



2020 ICM meeting #1  
**South-Mediterranean**  
Bragança, 9-13 March 2020

2020 ICM meeting #2  
Eastern Partnership, Russian Federation,  
Central Asia, Latin America, ACP states  
Bragança, 11-15 May 2020

37

years

32

associate  
degrees

9000

students

42

bachelor  
degrees

150

PhD  
students

450

FTE teachers

31

master  
degrees

30

post-doc  
students

# Research

Excellent



Excellent



Very Good



Good



Good



## 82% PhD teaching board

 **multirank 2019**

For the sixth consecutive year,  
the Polytechnic Institute of Bragança  
was considered the  
**Best Portuguese University of Applied Sciences**



## R&D Units:



CIMO Mountain Research Center <http://cimo.ipb.pt>

socio-ecological systems (socio-ecological resilience; sustainable agriculture and innovative agro-food chains); sustainable processes and products (processes and products engineering; natural and bio-based ingredients)



Centro de Investigação em  
Digitalização e Robótica Inteligente

CeDRI Research Centre in Digitalization and Intelligent Robotics

<http://cedri.ipb.pt>

industrial embedded and cyber-physical systems; intelligent systems and data analytics; intelligent and collaborative robotic systems; modelling, simulation and optimization for decision support



UNIAG Applied Management Research Unit <http://uniag.ipb.pt>

tourism, management, regional development, social and business sustainability, entrepreneurship, competitiveness, corporate governance, and information and communication technologies



CIEB Research Center in Basic Education <http://cieb.esi.ipb.pt>

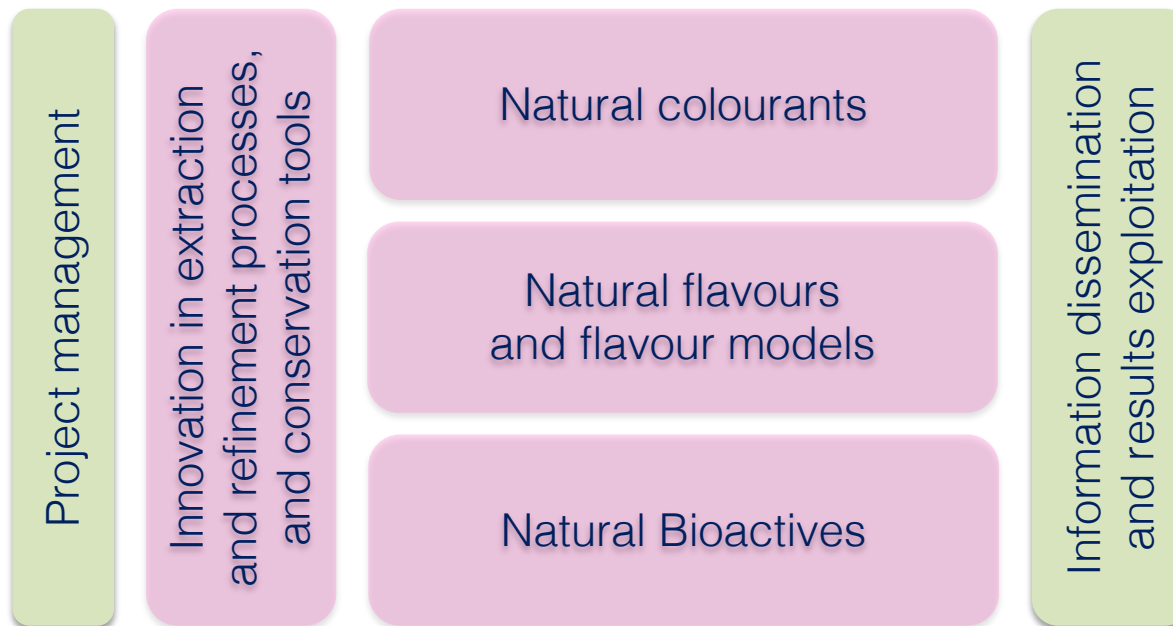
teacher training, tutorial supervision, curriculum development, educational development, pedagogical innovation, digital skills



CIDESD Research Center in Sports Sciences, Health and Human Development (branch IPB) <http://cidesd.utad.pt>

