

BARCELONA ECONOMIC TRIANGLE

The Catalonia of competitiveness and knowledge opens up to the world from the economic force of its capital, Barcelona. A country with a long industrial tradition that has a strong commitment to the knowledge economy and sustainability, with a solid basis that provides an incomparable location as a gateway to southern Europe and the Mediterranean. A connected land, attractive to international talent, business development and entrepreneurial initiative, with leading research, creativity that recognizes no borders and a quality of life that is the envy of the world.

Barcelona, a cosmopolitan, open, dynamic, entrepreneurial city, is located in a dense metropolitan region with considerable vitality. Its economy is characterized by the diversification of its activities, with predominance of the services sector and a significant industrial base. One of the objectives is to actively preserve the economic diversification of Barcelona by adapting it to the new demands and overcoming the new challenges, in order to maintain its attractiveness and its competitiveness in a globalized world.

Over the centuries, different traditional industries and services have established themselves in the Barcelona area, creating a solid business and commercial tradition. Today, it is the emerging sectors and advanced services that find their niche in the Barcelona metropolis.

Today, Catalonia and Barcelona are firmly committed to a model of economic growth based on innovation and creativity, and fully integrated in the knowledge economy.

As a result of this commitment, Catalonia is in the middle of a great transformation and constant development of new projects, planning strategically and creating a supply of renewed economic spaces.

A good example of these major transformations can be found in the Barcelona Metropolitan Region, which has three main areas that are becoming motors of activity that form a large economic triangle:

DeltaBCN/BZ Barcelona Innovation Zone (Llobregat area)
Technology and Mobility

22@Barcelona (Besòs area)
Innovation and Creativity

Parc de l'Alba (Vallès area)
Science and Technology

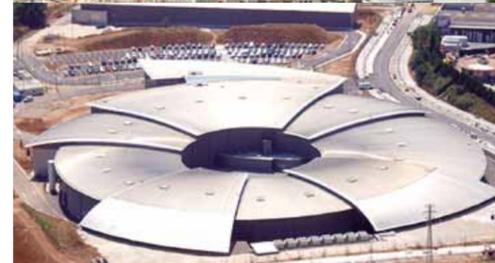
Each of the vertices of the *Barcelona Economic Triangle* is an area of consolidated economic activity, but with important projects in progress and many opportunities for investment, as well as enormous potential and tremendous future prospects. This area represents over **7 million m²** of floor space for knowledge-intensive activities generating more than **200,000 new jobs**. They are spaces for different activities, with a considerable range of educational, health care, cultural and promotion facilities.

With the *Barcelona Economic Triangle*, Catalonia and the Barcelona Metropolitan Region, made up of more than 160 municipalities, continue to show their dynamism and their ability to overcome new challenges, while defining the bases of a better future. Barcelona is a safe bet, and the facts and projects show this to be true.

Our objective is to ensure an environment of human dimensions where residential uses, production activities and services live side by side. A Barcelona that is good to live, work and invest in, and to visit. We'll be waiting for you!

 **Generalitat de Catalunya**
Government of Catalonia

 **Ajuntament de Barcelona**



www.BarcelonaEconomicTriangle.cat



The Mediterranean Innovation Hub



BARCELONA
ECONOMIC TRIANGLE

Catalonia, with more than 7 million inhabitants and 31,895 km², holds a strategic position in the western Mediterranean and is one of the European regions that provides the most opportunities - present and future - in the areas of innovation, research and development, design and creativity.

Most of the Catalan population is located in **Barcelona**; its metropolitan area holds 4.9 million inhabitants in an area of 3,236 km². The area is also home to a deeply-rooted business fabric with an industrial tradition and wide diversification, which constitutes a very large nucleus for attracting foreign investment. The recent designation of Barcelona as capital of the Union for the Mediterranean will further reinforce the city's leadership in this area and encourage the establishment of leading companies that want to benefit from the new business opportunities.

The Barcelona area has three main areas of activity that form a large triangle: the Barcelona Economic Triangle. These three spaces have the following assets:

Business fabric in consolidated areas of production, tertiary or logistics activity in different sectors.

Universities of excellence.

Specialized and global research and technology transfer centres.

Singular and state-of-the-art scientific infrastructure.

Local and international talent and entrepreneurial initiative.

Services for incubation and creation of businesses.

Support facilities (promotional, commercial, educational and health care).

Good connections with the airport, the port, the main international road and rail networks and the local public transport network.

High quality of life, with a pleasant, sunny climate and a system of high-value natural parks.

DeltaBCN/BZ Barcelona Innovation Zone (Llobregat area)

Technology and Mobility

Economic sectors: aerospace, biotech, food sciences, mobility, optics & photonics

In the area of the Llobregat river delta, we find one of Spain's principal industrial and logistics areas. This area is complemented by the presence of two large communications infrastructures - the Port of Barcelona and the El Prat International Airport. This is an area in which a number of strategic projects are being developed, together with a complementary range of services for tertiary activity and for emerging sectors such as aerospace, mobility and other advanced industries.

