

Annual Report 2014 - 2015

 **Tecnocampus**

Affiliated centers



**Universitat
Pompeu Fabra**
Barcelona

Welcome

Over the last few years, Mataró, with its institutions and citizens, has pledged a firm commitment to TecnoCampus. Financing the construction of this university and business complex has not been an easy task, particularly in view of the fact that we are still facing times of strict budgetary control and many different needs in the social sphere. However, Mataró has upheld its firm commitment, which now dates back several years. Back then, when starting to imagine TecnoCampus, it was necessary to sketch out a future without the strength provided by some of the traditional mainstays of the city's economy. That future is now here, in the form of an economy based on knowledge and innovation, applied to both new sectors and long-established industries. With TecnoCampus, Mataró has accomplished an old ambition: to become a university city and a driving force behind the creation of new companies. It is important, however, not to confuse the means with the ends. TecnoCampus is the means to an end, a tool for embracing this economic future with assurances of success. The end goal is for all of the university education, the promotion of entrepreneurship and the acquisition of business skills to translate into wealth and wellbeing for people.

David Bote, mayor of Mataró



It is a great source of satisfaction and an honour for me as Chairman to be able to present development statistics about TecnoCampus that are as positive as those that you will find in this document. They are an illustration of the efforts made over the last few years to ensure that the content of this institution was worthy of such magnificent facilities. These great efforts in all aspects, politically, academically and professionally, over the course of several years, has made TecnoCampus possible. Five years have passed since we inaugurated this modern campus right on the seafront in 2010, thanks to the dedication of the team back then that managed to drive the project forward and set it on the right course. TecnoCampus is an institution that is consolidating its position and acquiring an increasing relevant status in the university system as a whole and in the field of the cooperation between universities and companies, as can be seen from the statistics on quality, quantity and the evaluation of companies and students. However, there is still much to achieve. Far from falling into complacency and letting our guard down, we have to take full advantage of the park's potential and continue moving towards the concept of the TecnoCampus District. To do so, we need a TecnoCampus that is increasingly more connected with the region and its people.

Miquel Rey, Chairman of TecnoCampus



You are holding the result of the management undertaken by the TecnoCampus team over the last academic year, the product of the combined efforts made by the whole team of the employees at the institution. It has been a highly intensive academic year for the organization due to the significant growth in the range of courses on offer, which has led to the number of students doubling in a short space of time. Moreover, we have managed to reach full capacity in the Technology Park. I believe that we can safely say that the vision that inspired us at the very start of this venture, a vision underpinned by the mission of becoming 'the meeting point where university and business go hand in hand', is starting to become a reality at last. It is a great pleasure for us every day to see hundreds of students fill our classrooms, growing as people and as professionals. At the end of their course, we are proud to watch them graduate, much to the satisfaction of their families, the faculty and the administration and service staff. It is a joy to see how the offices of over 130 technology-based companies are filled every day with people embarking on new entrepreneurial projects. Thanks to everybody who makes this achievement possible every day.

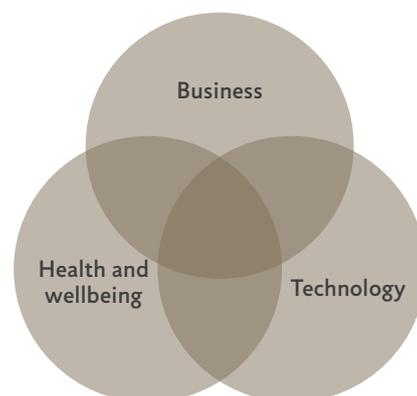
Jaume Teodoro, General Director of TecnoCampus



Fundació TecnoCampus Mataró-Maresme

TecnoCampus is a technology park and university run by the Mataró City Council. The Fundació TecnoCampus Mataró-Maresme is the organization in charge of the centre's governance and strategic development. The integration of a university campus associated with the Universitat Pompeu Fabra and a business park is the defining feature that sets TecnoCampus apart, with its firm commitment to entrepreneurship and quality tuition linked to the region's production sector. TecnoCampus's mission is to become a regional support tool for the generation of wealth and economic growth.

