

Foreign Tech Investment in Catalonia, 2019

March 2020



1. Foreign Technological Companies in Catalonia



2. Catalonia, a world-class tech hub



3. On the global radar for technological investment

1. Foreign Technological Companies in Catalonia



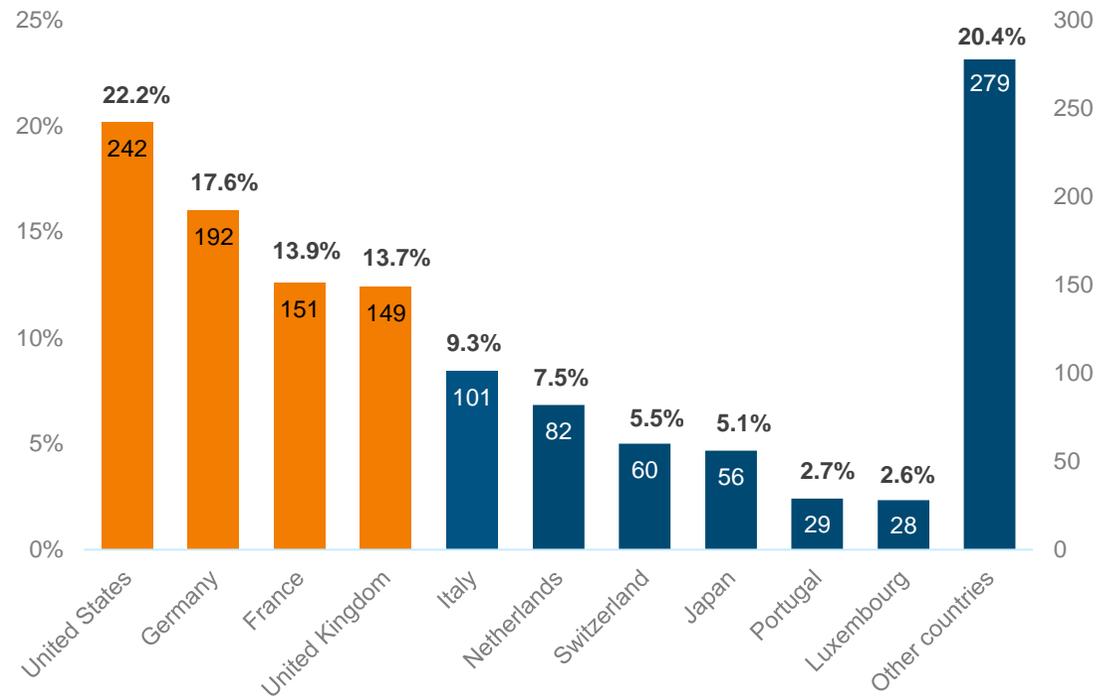
Foreign technological companies in Catalonia, 2019

There are 1,369 technological subsidiaries of foreign companies in Catalonia.

This is an increase of 21% over the companies registered in 2018 (1,082).

More than 50% of subsidiaries of technology companies in Catalonia come from 4 countries: USA (242), Germany (192), France (151) and the United Kingdom (149).

Foreign Technological Companies in Catalonia 2019
(by countries of origin)



2. Catalonia, a world-class tech hub



Catalonia, a unique environment for technological investment

AN ECOSYSTEM SUPPORTING THE TECH INDUSTRY



- 1st best tech city in the world that is not a capital (*Tech Cities, Savills Index, 2019*).
- Barcelona, the 4th most prepared city for the technological future (*Index of Cities Readiness, 2017*).
- Barcelona is the 4th tech city in the world (*Nesta, 2017*).

A WORLD-CLASS INNOVATION SYSTEM



- Barcelona is the 4th most innovative European city (*Innovation Cities Index*).
- Catalonia, first open 5G laboratory in Europe.
- International and local companies choose to invest in R&D in Catalonia.

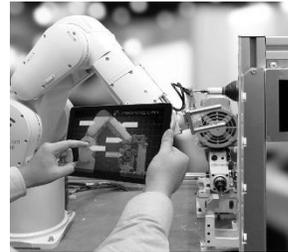


ON THE GLOBAL RADAR FOR TECH INVESTMENT



- The Financial Times has recognized Catalonia as the best region to invest in southern Europe for the third consecutive time.
- Barcelona dominates the European tech investment landscape, behind London, Berlin, Paris and Stockholm (*Innovation Cities Index*).

1ST STARTUP HUB IN SOUTHERN EUROPE



- +1,500 startups and 23% work on ICT.
- 3rd preferred hub by startups founders (*Startup Heatmap Europe, 2019*).



