

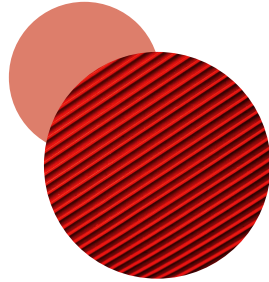
The background features a blurred image of two individuals, a man and a woman, engaged in a conversation. The man is on the left, gesturing with his hand, and the woman is on the right, smiling. Overlaid on this is a white network diagram consisting of interconnected nodes and lines. The nodes are represented by small circles in various colors: orange, yellow, green, and red. The overall color scheme is a solid blue gradient.

Generating innovation through knowledge transfer



More than 30 departments and research institutes
More than 205 research groups

A network of **core research facilities**,
playing a prominent role in
innovation and
development,
and **turning ideas into reality.**



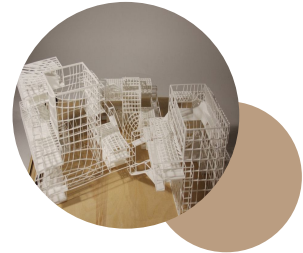
MATERIALS
TECHNOLOGIES



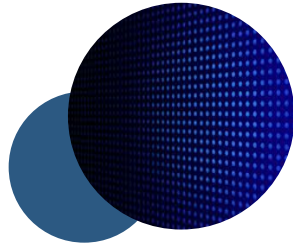
ADVANCED
MANUFACTURING



ENERGY &
ENVIRONMENTAL
TECHNOLOGIES



URBANISM &
SUSTAINABILITY
TECHNOLOGIES



INFORMATION &
COMMUNICATION
TECHNOLOGIES



BIOMEDICAL
ENGINEERING



CHEMICAL & FOOD
INDUSTRY



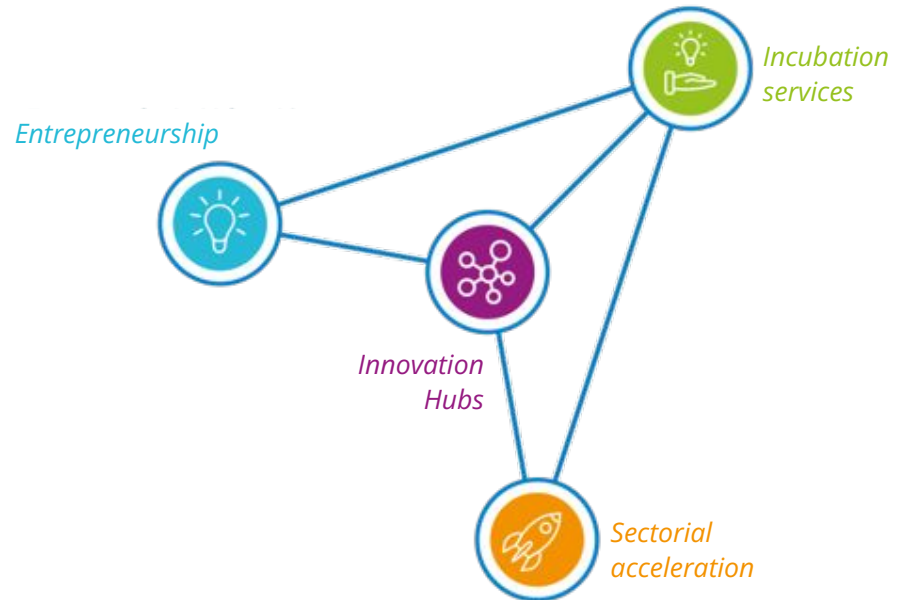
LOGISTICS &
MOBILITY



INFRASTRUCTURES
TECHNOLOGIES

UPC Innovation Ecosystem

4 areas, working together to promote innovation and entrepreneurship.



The UPC is committed to build on an strategy to generate spaces of excellence among its different campus, orientated to the promotion and management of the innovation processes that are gestated inside the UPC and its community (researchers, students, former alumni, incubated companies, etc.)

The mission for the UPC Innovation Ecosystem is a better exploitation of the different UPC Innovation resources and an increased capacity for generating innovation, directing it to the territorial industrial fabric with the aim of increasing its competitiveness and positioning the UPC as a reference partner and as a provider of innovation processes for companies.

At the UPC Innovation Ecosystem, especially designed tools and programs connect in order to conceive:



Capacitation of Talent UPC

In the innovation and entrepreneurship fields.



