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COMMUNITY CENTER IN TRINITAT VELLA

Posted on July 21, 2022 by xavigonzalez



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Tags: Barcelona, Circulation, CO2 emissions, Community, Construction, Environmental, Inner courtyard, Multifunctional building, Project, Social contributor, Spain, Thermal comfort, Timber, Volume

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The Center for Community Life in Barcelona's Trinitat Vella district is a pioneering project in the management of local social policy. It houses various social services and entities, including a Women's Information and Attention Point, and aims to become a neighborhood meeting space that is warm and welcoming thanks to the use of wood in its construction.



The Center for Community Life in Trinitat Vella, situated at one of the entrances to the city of Barcelona, is the new multifunctional complex in the neighborhood. This public building is the result of an innovative proposal designed with a collaborative spirit to allow local people and social agents

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in the neighborhood to express themselves. The new space will form part of a community facility hub for the districts of Sant Andreu and Nou Barris to be built in the coming years, which will also include community housing and homes for young people and the elderly. The project is the work of the architects Manuel Sánchez-Villanueva and Carol Beuter of Haz Arquitectura, a studio with extensive experience in the construction of public and private facilities in the health, cultural and social sectors, as well as offices and sports amenities.





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All the walls and doors of the corridors incorporate a specific design that returns the air through the plenum to central chimneys that take it to the machine room on the roof. The air is blown directly onto the machines, generating a local atmosphere that is warmer or cooler than the outside environment, which allows them to function with less effort and less electricity consumption. Finally, the roof generates 60,000 W of electrical power a year by means of photovoltaic panels, making the building's consumption very close to zero.

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