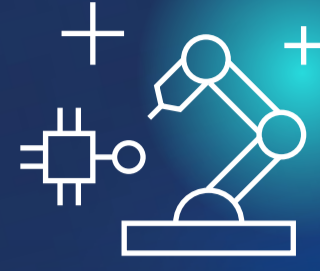


BARCELONA DEEP TECH NODE

Accelerating market access to scientific and technological start-ups and spin-offs

What are Deep Tech start-ups and spin-offs?

They are companies that offer products and services derived from a scientific discovery or a disruptive technological innovation.



Characteristics of Deep Tech start-ups and spin-offs



Long R&D processes

The time to market is long.



High amounts of investment

to validate the business model.



The promoting team has a scientific profile

They lack business-oriented profiles.



They have a very high risk

technologically and commercially.

What is Barcelona Deep Tech Node

It is a strategic alliance between Barcelona Activa, UB, UAB, UPC, UPF and UOC to position Barcelona as a benchmark city in the field of scientific and technological entrepreneurship.

The objective is to promote the creation and growth of start-ups and spin-offs with a global vision within the Deep Tech field.

Financing

Specialized Investment Forum
Processing of public funding instruments

Market access

Proofs of Concept
Connection with corporates



Talent

Mentor in Residence
Job Market Place

International Promotion

Barcelona Deep Tech Summit
Deep Tech Community

Benefits for Barcelona



Generation of economic activity and high-quality employment:

research and technology transfer are the best mechanisms to transform science into an economic activity with qualified job positions.



Concentration and attraction of highly qualified local or international talent:

a strong Deep Tech ecosystem in the city attracts more international talent. Barcelona is the third most preferred European city for entrepreneurs.



Attraction of foreign investment:

according to Biocat, in the year 2014 there were 6 international investment funds operating in the ecosystem. Now there are more than 70.



Attraction of R&D and technology-intensive multinationals:

the scientific and entrepreneurial commitment is one of the factors of attracting global R&D-intensive corporations.



High social impact ecosystem:

Deep Tech start-ups and spin-offs offer disruptive solutions to the most complex social problems: health and climate change, and SMEs: digital transformation.



Positioning of the city:

Barcelona and Catalonia are positioned in a global context as innovative environments where investigation and talent from universities are connected with the market and the corporate world.

Deep Tech technologies

Photonics and Electronics

Biotechnology

Artificial Intelligence (AI)

Blockchain

Robotics

Advanced materials and nanotechnology

Quantum computing

Impact data

SOURCE: DEALROOM

13.2%

Barcelona concentrates a higher number of Deep Tech start-ups and spin-offs (13.2%)

compared to cities such as London (7.5%), Paris (9.3%), Berlin (9%) or Amsterdam (7.5%).

12%

At least 12% of them have a female co-founder.

+50%

More than 50% of the Deep Tech start-ups and spin-offs in the city have raised financing rounds.

+100

Currently, more than 100 Deep Tech start-ups and spin-offs have between 10 and 50 workers and more than 30 are employing more than 50 people.

25%

The Health sector has a very prominent presence, with almost 25% of Deep Tech start-ups and spin-offs linked to this sector.