

Annual Report 2021—2022



Affiliated center



Universitat
Pompeu Fabra
Barcelona

GREETINGS

The 2021-2022 academic year was marked by the COVID-19 pandemic, just as it had been the previous year. This affected teaching activity, especially in the first terms. Subsequently, and as contagions were controlled, the TecnoCampus gradually recovered in-person activities in all areas. A good example of this was the completion of the graduation ceremonies in July, which were carried out as they had been prior to the pandemic. As Dr. Salvador Macip reminded us in the opening lecture of the course, COVID-19 may have been the first major global pandemic of the 21st century, but it will probably not be the last. It is therefore necessary for institutions like the TecnoCampus to be prepared for this type of eventuality. The truth is that the adoption of on-line or hybrid modes of learning was carried out quite quickly, as was the adoption of teleworking, which shows that we have a modern flexible institution, which is able to adapt to changing environments.

At the university level, it is worth noting the commitment towards getting the HUB4T permanent training centre up and running. The aim is to increase postgraduate and master's courses, as well as focused short-term courses and those that are most requested by companies.

Last year also demonstrated the capacity of the TecnoCampus to become a factor in attracting projects to the city; there was the agreement with Renfe to open an innovation centre in the field of mobility, as well as taking advantage of European projects to launch initiatives such as a 3D printing incubator.

So, the TecnoCampus as a whole can offer exactly what it was conceived for: to put Mataró on the map of university, technological and entrepreneurial cities. We must remain committed so that this engine of opportunities continues to work at full capacity.

David Bote
Mayor of Mataró and
President of the
TecnoCampus
Mataró-Maresme
Foundation



The 2021-2022 academic year was the beginning of the end of the COVID-19 pandemic, which has marked the activities of the TecnoCampus in recent years. Although we were certainly affected, the involvement of all the groups that make up this community has allowed us to come out of it with the satisfaction of having contributed to keeping both teaching and business activities running. The academic year came to a close with absolute normalisation with regard to teaching, but we must not forget the enormous efforts made in all areas - teachers, students, teaching support services, etc. to keep the classes running, even during the most complicated moments of the pandemic. It is also important to recognise the efforts of the business community in overcoming an enormously complex context for companies.

The post-pandemic will undoubtedly be challenging as a society, in an enormously complex socio-economic context. The TecnoCampus will do its bit, offering an increasingly broad scope of training programs, adapted to all ages and stages of career. In the field of business, we will continue to commit to a very comprehensive portfolio of services, in which we offer opportunities for creating economic activity in traditional sectors, such as textiles, and also in others which have appeared more recently, such as 3D.

In 2022, we will start to think about the next strategic plan for the TecnoCampus, once we have taken stock of this financial year. It will be time to enhance all those elements that turn the TecnoCampus into an engine for creating opportunities for the city, the region and the country as a whole.

Josep Lluís Checa
General Director
of the TecnoCampus
Mataró-Maresme
Foundation



TECNOCAMPUS IN NUMBERS

Academics

3

University schools

21

Official bachelor's and master's degree programmes

3,936

Students enrolled

91.7%

Students who apply to study at TecnoCampus as their first choice

119

Universities with which TecnoCampus has cooperation agreements

1,962

Internship offers published

Business and entrepreneurship

118

Hosted businesses

799

Workers employed at the park

21

Businesses in the incubator

437

Events held at the Conference Centre

76

Businesses created

The new unique centre

Throughout the twelve years that the TecnoCampus park has existed, there have been several phases of evolution in its operating structure. The Business and University areas have grown and transformed to meet the changing needs of a society in constant shift. Thus, the Business Area has been converted into the Transfer, Innovation and Business Area, with an increasing prominence in attracting competitive projects that want to contribute to transforming and modernising the productive fabric of the region.

2022 is a crucial year in this evolution with regard to the university area. The three university schools, all affiliated to Pompeu Fabra University, will be transformed into a single centre, the TecnoCampus University Centre. This centre will have a single academic director and will be structured into four departments that group together the regulated studies of the various fields of knowledge in which the TecnoCampus has specialised: cultural industries, technology, business and health. Simultaneously, 2022 has seen the launch of the TecnoCampus lifelong learning centre under the name of HUB4T, offering short and long-term postgraduate training.