A MAJOR POOL OF LOCAL AND INTERNATIONAL TALENT



- 5th most attractive city among digital experts to move on (*BCG, 2019*).
- Barcelona ranks highly in availability of scientific and engineering talent. There is a significant number of ICT studies in top universities.



MWC & TECH INDUSTRY FAIRS



- Catalonia hosts many renowned international tech events.
- MWC, held in BCN, is the world's main fair of the mobile phone-related industries.

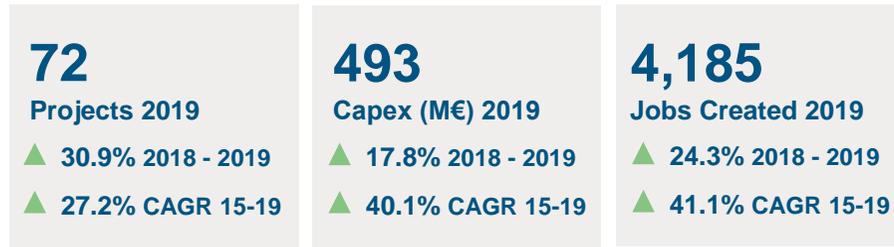


3. On the global radar for technological investment



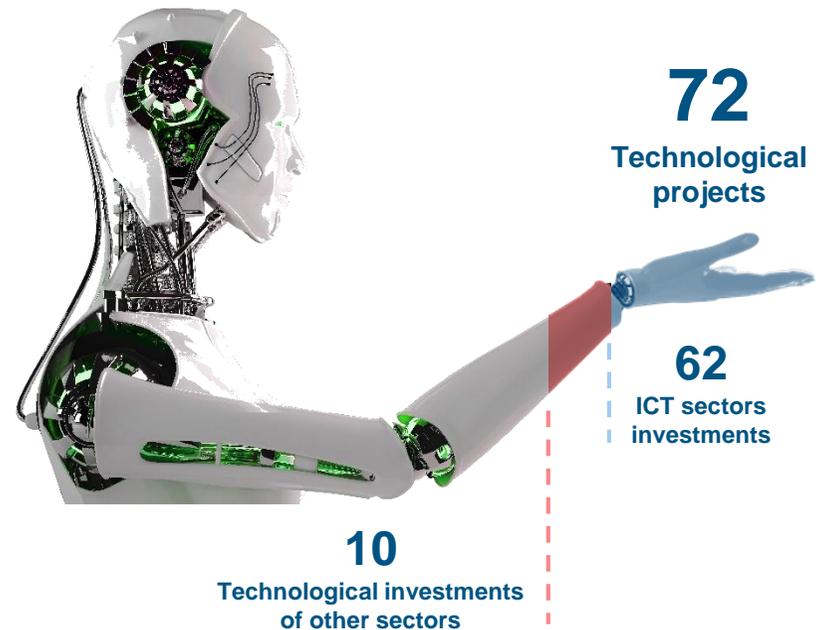
1. Technological investments in 2019
2. Technological investments between 2015 and 2019

Technological FDI into Catalan industry (2019)



○ In 2019, Catalonia was the first technological FDI destination in Spain:

- 42.1% of the FDI projects
- 24.3% of the capex.
- 38.2% of the jobs created.



Top tech investors countries in Catalan industry

Top countries by number of projects

**United States, France
and Germany**

Top countries by capital invested

**United States, Germany
and Switzerland**

75% of the capital received
and 59% of the projects



Countries with the highest technological intensity

Switzerland, UAE and Ireland

with 88.0%, 66.7% and 66.7% of their projects in Catalonia
being investment in technology

Top 15 investment source countries*



Foreign investments in technological fields, 2019

ICT

E-commerce and distribution

Other sectors

1ST BEST TECH CITY IN THE WORLD THAT IS NOT A CAPITAL
(Tech Cities, Savills Index, 2019)

Barcelona, the **4th** most prepared city for the technological future. (Index of Cities Readiness, 2017)
European Cities of the Future 2020/21

Industry 4.0 and 3D printing

Videogames

Digital Content

Life sciences

Tourism and Leisure

Finance and insurance

Source: EIC (DGI – ACCIÓ)

Note: The companies that are shown on this page are those who have technological investments during 2019, whether productive investments or acquisitions of companies in a particular sector. In the case of acquisitions, the logo of the company that acquires is placed within the sector of the acquired company.

