

# CASE STUDY

## The Wisła Płock club stadium



### Designing in the BIM system

Using BIM to design the electrical and teletechnical installations for a new stadium of the Wisła Płock football club. A facility with roofed stands for ca. 15,000 spectators along with the social and office areas and the necessary infrastructure.



### Design & Build

The investment is being developed in a modern "Design and Build" system which allows for the adaptation of construction plans depending on the changing conditions and technical possibilities without the need to modify the contract.



### Scope of work - general

The scope of work includes the demolition of the existing Kazimierz Górski municipal stadium in Płock, the design and construction of a new facility with roofed stands, social and office areas and the necessary infrastructure.



### Scope of Pradma's assignment

The electrical and teletechnical installations are the main areas of our activity inside and on the outside of the facility: transformer stations, inner supply lines, main and back-up lighting, fire alarm system, smoke removal, CCTV, access control systems, IDS, medium voltage and low voltage cable lines routes, telecommunications networks routes, lighting and video surveillance.



### Distinctive features of the project

The facade of the stadium will be decorated with light shutters at various angles. Thanks to the open form, the facility will be naturally ventilated, at the same time protecting the spectators in the stands and the promenade from the rain.

The promenade around the stands will be right at the level of the street, but - due to the inclination of the land - on the first floor to the Northern side of the building.

The Western stand will be the only one equipped with extensive four-storey back-up facilities. There will be two premium levels: the lower level with a large room and a business sector, and the top level with over ten lodges. At the top, there will be commentators rooms and a command center.



## Specifications:

Investor: Plock Town Hall  
General Contractor: Mirbud S.A.  
Architectural design and visualization: Perbo-Projekt Sp. z o.o.  
Contract value: PLN 166,477,375  
Completion date: 2022