Three areas of activity



Academy

3

University centres

16

Official Bachelor and Master Degree qualifications

2,559

Students enrolled

91.6%

Students chose TecnoCampus as their first option

10

Research groups

37

Publications by faculty members

534

University-company partnership agreements

420,270€

Resources allocated to research

Park

112

Companies and institutions based in the Park

3,556

Daily users

21

Companies in the incubator

58

Start-ups created

Corporation

158

Faculty and research staff

63

Administration and service staff

14.8

Budget expenditure (in million euros)

434

Entrepreneurs served

814

Companies on acceleration programmes

306

Events held at the conference centre

29,000

Attendees at the conferences

TecnoCampus university studies

TecnoCampus offers official Bachelor and Postgraduate university studies, fully adapted to the European Higher Education Area (EHEA), perhaps better known as the Bologna Accords. The range of academic courses offered by TecnoCampus are divided between three university centres affiliated to the Universitat Pompeu Fabra (UPF). The UPF is Spain's top university and one of the top 15 in Europe according to the U-Multirank league table prepared by the EU.



3

University Centres

11

Official Bachelor Degree qualifications

3

Official Joint Degree qualifications

4

Postgraduate qualifications

2

Official Master's Degrees



TecnoCampus
School of Engineering
and Technology

Affiliated center



Universitat
Pompeu Fabra
Barcelona

BACHELORS

Degree in Industrial and Automatic Electronic Engineering

Degree in Management and Information Systems
Computer Engineering

Degree in Mechanical Engineering

Degree in Audiovisual Media

Degree in Videogames and Interactive Applications

Joint Degree in Mechanical Engineering / Industrial and Automatic Electronic Engineering

POSTGRADUATE AND MASTER'S DEGREES

Postgraduate Degree in Bio Architecture



TecnoCampus
School of Business
and Social Science

Affiliated center



Universitat
Pompeu Fabra
Barcelona

BACHELORS

Degree in Business Administration and Innovation Management

Degree in Tourism and Leisure Management

Degree in Marketing and Digital Communities

Degree in Maritime Business and Logistics

Joint Degree in Tourism and Leisure Management / Business Administration and Innovation Management

Joint Degree in Business Administration and Innovation Management / Marketing and Digital Communities

POSTGRADUATE AND MASTER'S DEGREES

Master's Degree in Entrepreneurship and Innovation

Postgraduate Degree in Social Media and Digital Marketing



TecnoCampus
School of
Health Sciences

Affiliated center



Universitat
Pompeu Fabra
Barcelona

BACHELORS

Degree in Nursing

Degree in Physical Activity and Sport Sciences (CAFE)

POSTGRADUATE AND MASTER'S DEGREES

Master's Degree in Chronicity and Dependency

Postgraduate Degree in Patient Safety

Postgraduate Degree in Personal Assistance in an Urgent / Emergency Care Situation

Students

Over the course of the last five years, since the inauguration of the new headquarters of TecnoCampus in November 2010, the number of students has doubled. In addition, the number of first-option applications has increased in terms of university pre-registration.

