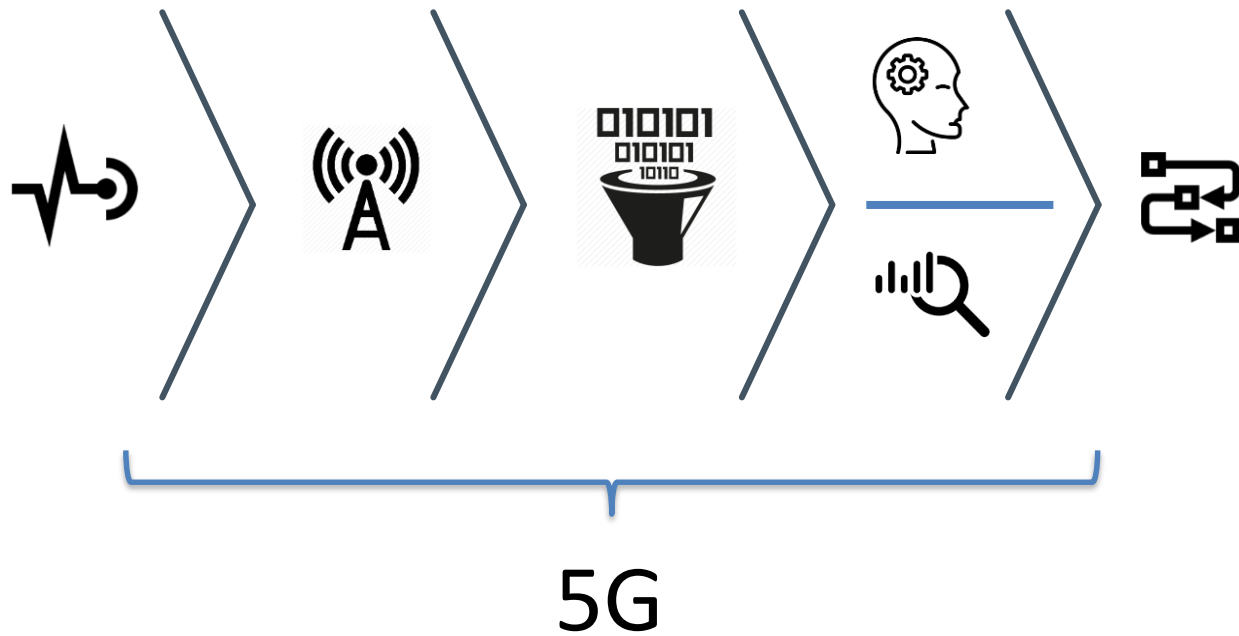
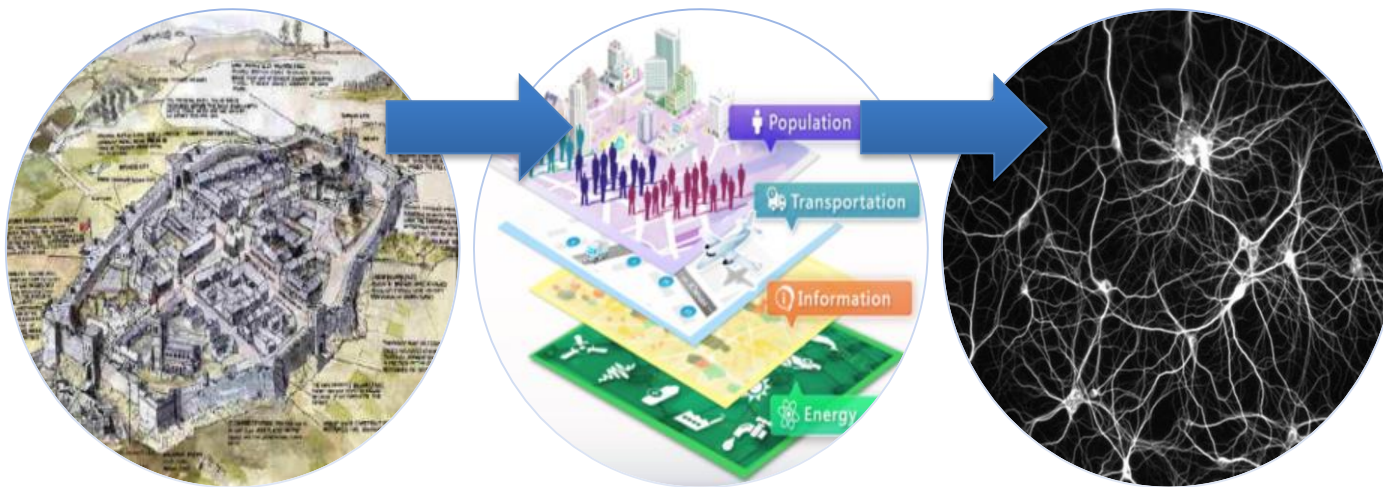