The Board of Trustees of the TecnoCampus Mataró-Maresme Foundation has agreed on the creation of the unique centre in 2022, in agreement with the sponsoring university, the UPF. This change will come into being in 2023 and it paves the way for a greater interrelation between areas of knowledge, synergies in operation and a recognition in the Catalan university system of the unique model of the TecnoCampus: a technology park based on knowledge and a university centre for applied studies, oriented towards professionalisation, entrepreneurship and internationalisation.

School of Engineering and Technology

Department of **Technology**

Department of **Cultural Industries**

School of Business and Social Science

Department of **Business**

Escola Superior de Ciències de la Salut

Department of **Health**

TECHNO

In the 2021-22 academic year, TecnoCampus offered 17 official bachelor's degree and double degree programmes in the fields of technology, business and health, as well as 4 official master's degree programmes and 13 TecnoCampus-endorsed postgraduate and master's degree programmes. All have the quality guarantee of Pompeu Fabra University, Spain's top university according to the U-Multirank ranking.

3
university
schools

13
official
bachelor's
degree
programmes

4
official double
degree
programmes

4
official
master's
degree
programmes

13
TecnoCampus-
endorsed
postgraduate
and master's
degree
programmes

School of Engineering and Technology

Degrees

- Video Game Design and Production
- Industrial Electronic and Automatic Engineering
- Computer Engineering for Information System Management
- Industrial Organization Engineering
- Joint degree in Computer Engineering and Video Game Design and Production
- Mechanical Engineering
- Audiovisual Media
- Simultaneous studies: Automated Electronic Engineering + Mechanical Engineering
- Simultaneous studies: Video Game Design and Production + Audiovisual Media
- Simultaneous studies: Electronic Engineering + Computer Engineering

Postgraduate diplomas and master's degrees

- Master's degree in Industry 4.0
- Postgraduate diploma in Smart Manufacturing and Digital Business Transformation
- Postgraduate diploma in Development and Integration of Cyber-Physical Systems
- Development of Cyber-Physical Systems
- Integration of Cyber-Physical Systems
- Intelligent Manufacturing
- Digital Transformation of the Industrial Company

School of Business and Social Science

Degrees

- Business and Innovation Management (BIM)
- Business and Innovation Management (in English)
- Joint degree in BIM and Marketing and Digital Communities
- Logistics and Maritime Business
- Marketing and Digital Communities
- Joint degree in Tourism and Leisure Management and BIM

Postgraduate diplomas and master's degrees

- Master's degree in Entrepreneurship and Innovation
- Master's degree in Logistics, Supply Chain and Maritime Business
- Postgraduate diploma in Management of Social Economy Cooperatives and Companies
- Postgraduate diploma in Social Media and Digital Marketing

Escola Superior de Ciències de la Salut

Degrees

- Physical Activity and Sport Sciences
- Physiotherapy
- Joint degree in Physiotherapy and Physical Activity and Sport Sciences
- Nursing

Postgraduate diplomas and master's degrees

- Master's degree in Integrated Care in Chronic Diseases and Ageing

- Master's degree in Personal Training and Physical and Sport Rehabilitation
- Postgraduate diploma in Personal Care in the Surgical Process
- Postgraduate specialization in Complex Wound Patients: Chronic Wounds
- Postgraduate diploma in Personal Training and Physical and Sport Rehabilitation
- Postgraduate Course in Physiotherapy in Vestibular and Craniocervicomandibular Disorders

2021-2022
ACADEMIC YEAR
FEATURED ACTIVITIES

SEPTEMBER TRAINING COURSES FOR TOP DIGITAL PROFESSIONALS

The Department of Business and Labour at the Generalitat, via the Public Employment Service of Catalonia (SOC), awarded a dozen universities, Code Academies and professional training centres with the task carrying out 24 courses to train 500 professionals in top-level digital specialities. The TecnoCampus taught BackEnd Web Developer and FrontEnd Web Developer courses.

STUDENTS

The TecnoCampus has been consolidated as the main affiliated centre of Pompeu Fabra University, with nearly 4,000 students, which is the result of launching new degrees in recent years. It should be noted that almost nine out of ten new students have TecnoCampus as their first choice.

3,936

students enrolled

3,484

undergraduate students

89

university master's students

93

own master's and postgraduate degree students

270

permanent training students

MATARO
HUB4T

Master's training, postgraduate training and other types of continuing education courses are now grouped together in the new HUB4T lifelong learning centre from the 2021-22 academic year.

