

Barcelona Sci3nc3 Plan



Barcelona Science Plan

The aim behind the Barcelona Science Plan is to bolster our city as the European capital of research and innovation. The plan, which will be rolled out through collaborations and agreements between research centres and enterprises, universities, authorities and the public, will revolve around three key pillars: municipal support for research and innovation; the consolidation of Barcelona's scientific capital and giving impetus to an urban innovation laboratory.

Barcelona has a research and innovation ecosystem that positions it as one of the leading European capitals in science. We have got professionals, students and researchers, a very extensive network of top-level research centres and public universities and a very powerful and innovative productive community. That is why we, at Barcelona City Council, are convinced that it is more necessary than ever for us to have a broad city consensus to consolidate Barcelona and raise its international profile as a city of science. The reason behind this is to improve the quality of life of residents and for Barcelona to contribute to tackling the big challenges facing cities in the 21st century, such as population-ageing, mobility and protecting the environment: To contribute innovative and disruptive solutions which most often arise from cutting-edge scientific research. Barcelona also aims to be a benchmark in implementing and deploying the most advanced, innovative and imaginative technologies, some of which are already being put into operation in our city and the metropolitan area itself.

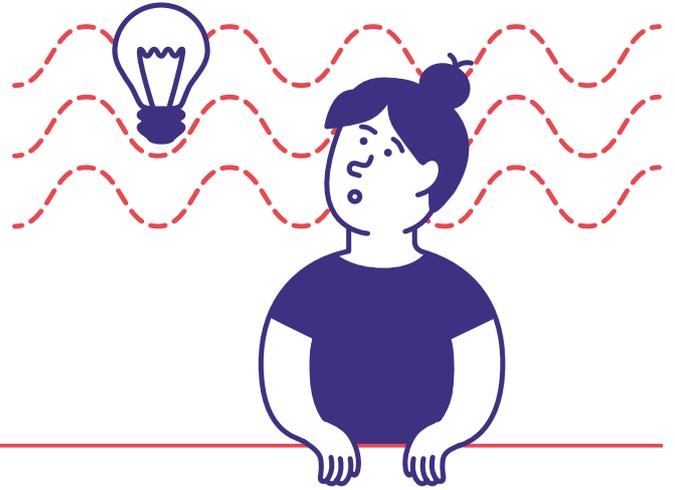
As a global city, Barcelona is facing many challenges of the highest order: inequalities, climate change, energy transition, digitisation of the economy and society and so on. We are convinced that we will be able to succeed in doing all that. However, we wish to do so the Barcelona way, without leaving anyone behind, so that all city residents can live in the neighbourhood they want and benefit from the city's progress. Making Barcelona a city of science means promoting a new economic model, with a long-term outlook and more inclusive and prosperous approach, where science and innovation play an essential role. And that also means boosting the city's scientific culture, making science a shared value for all city residents, not only the heritage of a few people. We are aiming, therefore, to make Barcelona a scientific capital on a European and global scale. And we wish to do that with each and every one of you, entrepreneurs, researchers, local residents, universities and enterprises. The challenge is worth it.