2,559

Students enrolled

809

New students

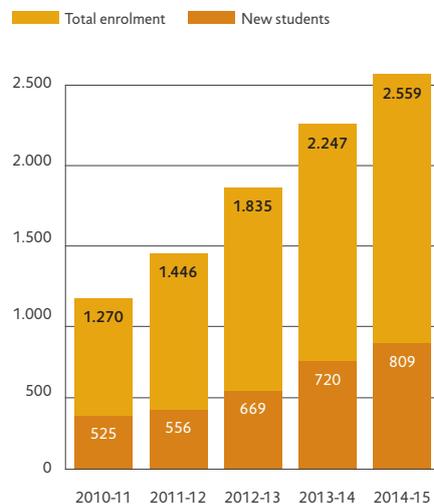
302

Bachelor Degree qualifications

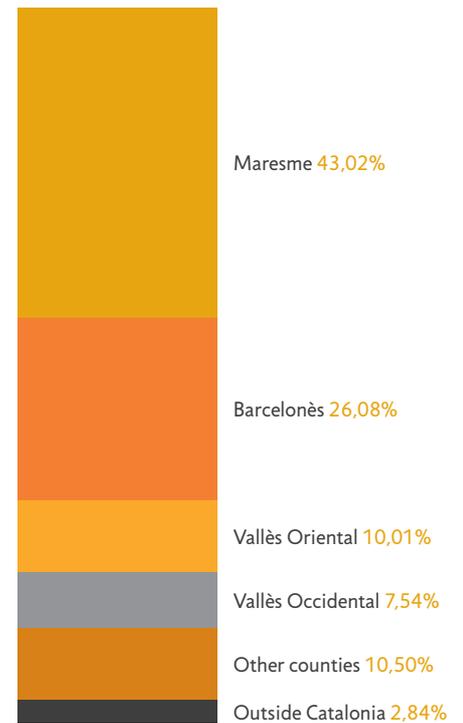
91.6%

Students that chose TecnoCampus as their first option

Evolution in the number of students



Origin of new students for the 2014-15 academic year



International mobility

84

TecnoCampus students who have completed part of their studies in other centres

63

TecnoCampus students who have been awarded an Erasmus grant

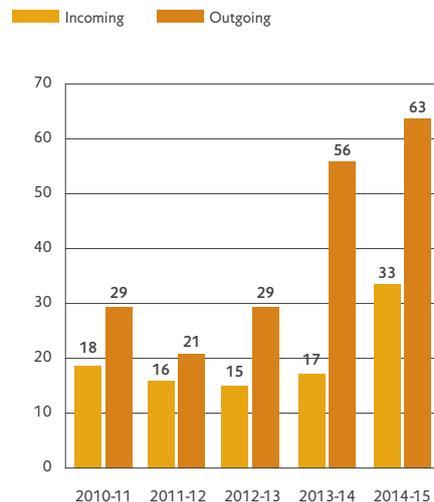
33

Foreign students who have completed studies at TecnoCampus

14

Students that have done internships abroad through the IASTE programme

Academic mobility. Erasmus Programme



Agreements with other universities

13

Bilateral Sique Agreements in Spain

75

Bilateral Erasmus agreements

16

Bilateral agreements with other universities in the rest of the world

Student services

7

Average student rating of the services

Library/Learning and Research Resource Centre



1,173 m²

Total area

22

Public computers

11

Study rooms

225

Reading rooms

12,381

Publications registered

26

Current periodicals stocked

2,564

Publications loaned

131,148

Users that have visited the library

University life

The University Community Services Department (UACU) coordinates all of the activities that take place away from the classroom.

University sport. Activities organized or jointly run, with the participation of 2,159 people over the course of the 2014-15 academic year.

Culture. Support and assistance for groups of students who develop activities in theatre, street dance, "castellers", film or photography.

Charity. Activities to raise money for the Fundació Vicenç Ferrer, Càritas, the Red Cross and the Marató de TV3.

AsEst. The Association of TecnoCampus Students (AsEst) receives support from the UACU on its various working committees.

Accommodation exchange. Agreements in place with several operators give students access to a wide selection of accommodation options.

TecnoCampus Benefits Club. This service gives students access to discounts on more than 270 products and services.

Professional careers service

Professional internships

1,255

Internship offers posted

221

Employment offers posted

519

Educational Cooperation Agreements overseen

TecnoCampus Talent Forum

Meeting point for companies and our university's students and graduates.

Skills programme

Workshops and practical sessions for the development of professional skills.

TecnoCampus Alumni

An employment exchange specifically for graduates; career development support, access to preferential conditions for lifelong learning programmes at TecnoCampus.

