

*An active community to  
promote research, knowledge  
transfer and innovation*



Parc Científic de Barcelona  
UNIVERSITAT DE BARCELONA





# Catalunya: Innovation, entrepreneurship and network thinking

## DYNAMIC ECONOMY

- Area: 32.106 km<sup>2</sup>
- Population: 8 millions (2024)
- GDP: 292.474 M€ (2023)
- GDP per capita: 36.045 €/year (2023)
- Companies: 600.090 (2023)

## INVESTMENT

- 347 M€ raised in 2024 (80% from venture capital companies)

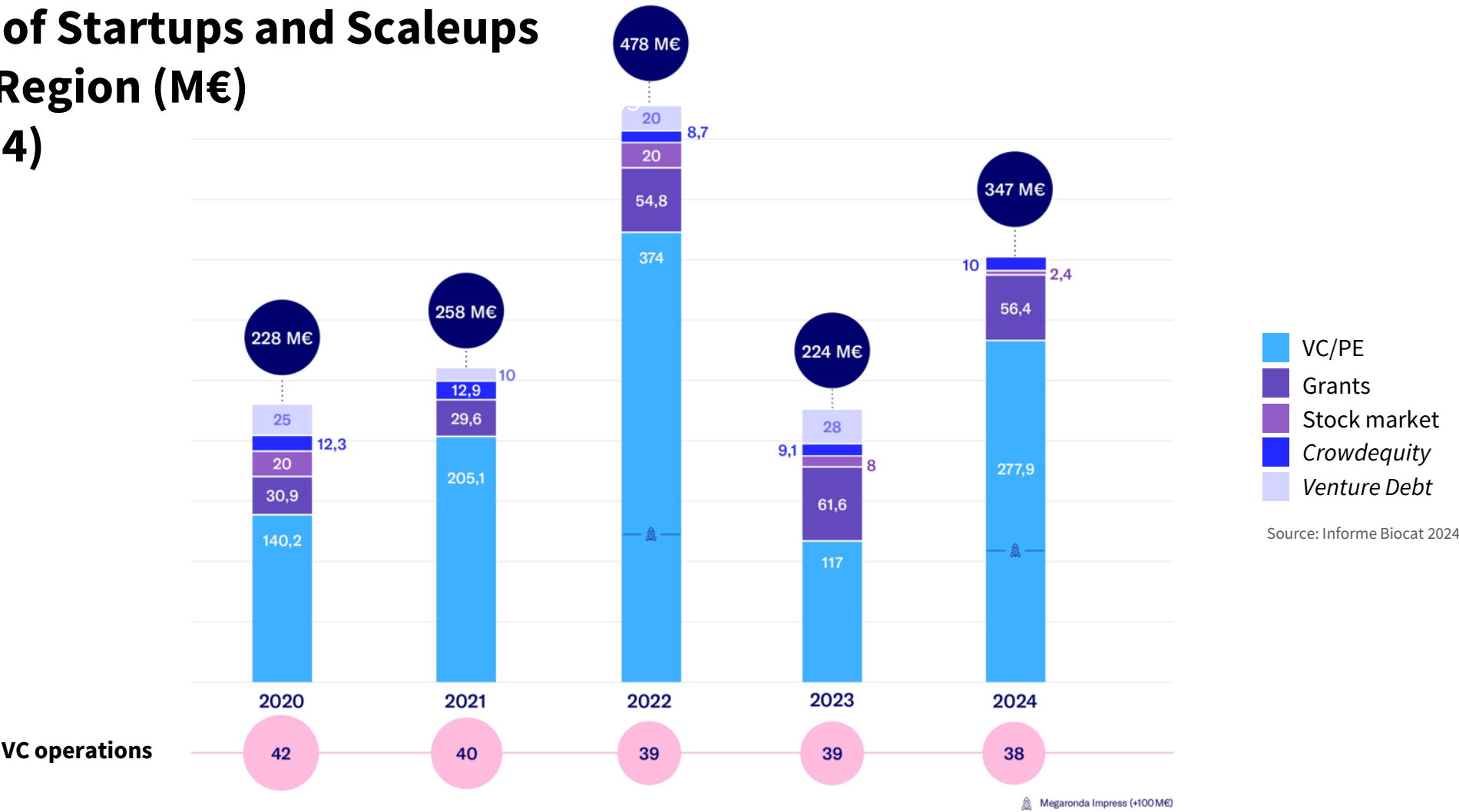
## LIFE SCIENCES AND HEALTH CARE

- 7,6% of Catalonia's GDP (4,1% industrial subsector and 3,5% health services) (2024)
- Invoicing: 44.757 M€ (health services included) (2024)
- 281.379 jobs (2024)
- It employs 7,3% of the employed population (2024)
- 93 research institutes and more than 1.500 companies (2024)