Barcelona

City-Wide Field and Lab Trials

5G





What is 5GBarcelona?

5GBarcelona is a **public-private initiative** that will offer an **open and neutral 5G digital hub** for the **validation and adoption of 5G technologies and applications** in a real environment.

It is promoted by:

- Fundació Mobile World Capital Barcelona
- Barcelona City Council
- Government of Catalonia
- Fundació i2CAT
- Centre Tecnològic Telecomunicacions Catalunya (CTTC)
- Universitat Politècnica de Catalunya (UPC)
- ATOS



What 5GBarcelona can offer ?



Create business opportunities

- Facilitate the activity of the 5G ecosystem players
- Promote public-private partnerships and co-investments
- Explore and create business around 5G
- Explore and develop new business models



Foster the adoption and validation of 5G technologies

- Facilitate the deployment of 5G infrastructure
- Test, prototype and implement 5G solutions
- Define good practices in the deployment of 5G networks



Awareness

- Give visibility to 5G solutions and services
- Disseminate activities related to 5G
- Export solutions to generate opportunities



Knowledge

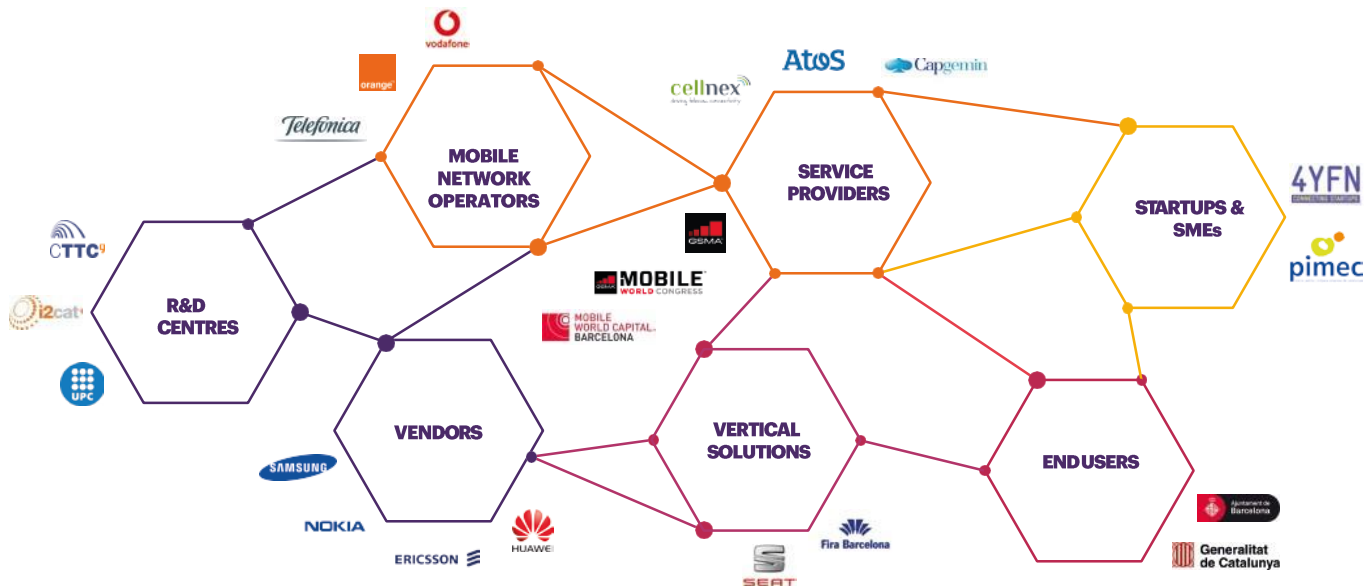
- Promote research and innovation around 5G
- Knowledge generation
- Talent pool (create, attract and retain talent)



Why Barcelona?