Ada Colau, *the Mayor of Barcelona*

The three pillars and ten strategic lines

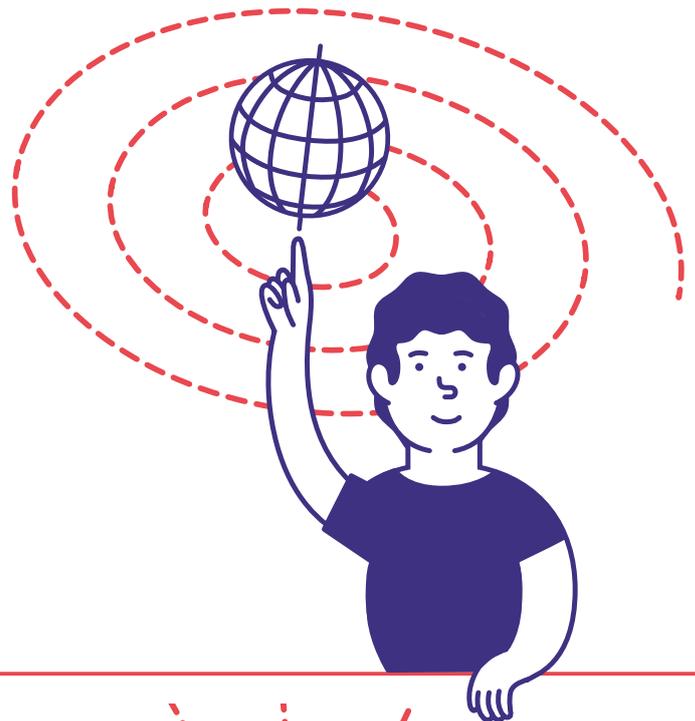
Municipal support for research

- 01** New lines of funding for research and innovation projects launched and implemented by the research and technology centres of the city and its metropolitan area.
- 02** Offering housing at affordable prices for researchers, with special emphasis on the La Marina neighbourhood.
- 03** Launching urban projects that catalyse research and innovation projects in the city, to once again convert Parc de la Ciutadella into a Ciutadella of Knowledge.



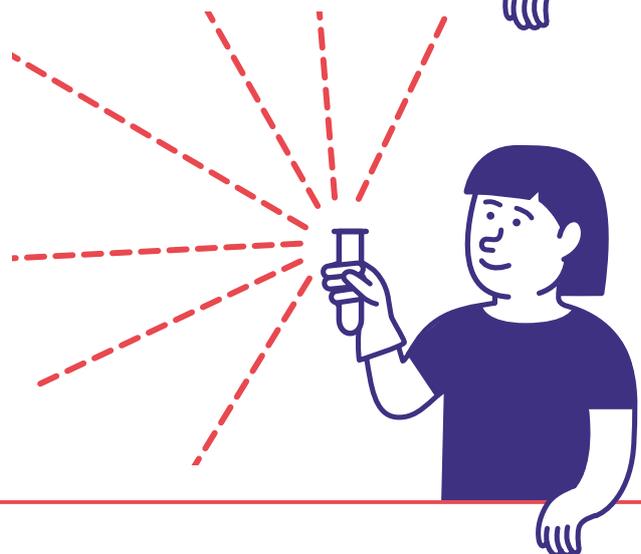
European capital of science

- 04** Creation of the Hypatia European Science Prize, awarded annually.
- 05** Constitution of an advisory scientific council to involve research talent in the deployment of the Science Plan.
- 06** Promotion and support for the STEAM and Escolab projects, which help to generate scientific vocation in primary and secondary schools (especially for young girls and teens) under the guidance of those researchers, and to showcase women researchers.
- 07** An alliance with CERN, the European Laboratory for Particle Physics, to promote the arts and sciences, under the Collide programme, which will enable combined artistic residence at CERN and a Barcelona creation factory, as well as rolling out educational initiatives on the inter-relation between science and art.
- 08** Promoting forums for reflecting upon and disseminating science which encourage the active intervention of city residents, based on both consolidated projects (Science Festival, the Citizen Science Office) and also new initiatives such as the City and Science Biennial (February 2019).



Urban innovation laboratory

- 09** Promoting urban innovation spaces, such as the i.Lab experimentation laboratory, through the Bit Habitat Foundation and the strengthening of the Decidim programme, which revolve around open collaboration between city residents, universities and research centres, the productive and entrepreneur community and the city Government itself. And connect these with similar initiatives from other international cities.
- 10** Reinforce the connection between science and research teams and the fairs and conferences that are held in Barcelona, so they become a driving force behind the city's innovative ecosystem.



Vision for the future

We aim to give a new impetus to Barcelona as a European capital of science, by accompanying and creating a favourable environment for the city's research and technology centres, universities and entrepreneurial and productive network to deploy innovative solutions in the fields of quality of life and ageing, as well as mobility and respect for the environment. This boost to research and innovation will be based on technological sovereignty, public-private and community collaboration and involvement from the city's research ecosystem, through a commitment to a plural and multi-disciplinary approach. Finally, the aim is for this commitment to science to result in improved living conditions in the city, in a way that will benefit all the city's residents.

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