

Annual Report 2017 – 2018



Affiliated centers



Universitat
Pompeu Fabra
Barcelona

Introduction

Mataró City Council first conceived of TecnoCampus in the 1990s, as a new economic hub linked to technology and knowledge. As the numbers from the 2017-2018 annual report show, many of the initial objectives have already been achieved. TecnoCampus is a unique project, recognized throughout the country, home to more than 3,500 university students and 118 companies. In the coming years, we aim to strengthen the link between TecnoCampus and the city and its area of influence, as well as with society and industry, with a view to making it an even more powerful driver of economic activity and job creation. We believe in this project more than ever, and I would like to thank all the people who work at the institution, and all the companies and students who have placed their trust in us, for their daily efforts to tackle the challenges ahead. The implementation of the TecnoCampus 2022 Strategic Plan, aligned with the Mataró 2022 plan, is an opportunity to deepen all the aspects that have made TecnoCampus such a success: entrepreneurship, a regional connection and knowledge transfer.

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



On 23 July 2018 the TecnoCampus Mataró-Maresme Foundation's Board approved my appointment as general director. In this introductory text, I would like to thank my predecessor in the position, Jaume Teodoro, for his hard work at the helm of the organization in recent years, together with all the organization's people.

The institution's figures are very strong and bear witness to the wisdom of making the commitment this project represented.

The goal for the coming years will be to remain faithful to our mission to serve society, helping to generate and transmit knowledge, support entrepreneurs and, ultimately, create economic and social wealth. We face the challenge of consolidating the project and taking it one step further. To achieve this, we have the entire TecnoCampus team and, especially, the support of our students, companies and institutions. This includes, in particular, our leading academic partner, Pompeu Fabra University, with which our university schools are affiliated.

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



TecnoCampus in numbers

Academics

3

University schools

18

Official bachelor's and master's degree programmes

3,535

Students enrolled

91%

Students who apply to study at TecnoCampus as their first choice

111

Universities with which TecnoCampus has cooperation agreements

1,819

Internship offers published

Business and entrepreneurship

118

Hosted businesses

823

Workers employed at the park

21

Businesses in the incubator

407

Events held at the Conference Centre

67

Businesses created

TecnoCampus

Mission

Contribute to the economic and social growth of the territory linked to Mataró and Maresme, through an integral model of knowledge generation, training, business, and innovation. In order to do this, two central objective types are assumed:

- Consolidate an offer of higher education that is highly professional and committed to the development of the people who make up the TecnoCampus community.
- To manage a technological and entrepreneurial park that helps to improve the competitiveness of companies, innovation, and internationalization, while becoming a link of the relationship between the university and the company.

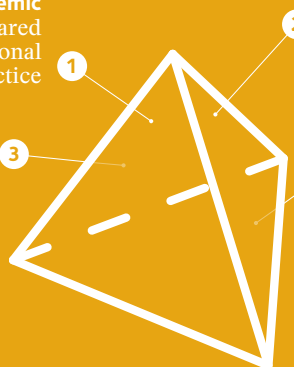
Vision

To be a model of reference in the national and international scope in the interrelation between the university and the company. Do it through a quality educational experience connected to the business world, thus consolidating TecnoCampus as an instrument of transformation and economic and social development of the territory linked to Mataró and Maresme

TecnoCampus 2022 Strategic Plan

Quality academic model, highly geared towards professional practice

Driving force behind **local economic development** and innovation



Evolution of the park concept towards the **TecnoCampus district**

Approach to **funding** and organization consistent with challenges

Values

Rigor

Commitment to quality, rigor and professionalism in teaching, entrepreneurship and business services, in order to become a reference model.

Proximity

Consolidation as an economic engine and social impact with the commitment to respond to the challenges that arise, positioning students and users as the center of academic and professional activity to establish a model of close and trustworthy relationship.

Social commitment

Commitment as a Foundation to contribute actively to the economic and social improvement, through a management based on ethics, equity, sustainability and the realization of actions and initiatives that have a significant impact on social progress.

Transparency

Recognition as an organization with its own organizational capacity and committed to the institutions and the rigor in the fulfillment of the objectives set, as well as in the review of the results obtained.

Innovation and entrepreneurship

Ability to adapt to a dynamic and competitive environment in order to position itself as a reference institution thanks to talent and creativity.

