

IT HAS A WORKFORCE OF MORE THAN 5.000 EMPLOYEES WORLDWIDE

Hamamatsu Photonics, a world leader in photonics technology, joins DFactory Barcelona

- The international company, founded in Japan and specialized in photonic technology, manufactures all types of sensors or optical emitters for manufacturers in sectors as varied as medical, industrial or automotive instrumentation.
- The companies installed in the industry 4.0 technology hub promoted by the CZFB have the possibility of generating synergies and establishing alliances with the rest of the organizations present in the building.

Barcelona, May 8, 2024.- DFactory Barcelona, the industry 4.0 ecosystem of international reference promoted by the **Consorti de la Zona Franca de Barcelona (CZFB)** continues to consolidate its growth and drive for innovation with the recent incorporation of the company **Hamamatsu Photonics** in its facilities.

Hamamatsu Photonics is a company specialized in photonics technology that manufactures all types of sensors or optical emitters for manufacturers in sectors as varied as medical, industrial, or automotive instrumentation. Founded in **Japan** in 1953, Hamamatsu Photonics currently has offices in the United States, China, South Korea, and several European countries. The international company has a **turnover of over 1.000 million euros** and today has more than **5.000 employees** established around the world.

Specifically, **Hamamatsu Photonics** covers everything from X-rays to infrared radiation, and routinely designs bespoke products for its customers. **Its market is completely global**, with its products being used in **more than 100 countries** around the world: they are potentially aimed at any sector that needs to emit or detect light accurately, mainly instrumentation. A third of its products are used by medical equipment manufacturers, focused for example on Molecular Imaging, DNA analysis or dental radiography. The rest of its systems are aimed at other applications, such as X-ray inspection, UV printing, laser welding, gas or food analysis, and in-car sensors. **Hamamatsu Photonics** is also a supplier to CERN and participates in particle physics projects, helping to win the two Nobel Prizes for the discovery of the neutrino and its mass.

At the welcoming ceremony, **Pere Navarro**, special delegate of the State at the CZFB, stressed that **"DFactory Barcelona is a dynamic technology hub, based on collaborative work and the creation of new businesses. An international company with great projection such as Hamamatsu Photonics is sure to inspire and can help project other companies present in the hub to the world. Our intention is to continue fostering and**

promoting synergies that allow the development of key solutions for the advancement of the new economy”.

For his part, **David Castrillo**, Hamamatsu CVC Europe Business Development Manager, explained that *"at Hamamatsu we can make the sensor or hardware module that our customers need, but we do not have the knowledge to adapt it to its use in the final application. Being present at DFactory Barcelona allows us to do just that, to expand the business opportunities offered by the collaborative work present here, and thus win together in a global market that is already fully connected"*. It should be noted that Hamamatsu Photonics has been headquartered in Spain since 1991, located in the Vallès Technology Park, and from now on, it also has a coworking space in the world-leading industry 4.0 technology hub promoted by the CZFB.

A technology hub in constant motion

DFactory Barcelona is the factory of the future from where a new, much more sustainable way of producing is materialized. The companies, which develop cutting-edge projects in the field of **3D printing, robotics, cybersecurity and blockchain, artificial intelligence and sensors**, have the possibility of generating synergies and establishing alliances with the rest of the organizations present in the building.

The project is aligned with the **Sustainable Development Goals of the United Nations 2030 Agenda**, facilitating the digitalization of industry as a key lever for the ecological transition and promoting the circular economy through the adoption of new sustainable production and advanced manufacturing systems.

Currently, the ecosystem has facilities of **17,000m²** on four floors, where nearly **30 companies** have already set up shop and around **500 people** work, which means **85% of occupancy**. In addition, the Consorci de la Zona Franca de Barcelona is already working on the second phase of execution of DFactory Barcelona, a boost that will allow it to reach another 72.000m² in the coming years. With this, a total of 1.500 people is expected to work directly and 5.000 indirectly.

About Hamamatsu Photonics

On December 25, 1926, in the city of Hamamatsu, the first electronic transmission of a TV signal took place. This event would mark the beginning of an era, culminating in 1953 with the founding of the Hamamatsu company, based on disruptive innovations in the use of light and electronics to improve the quality of life in society. Such an ethos demands constant investment in technology, resulting in a wide variety of emitters and detectors that span the entire spectrum and intensity levels. Currently, Hamamatsu is listed in the first section of the Tokyo Stock Exchange and is a reference supplier to major instrumentation manufacturers. The character of innovation and the realization of tailor-made products persists with the same intensity as on the first day.

About the Consorci de la Zona Franca de Barcelona

The Consorci de la Zona Franca de Barcelona is a public company that acts as a catalyst for technological and industrial development by providing support to companies in their transition to the digital age. Drive innovation through the 3D Incubator and Logistics 4.0 Incubator; promotes the transformation of Industry 4.0 from the DFactory Barcelona technology hub and connects the new economy and its key socio-economic sectors. It organizes congresses of economic interest for Barcelona, such as the largest logistics exhibition in Spain and Southern Europe, the SIL, as well as major benchmark events with an innovative format such as the Barcelona New Economy Week (BNEW) or the Barcelona Woman Acceleration Week (BWAW).

Its plenary has representatives from the Spanish government, the Generalitat of Catalonia, the Barcelona City Council, and the main economic entities of the city.

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