Connected to society

Summer University

Summer at TecnoCampus opens up the campus to the general public with a broad range of courses and leisure activities on offer. The Summer School is a programme specifically designed to attract foreign students.

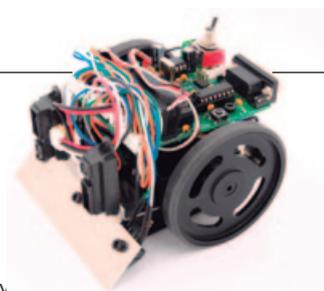


Xnergic

Xnergic is designed for pre-university young people between 12 and 17 years old with the aim of introducing them to technology and generating passion for robotics, digital manufacture, programming and drones.

800

young people have taken part in Xnergic activities since 2012



Faculty and Administration and Service Staff

Faculty and research staff

School of Engineering and Technology



School of Business and Social Sciences



School of Health Sciences



Total

182

Faculty and research staff

Faculty by sex

66

Women

116

Men

Administration and service staff

Technological transfer services



Business services



University services



General Services



SQAI

Quality, Learning and Innovation Service

130

Support materials

540

Virtual classrooms for Bachelor and Master Degree courses

1,200

Visits to the digital magazine #Innova-TecnoCampus

Research

84

Number of publications by faculty members

41

Publications presented at national and international research conferences

28

Participation of faculty members in national conference activities

32

Participation of faculty members in international conference activities

TecnoCampus Research Groups

School of Engineering and Technology

- Signal Processing Research Group
- Power Electronics Research Group
- Innovation and Territorial Competence Research Group (GRIC)
- Sound, Silence, Image and Technology Research Group (SSIT)

School of Business and Social Sciences

- Applied Research Group on Economic Wellness and Tourism (GRABET)
- Competences, Entrepreneurship and Innovation Research Group (CEO)

School of Health Sciences

- Chronicity and Ageing Research Group (GRACE)
- Research Group on Teaching Methodology and Innovation in Health (MEDIS)
- Physical Activity and Health Research Group (AFIS)
- Sports Performance Research Group (REDEP)

Mooc

MOOCs (Massive Open Online Courses) are a global trend in unofficial teaching. TecnoCampus has had two successful experiences in this area:

MOOC "Innotools: transform your business concept into a value proposition"
4th edition of the Miriada X platform: 10,493 registered participants and 458 students completed the course.



MOOC "Robots and video games in the classroom"
3rd edition of the Miriada X platform: 4,733 registered participants and 363 students completed and passed the course.

Lifelong learning

Lifelong learning gives companies, members of the public and students access to tools to update their knowledge. Around a hundred people registered on 13 short courses, while 159 people took postgraduate studies.

The TecnoCampus Business Park

7.5

Average rating given to the Park's services by businesspeople

As well as a university campus, TecnoCampus is a technology park that is home to several companies and which fosters entrepreneurship. Two twin towers (TCM2 and TCM3) provide premises for the companies and the incubator. In addition, there is also a conference centre (TCM4) for event with a capacity for 350 people.



112

Companies and institutions based in the Park

3.556

Daily users

21

Companies in the incubator

58

Start-ups created

434

Entrepreneurs served

814

Companies taking part in acceleration programmes

The companies in the Park have taken the opportunity to be close to the university and to take advantage of resources that enhance their growth. In this respect, the services offered to the companies and start-ups in the TecnoCampus community can be divided into 5 sections:

- ✓ The Park, as quality infrastructure
- ✓ Growth acceleration programmes
- ✓ Internationalization programme
- ✓ Advanced financing service
- ✓ Mataró Company Office



Entrepreneur Services

The mission of TecnoCampus's Entrepreneur Service is to support entrepreneurial initiative as a key factor in the competitive growth of the region's economy. Throughout 2014, the consultancy services offered to people with a business idea have resulted in the creation of 58 new start-ups.