TecnoCampus Community

The responsibility of the Foundation to train people and professionals who constitute a cohesive community in a framework of equality, gender equity, flexibility and transversality that ensures the generation of opportunities and the transmission of their own values, as well as the promotion of styles Healthy living for members of the university community.

University studies

In the 2017-2018 academic year, TecnoCampus offered 16 official bachelor's degree and double degree programmes in the fields of technology, business and health, as well as 2 official master's degree programmes and 11 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

2

Official master's degree programmes

12

Official bachelor's degree programmes

11

TecnoCampus-endorsed postgraduate and master's degree programmes

4

Official double degree programmes

School of Engineering and Technology

DEGREES

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

POSTGRADUATE DIPLOMAS AND MASTER'S DEGREES

- Master's degree in Industry 4.0
- Postgraduate diploma in Scriptwriting and Directing
- Postgraduate diploma in Development and Integration of Cyber-Physical Systems

School of Business and Social Science

DEGREES

- Business and Innovation Management (BIM)
- Joint degree in BIM and Marketing and Digital Communities
- Business and Innovation Management (in English)
- 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
- Postgraduate diploma in Social Media and Digital Marketing
- Postgraduate diploma in Financial Accounting
- Postgraduate diploma in Management of Social Economy Cooperatives and Companies

School of Health Sciences

DEGREES

- Physical Activity and Sport Sciences (PASS)
- Physiotherapy
- Joint degree in Physiotherapy and PASS
- 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
- Master's degree in Care for Persons in Urgent and/or Emergency Situations
- Postgraduate specialization in Complex Wound Patients: Chronic Wounds
- Postgraduate diploma in Personal Care in the Surgical Process
- Postgraduate diploma in Management, Treatment and Monitoring of Chronic Diseases

2017 - 2018
ACADEMIC YEAR
FEATURED
ACTIVITIES

September 2017

Twelve start-ups participate in Fashioneers, TecnoCampus's first textile accelerator

Radio TecnoCampus starts broadcasting.



October 2017

TecnoCampus's new urban health park opens to the public.



Students

TecnoCampus has established itself as Pompeu Fabra University's main affiliated centre, with more than 3,500 students, due to the introduction of new programmes in recent years. Nine out of ten incoming students apply to TecnoCampus as their first choice.

3,535

Students enrolled

913

New bachelor's degree students

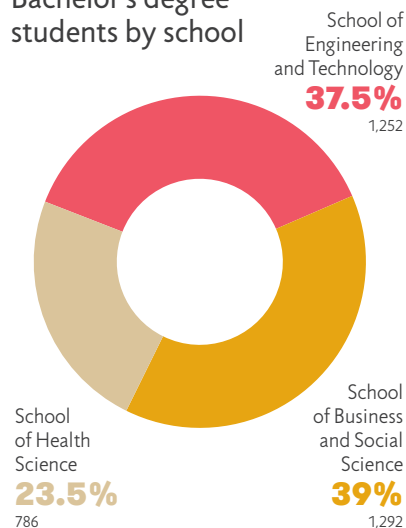
657

Bachelor's degree programme graduates

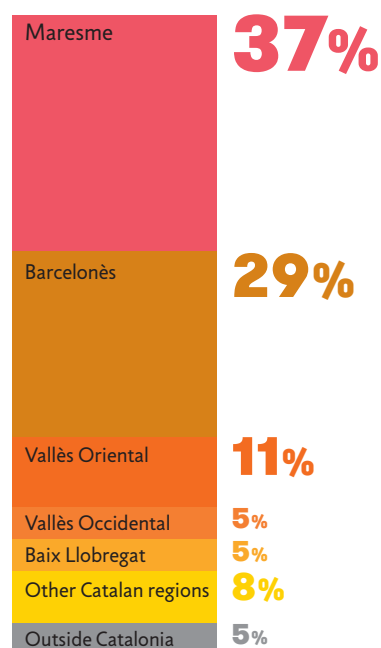
91%

Bachelor's degree students who apply to study at TecnoCampus as their first choice

Bachelor's degree students by school



Where our new bachelor's degree students came from



TecnoCampus scholarships

Grants for undergraduate studies

2013-2014

11

2014-2015

21

2015-2016

35

2016-2017

46

2017-2018

58

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.

111

Universities, from 33 countries, with which TecnoCampus has established agreements

13

Spanish University Exchange System (SICUE) agreements with Spanish universities

86

Erasmus agreements with EU universities

22

Agreements with non-EU universities

102

Incoming students

71

Outgoing students

12

Students who received an On the Move grant

November 2017

Epinium wins the Creatic 2017 award for best start-up, for an innovative e-commerce analysis tool.

