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GARE MARITIME: MIXED PROGRAM FACILITY TRANSFORMATION

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Categories: Contributors, Densities, Energy and sustainability, Formats, Middle Density, Neutelings Riedijk Architecten, Project, Technology and fabrication, Topics

Tags: Architecture&nature, Belgium, Brussels, Circulation, CO2 emissions, Construction, Energy, Geothermal system, Prefabrication, Project, Public Space, Rain Water Harvesting, Sustainable, Thermal comfort, Timber, Transformation

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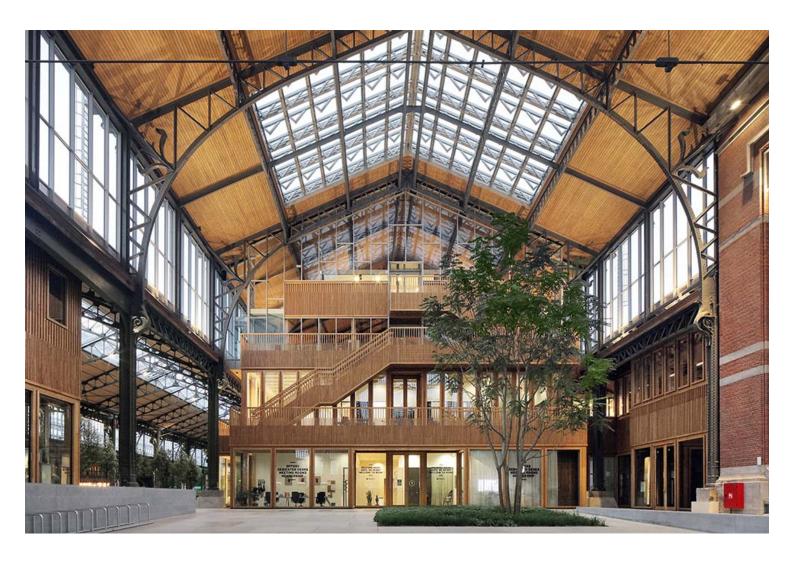
Gare Maritime, once Europe's largest railway station for goods on the Tour & Taxis site in Brussels, has been transformed into a covered city with a mixed program of working and shopping and plenty of public space to relax. Under impressive steel roofs Neutelings Riedijk Architects designed the new Gare Maritime as a city district – 'a city where it never rains'.

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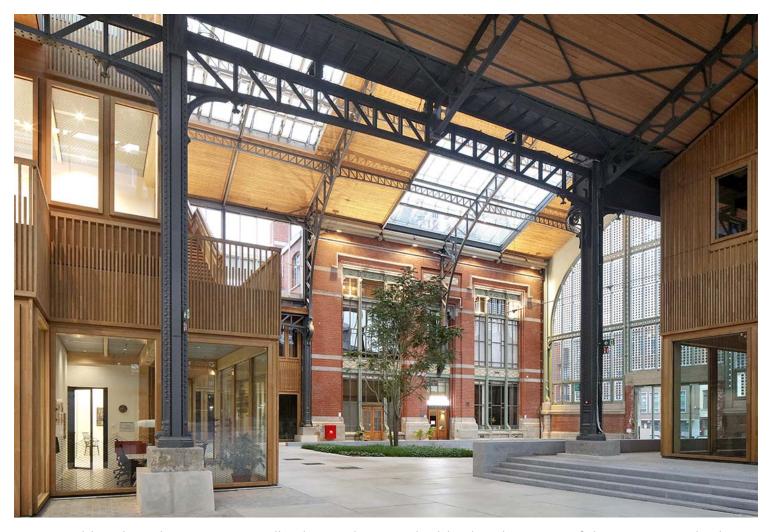
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State-of-the-art in Sustainability

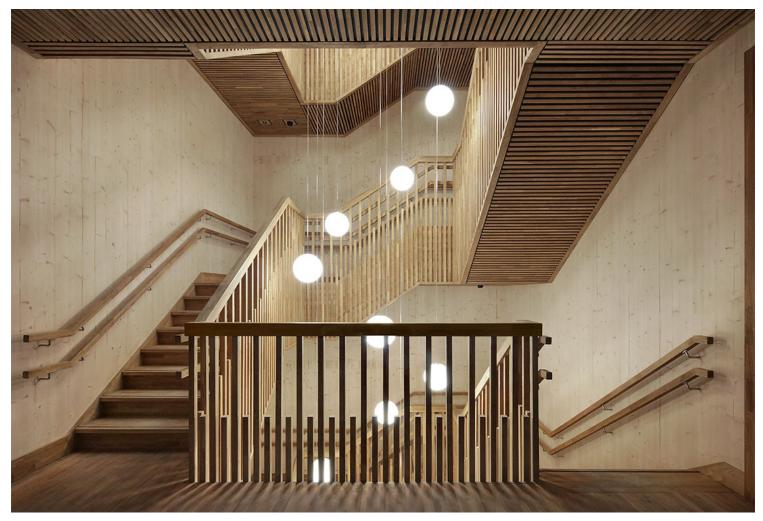
Gare Maritime is entirely energy neutral and fossil free. The glass façades on Picardstreet are outfitted with solar cells. On the roofs, a total area of 17,000 m2 of solar panels has been installed. At all levels far-reaching sustainability measures have been implemented, such as use of geothermal energy and reuse of rainwater.

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Gare Maritime is an important contribution to the sustainable development of the Tour & Taxis site and the Kanaalzone in Brussels.

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This project was commissioned by Extensa and realized in cooperation with Bureau Bouwtechniek, Ney & partners, Boydens engineering and OMGEVING. In the first phase, the existing historic building was carefully restored by Jan de Moffarts Architects, Bureau Bouwtechniek, Ney & Partners and Boydens.