



## Barcelona and Paris join forces at the Fab City Summit 2018: the global initiative for the productive city

- Paris hosts the world event "Fab City Summit 2018", an event where public institutions, industry and social partners design the transition to productive cities.
- Barcelona is the driving force behind this initiative, born in 2014, which aims to form a worldwide network of locally productive and globally connected cities.
- The Fab City Summit in Paris 2018 will feature international speakers such as Neil Gershenfeld, Saskia Sassen, Danielle Wood and Dave Hakkens, who will debate global challenges such as climate change and social inequality, and how to approach the use of technology to boost a new urban model for 21st-century cities.

The Fab City project, as a global initiative, has as its main objective the development and implementation of an action plan for cities to move from an extractive urban model to a regenerative and circular model. Fab City drives a model for collaborative and productive cities capable of using cutting-edge technology and sharing knowledge globally to create new opportunities and re-balance the impact our society has on the planet. **On 11, 12 and 13 July, the Fab City initiative, in collaboration with the City of Paris and the European Union, will be bringing together cities from all over the world in Paris for the 2018 Fab City Summit.**

This world summit of cities, and their innovation ecosystems, will be attended by **Mayor Anne Hidalgo**, in her role as leader of the European Capital of Innovation 2017 (iCapital), to introduce the opening ceremony of the event in which other renowned municipal figures such as **Mayor Ada Colau** will participate, representing **Barcelona as the city that promoted this initiative in 2014, and which was the first recipient of the iCapital award in the same year.** In addition to representatives from more than 20 cities belonging to the iCapital and Fab City networks worldwide, the event will be attended by the **European Union Commissioner for Science, Innovation and Technology, Carlos Moedas**, as well as the official participation of the United Nations Industrial Development Organization.

The event is a unique example of collaboration between citizen innovation initiatives, makers, innovation ecosystems, industries and city governments, and will take place in the Parc de la Villette in Paris and has a program of activities, lectures and a campus aimed at sharing local experiences globally to consolidate this global network of cities that aims to produce everything that is consumed in 2054. The event includes two days of high-level international lectures and speakers such as **Neil Gershenfeld**, the founder of the Fab Labs network devised at MIT's Center for Bits and Atoms; **Saskia Sassen**, professor of Sociology at Columbia University, who

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coined the term Global City, and **Dave Hakkens**, Dutch industrial designer and founder of the Precious Plastic circular economy community.

Fab City Global Initiative is an international initiative powered by the **Institute for Advanced Architecture of Catalonia (IAAC)**, the **Center for Bits and Atoms of MIT**, the **City Council of Barcelona** and the **Fab Foundation** to develop a network of cities that share a sustainable ecosystem of production and knowledge, with environmental, social and economic objectives that change the lifestyle based on massive consumption and linear economy.

To date, more than 18 cities are part of the worldwide Fab City network, including **Barcelona, Amsterdam, Paris, Toulouse, Boston, Somerville, Cambridge, Ekurhuleni, Kerala, Georgia, Shenzhen, Bhutan, Sacramento, Santiago de Chile, Detroit, Brest, Curitiba**. The project consolidates with the Fab City Summit 2018 a global collaboration between innovation ecosystems, governments and industry that is enabling the transition to more sustainable and productive cities over the next 36 years.

## **Barcelona, promoter of the Fab City**

Barcelona is committed to becoming a city that produces everything it consumes locally by 2054. In the Poblenou neighbourhood of the Catalan capital, work has been underway since 2014 with one of the first tests of a **Fab City**, now translated into the **Maker District**, promoted by the Barcelona City Council in collaboration with the local ecosystem of makers and creative communities. Here, it is sought that food, materials and products are no longer produced thousands of kilometres away, but are conceived, designed and even grown within urban boundaries.

The movement of the Fab Cities is derived from the very principles of the circular economy and follows the model of the manufacturing laboratories (Fab Labs), now spread throughout the world. Fab Labs are physical places where spaces, technologies, software, tools and various types of craftsmanship are shared for rapid prototyping of new products, often linked to digitalization and sustainability.

Food, materials and processes are interrelated in an ecological system capable of drastically reducing the need for raw materials and energy while re-using local resources and materials. From here, the **Fab City Research Laboratory of IAAC (Institute for Advanced Architecture of Catalonia)**, created the first prototype of **Fab City in Poblenou** in collaboration with **IKEA** and **Space10**, with the idea of creating a network within the city of Barcelona, capable of communicating, producing and sharing, thus reducing consumption, waste, emissions related to industrial production and manufacturing while promoting a more sustainable economic model.

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