

Sports Centre for Cycling and Swimming, Berlin-Prenzlauer Berg



photo: Georges Fessy

project: new cycling and swimming centres, styled for Olympic games

location: Berlin

services SMV: project management

client: OSB Sportstätten GmbH, Berlin

architect: Dominique Perrault, Paris / APP, Berlin

building costs: ca. 296 Mio. EUR

duration: 1993 - 1998

responsible: Prof. Dr.-Ing. Willfred Vedder

project description: This project has been designed as scene of the Olympic Games for cycling, swimming and diving and was part of the immediate construction works in the course of Berlin's Olympic application 2000. After Sidney had been chosen as scene for the Olympic Games the project was rescheduled for a multifunctional permanent use. Nevertheless the requirements still were to meet world championship standards. The capacity of 6.000 people in the cycling hall and 2.200 people in the swimming hall can be expanded up to 9.500 and 4.500 respectively by temporarily overbuilt tribunes. The two large sports halls were constructed under the surrounding level with a light height of 13 m. Nearly 500.00 m³ of soil had to be transported from a temporary unloading point nearby the construction site to the final dumping via rail transport.

benefits for the client: After Berlin had not been chosen as scene for the Olympic Games 2000 the resulting rescheduling for multifunctional permanent use and the one year delayed construction of the swimming hall due to the deconstruction of the cold store the budget committees of the state Berlin thought of stopping the construction of the swimming hall. PROMOS has worked out at short notice decision alternatives incl. the respective financial consequences. Thanks to this activity the building that had been designed as a building complex regarding its functionality, infrastructural development, architectural and urbanistic design didn't become a torso unattractive for the public use. Instead

the budget determined by the state of Berlin was realised by extensive savings without functional and quality penalties within the original set time frame. The annual Berlin 6-day-races and national and international championships in the swimming hall have proved this project's very high quality.

project features:

building plot: 108 400 m²

gross floor area:

centre for cycling: 45 372 m²

centre for swimming: 41 759 m²

gross building volume::

centre for cycling: 403 183 m³

centre for swimming: 402 824 m³



Bilder: OSB Sportstättenbauten GmbH / Wolffskind Produktion; Dominique Perrault architecture