

Mountain Research Centre 2018 Fact Sheet



Centro de
Investigação
de Montanha

Year of establishment: 2002

Host Institutions: Polytechnic Institute of Bragança (IPB); Polytechnic Institute of Viana do Castelo (IPVC), Portugal

National status: National R&D unit funded by FCT (Foundation for Science and Technology, Portugal)

Directive board: Isabel C.F.R. Ferreira (Coordinator); João C. Azevedo, M. Filomena Barreiro (Vice-Coordinators)

Mission: CIMO conducts research focused on Mediterranean mountain systems following an interdisciplinary approach based on an applied research strategy covering issues and expertise that go from Nature (raw materials, natural resources, biodiversity, agriculture and forest management) to Products (Food or Bio-based materials)

Objectives: CIMO aims to promote research in Mediterranean mountain areas according to the best international practices, promoting scientific observation and experimental development for the conservation, exploitation and scientific valorisation of biodiversity, natural resources, farming and forest systems, and mountain products; to develop sustainable land use systems, improving endogenous research competencies; and linking research and stakeholders promoting sustainable development in mountain areas. CIMO is socially committed at enhancing opportunities and income for and in mountain areas

Research groups

- Socio Ecological Systems
- Sustainable Processes and Products

Major scientific areas

- Agricultural, forestry and fisheries
- Chemical engineering
- Other engineering and technology sciences

Major fields of expertise/research priorities

- Socio Ecological resilience
- Sustainable agriculture and innovative agro-food chains
- Processes and products engineering
- Natural and bio-based ingredients

Members

- Integrated PhD Members: 77
- PhD students: 30; Other non-PhD: 10
- Collaborator Members: 15

Budget (2013-2017): €17.8 million (3% direct FCT funding)

Mountain Networks

- Euromontana (Board of Directors)
- Iberian Mountain Research Network (Directing Committee)
- LuMont (Direction)
- Mountain Partnership (UN) (Steering Committee)
- Mountain Research Initiative (MRI) (Collaborators)
- Network for European Mountain Research (NEMOR) (Members)
- Portuguese Mountain Research Network (Coordinating and Executive Board)

International organizations and networks

- Apimondia
- COLOSS
- Ecosystem Services Partnership
- European Food Safety Authority
- European Land-Use Institute
- FAO SILVAMED Urban and Periurban Forest
- International Committee on Food Microbiology and Hygiene
- International Honey Commission
- International Society for Horticultural Science
- IUFRO Landscape Ecology WP
- Sustainable Bee Breeding
- Red Ibérica de evaluación de eficacia y efectos secundarios de tratamiento para el control de plagas en el olivar
- TP Organics

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EU networks

- SUPER-B-Sustainable pollination in Europe: joint research on bees and other pollinators (COST; 2014-2018)
- NEREUS-New and emerging challenges and opportunities in wastewater reuse (COST; 2014-2018)
- BioLink-Linking belowground biodiversity and ecosystem function in European forests (COST; 2014-2018)
- Endophytes in Biotechnology and Agriculture (COST; 2014-2018)
- Connecting European Connectivity Research (COST; 2014-2018)
- Using three-way interactions between plants, microbes and arthropods to enhance crop protection and production (COST; 2015-2019)
- CLIMO-Climate-Smart Forestry in Mountain Regions (COST; 2016-2020)
- BIORRECER-Valorisation of residues from industrialization of grains to obtain chemicals and energy (CYTED; 2016-2020)
- MARCARNE-Marcas de qualidade de carne e produtos cárneos ibero americanos (CYTED; 2016-2020)
- Flavo-Pyra-Tech-Advanced natural food flavours based on sustainable technology of pyrazines (EUREKA; 2017-2020)

EU projects

- TREASURE (Horizon 2020; 2015-2019)
- XF-ACTORS (Horizon 2020; 2016-2020)
- FOODINTEGRITY (FP7-KBBE; 2016-2018)
- BEEHOPE (ERA-Net, FCT; 2015-2018)
- BEEHEAL (ERA-Net, FCT; 2017-2020)
- ECOLAMB (ERA-Net, FCT; 2017-2019)
- INTERNOVAMARKET FOOD (POCTEP; 2016-2020)
- BIOURB-NATUR (POCTEP; 2015-2019)
- REhab-Ind (POCTEP; 2015-2018)
- IBERPHENOL (POCTEP; 2015-2019)
- VALORCOMP (POCTEP; 2016-2019)
- SOS Praderas (SUDOE; 2016-2019)
- Kópóti pa cudji nô future (EuropeAid; 2015-2018)

National projects: 34 running projects under the PTDC (FCT), PAN 2017-2019, NORTE 2020, PORTUGAL 2020, PDR 2020 and MAR 2020 frameworks

Stakeholders and knowledge, technology, and innovation transfer

- R&I with the involvement of stakeholders (farmers, industry, services, government)
- Organization and active participation in transfer events and activities
- Strategic collaborative initiatives:
 - MORE: Mountains of Research CoLAB (FCT)
 - Valor Natural® (Mobilizing project; Norte 2020)

Facilities

- Labs in Food Technology, Microbiology, Analytical Chemistry, Biochemistry, Biotechnology and Soils (CIMO)
- Labs in Chemical Engineering (former LSRE-LCM/IPB pole)
- Herbarium; Biology, Ecology, Animal Nutrition, Plant Protection and Soil Fertility Labs (IPB- School of Agriculture)
- Experimental Farms, fully equipped, including greenhouses, in two Mediterranean agroecological zones (IPB-School of Agriculture)
- Labs in Life and Earth Sciences, Geomatics and Environmental Systems, plus an experimental farm in the agroecological Atlantic mountain zone (IPVC- School of Agriculture)
- Brigantia EcoPark pilot scale labs

Upcoming CIMO major conferences

- Mountains 2018, Nova Friburgo, Rio de Janeiro, Brazil, 10-14 December, 2018
- Ibero-American Congress of Meat Quality Marks and Meat Products – MARCARNE CYTED, 24-25 October, 2019
- International Conference on Predictive Modelling in Food (ICPMF), Bragança, Portugal, 17-20 September, 2019

Award 2017: CCDR-Norte with the “O Norte Somos Nós” Research Award