Source: Idescat, INE, Biocat

# Catalunya: Innovation, entrepreneurship and network thinking

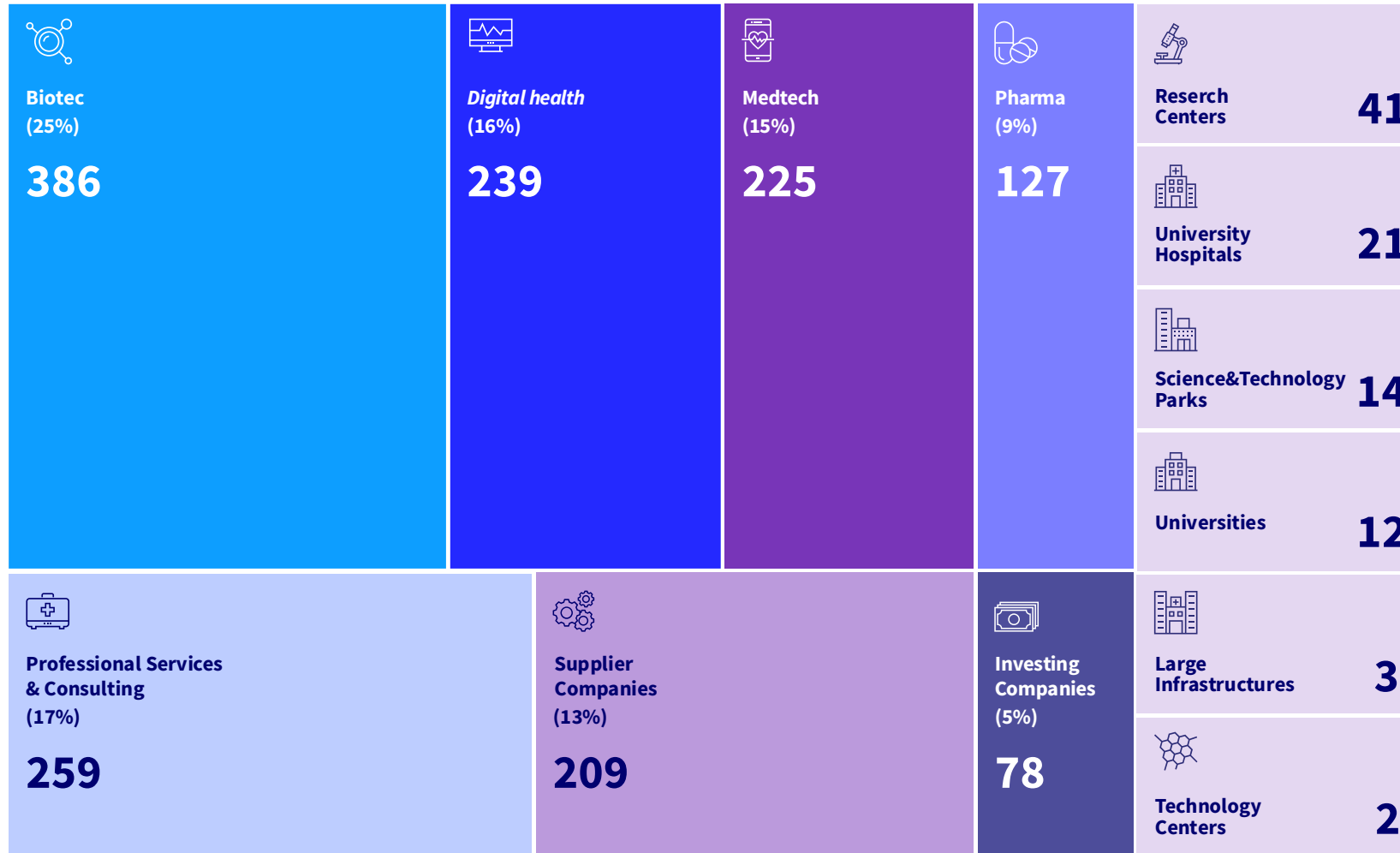
## Snapshot of Startups and Scaleups in the BioRegion (M€) (2020-2024)