860

new bachelor's degree students

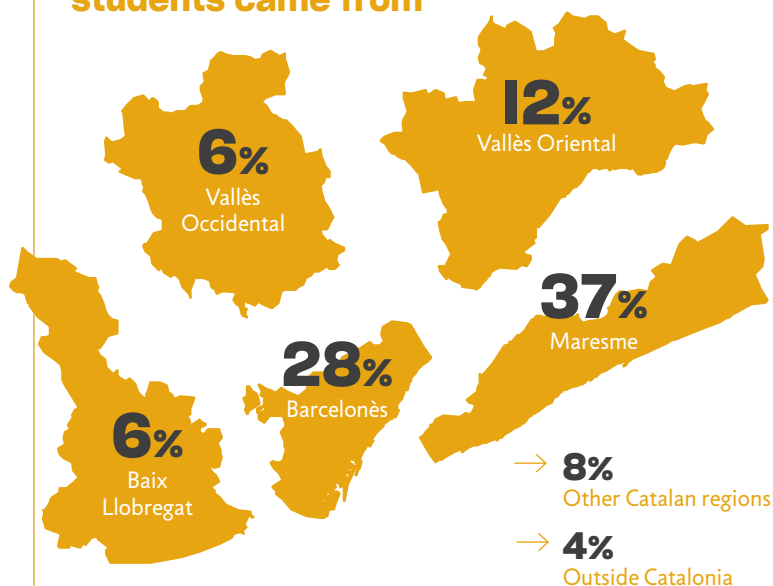
91.7%

bachelor's degree students who apply to TecnoCampus as their first choice

660

bachelor's degree students who graduated in the 2021-2022 academic year

Where our new bachelor's degree students came from

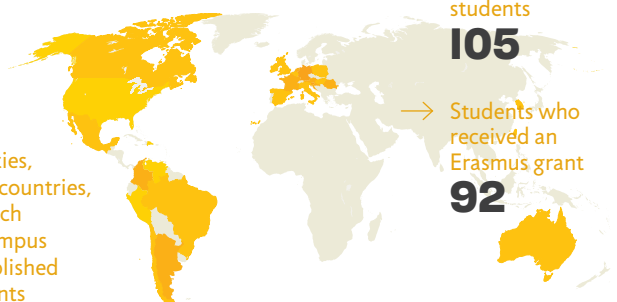


INTERNATIONAL MOBILITY

TecnoCampus university schools continue to embrace internationalization as a core feature of the university experience through cooperation agreements and scholarships to study abroad.

119

Universities, from 34 countries, with which TecnoCampus has established agreements



→ Incoming students
119

→ Outgoing students
105

→ Students who received an Erasmus grant
92

→ SICUE agreements
13

→ Erasmus agreements
85

→ Agreements with non-EU universities
24

OCTOBER LECTURE BY SALVADOR MACIP

UOC and University of Leicester professor Salvador Macip delivered the opening lecture for the 2021-2022 academic year. Macip made a comprehensive analysis of the management of the COVID-19 pandemic, which he described as "the first major pandemic of the 21st century".



NOVEMBER SOFTWARE TO DIAGNOSE DYSPHAGIA, WINNER OF THE CREATIC

Software based on artificial intelligence for the diagnosis of dysphagia took home the award with the largest prize at the Creatic Awards: the best business initiative in the field of technology and innovation.

CAREERS

Student job placement and cultivating links with companies are priority objectives for TecnoCampus.

1,962

internship offers published

639

job offers published

9

industry-specific talent forums

1,030

educational cooperation agreements signed

42

career guidance sessions

27

Skills programme sessions

VIRTUAL CAMPUS

Promotion of virtual learning spaces for face-to-face, blended and online studies.

1,495

virtual classrooms for bachelor's and master's degree subjects

108

videos produced as multimedia teaching materials

UNIVERSITY ORIENTATION

PAU (University Access Exams) support and procedures and university pre-registration: Mataró area headquarters of the Office for Access to the University

Fairs and open days

We make it possible for students from all over to study at our centre.

58

talks on university orientation

1,298

registered for the various information sessions of the April Open Days

Linnk Workshops

Workshops related to health, business or engineering.

106

workshops

2,917

registered from 43 centres in the various workshops

UNIVERSITY ENTREPRENEURSHIP

TecnoCampus students have participated in activities, programs and awards to promote responsible entrepreneurship and intrapreneurship.