Preparation & Filtering

Of technologically based projects and corporate acceleration programs and technological scouting.



Generation & Growth

Of innovation projects



Manage Innovation

Through the innovation Hubs and the different programs they could generate. (Public-Private)

UPC Innovation Ecosystem

“Alone we can do so little; together we can do so much.”

- Helen Keller -

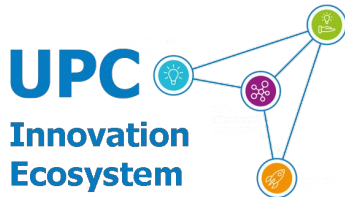
Classical University model

Isolated services: Patents Office, Licensing, Contract research, Isolated and punctual relationships with the companies.

VS

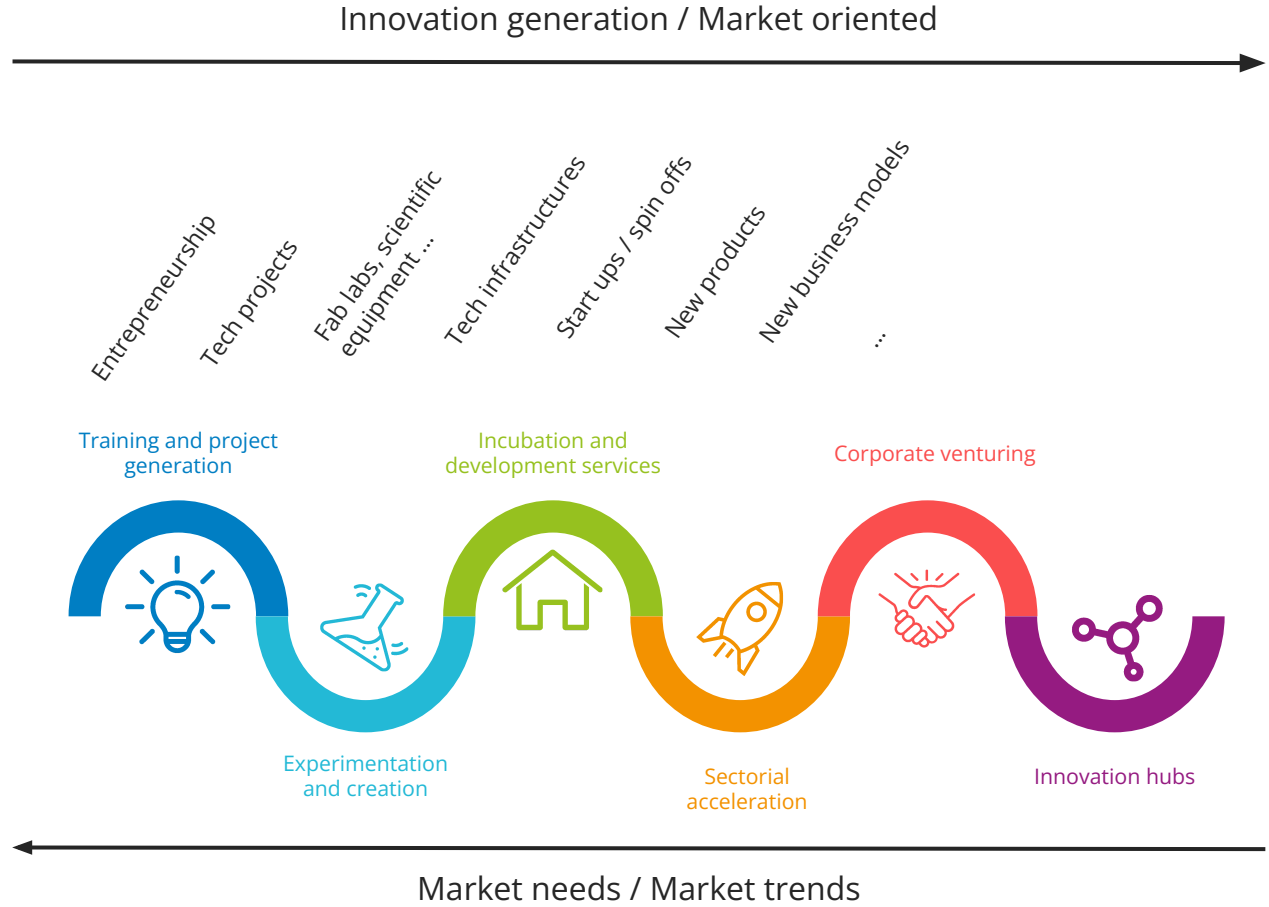
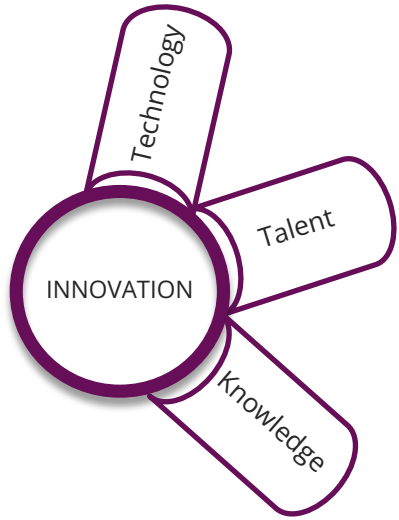
New model