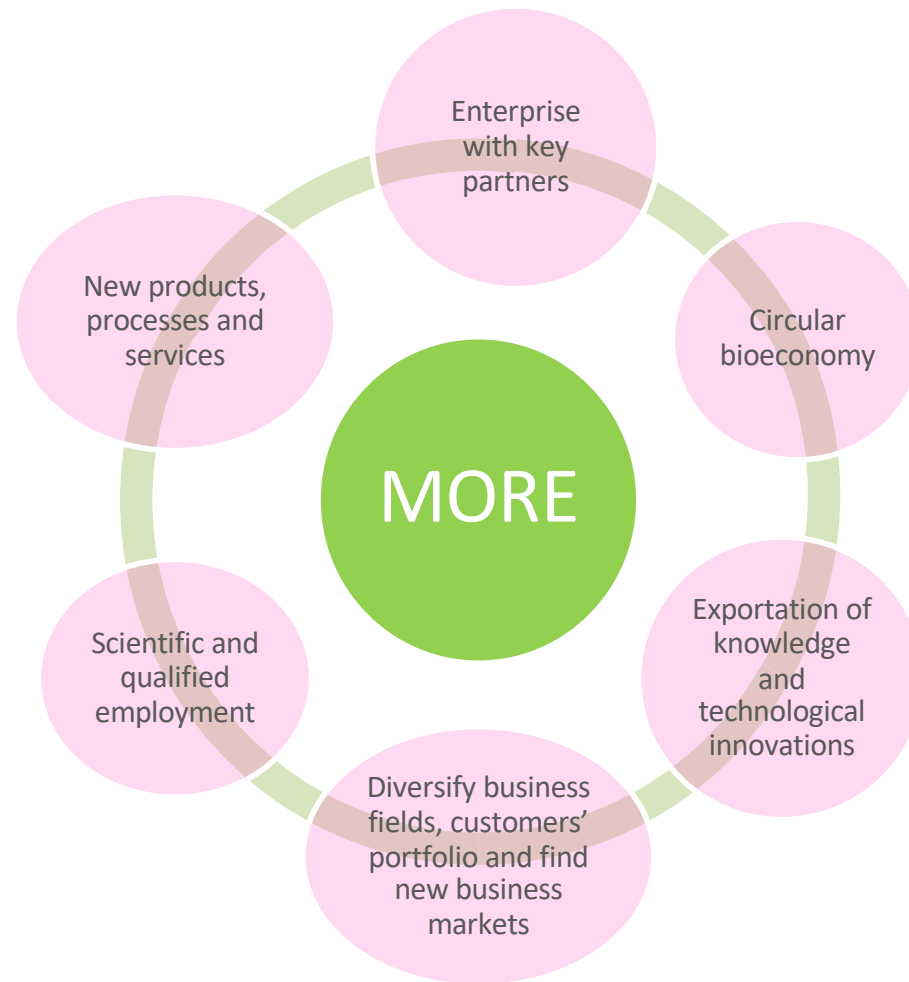
sports performance; health; professional and pedagogical intervention

Practice-based research  
Mobilizing program





**Mountains of Research  
Collaborative Laboratory**



Strategic areas:

Environment and ecosystems, Food and bio-based products, Well-being and tourism, Clean technologies

