

B · S · P

BARCELONA · SYNCHROTRON · PARK

Ready, Steady, Grow!

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February 2020



BARCELONA · SYNCHROTRON · PARK

Public Consortium:



**Ajuntament de
Cerdanyola del Vallès**

Cerdanyola City Hall



INCASÒL
Institut Català
del Sòl

Catalan Land Institute

A strategic project of the Government of Catalonia:

**Catalonia
Trade & Investment**



Generalitat de Catalunya
Government of Catalonia

www.catalonia.com

Local name:



PARCDEL'ALBA

ALBA means DAWN



BARCELONA · SYNCHROTRON · PARK

- European Union, a large and open market with 500 million consumers
- Spain, a gateway to the vast Latin American market and emerging markets of North Africa and Middle East
- Barcelona, a friendly business and R&D city
- BSP, an environment for research and innovation



BARCELONA / CATALONIA

A LIFESTYLE MADE FOR BUSINESS

17°C
AVERAGE TEMPERATURE

500
MUSEUMS

22
SKIING RESORTS

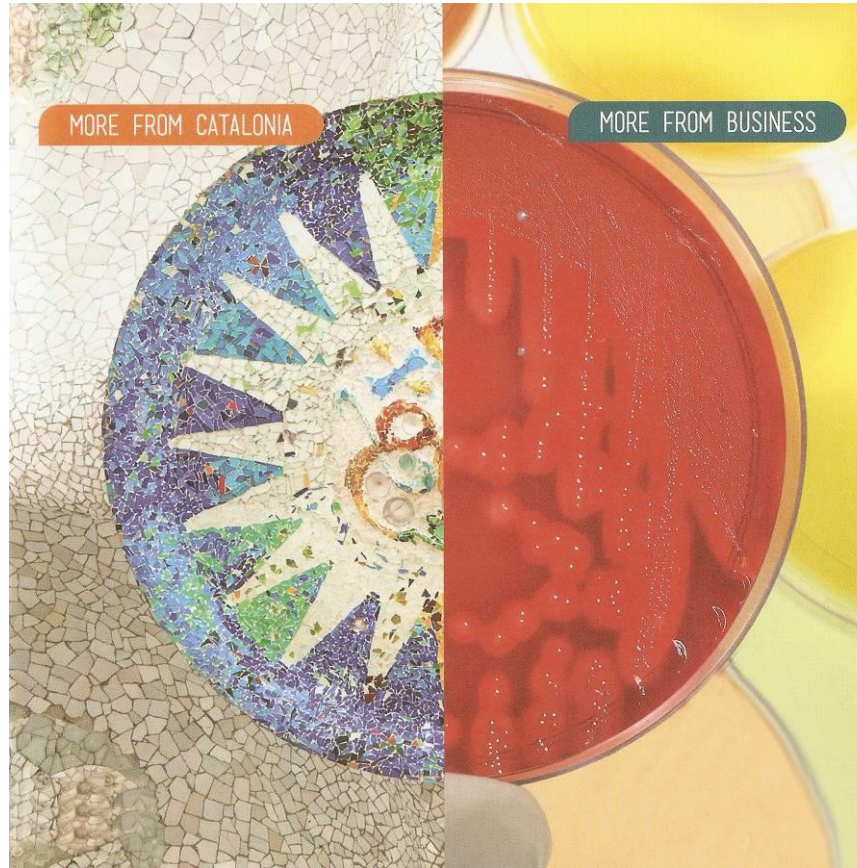
780 km
OF MEDITERRANEAN COSTLINE

53
GOLF COURSES

18.3
MILLION FOREIGN TOURISTS/YEAR

Advanced
HEALTHCARE SYSTEM

17
INTERNATIONAL PRIMARY AND
SECONDARY SCHOOLS



fDiMagazine
THE BUSINESS OF GLOBALISATION

2020/2021
**CATALONIA: BEST SOUTHERN
EUROPEAN REGION**

7.5
MILLION PEOPLE

5.5
MILLION PEOPLE IN THE BARCELONA
METROPOLITAN AREA

8,642
FOREIGN COMPANIES (2018)

