

## Lateral Towers sports hall



### SHORT DESCRIPTION

Implenia is building a two-storey sports hall and multi-purpose building to passive house standards in Frankfurt-Bockenheim.

### THE PROJECT

Implenia Hochbau is building a turnkey two-storey sports hall with grandstand and two by three pitches for Cells Property Investors, which is suitable for a variety of sports. An old parking garage will be demolished to create the construction site. The new building comprises the hall and two multi-purpose buildings; the contract also includes equipping the sports halls. Implenia has already provided advice and optimized the planning in a pre-construction phase.

### SERVICES IN DETAIL

The new building is being constructed next to the old "Lateral Towers" administration building, which the city of Frankfurt is converting into two six-form grammar schools. The schools and clubs will use the sports halls; the lower hall will be suitable for competitions. The facility is barrier-free and all entrances are threshold-free. There is a central staircase in the foyer and an elevator for the disabled. There are two further staircases in the complex.

### CHALLENGES

Around 33 m long prestressed concrete composite beams have to be installed from an adjacent underground parking garage using a 650-ton truck-mounted crane. Ceiling/formwork heights of more than ten meters, boundary buildings and high groundwater levels.

## SUSTAINABILITY

The sports facility is being built to the passive house standard. Heat will be supplied via an air/water heat pump cascade solution and ventilation via air handling units. The hall will be equipped with a photovoltaic system on the green roof.

## FACTS

<b>Location</b>	Neue Börsenstr. 1, Frankfurt-Bockenheim , Germany
<b>Status</b>	Under construction
<b>Construction volume (value of our services)</b>	18.2 M EUR
<b>Start of construction</b>	August 2025
<b>Completion</b>	September 2027
<b>Usage</b>	Sporthalle
<b>Building owner</b>	Cells Property Investors GmbH, Berlin
<b>Contracting entity</b>	ASBERGIA Grundstücks-Vermietungsges. mbH & Co. KG, München
<b>Architect</b>	Fuchshuber Planning GmbH, Leipzig
<b>Build volume</b>	6283 m <sup>2</sup>
<b>Number of upper floors</b>	4
<b>Number of basement floors</b>	1

## SERVICES

Hochbau (Deutschland)

Schlüsselfertiges Bauen



<https://impenia.com/en/references/detail/ref/sporthalle-lateral-towers/>

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