The activities conducted consist of:

- ✓ Awareness-raising programs: Learning to be enterprising and CUEME
- ✓ Weekend Challenge
- ✓ Innoemprèn
- ✓ Innoemprèn universitari
- ✓ Creativ Awards
- ✓ The Incubator
- ✓ Entrepreneur mentoring schemes

Mataró Company Office

In March 2014, the Mataró Company Office was inaugurated to provide a single point of contact to centralize all of the procedures and services required to start up a company or make it grow. The Barcelona Chamber of Commerce is participating in the project, as well as PIMEC, FAGEM and CETEMMSA. The project also has the support of the Barcelona Provincial Council.

220

Procedures processed since the inauguration

108

Activity permits processed

Incubator



The TecnoCampus has an incubation platform designed to take in newly-created companies that conduct innovative and/or technology-based activities. The Incubator has the capacity to offer premises to 21 companies in a range of formats from independent offices to openspace facilities. The Incubator forms part of the Creamed network, a projected headed by the Mediterranean Euro-region.

Services for the production sector and business acceleration

TecnoCampus runs several programmes that reach beyond the walls of the Park and have an impact throughout the production sector of the city and the county.

Start-Up Catalonia

TecnoCampus is one of the seven Start-up Catalonia accelerators. In 2014, 12 companies were accelerated within the framework of the programme.

20–30%

Growth experienced by accelerated companies

Business Landing

This programme provides mentored services for landing in a destination region, through which a university or incubator facilitates access to the relevant market, offering guidance, searching for contracts and providing premises in the incubator or co-working facilities.

Reempresa

This is a trading platform for buying and selling small and medium-sized business in Catalonia. In 2014, TecnoCampus oversaw the cases of 23 companies in which the owners wished to sell the business and 25 entrepreneurs interested in buying them. In 6 successful cases, the handover sought by the company was achieved, thereby guaranteeing their continuity.

CooperaTèxtil

This digital platform brings together the textile production sector of Mataró within a set of classifications. The aim is to attract manufacturing contracts and investments in the region's textile sector in order to regenerate the production structure.

254

Companies registered on the CooperaTextil website

Drive to boost Mataró's industrial estates

A total of 18 requests have been dealt with to locate companies in Mataró and a programme has been organized to enable companies in industrial estates to incorporate positioning strategies. The programme has provided advisory services to 102 companies.

Advanced Financing

This programme facilitates access to financing in order to accelerate companies' growth. In the 2014-2015 academic year, financing has been raised of 4.5 million euros.

Conference Centre



Located right on the seafront, the Conference and Meeting Centre covers an area of 2,200 m². The facilities include a 950 m² auditorium a 900 m² foyer, four adjustable multi-use rooms of between 45 and 150 m² and high standard lecture rooms with a range of capacities.

306

Events held in 2014

29,000

Attendees at the events held in 2014

Evolution in the number of conferences



136

Company and institutional events. A few examples:

- 2nd AIFICC Conference on Vaccines
- 21st CDIAP Maresme Conference
- Award ceremony of the mSchools educational program of the Mobile World Capital Barcelona
- Rexona 10 km Street Run Mataró
- Saló Boda 2014
- ZoukDevils International Conference
- Recuwatt Conference 2014

170

Events organized or jointly run by the Fundació TecnoCampus Mataró-Maresme. Key examples include:

- Weekend Challenge
- Entrepreneurs Night
- World Television Day in Catalonia
- Ocitur Conference 2014
- UDINE Network 2014

Governance and management bodies

Board of Trustees

Governance body

Chairperson

Miquel Rey Castilla
Economic Promotion and Innovation
Councillor of the Mataró City Council

Vice-chairperson

Andreu Francisco Roger
Vice-chairperson of the Maresme
County Council

Board members

Joan Gil i Sans
Maria Carme Maltas Freixas
Carlos Súnico Batchillería
Mònica Lora Cisquer
Esteve Martínez Ruíz
Mercè Bosch Pou
Representatives from the City Council