Student Miguel Giménez wins the UPF Emprèn award for a project about biometric technology.

December 2017

The Weekend Challenge brings together some 60 students interested in entrepreneurship and innovation.

More than 400 people participate in the charity walk for the Marató de TV3 fundraiser.

January 2018

The Explorer entrepreneurship programme is launched, aimed at young entrepreneurs.



Careers

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

1,819

Internship offers published

454

Job offers published

913

Educational cooperation agreements established

23

Skills programme sessions

8

Industry-specific talent forums

41

Career guidance sessions

Virtual campus

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

1,102

Virtual classrooms corresponding to bachelor's and master's degree subjects

52

Videos produced as multimedia teaching materials

University guidance

Activities aimed at secondary schools to support teaching and promote the bachelor's degree programmes.

Linnk Workshops

Workshops on health, business and engineering, TecnoCampus's areas of specialization.

140

Linnk Workshops run

3,416

Participants

56

Schools

Fairs and open days

We tell students from far and wide about the option of studying at TecnoCampus.

12

University guidance fairs and events

23

Informative university guidance talks

2,642

Students attended to at the Saló de l'Ensenyament education fair

704

Students attended to during the TecnoCampus Open Day

University entrepreneurship

TecnoCampus students have participated in awards, conferences and programmes to promote entrepreneurial initiatives.



The third edition of the University Debating League focuses on the limits of humour.

February 2018

The number of AGAUR-recognized TecnoCampus research groups increases from 2 to 5.

An app to encourage people to walk more wins the second edition of the Som Hackathon.

March 2018

International Women's Day brings calls for more education, reconciliation and equality.

The bachelor's degree programme in Audiovisual Media is present at the FineArt Igualada photography festival.

April 2018

Kenko health accelerator launches with five start-ups.

K E N K O
Acceleradora d'start-ups de salut
TecnoCampus

University life



University sport

305

Students registered for the sport pass

22

Medal winners at university sport championships

189

Students who participated in the football championships

Benefits Club

350

Suppliers

TecnoCampus Students' Association

2,600

Students who participated in the university celebrations over the academic year

12

Committees

Solidarity

400

Participants in the TecnoCampus charity walk for the Marató de TV3 fundraiser

4,200

Euros raised



Research

21

Papers presented at research conferences

34

Publications in indexed journals

Recognized research groups

School of Engineering and Technology

- Research Group on Alternative and Renewable Energy, Sustainability, Energy Efficiency and Industrial Technological Innovation (GRESIT)
- Resistance Narratives Research Group (NardeRes)
- Sound, Silence, Image and Technology Research Group (SSIT)
- Signal and Data Processing Group

School of Social and Business Sciences

- Group for Applied Research in the Financial, Economic and Social Environment (GRAEFES)

School of Health Sciences

- Research Group on Care for Chronicity and Innovation in Health (GRACIS)
- Research Group on Physical Activity, Performance and Health (AFIRS)

Healthy Campus initiative

Around 30 activities and dynamics were organized to encourage healthy habits among the university community.

Campus Innovation Day

35 students participated in an event to collaboratively improve student services.

Debating League

The TecnoCampus team made it to the final round of the UPF Debating League and won the award for best speaker.



TecnoCampus unveils a new bachelor's degree programme in Industrial Organization at the Saló de l'Ensenyament education fair.

May 2018

TecnoCampus and the Mataró City Council receive awards from the Barcelona provincial government for the Reempresa programme.



Professor Ester Bernadó is named new director of the School of Engineering and Technology.



The Ocitur 2018 conference calls for sustainable tourism that respects destinations.

Business and entrepreneurship

TecnoCampus runs programmes to support entrepreneurship, internationalization, innovation and the search for funding. The park, which hosts around 120 businesses, is fully occupied and is a driver of economic activity in the region.