In particular, three large business parks are being developed for companies to set up in. The Viladecans Business Park will have office buildings in a high-quality environment. The Aerospace and Mobility Park, also in the municipality of Viladecans, promotes activity in this sector thanks to key infrastructures such as the wind tunnel for aerodynamic testing and the Aerospace Technology Centre (CTAE). The Mediterranean Technology Park in the municipality of Castelldefels is a space hosting businesses in knowledge-intensive sectors and with highly relevant scientific and research infrastructure. Finally, the BZ Barcelona Innovation Zone will concentrate cultural, food industry and technology activities, which in combination with research, technology transfer and scientific and technical facilities will speed up the development of these sectors in Catalonia.

22@Barcelona (Besòs area)

Innovation and Creativity

Economic sectors: media, ICT, medical technology, energy, design

The industrial areas in the centre of the city are being renewed in order to provide new high-quality economic spaces, with adapted infrastructure that incorporates state-of-the-art technology and integrates quality and environmental sustainability criteria.

The 22@Barcelona project is the spearhead of this entire area. It involves the transformation of the old industrial neighbourhood of Poblenou to turn it into the new technology and innovation district, encouraging the installation of advanced services and knowledge-intensive activities, with the creation of five urban clusters: media, information and communication technology (ICT), medical technology (MedTech), energy and design.

Rounding off this range of services is the Diagonal-Besòs Campus, an interuniversity campus specializing in the fields of energy, water and mobility.

Finally, the construction of the new central high-speed train station in the Sagrera neighbourhood will host commercial and tertiary activity in its surroundings, taking advantage of the optimum conditions of accessibility in this area.

Parc de l'Alba (Vallès area)

Science and Technology

Economic sectors: biotech, energy, nanotechnology, new materials, pharma & health

The Vallès area, with a strong industrial tradition, has become consolidated as an economic corridor along the E15/B30 motorway, which runs from northern Europe to southern Spain. It is a strategic communications corridor in the heart of the Mediterranean arc.

Throughout the length of this axis, there is a consolidated supply of economic spaces, both tertiary and industrial, which are complemented by a strong scientific and university research component. In particular, within this area there are five locations that generate a number of synergies between them and make this part one of the main poles of science and technology in Catalonia. Dynamized by Parc de l'Alba, which will host the Synchrotron light laboratory, the area is complemented by the nearby UAB Research Park, EsadeCreapolis, the Vallès Technology Park and the Health Park. Also in this area is the Can Sant Joan Business Park, which rounds off the economic floor space, motor facilities and singular infrastructure in one location, with a strong presence of top-tier knowledge-intensive multinationals working in innovative sectors.



