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Press release

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BOUYGUES CONSTRUCTION TO BUILD OFF-SITE A TEMPORARY MODULAR MIDDLE SCHOOL IN BAGNEUX, NEAR PARIS

The Hauts-de-Seine department in the Paris suburbs has chosen a consortium headed by Bouygues Bâtiment Ile-de-France, a subsidiary of Bouygues Construction, to build a temporary modular middle school in Bagneux. An initiative that combines modularity, sustainability and environmental excellence, it will provide a solution to current educational needs while taking account of environmental concerns.

Developed in conjunction with Atelier B2A, the highly innovative project emphasises modularity and sustainability. The school has been designed to be dismantled and reassembled using more than 100 prefabricated wooden modules manufactured at the Technologie Habitat (TH) plant in eastern France. This concept is the result of close collaboration between commercial and construction teams and



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engineering teams with expertise in timber construction (WeWood) at Bouygues Bâtiment Ile-de-France, who together have devised an innovative solution of modular classrooms made from bio-sourced materials, built off-site and ready for installation on various school projects.

The architecture of the project is sober and contemporary, with the facades designed to conceal the modularity of the structure. The school will consist of three distinct areas: timber modules will be used to construct the teaching area, while metal modules will be used for the catering and kitchen area and for the toilet and washing facilities. The structure will provide a learning environment for the students, divided into 22 classes. Together with Technologie Habitat, the idea behind this initiative is to provide a **temporary, functional solution while renovation work at the Joliot-Curie middle school takes place.**

Besides its functionality, the project is an example of environmental excellence. It is certified for the 2031 threshold under RE2020 regulations, with level 3 for biosourced

construction exceeded and a reusability rate of over 80% after the initial use of the modules, which will be dismantled and reused elsewhere.

The first timber modules will be installed in Bagneux this summer, with the school scheduled to open in April 2025.

The logistics and scheduling challenges will be met by the consortium teams thanks to their expertise in off-site manufacturing processes.

Key project data:

- RE2020 certification (2031 threshold)
- 131 kg/m² of biosourced materials for the 3 buildings
- 50 kWhEF/m² of floor space per year
- 850 m² of courtyard, including 210 m² under cover
- Reuse of existing school furniture and kitchen equipment
- Zero final waste on site
- 85% reusability rate for modules
- Value of works: €14.5 million

ABOUT BOUYGUES CONSTRUCTION

With 32,500 employees working in 60 countries, Bouygues Construction designs, builds and rehabilitates the infrastructures and buildings that are essential for a sustainable society. All over the world, the Group's teams support the development of low-carbon energy production and public transport infrastructures and provide their expertise in the design, construction and renovation of buildings and neighbourhoods essential to life (health, education, work, tourism, leisure, public services, defence, etc.). The teams' commitment is based on three top priorities: safety culture, respect for human rights and ethics. In 2023, Bouygues Construction generated sales of €9.8 billion.

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