118

Hosted businesses

823

Workers employed by the park's businesses

98%

Park occupancy

21

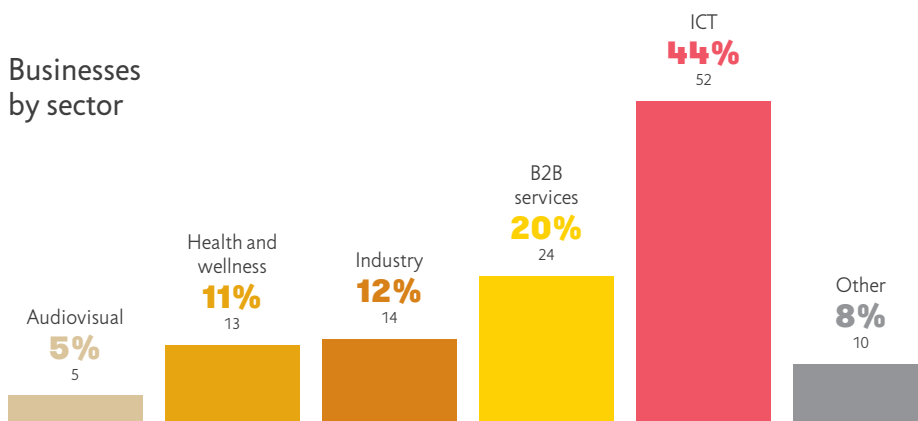
Businesses in the incubator

4

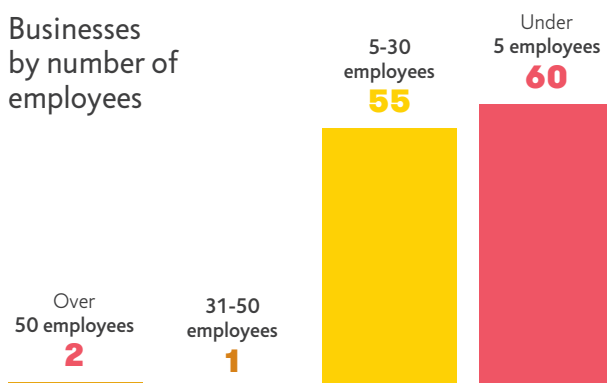
Hosted institutions:

- Pimec
- Barcelona Chamber of Commerce (Maresme branch)
- Fagem
- Gentic

Businesses by sector



Businesses by number of employees



The park's businesses are mainly SMEs, and they chiefly operate in technology-related sectors.

Conference Centre

407

Events held

27,000

Attendees



June 2018

A hundred people sign up for the Xnerpic Summer Campus on robotics, video games and 3D animation.



Nursing students participate in a training action at the Wad-Ras women's prison in Barcelona.

Twelve students receive On the Move grants to study outside the EU.

A total of 23 TecnoCampus students participate in university sport championships.

The 1st TecnoCampus University Entrepreneurship Conference, a meeting point for Catalan universities, is held.

Entrepreneurship

Services for entrepreneurs

A value-added resource hub offering comprehensive support for entrepreneurs to help them turn their ideas into viable and competitive projects on the market.

524

Entrepreneurs assisted

67

Businesses created

78

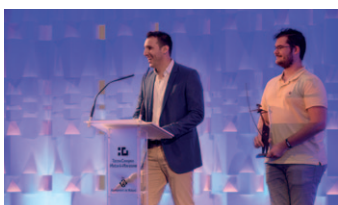
Training sessions

Business Help Desk

March 2018 saw the inauguration of the Business Help Desk (PAE), offering entrepreneurs an agile, affordable service to help them set up and register their business.

23

Businesses set up



Entrepreneurship and Innovation Night

Business gathering to mark the 17th edition of the Creatic Awards and to recognize the most innovative regional businesses with Innovation Awards.

2017 Creatic Awards. Winning projects

IDEA CATEGORY

1ST PRIZE - €5,000

Thumblock

Lock using biometric technology to enhance device security.

2ND PRIZE - €3,000

Diari Bitxos

Children's newspaper.

HONOURABLE MENTION

Global Player

Digital platform to connect football players and clubs.

START-UP CATEGORY

1ST PRIZE - €5,000

Epinium

Real-time market research platform using big data and artificial intelligence.

2ND PRIZE - €3,000

Supervision

App to prevent visual impairments in children due to misuse of mobile devices (smartphones and tablets).

Business growth services

Oficina Mataró Empresa

A one-stop shop for businesses, centralizing processes and services. The project involves the Barcelona Chamber of Commerce, the PIMEC employers' association and the FAGEM business association.

2,158

Municipal procedures carried out

552

Business licences processed

Go Global programme

July 2018 saw the end of the first edition, with nine participating businesses. The second edition was launched in September 2018, with six participating businesses.

International Business Network

Platform for sharing knowledge and experience with internationalization. Three meet-ups have been held, on the French, German and Colombian markets, with the participation of more than 40 companies.