More complex and interconnected system.
Collaborative research and development



The most effective solution is to network in a context of open innovation. Sharing risk and reward with other partners.

Much of the funding for innovation is aimed at promoting cooperation between the companies and academic institutions.



Corporate venturing



Innovation hubs



UPC as a company technology partner for the generation of innovation.

*"Corporate Venturing is a new form of corporate entrepreneurship, used by the companies to **dynamize their innovation processes**, through **collaboration with entrepreneurs and startups**.*

*It allows the companies to **capture new talents and new business models**."*

In this sense, Innovation HUBs become the tool to generate Open Innovation for the companies.

The main objective pursued in the development of Corporate Venture tools within the UPC Innovation Ecosystems is to provide companies that want to innovate, those elements necessary to help them in their Corporate Venture strategy, becoming a partner of the UPC Innovation Ecosystems.

Through the Innovation HUBs, companies can design their open innovation itinerary, taking advantage of the talent, knowledge, technology and innovation capabilities existing at UPC Innovation Ecosystems.

How can we collaborate?

Corporate Venture

Corporate incubation programs, Pre-incubation programs, incubation corporate filtering, etc.

Collaborating with startups to use them as engines of innovation generation and taking advantage of their entrepreneurial culture.



Interim Innovation

Making Interim Management work in the UPC, establishing a working space within the SGI UPC to coordinate the interests and programs of interest, facilitating the transfer of knowledge to the company.



Open Innovation

Open channels of innovation beyond R & D+I and internal innovation units. Positioning the UPC as a technological partner in which companies can rely on for their innovation processes.



Bilateral Programs

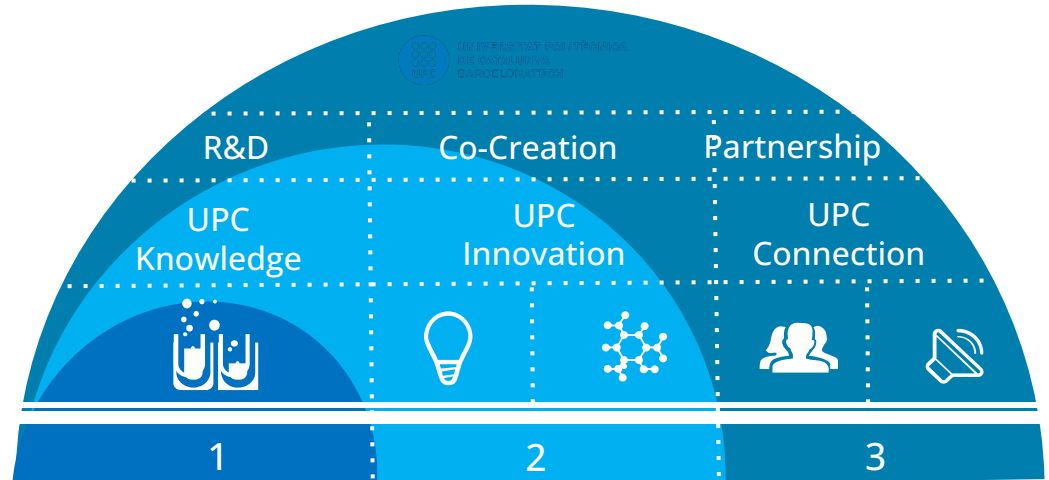
Generating business projects oriented to the interest of the companies. Development of technologies aimed at solving market needs. Generation Challenges and innovation through programs talent UPC can provide solutions.