Entrepreneurial Breakfasts

92

participants

Meeting point for students and entrepreneurial alumni of the TecnoCampus, on the last Monday of each month.

Pre-incubator

17

projects

48

participants

Free program for locating and supporting university entrepreneurship projects. It offers a workspace in a business environment, personalised support and a network of contacts.

Som Hackathon

31

participants

It highlights the circular economy by building transformative technological solutions that help migrate towards a sustainable growth model.

International Network of Entrepreneurial Universities

The network is made up of eight universities from Argentina, Chile, Peru and Colombia, in addition to the TecnoCampus, which share the same vision of responsible entrepreneurship, innovation and territorial development.

Programs and events

TecnoCampus students participated in the 4YFN (Mobile World Congress), Dream Big Challenge TCM, Impacto Mayor (virtual challenge of Universidad Mayor de Chile), APE International Bootcamp in Germany and the Start for Future European Program.

Creatic Award for University Entrepreneurship

Winning project: Ohlechef, Gastronomic Experiences Online

Presented by students Lam Pau Aparici and Iñaki Ureta, from Business Administration and Innovation Management.

DECEMBER PIONEERING CONGRESS ON VIDEO GAMES

The International Congress of DiGRA Spain (DiGRAES21) from December 14 to 17, organised by the Ludic Culture and Technology research group of the TecnoCampus and the ITACA research group of the Jaume I University of Castelló, aims to be the meeting point for research groups and doctoral students investigating the phenomenon of gaming.



JANUARY RECOGNITION FOR THE BEST ACADEMIC RECORDS

Les Beques Talent són una iniciativa de la Universitat Pompeu Fabra i el TecnoCampus. Es van atorgar a setze nois i noies que tenen els millors expedients acadèmics en els estudis de secundària d'entre tots els que van iniciar estudis de grau el curs 2021-22.

SCHOLARSHIPS

82

TecnoCampus scholarships for undergraduate students

151

grants awarded by the Generalitat

657

scholarships from the Ministry of Education and Vocational Training

14

scholarships for high-level athletes from the TecnoCampus and sports clubs

12

On the Move scholarships for students with exchange and mobility places

6

scholarships granted by companies (Aqua Hotel and FecunMed)

€ 706,105

allocated by TecnoCampus to scholarships and grants

16

Talent grants

77

COVID-19 grants

UNIVERSITY LIFE

University sport

171

students have become members of the new Tecno-Campus Sports Club

44

students have participated and won medals in inter-university competitions in Catalonia

Benefits Club

351

suppliers

448

active offers

TecnoCampus Students' Association

288

new member registrations

2

student associations

13

commissions in total

Debate League

Activity in which university teams perfected public speaking and competed with each other.

7

participating students

RESEARCH

One of the purposes of the TecnoCampus is to develop research, understood as the academic activity focused on the generation of knowledge, with special emphasis on the transfer of knowledge to the company and society.

8

research groups

3

university-company chairs

93

PdIs (research and teaching staff) linked to research groups

90

scientific publications

61

publications in JCR journals

Research groups and chairs

Health and Wellbeing

- Research Group in Attention to Chronicity and Innovation in Health (GRACIS)
- Research Group on Physical Activity, Performance and Health (AFIRS)
- Ageing and Quality of Life Chair

Technology

- Signal and Data Processing Research Group
- FI4.0 Research Group. Intelligent Manufacturing and Industrial Innovation

Business

- Applied Research Group in the Financial, Economic and Social Environment (GRAEFES)
- Chair of Social Economy
- Circular Economy Cultural

Cultural Industries

- Ludic Culture and Technology Research Group (CTL)
- Narratives of Resistance Research Group (NARDERES)
- Sound, Silence, Image and Technology Research Group (SSIT)

Projects obtained by the TecnoCampus Foundation

47

projects granted

€ 2.036.692

of financing obtained

30

research, transfer and scientific culture

6

in the educational field

11

offering support for business and entrepreneurship

FEBRUARY THE TECNOCAMPUS SPORTS CLUB IS LAUNCHED

On February 8, the City Council and the TecnoCampus signed a framework agreement for the creation of the TecnoCampus Sports Club with the aim of promoting sport and healthy habits among the university community. Within the framework of this agreement, different entities and sports clubs of the city have pledged to offer their services to university students with favourable conditions.

