



Press release

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BOUYGUES CONSTRUCTION CHOSEN FOR THE ENERGY REFURBISHMENT OF THE JOLIOT-CURIE JUNIOR SCHOOL IN PALAISEAU, FRANCE

The town of Palaiseau, in the southern outskirts of Paris, has selected Bouygues Bâtiment Ile-de-France, a subsidiary of Bouygues Construction, to perform the energy refurbishment of the Joliot-Curie junior school. The project has an estimated budget of €7 million, and will employ the EnergieSprong approach, which promotes ambitious standards for energy renovation.



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The global performance contract covers the design (in association with Enia Architects), the refurbishment works and the operation and maintenance of the technical installations, guaranteeing the energy performance required by the client.

The Joliot-Curie junior school in Palaiseau, built in the 1960s and attended by 265 children, will be the object of an unprecedented renovation programme.

The EnergieSprong approach was identified as the ideal model for meeting the specific needs of the project. It promotes the large-scale deployment of energy retrofits to significantly reduce building energy consumption and generate part of the energy consumed.

Bouygues Bâtiment Ile-de-France showed that it could successfully meet the school's specifications through its BYSprong programme. Developed to meet the EnergieSprong challenge, it focuses on finding the best technical and economic solutions to massify the

energy renovation of buildings. This involves, for example, the incorporation of new methods and processes, such as “off-site” solutions, which are intended to democratize access to low-energy renovation.

Solutions put in place to achieve this objective at this school include:

- the industrialisation of the shell with factory-manufactured timber-frame walls integrating facade cladding and joinery,
- use of low-tech innovations, including Paziaud supply-air windows (which allow the recovery of part of the heat losses they cause) and single-flow controlled mechanical ventilation (CMV),
- installation of photovoltaic panels to offset the remaining energy consumption,
- biosourced materials such as raw earth bricks and a wood-straw facade.

These solutions are intended to reduce both energy consumption and carbon emissions. Beyond the exemplary nature of the project in terms of energy performance, Bouygues Bâtiment Ile-de-France will make the maximum possible use of biosourced products to improve the carbon footprint of the operation.

Works are scheduled to start in early July 2024, and the new installations are expected to be brought into service at the start of the school year in September 2025.

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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