Pelegrí Viader Canals
Universitat Pompeu Fabra

Roser Moré Roy
FAGEM

Albert Cortada Manchado
GENTIC
Representatives from business associations

Lluís Torrents Díaz
UGT

Gonzalo Plata Jiménez
CCOO
Representatives from trade union organizations

Rafael Montserrat Bartra
(until 11/12/14)

Pere Carles Subirà
(since 11/12/14)
Fundació Illuro

Joan Tarradellas Espuny
(until 25/2/15)

Núria Betriu Sánchez
(since 25/2/15)
CETEMMSA

Simon Schwartz Riera
Lorena Molina Raya
Xavier Camps Casas
Senat TecnoCampus

Francesc Garcia Cuyàs
Lluís Jofre i Roca
Representative proposed by the Chairperson

Attendees with right to speak but no vote

Pedro Alcántara
Patronat Secretary

Jaume Teodoro Sadurní
General Director

Senate

Advisory Body

Chairperson

Simon Schwartz Riera
Elected by a vote of the
members of the Senate

Vice-chairperson

Lorena Molina Raya
Xavier Camps Casas
Elected by a vote of the
members of the Senate

Board members

Aina Fernández Aragonés
(until 23/10/2014)

Ester Rodríguez Mayorga
(since 23/10/2014)

Rosa Lozano Garcia
Alfons Palacios González
Josep Patau Bruent
Josep M. Raya Vilchez
Board members appointed from the
permanent teaching and research staff
and the administration and service staff

Jordi Bertran Vaqué
Juan Díaz Moré
Pau Garcia Escútia
Núria Solé Mendi
(until 23/10/2014)

Alex Rojas Castillo
(since 23/10/2014)
Board members appointed by the student
body and the alumni community

Manfred Bauer
(until 23/10/2014)

Daniel Martín Ruiz
(since 23/10/2014)

Ricard Coma Montoro
José García Gerpe
Joaquim Pons Juli
Salvador Salat Mardaras
Board members appointed from companies
and institutions linked to the Foundation

Pilar González-Agàpito
Miquel Reniu Tresserras
Antoni Subirà Claus
Board members who are
prominent figures in the region

Board of Directors

Executive Body

Board of Directors

Jaume Teodoro Sadurní
General Director

Marcos Faúndez Zanuy
Director of School
of Engineering and Technology

Montserrat Vilalta Ferrer
Director of School of Business
and Social Sciences

Esther Cabrera Torres
Director of School of Health Sciences

Dúnia Alzaga Buixó
Director of Human Resources and
General Secretary of the Foundation

Maite Viudes de Velasco
Director of International Relations
and Professional Careers

Joan Gil López
Director of Basic Services

Mayors of Mataró and Chairpeople of TecnoCampus

Mayors of Mataró

Manuel Mas	Joan Antoni Barón	Joan Mora	David Bote
-------------------	--------------------------	------------------	-------------------

Chairpeople of TecnoCampus

Pilar González-Agàpito	Alícia Romero	Miquel Rey
-------------------------------	----------------------	-------------------

1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

We build the future

'We build the future' is TecnoCampus's central slogan. It expresses our commitment to the students in terms of offering them quality tuition that enables them to position themselves successfully in the world of employment and to grow personally and professionally. It also expresses the institution's commitment to the production sector in terms of becoming a tool that facilitates business development, innovation and growth in entrepreneurial activity.

TecnoCampus' strategic plan for the period 2012-2016 is underpinned by this slogan and focuses efforts on fulfilling these commitments. Over a short period of time, the range of Bachelor Degrees offered and the number of students enrolled have doubled. The Park is almost full and the entrepreneurship model is achieving great results. A good proportion of the objectives of the first phase have been accomplished. In the second phase, we have to consider the model while, at the same time, upholding the effective institutional style that characterizes TecnoCampus.



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

-  www.facebook.com/tecnocampus
-  [@TecnoCampus](https://twitter.com/TecnoCampus)
-  www.youtube.com/tecnocampus