# The BioRegion of Catalunya: Agents of the ecosystem

+1.500 companies ↘

93 research institutes ↘



Source: Biocat (december 2024)

# The UB in figures

## Academic offer

17 faculties  
72 degrees  
10 affiliated centers  
173 university master's degrees  
47 doctoral programs  
1.212 continuous training courses (IL3-UB)

## Students and researchers in training

62.799 students:

- 41.078 degrees
- 5.679 university master's degrees
- 10.856 postgraduate
- 5.186 researchers in training

## R&D

- 224 M € research funds raised
- 661 doctoral theses read (provisional data)
- 5.186 trainee researchers
- 7.751 scientific publications
- 1.283 active research projects
- 36 projects awarded by the Horizon and Europe 2020 program
- 153 patents applied for
- 663 contracts of the Bosch i Gimpera Foundation

The UB is the only Spanish university that is a member of the League of European Research Universities. Many external international institutions recognize the leadership of the UB and place it in leading positions in the most prestigious rankings: according to the **Academic Ranking of World Universities 2024, the UB is one of the 200 best universities in the world.**

The UB ranks **53rd** among the 684 universities analyzed by the **QS Europe University Ranking** and is the **state leader**.



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Source: The UB in figures 2024

# Diagonal Health Axis: vigorous, proactive, interdisciplinary

**Integrates all the elements of a health value chain at the service of people**









# Barcelona Science Park

- The creation of the PCB was promoted by the University of Barcelona in the early 90s and the park **was founded in 1997**.
- The PCB is a foundation, in its Board of Trustees there are the following institutions:



## MISSION

The PCB's mission is to facilitate the generation and transmission of knowledge in **life sciences** and achieve results and impacts that contribute **to improving people's health**.

## VISION

It aims to be **a key reference in the global health ecosystem**.

## VALUES

- Communication
- Commitment
- Responsibility
- Passion
- Teamwork
- Sustainability



# Board of Trustees

## President

**Joan Guàrdia**

**Rector de la Universitat de Barcelona (UB)**



## First Vice President

**Joan Corominas**

**Presidente del Consell Social de la UB**



## Secretary

**Marina Solé**

**Secretaria General de la UB**



## Deputy Secretary (non-trustee)

**Miquel Amorós**

**Secretario del Consell Social de UB**



## Board Members representing the University of Barcelona

**Glòria Matalí**  
Gerenta

**Jordi Garcia Fernández**  
Vicerector de Investigación



**Raúl Ramos**  
Vicerector de Política  
de Internacionalización

## Board Member appointed by the Barcelona City Council

**Jordi Valls**

**Tinent d'Alcaldia de Economia, Hacienda  
y Promoción Económica**



## Board Members appointed by the Social Council of the University of Barcelona

**Fina Lladós**

**Juan Ignacio Jorquera**



**Isabel Amat**

## Board Members appointed by the Government of Catalonia

**Director general de  
Investigación**

**Javier Selva**  
Director general de Transferencia  
y Sociedad del Conocimiento



**Generalitat  
de Catalunya**

**Jaume Baró**  
Secretario de Empresa  
y Competitividad

## Board Member appointed by the Bosch i Gimpera Foundation

**Maria Teresa Plo**  
Gerenta



## Board Member appointed by the Spanish National Research Council (CSIC)

**Eloísa del Pino**  
Presidenta



# Buildings

The PCB provides users with 34,000 m<sup>2</sup> of office and laboratory space

## Parc Científic de Barcelona

8  
buildings

22.584m<sup>2</sup>  
of laboratories

11.319m<sup>2</sup>  
of offices

4.659m<sup>2</sup>  
for scientific services

2  
restaurants

1  
parking

3  
outside areas

15  
meeting rooms

3  
conference rooms





# *Laboratories, offices and unique spaces*



**Laboratories**



**Offices**



**Conference and networking spaces**



**Meeting rooms, courses and seminars**

# Wide range of scientific services

## Self-service-based equipment and facilities



Common Scientific Services



Radioactive Facility



Drosophila



Freezers and Cryotanks Storage

## Animal facility

2.600 m2 zoological core to offer benchmark services and facilities in research with live models.

The animal facility assesses, designs and develops projects for third parties in the areas of biomedicine and biotechnology.



