES AND PERCENTAGE OF SHARE

Associations and cooperatives (10%): AHRESP- Associação da Hotelaria, Restauração e Similares de Portugal; ATA - Associação de Turismo do Algarve

Higher Education (30%): COFAC - Cooperativa de Formação e Animação Cultural CRL; Ensilis-Educação e Formação, Unipessoal Lda; Instituto Politécnico de Bragança; Instituto Politécnico de Leiria; Universidade de Évora; Universidade do Algarve

Interface Center and R&D Institution (10%): ADVANCE - Centro de Investigação Avançada em Gestão; Uniaudax - centro de investigação e apoio ao empreendedorismo e empresas familiares

Large Enterprise (20%): Hotistar-Portugal Hotéis S.A.; Salvor-Sociedade de Investimento Hoteleiro S.A.; SGS Portugal - Sociedade Geral de Superintendência SA; Vila Galé sociedade de empreendimentos turísticos S.A.

Public Administration (0%)

SME (30%): Algardata- Sistemas informáticos, S.A.; Blue Geo Lighthouse, Lda.; Logical Safety, S.A.; Media Invest-M.I.T.G. Lda; Prizmakat Lda; Upstream- Valorização do Território S.A.

Total others: 95%

DESCRIPTION

The KIPT Collaborative Laboratory - Knowledge to Innovate Professions in Tourism - aims to be a collaborative platform that proposes to bring businesses and academia closer together, through the development of an action plan around three strategic axes: knowledge, employment and sustainable competitiveness. This CoLAB, focusing on the professions as a leading factor in ensuring competitiveness and sustainable development, addresses the sustainability of the Tourism sector in different scenarios (resilience, recovery, and transformation) to overcome the problems facing the sector, with the ultimate goal of contributing to a valued, rewarding, inclusive and conciliatory labour market.

With a social capital that includes 20 entities linked to Science, Technology and Higher Education, tourism governance, information systems, certification, hotel and restaurant management, operations, travel agencies, sustainability, and innovation and entrepreneurship.

FUNDING SOURCES

0%

Competitive funding

0%

Public Base Funding

100%

Private funding

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	0,9 ME
2022	27 246,29€
2023	91 395,15€
2024	409 406,88€
2025	409 951,68€
2026	0,00€

R&D FUNDED PROJECTS

0

Number

0€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

30 000€

Executed Base Funding

3

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
0	0	0	0	0	0	0

TOTAL CUSTOMERS	1
TOTAL SALES	10 000€
LICENSING AGREEMENTS CELEBRATED	0
PATENTS SUBMITTED	0
SCIENTIFIC PUBLICATIONS	2
DISSEMINATION ACTIONS	12

PROCHILD

PROCHILD COLAB AGAINST POVERTY AND SOCIAL EXCLUSION

prochildcolab.pt

AREAS OF EXPERTISE

Social Services

IMPLEMENTATION LOCATIONS

Guimarães

DESCRIPTION

ProChild aims to develop a strategy against child poverty and social exclusion, framed in a transdisciplinary scientific approach, linking the public and private sectors, promoting children's well-being at the economic and social levels and contributing to public policies to stand upon their rights.

Our vision is to become the national reference institution for the development of integrated solutions to break the cycle of poverty and promote children's rights and well-being. ProChild seeks to promote an effective social change by linking researchers and on-the-ground stakeholders around a common scientific-based innovative agenda, allying social intervention & digital technologies. This alliance will allow more efficient data collection and analysis, with a major impact on scaling-up programs, services and products fittings children, families, professionals and stakeholders' needs, and on knowledge transfer to ultimately contribute to public policies and advocacy actions.

FUNDING SOURCES

4,70%

Competitive funding

61,15%

Public Base Funding

34,15%

Private funding

INTERFACE MISSION BASE FUNDING COMMITTED (2022 TO 2026)

GLOBAL	2,0 ME
2022	0€
2023	531 481,00€
2024	741 959,50€
2025	736 559,50€
2026	0€

R&D FUNDED PROJECTS

0

Number

0€

Funding

BASE FUNDING IMPLEMENTATION (JUNE 2023)

136 700€

Executed Base Funding

7

Executed (%)

IMPACTS

RECURSOS HUMANOS

HR HIRED (DECEMBER 2021)	PhD (N)	PhD (%)	MSc (N)	MSc (%)	BSc (N)	BSc (%)
23	8	34,78	14	60,87	1	4,35

TOTAL CUSTOMERS	33
TOTAL SALES	220 000€
LICENSING AGREEMENTS CELEBRATED	21
PATENTS SUBMITTED	0
SCIENTIFIC PUBLICATIONS	83
DISSEMINATION ACTIONS	134



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