

Generatioucampus Wobrecken, Esch-sur-Alzette



- **Name:** Generatioucampus Wobrecken
- **Location:** 40 Boulevard Winston Churchill, L-4055 Esch-sur-Alzette
- **Client / Owner:** Ville d'Esch-sur-Alzette (Municipal Administration)
- **Architecture:** Witry & Witry Architecture Urbanisme, Echternach
- **Planning Partners:** IBN Passivhaus / HDK Dutt + Kist / Schroeder et Associés (Structural Engineering) / Jean Schmit Engineering
- **Timber Construction:** Prefalux S.A., Junglinster
- **Completion:** 2024
- **Gross Volume:** 41,000 m³

Special features:

- CO₂-neutral built according to the principles of the circular economy
- Energy-plus building: generates more energy than it consumes*
- Modular timber construction with a focus on easy conversion
- Supporting structure made entirely of wood, connections designed for non-destructive dismantling
- Comprehensive life cycle assessment: construction, operation, conversion, dismantling

* Production kitchen, where meals for other day care centers are also prepared, excluded.

Architectural concept

The Generatioucampus Wobrecken combines a nursery, kindergarten, primary school, day care center, and sports facilities into a holistic educational campus. Spaces are used multifunctionally: in the mornings by the school and in the afternoons by the Maison Relais. The central feature is a spacious, light-

filled atrium that serves as a meeting place and, through landscaping, creates a connection to the adjacent playground and park. Friendly colors and natural, low-carbon materials create a welcoming atmosphere and provide orientation for the children. The playground also acts as a unifying element between the main building, sports facilities, and nursery, allowing the campus to come together as an open and vibrant whole.

Awards

The Wobrécken School Campus was awarded the Eifel Timber Construction Prize in 2024. The jury praised its excellent urban integration, the thoughtful use of wood both inside and out, and the holistic life-cycle approach. Special attention was given to the flexibility of the timber structure, which can be disassembled without damage at the end of its life cycle, as well as the creation of valuable outdoor spaces that provide a high quality of life despite the urban density. The project is regarded as a model for sustainable construction and symbolically underscores Esch-sur-Alzette's transformation from a steel stronghold to a hub of knowledge and education.

Fotos :

Witry & Witry / Willi Filz