MARCH PRESENTATION OF THE NEW LIFELONG LEARNING BRAND, HUB4T

The entire offering of master's, postgraduates and own degrees is grouped under this term, as well as the selection of short courses or those designed ad hoc for companies. The TecnoCampus HUB4T is aimed at professionals, companies and organisations and endeavours to contribute to lifelong learning and become the benchmark permanent training centre in the area with an international focus.

BUSINESS

Being a lever for economic and social development, the TecnoCampus manages programs which promote entrepreneurship and sustainable business growth, aligned with strategies of transformation of the local area. The park, which is running at full capacity hosting 118 companies, is becoming the TecnoCampus district, and continues to represent an engine of economic activity with great dynamism.

EN

118

hosted
businesses

799

workers employed
by the park's businesses

93%

park
occupancy

21

businesses in
the Incubator

4

hosted
institutions

- Pimec
- Barcelona Chamber of Commerce
- Fagem
- Gentic

ENTREPRENEURSHIP

Services for entrepreneurs

Comprehensive support for entrepreneurs, through a wide portfolio of resources to facilitate the creation of new, sustainable companies that generate quality employment.

36

training
sessions

576

entrepreneurs
assisted

76

companies
created, which
have involved
an investment
of €1,607,987
and 106 jobs
created

Business Help Desk

The Business Help Desk (PAE) has established itself as a very popular resource among new entrepreneurs. It offers a quick and cost-effective service of the procedures of formalisation for company incorporation and termination of activity.

46

businesses
set



Creatic Awards 2021

WINNING PROJECTS

Creatic Award 2021 for the best business initiative in the field of technology and innovation
AIMS-OD

Creative Award 2021 for the best project with social impact
Organic

Creative 2021 Award for the best initiative led by women
Datali Group

Best project of university entrepreneurship
Ohlechef

Best entrepreneurial project in the field of Professional Training
The Coffice Mataró

Conference Centre

437

events held

29,635

attendees



APRIL RENFE CHOOSES THE TECNOCAMPUS TO LOCATE AN INNOVATION CENTRE

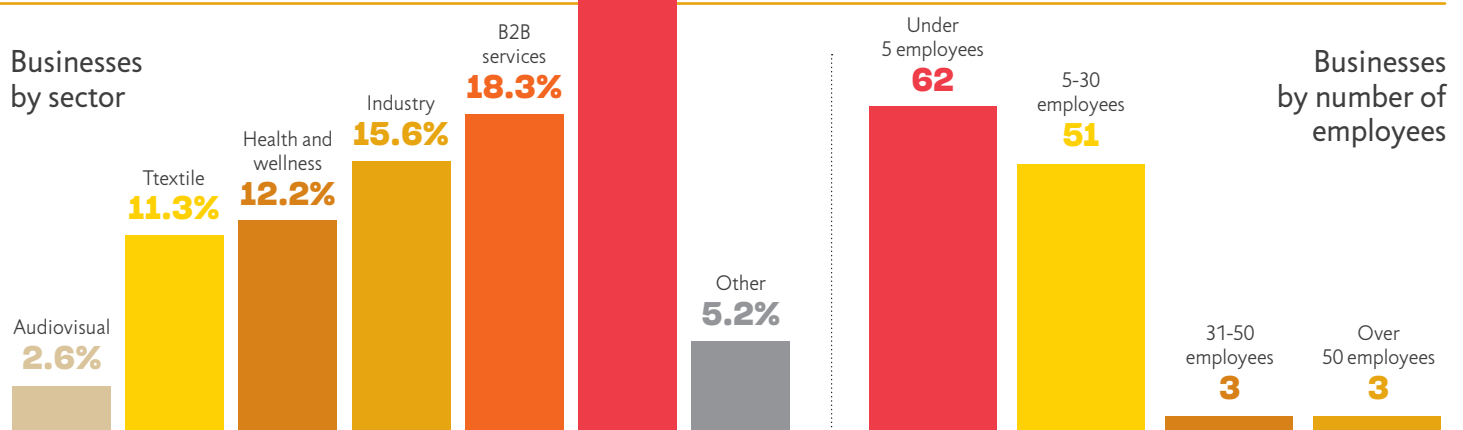
Renfe, the Mataró City Council and the TecnoCampus are collaborating on this initiative to develop railway innovation solutions and projects together with members of the innovative ecosystem (startups). The centre will have its head office at the TecnoCampus.