Reempresa programme

Entrepreneurship programme to promote the continuity of economically viable businesses seeking a change in ownership and management. In 2017, TecnoCampus handled 39 cases of businesses whose owners were looking for someone to take over for them, attended to 61 re-entrepreneurs and facilitated 12 successful handoffs.

Sectoral acceleration programmes

New sectoral business accelerator programmes have been launched in the fields of health (Kenko), with 5 start-ups, and textiles (Reimagine Textile), with 16 start-ups.

CooperaTèxtil

Digital platform featuring a classified directory of Mataró's textile production services. Some 437 textile service companies and studios have joined so far; a total of 82 manufacturing orders were processed in 2017.

July 2018

The TecnoCampus Mataró-Maresme Foundation's Board appoints Josep Lluís Checa as the new general director.



Josep Maria Raya is named new director of the School of Social and Business Sciences.

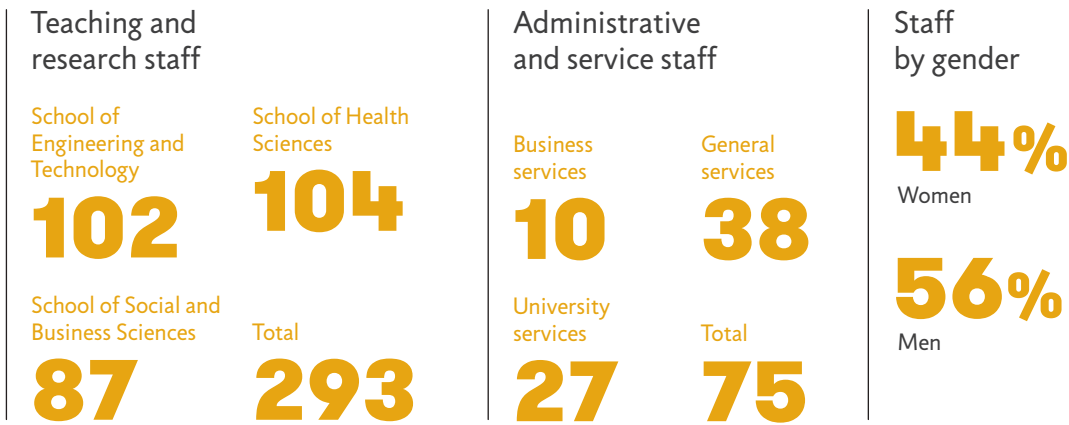
TecnoCampus teaching staff participate in the 10th International Conference on University Teaching and Innovation.

First meeting of the Industry 4.0 seminars.

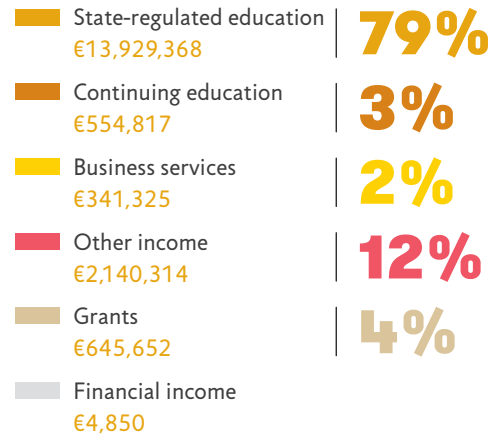
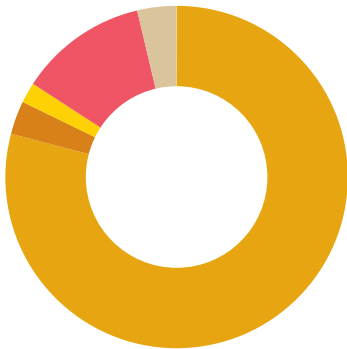
TecnoCampus hosts the 39th edition of the Maresme Summer School.