# Internationalization

3000

non-PT students

900

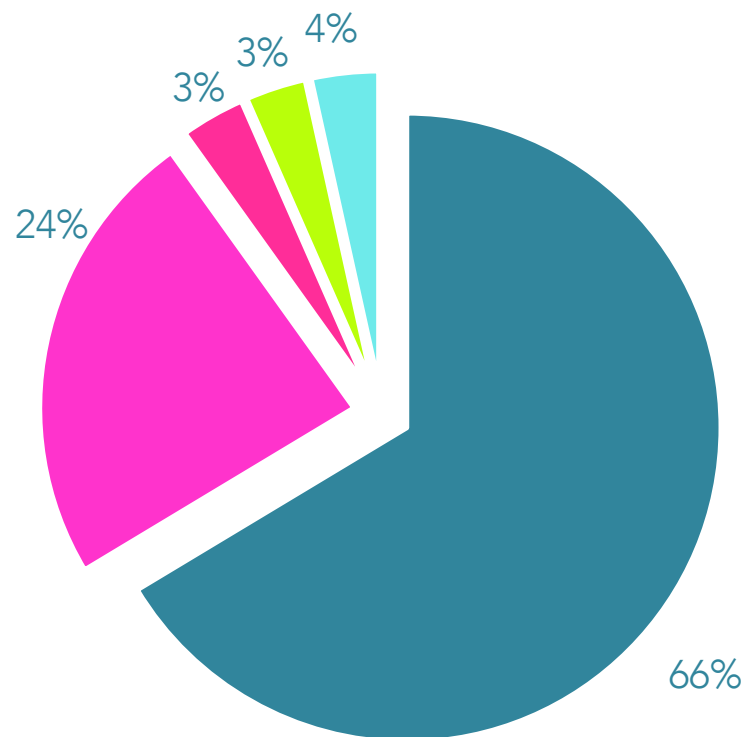
incoming students/year

300

DD students/year

360

incoming staff/year



- Portugal
- International
- International DD
- Incoming non-EU
- Incoming Erasmus

# ERASMUS ICM

The major aim of the International Credit Mobility (ICM) project is the consolidation of the ongoing cooperation between the Polytechnic Institute of Bragança (IPB) and the Higher Education Institutions (HEIs) outside EU, particularly to promote student mobility for **double diploma** and staff development on the European **HE best-practices**, and to improve the management and operation of partner HEIs in **international relations capacities**.

[www.ipb.pt/icm](http://www.ipb.pt/icm)



# ERASMUS ICM

10<sup>th</sup> March, 14:30 Research workshops

The success of the **Double Diploma program** requires the promotion of a deep cooperation between the teachers and researchers of both institutions, through the **co-supervision of master students**, and the participation in their training. We invite our partners to share their research interests and of their colleagues (institution) in the area. The teachers and researchers of IPB will do the same on our side. The objective is to know better our research interests and **to promote the matching of co-supervisors for future students in DD at IPB.**

**a) Visit to CIMO (Mountain Research Centre) and research workshop**

Areas of Agriculture Sciences, Biotechnological and Chemical Engineering, Food Science and Technology, Forestry.

**b) Visit to CeDRI (Research Centre in Digitalization and Intelligent Robotics), GICoS (Research Group on Sustainable Construction) and research workshop**

Areas of Electrical and Electronic Engineering, Computer Science and Engineering, Renewable Energies, Civil and Mechanical Engineering.

# ERASMUS ICM

10<sup>th</sup> March, 14:30 Technical Workshops

Technical and administrative staff from ICM partner institutions have the possibility to meet their IPB colleagues at different technical and management structures and offices, contributing for the quality of the mobility project and bilateral cooperation, and **enhancing their professional activities and career development.**

Areas: **International Relations Office, Academic Services, Library, IT Services.**



## 12-13<sup>th</sup> March Seminars


The teachers who will come with an Erasmus STA grant are invited to talk about a topic of his/her interest, to be included in the **DD master students' timetables**. The seminar will also be open to IPB researchers and teachers. The seminar should have a duration of a maximum of 45 minutes, followed by 15 minutes for questions.

*Molecular mechanism of HIV-1 Reverse Transcriptase to Analogues Nucleosides Drugs*, Selmi Boulbaba (ISBM, Tunisia)


*Contributions of Lidar Technology in the Management of Forest Resources*, Kenza Ait el Kadi (IAV-Hassan II, Morocco)

*Renewable energy in Africa. A real challenge for the future*, Fouad Boukli-Hacene (HSAS Tlemcen, Algeria)





Double Diploma  
Much more than  
student mobility



What have we learned  
from Erasmus mobility  
and ECTS?

