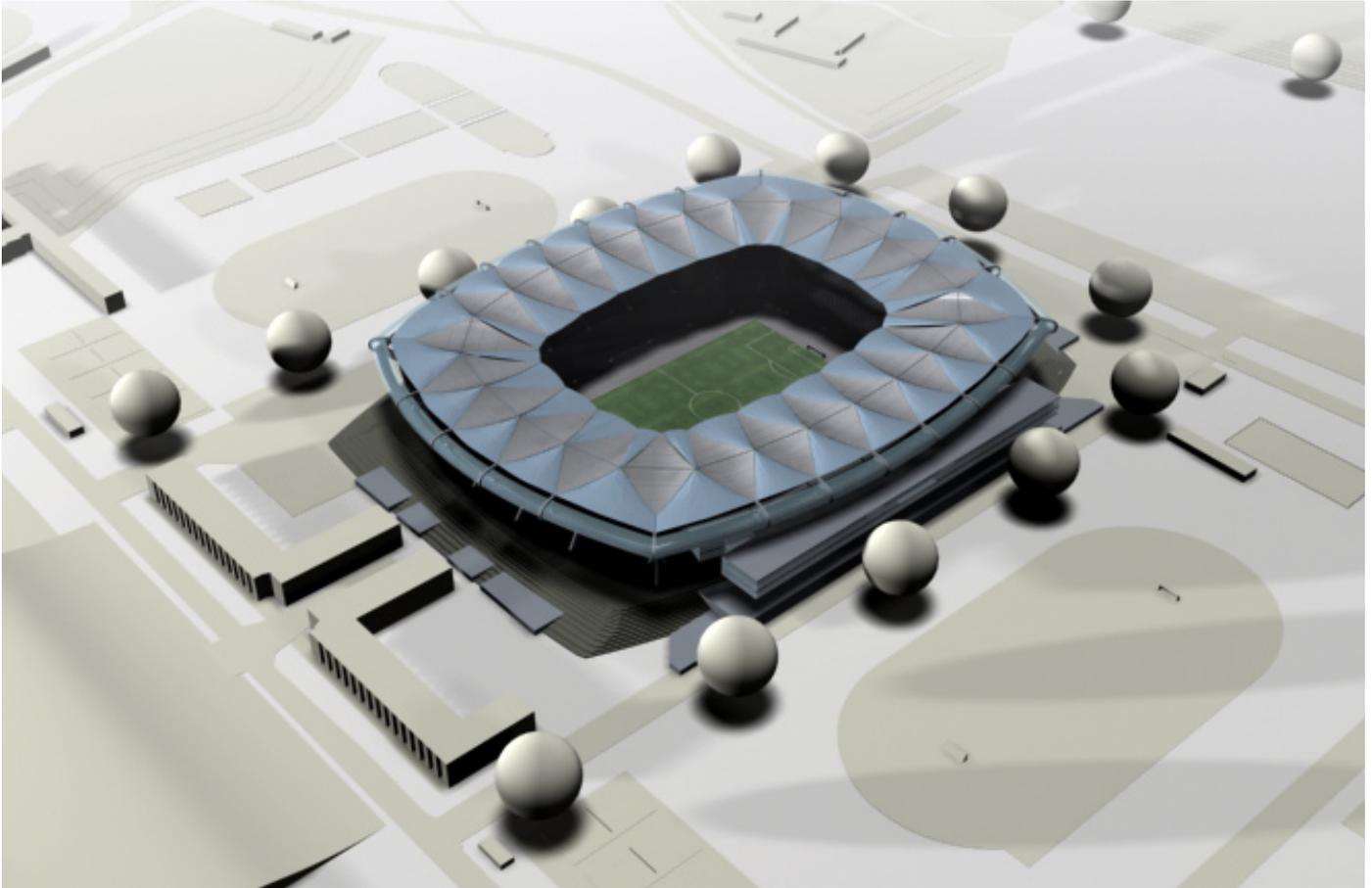


# MÜNGERSDORFER STADIUM COLOGNE COMPETITION, GERMANY, 2001



The task of rebuilding Müngersdorfer stadium was caught between the demands of a stage for international football events and the structural response to the place.