The Foundation

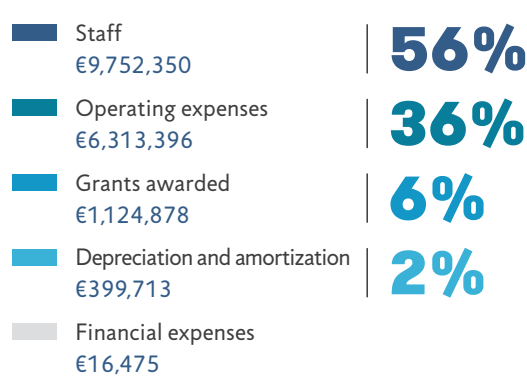
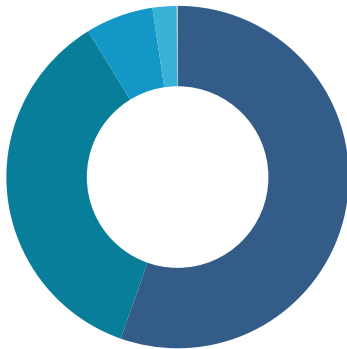
The TecnoCampus Mataró-Maresme Foundation is the organization created by the Mataró City Council to oversee the TecnoCampus project from the start. Since the inauguration of the new facilities in 2010, TecnoCampus has undergone constant growth both economically and in terms of the number of people who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



Income
17.6 M€



Expenses
17.6 M€



Governing and management bodies

Board Governing body

President

David Bote Paz
Mayor of Mataró

Vice presidents

Alicia Romero Llano
Member of the Parliament of Catalonia (municipal appointment)

Montserrat Garrido Romera
Vice president, Maresme Regional Council (regional appointment)

Members

Mercè Bosch Pou
Juan Carlos Casaseca Ferrando
Dolors Guillén Mena
Josep Illa Ximenes
Sarai Martínez Vega
Xavier Simó Castells
Carlos Súnico Batchillería
Francesc Teixidó i Pont
Representatives of Mataró City Council

Roser Moré Roy
FAGEM
Ambròs Martínez Oliver
PIMEC
Representatives of business organizations

Gonzalo Plata Jiménez
CCOO
Lluís Torrents Díaz
UGT
Union representatives

Carles Ramió Matas
Pompeu Fabra University

Pere Carles Subirà
Iluro Foundation

Xavier Torra Balcells
EURECAT

Joaquim Esperalba Iglesias
Andreu Comajuncosas Fortuño
Antoni Aguilar Vidal
TecnoCampus Senate

Albert Cortada Manchado
GENTIC

Ramon Cunillera Grañó
Representatives nominated by the president

Miquel Àngel Vadell Torres
EPEL Parc TecnoCampus Mataró

Non-voting participants

Pedro Alcántara-García Briones
Secretary
Javier Alcántara-García Ferrero
Vice secretary
Josep M. Canal Codina
Director of economic services and treasurer, Mataró City Council
Antoni Merino Orejón
General manager, Mataró City Council
Josep Lluís Checa
General director

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
Lorena Molina Raya
Carme Rosell Moreno
Members from the permanent teaching and research staff and administrative and service staff

Jordi Bertran Vaqué
Guillermo Álvarez Martínez
Sara Atienza Rodríguez
Max Faro Ballester
Members from the TecnoCampus student body and alumni community

Xavier Camps Casas
Josep-Eladi Baños Díez
Juan Carbonell Junyent
Joaquim Pons Juli
Daniel Martín Ruiz
Members from businesses and institutions linked to the Foundation

Pilar González-Agàpito
Josep Comas Valls
Xantal Oller Soler
Members who are prominent local figures

Steering Committee Executive body

Josep Lluís Checa
General director

Ester Bernadó Mansilla
Director, School of Engineering and Technology

Josep Maria Raya
Director, School of Social and Business Sciences

Esther Cabrera Torres
Director, School of Health Sciences

Emma Feriche Bartra
Director, Entrepreneurship and Business

Dúnia Alzaga Buixó
Director, General Secretary's Office and Human Resources

Luz Fernández del Rey
Director, Campus Services

Joan Gil López
Director, Core Services

Standing Committee Management body

David Bote Paz
President

Josep Lluís Checa
General director

Alicia Romero Llano
Joaquim Esperalba Iglesias
Antonio Merino Orejón
Appointed by the president



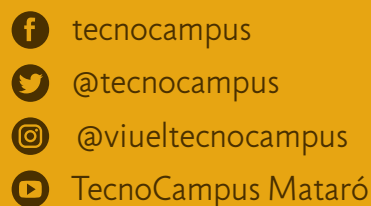
TecnoCampus brings together academia and business in a single space devoted to innovation and entrepreneurship. Based in the Catalan city of Mataró, 20 kilometres outside Barcelona, TecnoCampus aspires to be a national and international project and a powerful driver of regional economic and social transformation.



Affiliated centers



www.tecnocampus.cat



TecnoCampus Mataró-Maresme
Foundation

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