Animal facility

## Other scientific infrastructure in the Parc

**cnag**

centre nacional d'anàlisi genòmica  
centro nacional de análisis genómico



INSTITUTE  
FOR RESEARCH  
IN BIOMEDICINE

**IBEC**

Institute for Bioengineering of Catalonia

**ibmb**  
INSTITUT DE BIOMÈDICA I BIOTECNOLÒGIA  
CSIC



**CCiTUB**

Centres Científics i Tecnològics  
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## Common Scientific Services

Centralised equipment and facilities to support research in order to guarantee flexibility and optimise resources.

- 1.370m2 of fully-equipped laboratory space on a self-service basis 24/7/365.
- Online equipment booking.
- Clean rooms: primary cultures, cell lines, yeast cultures and bacterial cultures.
- Centrifuge rooms: Benchtop, High speed/high capacity, ultracentrifuges and shaker incubators.
- Climatic chamber (37°C) with shaking platforms.
- Cold chambers, ultrafreezers and cryotanks.
- Histology room.
- Rooms with spectroscopic equipment.
- Microscopy rooms.
- Protein purification equipment laboratory.
- Cleaning and sterilisation service.



# The PCB Community

**3.442**

**Professionals**



**116**

**Organisations**

**86**

**Companies**

**9**

**Non-profit organisations**

**9 Research centres**

- Institute for Research in Biomedicine (IRB)
- Institute for Bioengineering of Catalonia (IBEC)
- Molecular Biology Institute of Barcelona (IBMB-CSIC)
- National Center for Genomic Analysis (CNAG)
- Institute of Cosmos Sciences (ICCUB)
- Institute for Biomedical Research August Pi i Sunyer (IDIBAPS)
- Institute for Global Health Barcelona (ISGlobal)
- Fraunhofer Spain
- Biobanc Vall d'Hebron (HUVH)

**12**

**University of Barcelona  
groups, units and services**

# Companies

## Biotechnology - Therapeutics and Diagnostics



Associated

## Medical Technology



Associated

## Cosmetics



Associated

## Biotechnology - R&D Services



Associated

## Pharma



## Food



Associated

## Professional Services and Consulting



## Supplier & Engineering



Associated



# Research Centers and other entities

## Research centres



## Non-profit organizations



## University of Barcelona groups, units and services



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> Biomolecular Analysis  
> Cytometry

> Cryo-Electron Microscopy  
> Polymorphism and Calorimetry Platform

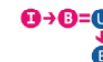
> Nuclear Magnetic Resonance  
> Genomics Unit

> Macrophage Biology Group  
> Biomolecular NMR

> Translational Immunology Group



Production and validation  
center of advanced therapies  
UNIVERSITAT DE BARCELONA



Institut de Biomedicina  
UNIVERSITAT DE BARCELONA



Bosch i Gimpera  
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# *ATPM Catalyst: support for advanced therapies startups*

- A 3-year program divided into 3 phases (basic research, proof of concept, and preclinical development), aimed at early-stage projects and advanced therapies startups.
- Incorporation of 6 projects each year.
- Mentoring, training, regulatory guidance, and connection with industry stakeholders.
- Acces to fully equipped laboratories.
- The Barcelona Science Park provides 125 m<sup>2</sup> of laboratories (individual and shared) with different discount rates at each phase.



# Sustainability in the corporate strategy of the PCB

The Park has incorporated sustainability into its corporate strategy and has approved a **Plan for the period 2022-2025** with a total of **20 projects and 44 actions** that impact the institution's activity and are based on **7 sustainable development goals** that the Park has identified as most relevant to its activity.

The sustainability strategy is communicated through a corporate website that outlines the actions of the plan, various indicators, implemented actions, and a collection of sustainability notes that are published weekly.



## Pla de Sostenibilitat 2022-2025



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# Revitalization of the PCB Community



## Networking

- Coffee Connection
- Influencers
- PCBakers
- PCBeers



## Training

- Acts, conferences and workshops: scientific, financial, entrepreneurship and legal

## Weekly newsletter

- Weekly delivery of the *T'interessa* bulletin with the main news from the Parc and its Community

## Leisure

- Yoga
- Urban garden
- Physiotherapy
- Children Science

## Contests

- Christmas Card Design Contest

# RESSÒ, Research in Society program

(R)  
RESSÒ

RESSÒ has been committed for 23 years to **inspiring scientific vocations and fostering critical thinking** among young people. It organizes **100 activities** involving **more than 5,000 students aged 10 to 18** from across the region. Additionally, the program **engages researchers** from the entities located in the Park, who are drivers of science in Catalonia.