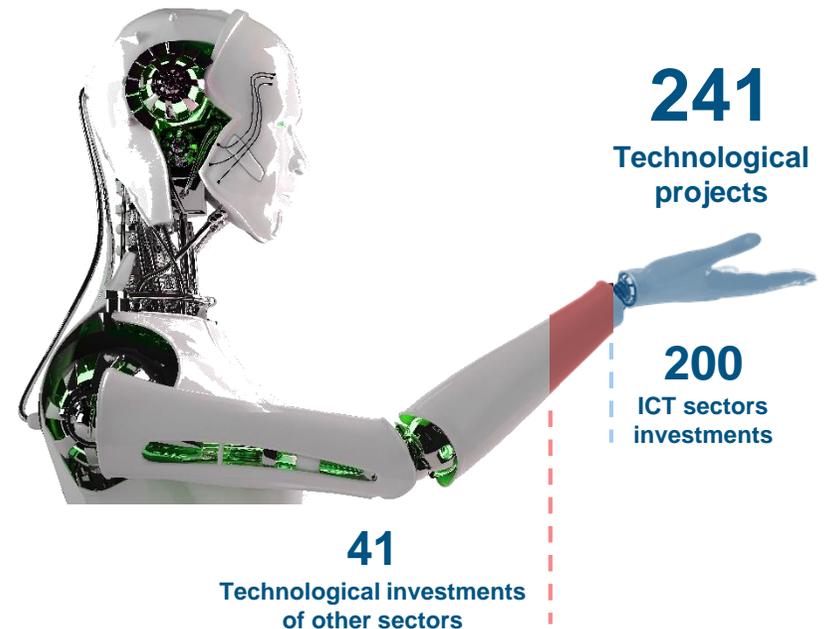
3. On the global radar for technological investment



1. Technological investments in 2019
2. Technological investments between 2015 and 2019

Technological FDI into Catalan industry (2015-2019)

<p>241 Projects (15-19) ▲ 69.7% 2010-2014</p>	<p>2,363.2 Capex (M€) 15-19 ▲ 38.2% 2010-2014</p>	<p>13,537 Jobs created 15-19 ▲ 50.6% 2010-2014</p>
<p>72 Projects 2019 ▲ 30.9% 2018 - 2019 ▲ 27.2% CAGR 15-19</p>	<p>492.8 Capex (M€) 2019 ▲ 17.8% 2018 - 2019 ▲ 40.1% CAGR 15-19</p>	<p>4,185.0 Jobs Created 2019 ▲ 24.3% 2018 - 2019 ▲ 41.1% CAGR 15-19</p>



○ Between 2015 and 2019, **Catalonia was the first technological FDI destination in Spain.**

- **43.3%** of the FDI projects
- **33.6%** of the capex.
- **43.2%** of the jobs created.

Top tech investors countries in Catalan industry

Top countries by number of projects

United States, France and Germany

Top countries by capital invested

Switzerland, France and United States

76% of the capital received
and 70% of the projects



Main technological countries

Ireland and Taiwan

with 80.0% and 60.0% of their projects in Catalonia being investment in technology

Top 15 investment source countries*



Note: The investments made in the ICT sector (Software and IT Services, Communications, Business machines and equipment) and in technological activities in other sectors (ICT & Internet Infrastructure, R&D and Technical Support centre) have been considered technological investments..

*Countries sorted by number of projects

Source: EIC (DGI – ACCIÓ) based on fDi Markets, 2015 - 2019

Leading business stakeholders share different reasons why they chose Catalonia to set up tech investment

SIEMENS

This German company is considered Europe's largest industrial manufacturing company

"Barcelona has a large ecosystem of startups and international clients"

SCOPELY

A US company, developer and publisher of mobile games

"The talent coming out of both universities and tech in and around Barcelona is top-quality"

UNIVERSAL ROBOTS

A Danish manufacturer of industrial collaborative robot arms

"Barcelona gives us access to qualified resources, the ability to attract talent from all over the world, a vibrant business activity and good infrastructures" - Jürgen Bon Hollen, Universal Robots president.

ACTIVISION BLIZZARD King

A UK mobile game developer

"Barcelona has a rich conglomerate of multinationals, together with small, local companies that make it a rich ecosystem"

BANDAI NAMCO

A Japanese video game development and publishing company

"Barcelona is a hotbed for international video game development and home to the best talent the mobile industry has to offer"

Adevinta

A Norwegian company leading online marketplaces in 16 countries

"Barcelona offers a strategic location and a relevant technological hub"

Source: Catalonia Trade & Investment

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