€5.05 billion
OF FOREIGN DIRECT INVESTMENT (2016)

€73.9 billion
EXPORTS (2019)

Mobile World Congress
AND OTHER
WORLD CONGRESSES AND FAIRS

52.6
MILLION AIRPORT PASSENGERS (2019)

9,038
SEA-GOING VESSELS (2018)

12
UNIVERSITIES (219,000 STUDENTS)

16
SCIENCE AND TECHNOLOGY PARKS

14
INTERNATIONAL BUSINESS SCHOOLS



BARCELONA · SYNCHROTRON · PARK

BARCELONA





AN ECOSYSTEM FOR INNOVATION, AN ENVIRONMENT FOR BUSINESS



ALBA SYNCHROTRON: TOP SCIENCE FACILITY IN SOUTH-WEST EUROPE



"A giant microscope to study the structure of matter"



AN ECOSYSTEM FOR INNOVATION, AN ENVIRONMENT FOR BUSINESS



industrialoffice@cells.es



CHEMISTRY



ADVANCED MATERIALS



NANOTECHNOLOGY



PHARMACEUTICAL



HEALTH



FOOD AND AGRICULTURE



ENVIRONMENT



AUTOMOTIVE AND AEROSPATIAL



ENERGY



CULTURAL HERITAGE & FORENSIC SCIENCES



LOWER DETECTION LEVELS



CHEMICAL MAPPING



OXIDATION STATE DETERMINATION



HIGHER RESOLUTION



FASTER EXPERIMENTS



WIDE VARIETY OF SAMPLE ENVIRONMENTS



LEAPS

League of European Accelerator-based Photon Sources



SOUTHERN SPAIN

E15 AP-7

UAB UNIVERSITY

#2 Spanish University

#157 Worldwide

(THE 2019-2020 Ranking)

LONDON, PARIS

UAB RESEARCH PARK

INTERMODAL STATION

CERDANYOLA TOWN

BIOLOGIC CORRIDOR



COMPANIES AREA
Barcelona Synchrotron Park



NEW RESIDENTIAL NEIGHBOURHOOD

SANT CUGAT TOWN



PTV TECHNOLOGY PARK

EURECAT TECHNOLOGY CENTER

ESADE business school

ESADE CREAPOLIS

408 ha

TOTAL SURFACE

73% PUBLIC USE

37% GREEN AREAS & FREE SPACE

166 ha

GREEN AREAS

25 ha FACILITIES

69 ha

PRODUCTIVE SPACE

1.39 Mm2 OF FLOOR AREA

30,000 WORKERS

5,377

HOUSING UNITS

(15,000 RESIDENTS)

47% PUBLIC HOUSING

10,000

COMPANIES

WITHIN A 7KM RADIUS

OF THE SYNCHROTRON

COLLSEROLA NATURAL PARK
8,000 ha



AN ECOSYSTEM FOR INNOVATION, AN ENVIRONMENT FOR BUSINESS



Business growth

Basic Science

Services

One stop-shop

Scientific services (ALBA synchrotron, 30 research centers...)

Technical services (Technology centers)

General services (kindergarten, sport, hotels, restaurants, convention center, ...)

Financing solutions

Spaces

Incubator

Accelerator

Business center

Co working space, offices, meeting rooms, conference rooms

Industrial buildings

Plots with heating and cooling district, own electricity supply

6 telecommunications service providers, data centers

Expertise

Technology transfer

Projects management

Patents

Intellectual property

Training

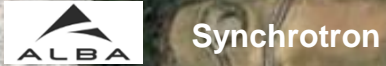


AN ECOSYSTEM FOR INNOVATION, AN ENVIRONMENT FOR BUSINESS

FOR COMPANIES:

69 h. of fully urbanised plots
1.39 Mm2 of floor area

COMPANIES ALREADY ESTABLISHED SINCE 2012:



MAIN INFRASTRUCTURES:



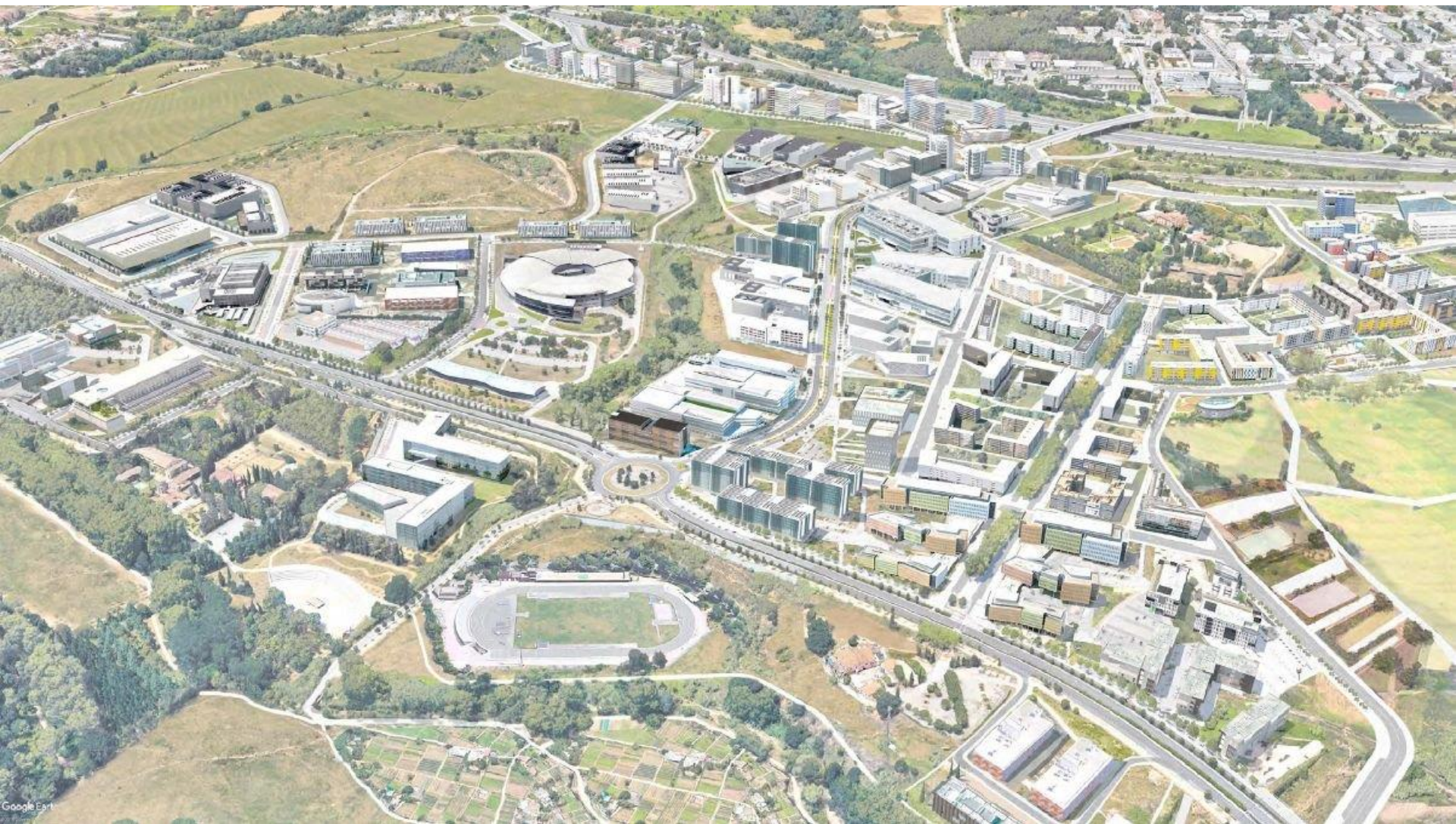


AN ECOSYSTEM FOR INNOVATION, AN ENVIRONMENT FOR BUSINESS





AN ECOSYSTEM FOR INNOVATION, AN ENVIRONMENT FOR BUSINESS



WELCOME TO THE BARCELONA SYNCHROTRON PARK



Barcelona Synchrotron Park - How Ideas Grow (Englis...