DD master program

ICM Partner

1 & 2

3 & 4

DD master program

ICM Partner

1 & 2

3 & 4

IPB

1 & 2

3 & 4



DD master program

ICM Partner

1 & 2

3 & 4



IPB

1 & 2

3 & 4



Credit recognition  
48 to 60 ECTS

DD master program

ICM Partner

1 & 2

3 & 4



IPB

1 & 2

3 & 4

Credit recognition  
48 to 60 ECTS

IPB Study plan  
60 a 72 ECTS

DD master program

ICM Partner

IPB

1 & 2

1 & 2

3 & 4

3 & 4

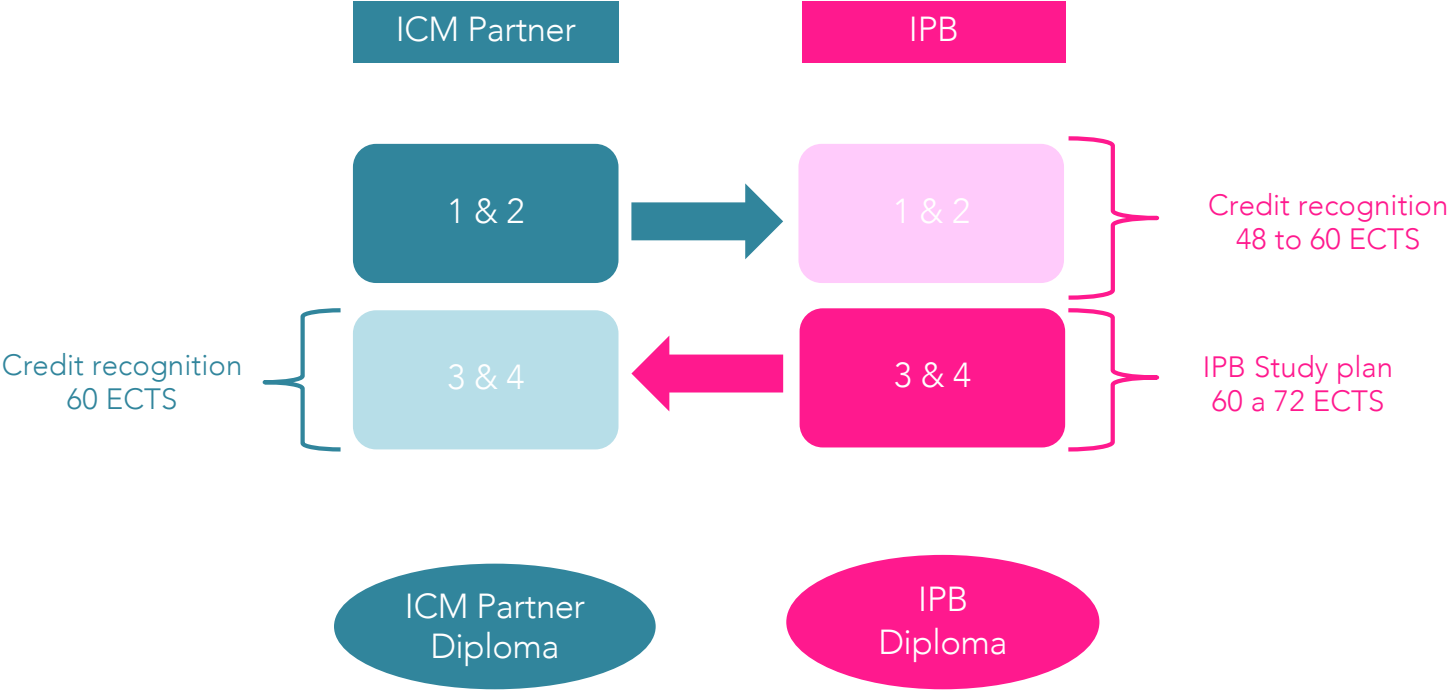
Credit recognition  
60 ECTS

Credit recognition  
48 to 60 ECTS

IPB Study plan  
60 a 72 ECTS



DD master program





Mobility  
Sharing  
students  
and teachers



Co-supervision  
Sharing  
researchers



Co-creation  
Fitting & Shaping  
research interests  
and new ideas

15

Non-EU  
Countries

32

Non-EU  
HEIs

16

DD  
Masters & Bachs

The IPB DD international platform in numbers (2014-2020)

914

DD Student  
Mobility

252

DD Teaching  
Mobility

836

Co-supervised  
master theses



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