BARCELONA
ECONOMIC TRIANGLE

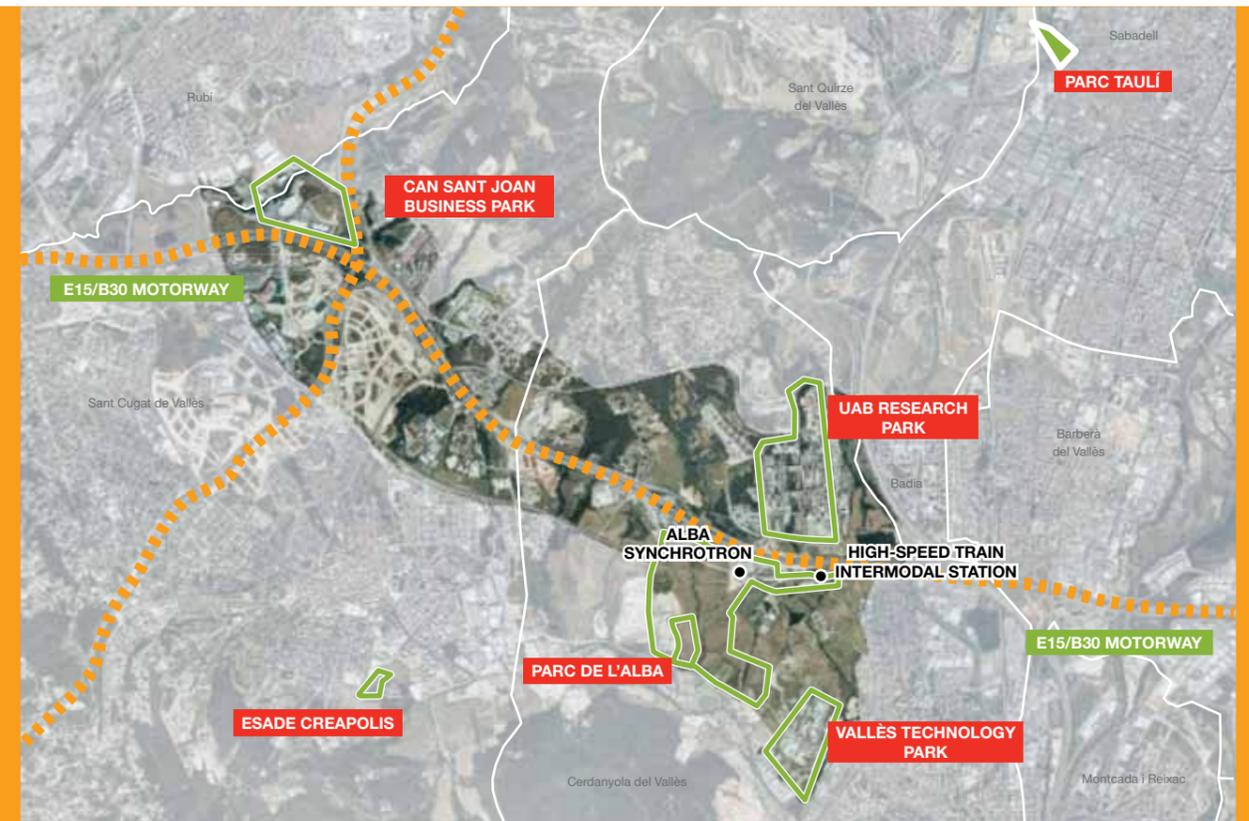


Parc de l'Alba (Vallès area) Science and Technology Park

Economic sectors: biotech, energy, nanotechnology, new materials, pharma & health

RESEARCH INFRASTRUCTURE IN THE VALLÈS AREA

PROJECT	RESEARCH INFRASTRUCTURE	WEBSITE
Parc Taulí - Health Park	Centre for Innovation in New Technologies Applied to Medicine (CINTAM).	www.tauli.cat
Vallès Technology Park	ASCAMM Technology Centre	www.ascamm.com
	Network of Catalan Science and Technology Parks (XPCAT)	www.xpcat.net
UAB Research Park	Centre for Animal Biotechnology and Gene Therapy (CBATEG)	http://cbateg.uab.cat
	Centre for Computer Vision (CVC)	www.cvc.uab.es
	National Microelectronics Centre (CSIC-CNM)	www.cnm.es
	Consortium for the Construction, Fitting and Operation of the Synchrotron Light Laboratory (CELLS)	www.cells.es
	Catalan Nanotechnology Institute (CIN2-ICN)	www.nanocat.org
	Institute for Economic Analysis (CSIC-IAE)	www.iae.csic.es
	Biotechnology and Biomedicine Institute (IBB)	http://ibb.uab.es/ibb
	Barcelona Materials Science Institute (CSIC-ICMAB)	www.icmab.es
	Environmental Science and Technology Institute (ICTA)	http://icta.uab.es
	Barcelona Institute for Regional and Metropolitan Studies (IERMB)	www.iernb.uab.es
Artificial Intelligence Research Institute (CSIC-IIIA)	www.iiia.csic.es	



The **Vallès area**, located in the west of the Barcelona Metropolitan Region, is home to one of the main concentrations of businesses and knowledge infrastructure in Catalonia.

This territory, one of the key drivers of innovation in Catalonia, is currently undertaking an important expansion of the available scientific and business floor space in its most strategic areas, with the aim of configuring a pole of scientific and technological excellence at European level.

In a radius of 10 km and with excellent local and international connections, the **Vallès area** brings together the following:

	Total area (hectares)	Floor space for economic activity (m ²)	
		Total *	2009-2013 period **
Parc de l'Alba	340	1,320,000	520,000
EsadeCreapolis	2.5	39,800	39,800
Parc Taulí - Health Park	1	93,700	5,770
Vallès Technology Park	58.5	190,600	5600
UAB Research Park	230	120,000	54,000
Can Sant Joan Business Park	49.3	172,330	172,330

* m² of total economic floor space scheduled for this business park (present and future).

** m² of economic floor space to be developed in the 2009-2013 period.

www.BarcelonaEconomicTriangle.cat



BARCELONA
ECONOMIC TRIANGLE

Parc de l'Alba (Vallès area)

Science and Technology Park

Economic sectors: biotech, energy, nanotechnology, new materials, pharma & health

PARC DE L'ALBA

Floor space for economic activity, 2009-2013 period

520.000 m²

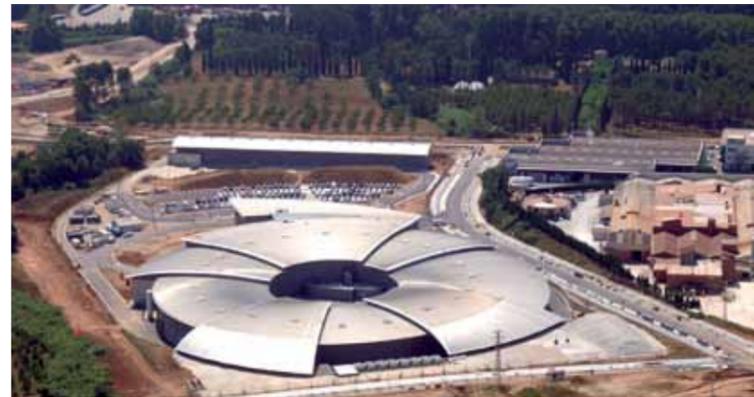
The transformation taking place will make it possible to concentrate 40,000 jobs with high added value, 3500 new public and private housing units, and 180 hectares of natural ecosystems and urban parks, as well as a large intermodal station, which will provide excellent connectivity.

