

La Gare Maritime, Brussels, 2020 The largest CLT project in Europe



Step into the transformed world of Gare Maritime, a railway station for goods built at the beginning of the 20th century, reborn as a captivating covered cityscape from the visionary minds at Neutelings Riedijk Architects. This architectural marvel, designed as a bustling city district shielded under magnificent steel roofs, stands as the grandest Cross Laminated Timber (CLT) project in all of Europe.

Offices, shops, cafés, and restaurants seamlessly interwoven with ample public spaces, creating a vibrant urban oasis where it never rains – a city within a city. The use of CLT, or Cross Laminated Timber, not only lends a warm and natural aesthetic but also expedites construction through prefabrication and a dry building process.

But the Gare Maritime is not just a testament to modern design; it champions sustainability with circularity at its core. Modular building elements and the repurposing of original paving stones showcase a commitment to minimizing environmental impact. The entire structure is energy neutral and fossil-free, boasting solar cells on glass facades and an extensive 17,000 m² of solar panels on the roofs. Geothermal energy and rainwater reuse further underscore its eco-friendly ethos.



Wander through the wooden pavilions that form a mosaic of boulevards, streets, parks, and squares seamlessly blending with the surroundings. A central public space boasts a climate that evolves with the seasons, while a pedestrian promenade, reminiscent of Barcelona's Ramblas, connects charming interior gardens adorned with hundreds of trees.



Pavilions are all interconnected, linked by sculptural oak stairways gracefully crossing over the streets.

It's not just aesthetics; every detail was considered, including the stringent fire resistance requirement for timber structures. **AITHON PV33 System**, the chosen solution, ensures not just safety but elegance to the CLT structures of La Gare Maritime, with successful fire tests conducted on prefabricated floor specimens.