MAY MATARÓ HOSTS MOBILE WEEK EVENTS

The TecnoCampus was the venue for the inaugural event, with a presentation by Simona Levi, theatre director, playwright, techno-political strategist, activist and teacher, who addressed the issue of rights and responsibilities in the digital world. In the framework of the Urban Agenda 2030 strategy, after the talk the debate "Smart cities: digital rights and responsibilities" was held.

TREPRENEURSHIP



BUSINESS GROWTH SERVICES

Orientation service and strategic and financial advice for the growth and business consolidation of startups and SMEs based in the park and locally. We connect companies with public and private funding providers.

225 companies advised
€ 2,422,500 funding raised

Signing of a new agreement with Banc Sabadell and an addendum with Microbank.

Launch of the new collection page for grants and subsidies for companies and freelancers on the TecnoCampus website.

2,500 visits
700 visitors

Acceleration programmes

Starthealth. Second edition of the business acceleration program in the health sector, Starthealth, with 10 participating startups.

Reimagine Textile. Fifth edition of the high-performance entrepreneurship program with 15 participating projects. 19 startups have been part of the Business Projects Incubator.

Go Global Program

Internationalisation support service with expert professionals accredited by TecnoCampus. Network of international parks in Europe, the USA and South America to support business landings. In 2021, two new collaboration agreements have been signed with the Tecnovates park (Brazil) and with the EU SME Centre (China).

Reempresa

83 negotiation processes with 10 cases successfully concluded, which led to maintaining 30 jobs.

Cooperatèxtil

New digital platform that connects supply and demand for local textile production. 1,500 registered users.

Advice on ways to access public R+D+I funds

Support for companies with innovative or research projects. 12 participating companies.

JUNE PREMIERE OF THE FEATURE FILM 'NEMESIS'

The project was promoted in the 2018-19 academic year by final year students of the Audiovisual Media degree as part of their final degree project. Alumni and teachers from the centre joined in and filming took place in August and September 2019 for 26 days, in more than 35 locations in the Maresme. The crew was complemented by students from the EADIModa and Thuya schools in Barcelona.

JULY THE "LLOQUEM!" PROJECT WINS THE EUROPEAN RESPONSIBLE HOUSING AWARDS

The project "Lloquem!" (Yes, We Rent!) which is bringing about a transformation of the housing rental market, promoted by Mataró City Council with the participation of TecnoCampus, won the award in the fair financing category for affordable housing in Helsinki, at the 3rd Festival Social Housing International.

THE FOUNDATION

The TecnoCampus Mataró-Maresme Foundation is the organization created by the Mataró City Council to oversee the TecnoCampus project from the start. Since the inauguration of the new facilities in 2010, TecnoCampus has undergone constant growth both economically and in terms of the number of people who work there. Pompeu Fabra University is the keystone institution with regard to the university studies.



Teaching and research staff

117

School of Engineering and Technology

89

School of Social and Business Sciences

122

School of Health Sciences

328

Total

Administrative and service staff

19

Business services

40

University services

39

General services

98

Total

Staff by gender

50%

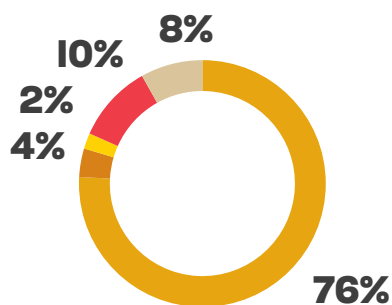
Women

50%

Men

Income

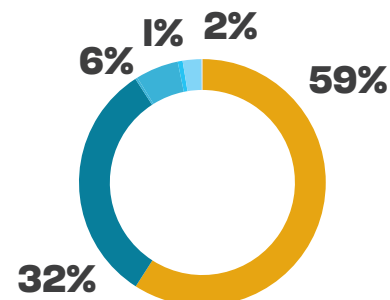
22.7 M€



- State-regulated education
€ 17,214,503
- Continuing education
€ 847,534
- Business services
€ 467,877
- Other income
€ 2,320,811
- Grants
€ 1,844,527
- Financial income
€ 33

Expenses

22.7 M€



- Staff
€ 13,397,249
- Outside services
€ 7,205,813
- Taxes
€ 65,398
- Grants awarded
€ 1,278,782
- Bad debt, impairment
€ 145,869
- Depreciation
€ 559,658
- Financial expenses
€ 22,896

