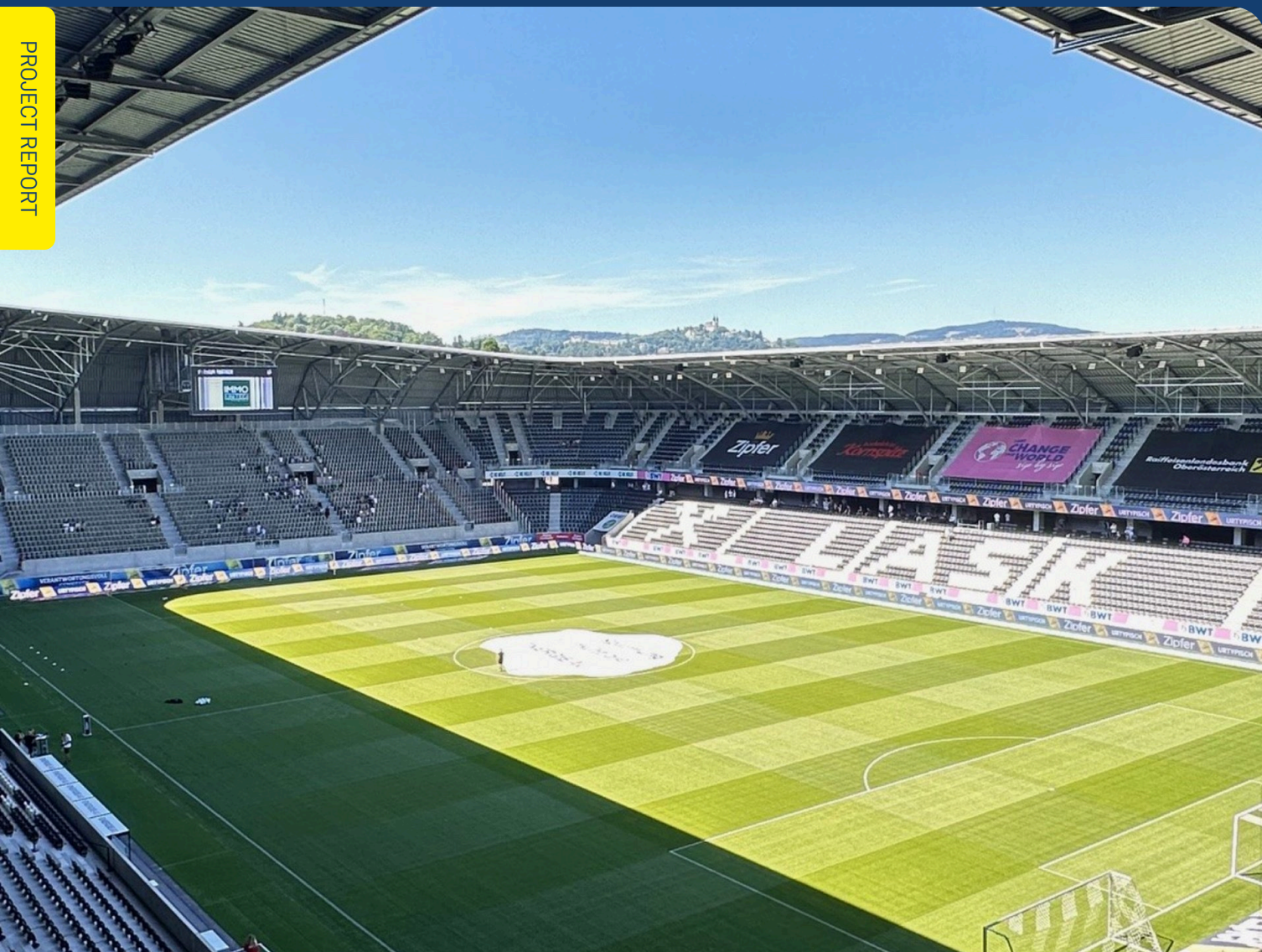




Flagship Football Stadium Project

Raiffeisen Arena

Data and facts

Company	PORR Bau GmbH
Type	Stadium construction, Earthworks, Foundation engineering, Construction work
Runtime	09.2021 - 02.2023
Principal	LASK Arena GmbH & Co KG

[Project report online](#)

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Modern stadium construction for a new era of top-flight football

Between September 2021 and February 2023, PORR Bau GmbH NL Upper Austria built the new Raiffeisen Arena in Linz on behalf of LASK Arena GmbH & Co KG. The stadium was designed for national and international competitions and meets the requirements for UEFA matches. With a total capacity of up to 19,080 spectators, the arena is one of Austria's most modern sports venues and represents a significant milestone for the region's sports infrastructure.

Covering a gross floor area of around 39,060 m², the project resulted in a multifunctional stadium with up to four upper storeys and sections of the building featuring basements. The external dimensions of approximately 190 by 150 metres, together with a total of around 680 rooms, illustrate the scale and complexity of the construction project. Standing at a height of around 32 metres, including the roof structure, the arena has a lasting impact on the cityscape and adds an architectural highlight to the south of Linz.

Challenging engineering work in the foundation and structural works

The implementation of the project placed high demands on planning, logistics and execution. Even the excavation of the foundation pit required extensive earthworks and foundation engineering. A total of around 35,800 m³ of excavated material was moved. To stabilise the foundation pit, shotcrete walls covering an area of approximately 435 m² and 197 ground anchors with a total length of around 1,380 metres were used.

A total of 1,187 ductile piles with varying load-bearing capacities were installed to form the structure's foundations. The piles had a total length of around 14,000 metres and were partly installed at an angle to meet the high structural requirements of the stadium construction. This complex foundation work formed the basis for the safe and durable load-bearing capacity of the entire structure.

During the structural work, around 11,000 m³ of ready-mixed concrete and approximately 1,270 tonnes of reinforcing steel were used. In addition, around 21,300 m² of hollow-core wall elements, 7,400 m² of precast floor slabs and 24,350 m² of hollow-core floor slabs were installed. The combination of industrially prefabricated components and precise in-situ concrete construction enabled efficient project delivery whilst ensuring the highest quality of workmanship.

A stadium for sport, excitement and the future

The Raiffeisen Arena is far more than just a football stadium. It represents the successful realisation of a complex large-scale project in which PORR's expertise in the fields of stadium construction, earthworks, foundation engineering and general building works was brought together. The close integration of all construction works has resulted in a modern sports venue that meets the highest functional, technical and economic requirements.

With its modern infrastructure, suitability for international competitions and striking architecture, the Raiffeisen Arena sets new standards in Austrian stadium construction and strengthens Linz's position as a major centre for sport, events and gatherings.

Impressions



Image notes

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The Raiffeisen Arena Linz flagship project

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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