An interesting area for...

Generating pioneering knowledge, applications and services at world level by means of a powerful research and advanced production platform.

Parc de l'Alba is one of the most relevant contributions of Catalonia to the European map of innovation and is one of the main motors of the competitiveness and the international projection of the Catalan economy.

The **Alba Synchrotron**, the biggest advanced research infrastructure in south-west Europe, is providing top-tier research services to scientific, academic and industrial communities around the world in strategic sectors such as life sciences and technology, health, environment, energy, design of new molecules and materials, microelectronics and nanotechnology. www.parcdelalba.cat



ESADE CREAPOLIS

Floor space for economic activity, 2009-2013 period

39,800 m²

An interesting area for...

Identifying new business opportunities and developing business ideas.

This park was created by the ESADE business school to develop business ideas in a profitable manner, where multi-sector resident businesses interact with each other with the aim of accelerating their innovation. www.esadecreapolis.com



PARC TAULÍ - HEALTH PARK

Floor space for economic activity, 2009-2013 period

5,770 m²

An interesting area for...

Promoting research and innovation activity in the fields of medicine and health care

Designed for research and innovation in the field of medicine and health care, the Parc Taulí - Health Park will carry out innovative activities in biomedicine, teaching and value-added services. www.tauli.cat



VALLÈS TECHNOLOGY PARK

Floor space for economic activity, 2009-2013 period

5,600 m²

An interesting area for...

Technology-based businesses that want to carry out their activities in a quality environment.

Designed to host companies and institutions that work in the field of new technologies and that require a quality location with a varied range of infrastructures and services. www.ptv.es



UAB RESEARCH PARK

Floor space for economic activity, 2009-2013 period

54,000 m²

An interesting area for...

Collaborate with state-of-the-art research, with the support of a team of people dedicated to knowledge transfer and specific infrastructure for businesses (eu-reka space).

The UAB Research Park is a transversal and multisector park located on the campus of one of the biggest universities in Spain in the area of research: the Autonomous University of Barcelona. The park hosts 4000 scientists distributed in 150 research groups and 30 specialist research centres.

The park focuses its research on scientific clusters: materials and energy sciences, information and communication technologies, biomedicine and biotechnology, animal health and food technology, environmental science and climate change and social sciences and humanities. <http://parc.uab.cat>



CAN SANT JOAN BUSINESS PARK

Floor space for economic activity, 2009-2013 period

172,330 m²

An interesting area for...

Setting up companies that want to locate to an environment with a deeply-rooted business presence.

A clear exponent of the business presence in this area is the Can Sant Joan Business Park in the municipality of Sant Cugat del Vallès, which contains top-level multinational companies that carry out innovation- and knowledge-intensive work. www.incasol.cat



STRATEGIC PROJECTS AND SECTORS IN THE 22@ DISTRICT		
Barcelona Biomedical Research Park	Medical Technology	www.prbb.org
Barcelona Media Park	Media	www.parcbarcelonamedia.com
Barcelona Media-Innovation Center	Media	www.barcelonamedia.org
Barcelona Digital- ICT Technology Center	ICT	www.bdigital.org
Leitat Technological Center	ICT	www.leitat.org
Knowledge Innovation Market BCN	ICT	www.kimbcn.org
Media-TIC Building	Media and ICT	www.elconsorci.net
Catalan Institute for Energy Research (IREC)	Energy	www.irec.cat
ITER Project "Fusion for Energy"	Energy	www.fusionforenergy.europa.eu
Disseny Hub Barcelona (DHUB)	Design	www.dhub-bcn.cat
Telecommunications Market Commission	ICT	www.cmt.es
Catalan Audiovisual Council (CAC)	Media	www.cac.cat
Blood and Tissues Bank of Catalonia	Medical Technology	www.bancsang.net
World Language Center	Media	www.linguamon.cat
Barcelona Activa	Entrepreneurship	www.barcelonactiva.cat
Spiralling Tower	Energy	www.btec.org
Railway Triangle Building	Advanced services	www.barcelonasagrera.com
Barcelona Chamber of Commerce	Business services	www.cambrabcn.org
Palo Alto Barcelona	Design	www.paloaltobcn.org



The 22@ area, located in the centre of Barcelona, is seeing the development of major urban transformation projects that are becoming reference standards not only at metropolitan level but also at international level. The area has modern and efficiently sustainable service infrastructures, as well as telecommunications networks (fiberoptics, Wi-Fi), central air conditioning and pneumatic waste collection.