The ideal ecosystem.

5GBarcelona aims at pioneering the ecosystem where companies, institutions, entrepreneurs and innovators can create and develop these opportunities.



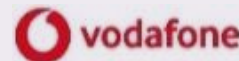
Autonomous vehicle in advanced manufacturing and logistics



Manufacturer



Connected operating room for telestration services



Collaborative robotics in factory



City Infrastructure



Connected vehicle



5G Lab in Pier01



INTERNET OF THINGS

**THE
THINX**

- Creating ecosystem (in Pier01)
- Beyond a common laboratory – Open laboratory and connected with 5GBarcelona nodes
- With worldwide-known manufacturers with pre-commercial 5G equipment
- Engineers support for integration needs
- Valuation of opportunities
- Time-to-market Shortening

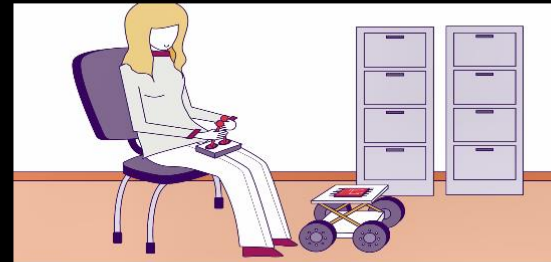
ENTERTAINMENT



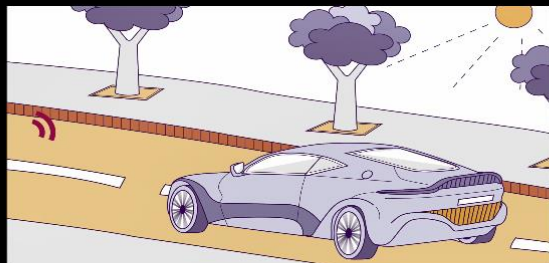
HEALTHCARE



INDUSTRY



AUTOMOTIVE



MEDIA



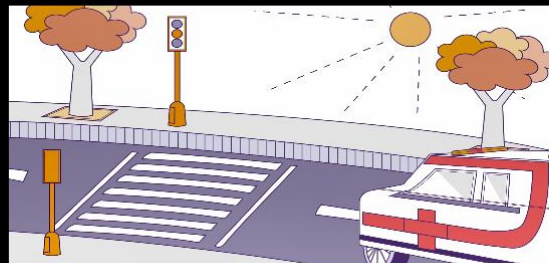
SECURITY



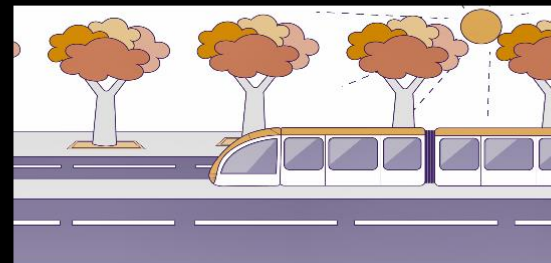
LOGISTICS



EMERGENCY



MOBILITY / TRANSPORT



An aerial photograph of Barcelona, Spain, showing the dense urban grid and the Mediterranean Sea in the distance. Overlaid on the image is a network diagram consisting of colored lines (purple, orange, red, yellow) connecting various points across the city, representing a 5G network layout. A large white rounded rectangle is centered in the middle of the image, containing the text 'Thank you!'.

Thank you!

Carlos Cuffí

Director de 5GBarcelona a Mobile World Capital Barcelona i
responsable de l'Observatori Nacional 5G

info@5gbarcelona.org