Accounts audited by
Faura Casas, Auditors Consultors, SL

GOVERNING AND MANAGEMENT BODIES

july 31st
2022

Board

Governing body

President

David Bote Paz
Mayor of Mataró

Vice president by municipal designation

Alícia Romero Llano
Mataró City Council

Vice president by county designation

Joaquim Arnó Porras
Maresme Regional Council

Members

Representatives of Mataró
City Council
Anna Caballero Torres
Cristina Sancho Rodríguez
Pilar González-Agàpito
Dolors Guillén Mena
José Manuel López González
Sergi Morales Díaz
Carles Porta Torres
Francesc Teixidó i Pont

Representatives of business
organizations

Iluro Foundation
Jordi Surinyach i Romans

FAGEM
Roser Moré Roy

PIMEC
Joan Pera Gallemí
Pompeu Fabra University
David Sancho Royo

Union representatives

CCOO
Juan Giménez López

UGT
Enric Benito Casas

EURECAT Foundation
Jaume Ferrús i Estopà

TecnoCampus Senate
Joaquim Esperalba Iglesias
Andreu Comajuncosas Fortuño
Antoni Aguilar Vidal

EPEL Parc TecnoCampus Mataró
Noèlia Rodríguez Clavellina

Representative nominated
by the president
Ramon Cunillera Grañó

GENTIC
Albert Cortada Manchado

Non-voting participants

Secretary
Pedro Alcántara-Garcia Briones

Vice secretary
Javier Alcántara-Garcia Ferrero

Mataró City Council
Josep Canal Codina
(until 18/6/22)

Josep M. Rota Serra
(19/6/22 - 7/7/22)

Josep Barberà i Boix
(from 18/7/22)

**General manager, Mataró
City Council**
Antonio Merino Orejón

TecnoCampus General director
Josep Lluís Checa López

Standing Committee

Management body

David Bote Paz
President

Josep Lluís Checa López
General director

Alícia Romero Llano
Joaquim Esperalba Iglesias
Francesc Teixidó i Pont
Sergi Morales Díaz
Antonio Merino Orejón
Appointed by the president

Senate

Advisory body

President

Joaquim Esperalba Iglesias
Elected by the Senate members

Vice presidents

Andreu Comajuncosas Fortuño
Antoni Aguilar Vidal
Elected by the Senate members

Members

Isabel Esparrell del Prado
Carles Fillat Riberas
Gisela Vila Julià
Carme Rosell Moreno
Members from the permanent
teaching and research staff and
administrative and service staff

Jordi Bertran Vaqué
Ulises Agudo Torrijos
Maria Ballesta Alba
Sergi Cuduñet Marsal
Members from the
TecnoCampus student body
and alumni community

Xavier Camps Casas
Juan Carbonell Junyent
Daniel Martín Ruíz
Members from businesses
and institutions linked to
the Foundation

Pilar González-Agàpito
Josep Comas Valls
Xantal Oller Soler
Prominent local figures

Steering Committee

Executive body

Josep Lluís Checa López
General director

Ester Bernadó Mansilla
Director, School of
Engineering and Technology

Josep M. Raya Vilchez
Director, School of Social
and Business Sciences

Carme Rosell Moreno
Director, School of
Health Sciences

Montserrat Vilalta Ferrer
Director, University
Projects and Services

Claudia Danesi Carreras
Director, Business and
Entrepreneurship

M. José Ortuño Siles
Director, Administration
and Finances

Dúnia Alzaga Buixó
Director, General
Secretary's Office

Xavier Vives Arancón
Director, Human Resources

Joan Gil López
Director, Core Services

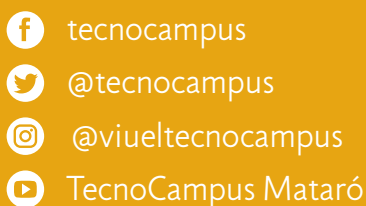
TecnoCampus brings together academia and business in a single space devoted to innovation and entrepreneurship. Based in the Catalan city of Mataró, 20 kilometres outside Barcelona, TecnoCampus aspires to be a national and international project and a powerful driver of regional economic and social transformation.



Affiliated center



www.tecnocampus.cat



Fundació TecnoCampus
Mataró-Maresme
Avinguda d'Ernest Lluch, 32
08302 Mataró (Barcelona)
Tel. 93 169 65 01