The most innovative projects within 22@Barcelona are:

	Total area (hectares)	Floor space for economic activity (m ²)	
		Total *	2009-2013 period **
22@Barcelona	200	3,200,000	1,174,000
Diagonal-Besòs Campus	37	60,000	60,000
Sagrera Station Area	164	436,022	353,000

* m² of total economic floor space scheduled for this business park (present and future).

** m² of economic floor space to be developed in the 2009-2013 period.

Economic sectors: media, ICT, medical technology, energy, design

22@BARCELONA, THE INNOVATION DISTRICT

Urban clusters in 22@Barcelona:

Information and communication technology (ICT)

Audiovisual and media

Medical Technology (MedTech)

Energy

Design

An interesting area for...

Boosting competitiveness and the innovative capacity of business, scientific and teaching activity.

22@BARCELONA IN FIGURES

AREA	198.26 Ha (115 blocks of the Eixample district)
TOTAL POTENTIAL FLOOR SPACE:	4,000,000 m ²
Production activity:	3,200,000 m ²
Other uses (facilities, housing, etc.):	800,000 m ²
HOUSING:	4000 units of government subsidised housing.
MORE GREEN AREAS	114,000 m ² of land
NEW FACILITIES	145,000 m ² of land
MORE JOBS	150,000 (forecast)
INVESTMENT OF THE INFRASTRUCTURE PLAN	180 million euro

22@Barcelona is creating a diverse and balanced environment in which the most innovative companies exist alongside research, training and technology-transfer centres, together with housing, facilities and green areas. It is located 15 minutes from the historical centre and only 5 minutes from the beaches of Barcelona.

Since 2001, **1,502** new businesses have located to this area, including Yahoo! R+D, Microsoft, Sanofi-Aventis, Schneider Electric and Indra, providing **44,600** new qualified jobs. www.22barcelona.com



DIAGONAL-BESÒS CAMPUS

This space includes the presence of IREC, the Catalan Institute for Energy Research, which enjoys the participation of universities, businesses and public authorities to drive advanced research on energy efficiency and renewable energy sources. The ITER building will also house the Fusion for Energy agency, which is collaborating on the construction of the experimental reactor.

An interesting area for...

Retaining talent, research and development, and transforming knowledge into economic activity.

The Diagonal-Besòs Interuniversity Campus concentrates the energy cluster for scientific outreach, research and innovation, and technology transfer in the fields of energy, water and mobility. This campus is led and managed by the b_TEC Foundation, with the involvement of the authorities, universities and the business world. www.btec.org



SAGRERA STATION AREA

The Railway Triangle building (designed by Frank O. Gehry), located in the Sagrera area, is notable for its unique appearance, which makes it a visual icon.

FLOOR SPACE FOR ECONOMIC ACTIVITY (m²), 2009-2013 PERIOD

RAILWAY TRIANGLE BUILDING	80,000
SAGRERA STATION	180,000
Tertiary-offices	135,000
Hotels	45,000
SAGRERA SURROUNDING AREA	93,000
Tertiary-offices	59,500
Hotels	33,500
TOTAL	353,000

An interesting area for...

Commercial and advanced-services activity taking advantage of unbeatable connectivity and accessibility.

The remodelling of a large area of the city around the new central intermodal high-speed train (AVE) station concentrates a considerable supply of new business spaces. The AVE will be connected to the European high-speed rail network in 2012. www.barcelonasagrera.com



DeltaBCN/BZ Barcelona Innovation Zone (Llobregat area)

Technology and Mobility

Economic sectors: aerospace, biotech, food sciences, mobility, optics & photonics

RESEARCH INFRASTRUCTURE IN THE LLOBREGAT AREA:

PROJECT	RESEARCH INFRASTRUCTURE	WEBSITE
Aerospace and Mobility Park	Technology Centre for the Aerospace Industry (CTAE)	www.ctae.org
	Wind Tunnel	--
Mediterranean Technology Park	Castelldefels Technological School	www.epsc.upc.edu
	Barcelona School of Agriculture	www.esab.upc.edu
	Catalan Cartographic Institute (ICC)	www.icc.es
	Geomatics Institute (IdeG)	www.ideg.es
	Photonic Science Institute (ICFO)	www.icfo.es
	UOC Internet Interdisciplinary Institute (IN3)	http://in3.uoc.edu
	Catalan Telecommunications Technology Centre (CTTC)	www.cttc.es
	Technical Centre of the i2Cat Foundation	www.i2cat.net
	International Centre for Numeric Methods in Engineering (CIMNE)	www.cimne.upc.es
	Centre for Economic Research and Agro-food Development (CREDA-UPC-IRTA)	www.creda.es

STRATEGIC PROJECTS IN THE LLOBREGAT AREA:

Biopol Health Park	Solid network of hospitals, universities, research centres and businesses.	www.biopol.cat
Logistics Activities Zone (ZAL I and II)	Logistics platform of the Port of Barcelona.	www.zal.es
Zona Franca Logistics Park	Logistics and business park with high-quality offices for lease.	www.parclogistic.es
BZ Barcelona Innovation Zone	Remodelling of 50 hectares for industrial technology, food industry and cultural activities.	http://www.elconsorci.net/en/Zona_Franca/BZ_Barcelona_Zona_Innovacion/49
El Prat Directional Centre	Remodelling of 150 hectares for residential use and economic activity.	
Gran Via-L'Hospitalet Economic District	Expansion of the Barcelona Trade Fair Centre, business centre, city of justice, and different shopping centres and hotels.	www.consorciqvhospitalet.com
District 38	New business area with offices and associated services.	



The area of the Llobregat river delta, 5 minutes from Barcelona, concentrates a whole series of services, infrastructure, businesses and institutions that make it an excellent location for setting up companies. These are strategic locations with a direct connection to the El Prat International Airport and the Port of Barcelona, very close to the Barcelona Trade Fair Centre and the Zona Franca, a large reserve of land for the knowledge industry.

PORT OF BARCELONA: 1st port in the Mediterranean and 1st Spanish port in international transit.

BARCELONA INTERNATIONAL AIRPORT: Best European airport in 2009 in cargo transport.

Businesses in the aerospace, biotech, food sciences, mobility, optics or photonics sector, which need to cooperate with universities, technology centres and research centres will find in DeltaBCN/BZ Barcelona Innovation Zone the leading logistics, scientific and technological facilities in the surrounding area.

	Total area (hectares)	Floor space for economic activity (m ²)	
		Total *	2009-2013 period **
Aerospace and Mobility Park	55	245,000	25,200
Viladecans Business Park	100	98,000	64,000
Mediterranean Technology Park	44	93,300	40,000
BZ Barcelona Innovation Zone	50	1,000,000	300,000

* m² of total economic floor space scheduled for this business area (present and future).

** m² of economic floor space to be developed in the 2009-2013 period.

www.BarcelonaEconomicTriangle.cat



Economic sectors: aerospace, biotech, food sciences, mobility, optics & photonics

AEROSPACE AND MOBILITY PARK

Floor space for economic activity, 2009-2013 period

25,200 m²

An interesting area for...

Boosting competitiveness and the innovative capacity of business, scientific and teaching activity.

The Aerospace and Mobility Park promotes economic activity specializing in the aerospace industry and mobility in general.

The Aerospace and Mobility Park will have a whole range of high-level research centres, services and infrastructure, including the **Wind Tunnel** for aerodynamic testing, at the service of the companies located in the park. www.ear.cat



VILADECANS BUSINESS PARK

Floor space for economic activity, 2009-2013 period

64,000 m²

An interesting area for...

Locating businesses in a quality environment.

The business park, located in the town of Viladecans, has been designed in 3 phases that include 98,000 m² of offices in 12 buildings. www.viladecansbusinesspark.com



BARCELONA AIRPORT

The Aerospace and Mobility Park is strategically located 5 minutes from Barcelona Airport, the leading European airport in terms of freight transport and the 9th European airport in passenger transport. The recent inauguration of the new T-1 terminal in June 2009 will mean a substantial increase in the number of passengers through this airport, from 30 million to 55 million passengers. www.aena.es



MEDITERRANEAN TECHNOLOGY PARK

Floor space for economic activity, 2009-2013 period

RDIT Building
10,000 m²

University accommodation
6,000 m²

New teaching centres
3,000 m²

New research and development centres
21,000 m²

TOTAL MEDITERRANEAN TECHNOLOGY PARK
40,000 m²

An interesting area for...

Setting up companies that require the services of a top-tier university and its research centres.

The Mediterranean Technology Park is a science and technology park that integrates information and communication technology, aerospace, biological engineering, biotechnology and agro-food engineering, optical and photonic science and technology, geo-information technology and numeric methods in engineering. www.pmt.es



BZ BARCELONA INNOVATION ZONE

BZ Barcelona Innovation Zone is situated in an unbeatable location: near the Barcelona International Airport, the port of Barcelona, main road and rail connections, the future intermodal station of the Baix Llobregat and connected to the center of Barcelona and the metropolitan area by metro lines 2 and 9.

An interesting area for...

The concentration of cultural, food industry and technology activities, which in combination with research, technology transfer and scientific and technical facilities will speed up the development of these sectors in Catalonia.