Starting from the park-like quality of the environment, a concept was developed that corresponds to the situation both in the large context of the city as well as the narrower field of direct environment to a large extent. The functional and design quality lies in its simplicity, the building was designed compact, the essential structural elements have been optimized in a convincing way in its construction and design.

The new building will be realized in the old construction window located in the park and the existing athletics track is going to be eliminated in favor of a new grandstand, that shows off best viewing conditions for a maximum of 50,000 spectators. A result is a multi-purpose arena, in concerts with a stage of approximately 30 x 60 m at the inside of the stadium and addi-

tional 16,000 standing places on the inner box.

The playing field is lower than the input level which allows optimal spatial and design qualities. The building mass appears slightly so the outer surface seems reduced and the stadium can be conceptually claiming the resource-saving and economical design in the best possible way.

The impression of lightness is delicately supported by the lacy designed membrane roof above the grandstand that is merging with the force profile optimized substructure. Sustainable minimization of energy and running costs was the focus of the design and analysis yielded an integrated building and energy concept by linking the diverse requirements of low energy consumption and the use of renewable energy.

Client  
City Cologne with 1.FC Köln and Kölner Sportstätten GmbH

Architect  
Pohl Architekten

Competition  
2001

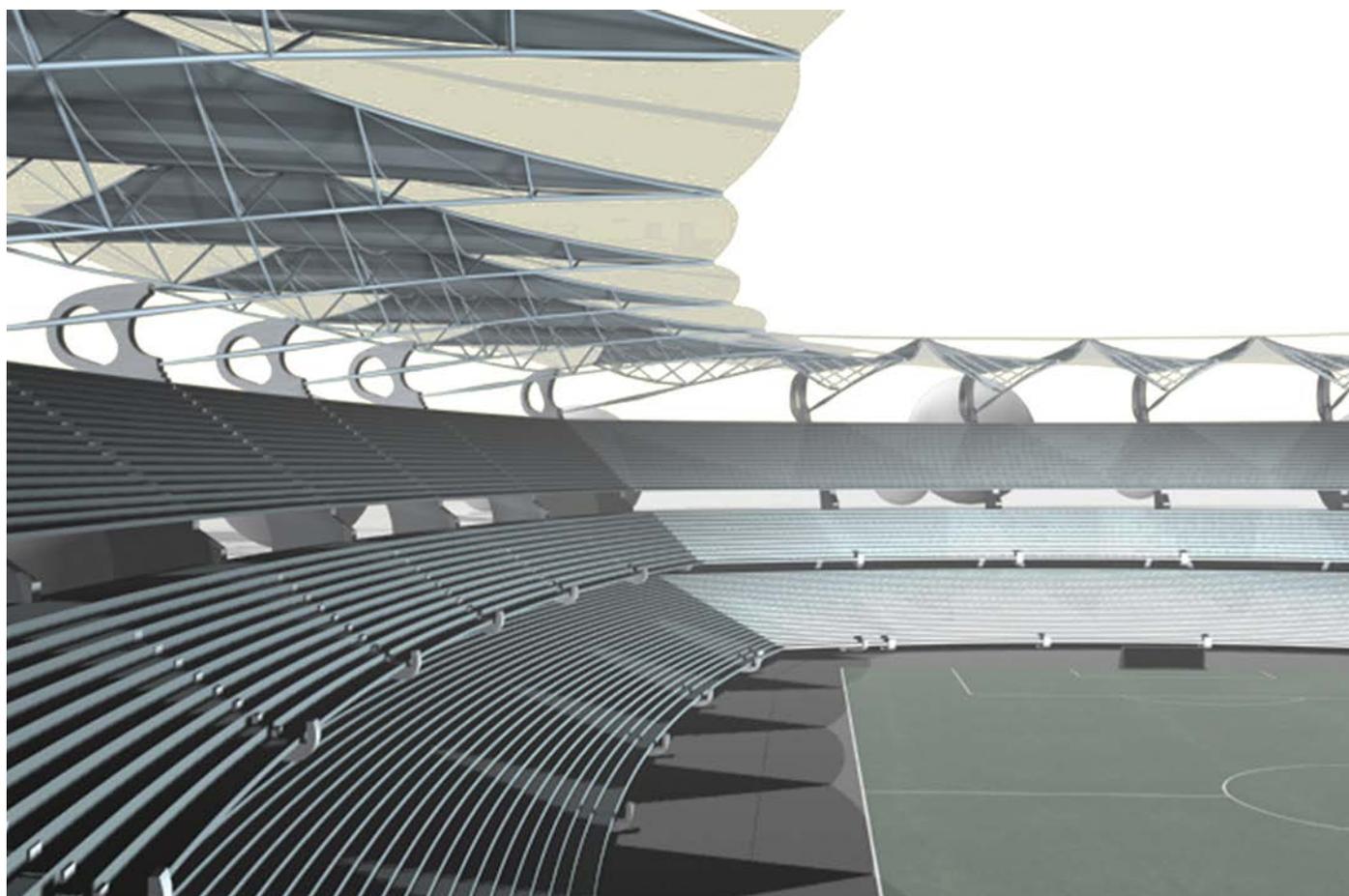
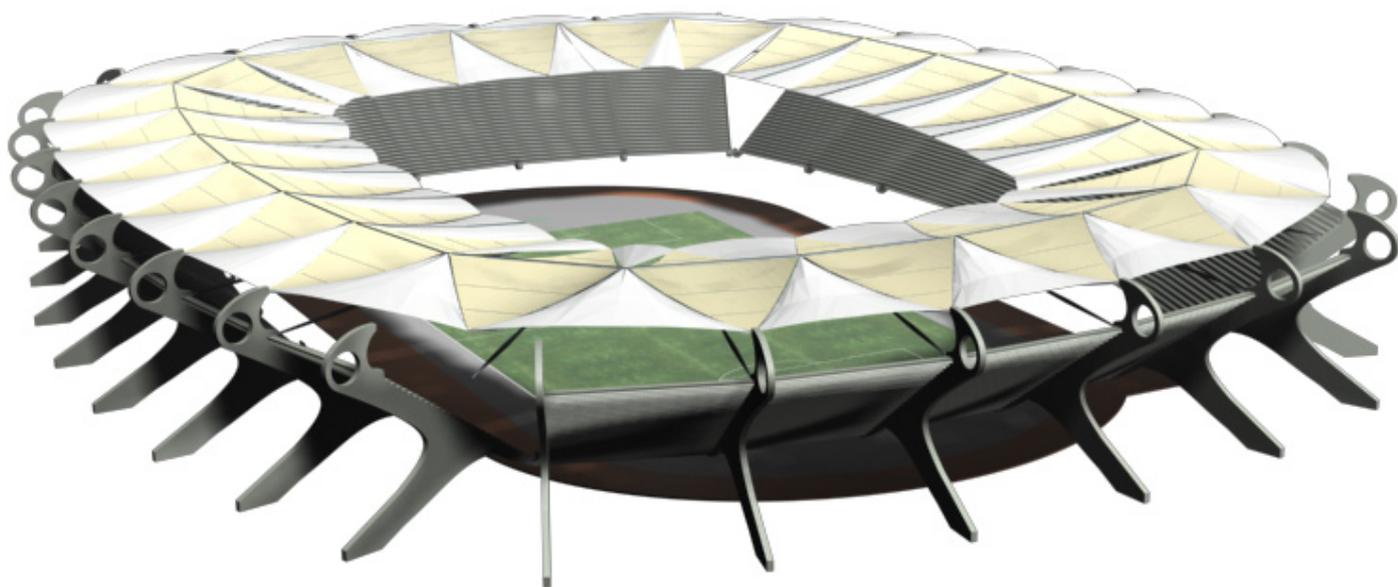
GFA  
16,050 m<sup>2</sup> / 172,760 sq.ft.

Address  
Aachener Straße 999  
50933 Köln

Prizes  
Purchase, 1st Round

**P O H L   A R C H I T E K T E N**

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