## (T) TALLERS

 **10**  
Topics

 **88**  
Educational centers

 **91**  
Workshops

 **2516**  
Students

 **32**  
Researchers

 **205**  
Teachers

## (B) BATX2LAB

 **42**  
Students

 **40**  
Educational centers

 **40**  
Research projects

 **26**  
Researchers

## (M) MONÒLEGS

 **2370**  
Students

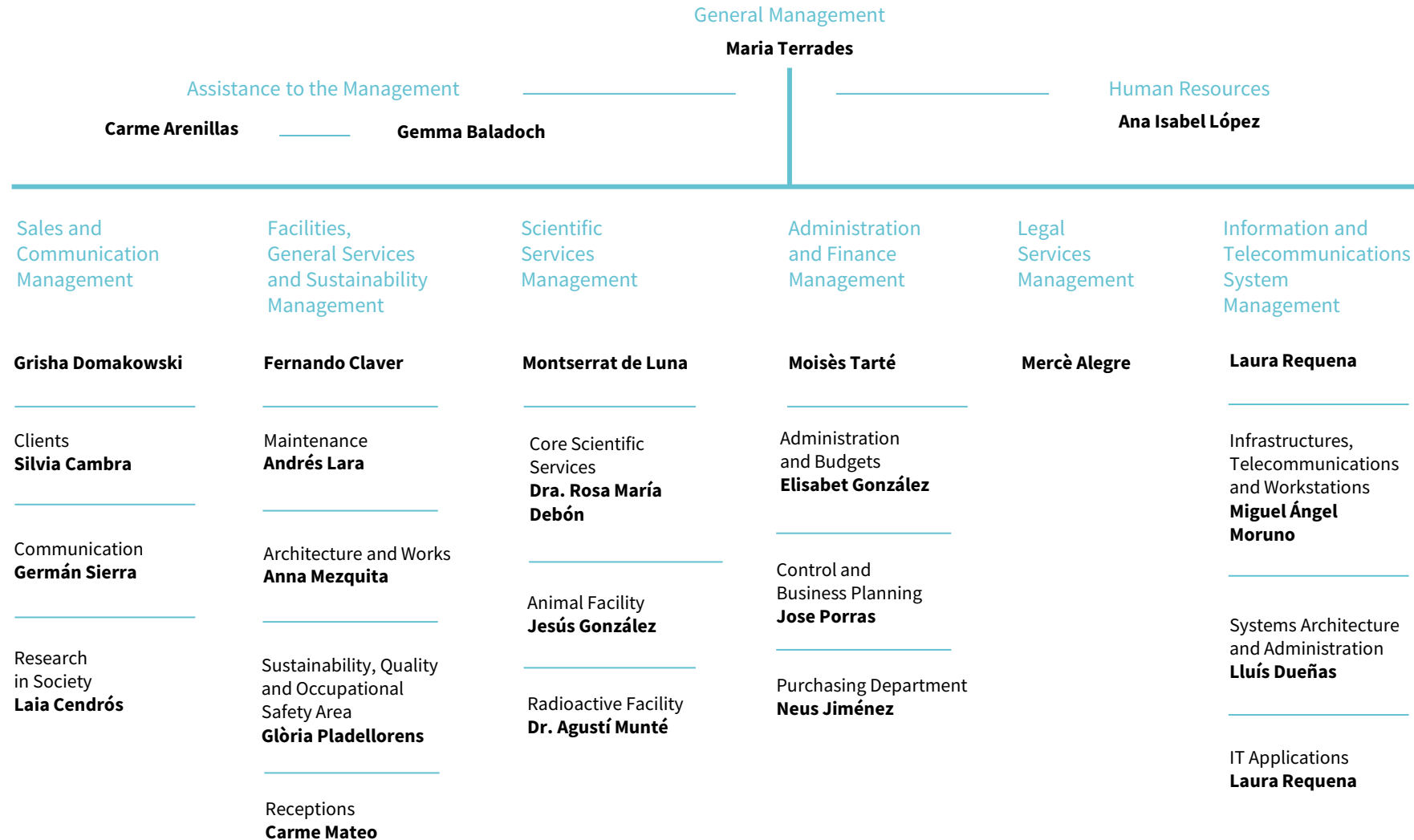
 **10**  
Activities

 **76**  
Educational centers

 **125**  
Teachers

 **86**  
Videos

# Organization chart







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