BZ is transforming 50 hectares of industrial land, on which 1 million m² will be built to house between 200 and 500 companies from the technology, culture and agrifood sectors, creating nearly 20,000 new jobs. www.elconsorci.net



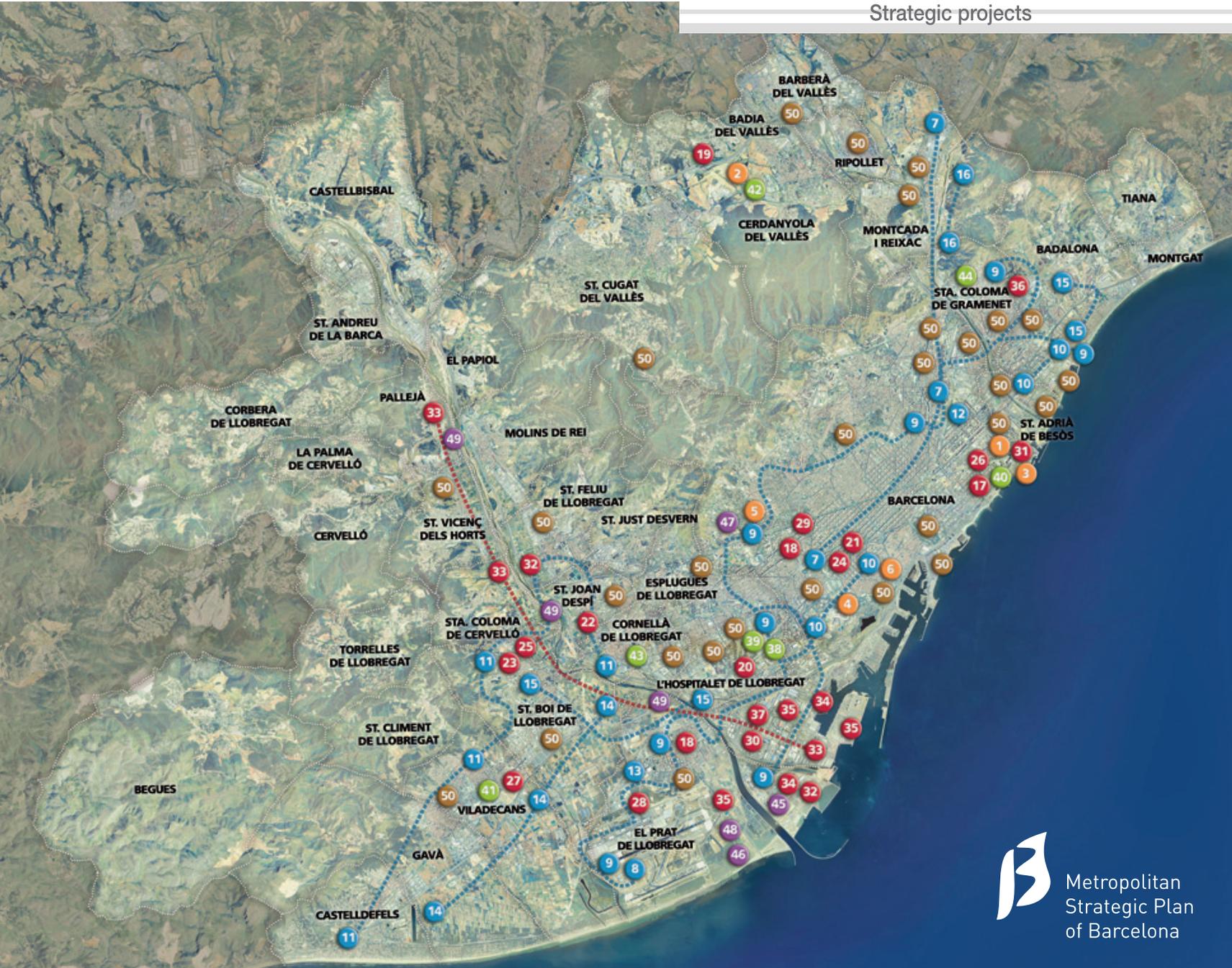
BARCELONA TRADE FAIR CENTRE

This is the location of the Barcelona Trade Fair Centre, a gold-standard exhibition centre in Europe and the leading centre in Spain in terms of area. With more than 80 sector fairs on its books, it plays a strategic role as a platform for economic promotion and international projection of businesses. www.fira.es



Barcelona metropolitan area

Strategic projects



On the back there is a brief description of the projects featured in this map.

For further information please visit:
www.bcn2000.es



Metropolitan
Strategic Plan of
Barcelona

BARCELONA
ECONOMIC TRIANGLE

Barcelona metropolitan area

Strategic projects

The Barcelona Metropolitan Strategic Plan (PEMB) is a non-profit, private association promoted by Barcelona City Council. It brings together the 36 municipalities in the Barcelona Metropolitan Area and the main social and economic institutions. The PEMB's goal is to identify and promote development strategies for the future of the territory. This is the list of the strategic projects in progress in 2009 in the Barcelona Metropolitan Area and shown on the map.