The **Innovation Hub's** Concept is based on the establishment of a **UPC & COMPANY partnership** to facilitate the **access to UPC Talent, the UPC Knowledge, and the generation of innovation (Open Innovation)**. The Innovation HUB will be the framework of our collaboration in the short and medium term (time horizon 3 years), and will include those actions and programs of interest for the COMPANY.

The Innovation HUB is **conceptualized as a work environment**, led and coordinated by UPC, **in-house UPC**, ensuring the correct execution of the different programs of interest for the COMPANY. The UPC & COMPANY will define and determine what kind of actions they want to carry out within the framework of the UPC INNOVATION HUB. The concept of **the INNOVATION HUB is dynamic, and therefore expandable and moldable over time**. Consequently, it will be able to pivot to adapt itself to the needs and innovation strategy of the COMPANY at all times.

- 1 UPC Knowledge**
Knowledge visualization or Knowledge generation in specific domain of interest
- 2 UPC Innovation**
Direct interaction with UPC talent in the field of Open Innovation generation.
- 3 UPC Connection & Collaboration**
Visibility and connection of COMPANY with the UPC Community and its Activity



- **UPC Innovation Management dedicated:** 1 Innovation Manager staff of UPC Innovation Unit will manage and will coordinate the work plan validated.
- **UPC In house Management of Innovation Actions at UPC:** The 'Company' Manager lead the innovation actions defined on work plan into UPC. It will coordinate people & resources dedicated to implement these innovations actions, looking after the interests of the Company.
- **Access and connect to open innovation & business community :** With the generation of the innovation HUB, the Company becomes part of the UPC innovation ecosystem, and will therefore allow him to be able to access the community that conforms to it. The Hub Manager will ensure that the Company can get to know and interact with the ecosystem of innovative projects, startups, corporates, researchers, etc.
- **Access to project & funding opportunities:** Thanks to the collaboration between UPC and the Company, the knowledge of calls for research projects and the generation of partnerships will be made possible.
- **Access to Student & Education Community:** As a result of some activities included in the work plan, the Company will be able to have access to the approach and scouting of UPC talent related to the different activities, with the aim of attracting UPC talent to the Company.
- **Link & Connect others Innovative Business Networks :** Hand in hand with the UPC, as a partner of the UPC Innovation Ecosystem, and thanks to the relevant role of the latter in the territorial innovative ecosystem, the Company will be connected to reference ecosystems beyond the UPC itself.
- **Side by Side work to define Work Plan:** The HUB generation arises as the result of a two-way collaboration between UPC and the Company, with which the work plan will be defined and redefined as deemed appropriate at all times. The content of the Innovation Hub will always be directed to the Company innovation interests.



Resources & Activities

Some examples of Innovation Hub's activities

- **Center of Competence - CoC**
Creation of a center in which **research projects are developed** around a **specific area** to **generate knowledge and innovation**.
- **Industrial Doctorate**
Deep research in an **specific field** that is of interest to the company.
- **UPC Technical Scouting Program – SCOUTUPC**
Aims at **identifying opportunities for technological innovation**, using the UPC's innovation ecosystem as a **pool of capabilities technologies and solutions** in which to find those that can best be adapted to the strategic objectives of each company.
- **Technological RUMP UP**
Acceleration of technologies of interest to the company.
- **Technological entrepreneurship laboratory – LET**
Generation of a **program**, within the UPC emprèn program, **for the emergence of solutions** to a business need.
- **Hackathon/Ideathon**
Competitive event in which people work in groups, with **the goal of creating a functioning product by the end of the event**.

Some examples of Innovation Hub's activities

- Innovation Challenges to the UPC Student community
Access to TALENT UPC and **generation of seeds of innovative solutions** to challenges posed by the company.
- R&D Challenges to the UPC research community – UPC-SOLUTIONS
Aims at **promoting relevant R&D projects** to be carried out by the UPC, which address Innovation Challenges posed by companies.
- Scouting Startups & new Innovative Projects Program – SEEKTECH
Aimed at **immersion and knowledge of the ecosystem of spin off and start ups incubated in the UPC crown** and that may be of potential interest to the company.
- Incubation and sectoral acceleration
Creation of an incubator or accelerator of projects or star ups of interest to the Corporate.
- Participation in UPC Innovation Events or Sidetalks

UPC Innovation Ecosystem

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Innovation HUBs Manager.

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