KNOWLEDGE

- 1 b_TEC, Barcelona Technological Innovation**, a new university campus that promotes creative communication in three areas of knowledge: energy, water and mobility.
- 2 ALBA Synchrotron Light Facility**, a third-generation light-source facility to analyse data in all areas of science and technology.
- 3 ITER Project – Fusion for Energy**, an international centre of excellence for fusion research.
- 4 HiT Barcelona**, a global meeting place for the basic components of innovation – research, funding, large enterprises, entrepreneurs – in the most notable sectors.
- 5 MareIncognito**, a project that joins forces of IBM and the Barcelona Supercomputing Center to define the design of the new generation of super-computers.
- 6 Mater. FAD Materials Centre**, a centre that provides services and information on materials and their associated technologies.

MOBILITY AND ACCESSIBILITY

- 7 Barcelona-Madrid-French Border High-Speed Train Line**.
- 8 Extension of Barcelona Airport**, to position it as a top class services and modal interchange platform.
- 9 Construction of Line 9 of the Metro**, to connect the main transport platforms.
- 10 Extension of Line 2 of the Metro to Badalona Centre (north) and the Parc Logistic (south)**, from the centre of Barcelona to its metropolitan area.

- 11 Railway network for the Baix Llobregat**.
- 12 Sant Andreu - La Sagrera: rail system and urban project**, a new activity hub and transport area.
- 13 Draft project for the construction of the new Baix Llobregat intermodal station**.
- 14 Dedicated bus platform on the C-245 road between Castelldefels and Cornellà de Llobregat**.
- 15 Extension of L1 of the metro to Badalona Centre (north) and El Prat de Llobregat (south) and extension of the shunting yard**, improving the metro facilities.
- 16 Laying of double tracks on the Montcada i Reixac - Vic section of Line C3 of the Renfe local rail network**.

PROMOTION OF STRATEGIC SECTORS:

AUDIOVISUAL

- 17 Media-ICT Building (Barcelona)**, for companies and research of Media and ICT clusters.

BIOREGION

- 18 Expansion of Barcelona's Science Park**, quadrupling its surface to provide space for 4,500 research professionals in 2011.
- 19 UAB Research Park**, developing a park for both social and biomedicine-biotechnology research.
- 20 Biopol L'Hospitalet**, a new biotechnology and health sciences research platform with strong synergies between the public sector and private research.
- 21 The Esther Koplowitz Centre for Biomedical Research (CIBEK)**, through a sponsorship agreement.

- 22 The Baix Llobregat Regional Hospital**, a new hospital which takes care specially about energy efficiency and sustainability.
- 23 Sant Joan de Déu Healthcare Park**.
- 24 International Cancer Genome Consortium (ICGC)**.
- 25 Sant Boi, City of Mental Health**, a strategic plan for city branding.
- 26 Blood and Tissue Bank (BST) new building**.

AERONAUTICS

- 27 Consortium for the Development of the Viladecans Mobility and Aerospace Business Park**.
- 28 New airport city of the Barcelona Airport**.
- 29 SMOS space mission**, a project for the first-ever global and systematic space observations of continental soil moisture and ocean surface salinity.

ENERGY

- 30 Zona Franca – Gran Via L'Hospitalet power plant**, with the most efficient and least contaminating energy services.
- 31 IREC, Catalan Energy Research Institute**.

LOGISTICS

- 32 Port of Barcelona Southern expansion**.
- 33 Improving accessibility to the logistics platform of the Llobregat delta**.
- 34 Railway access to the Port of Barcelona**.
- 35 22L. Study of a logistics district in Barcelona**.

AGROFOOD

- 36 Torribera Food Campus**, for research and technology transfer activities around food.

- 37 BZ Barcelona Innovation Zone**, an area of logistics and technology services for advanced industrial technology, food industry and cultural activities.

URBAN INFRASTRUCTURES

- 38 Expansion of the Fira de Barcelona Gran Via trade fair site**.
- 39 Plaça d'Europa Gran Via**, urban planning for the economic district of L'Hospitalet.
- 40 22@Barcelona**, the district of innovation and knowledge-based companies.
- 41 Viladecans Business Park**, oriented toward aerospace companies.
- 42 Parc de l'Alba**, a science and technology park around the synchrotron light source.
- 43 Plana del Galet** leisure and sports area.
- 44 Can Zam Park**, metropolitan urban space for companies and citizens.

SUSTAINABILITY

- 45 Llobregat Basin Desalination Plant**.
- 46 Saltwater intrusion barrier** to prevent and preserve the Llobregat aquifer.
- 47 Sostaqua**, technological research for a self-sustainable urban water cycle.
- 48 CRAM**, Foundation for the Conservation and Rehabilitation of Marine Animals.
- 49 Social and environmental recovery of the fluvial space of the River Llobregat** in the District of Baix Llobregat.

DISTRICTS

- 50 Urban rehabilitation and building social cohesion projects** developed by the Program on *Llei de barris* (Neighbourhoods rehabilitation act, from the Government of Catalonia).

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