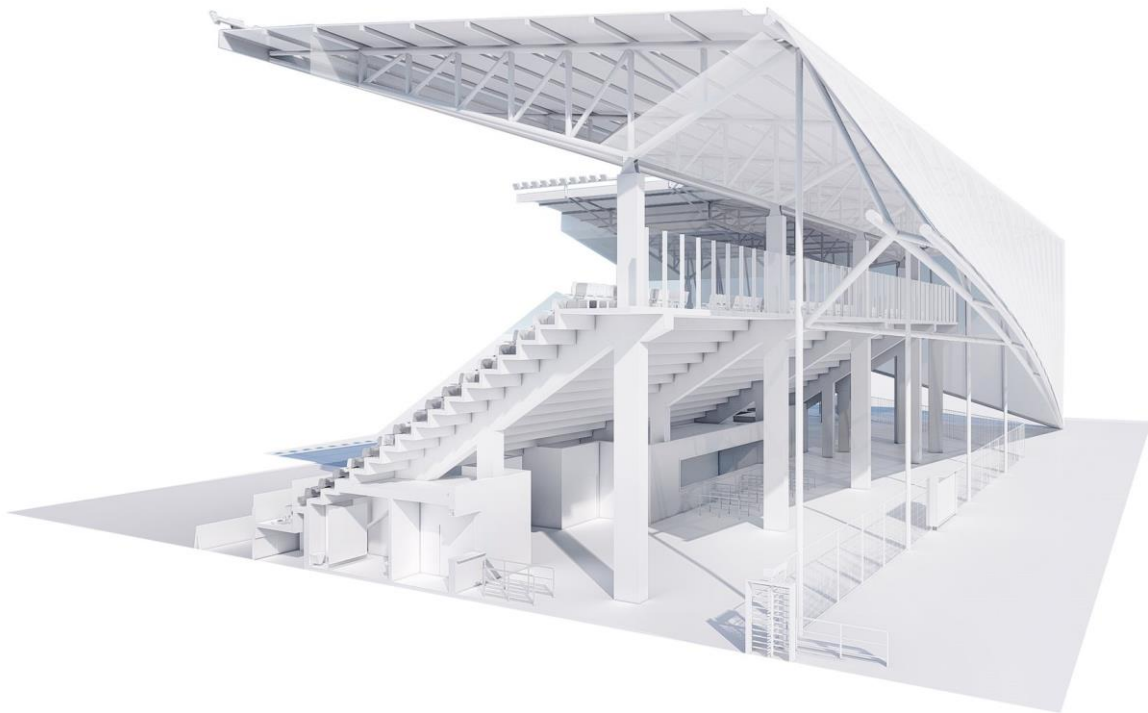


A glass-PTFE skin for the Opole Stadium, Architects: 90 Architekci, S.C. Piotr Czarnecki, Jędrzej Przytuski.



The rectangular Opole Stadium features a façade made of Tenseo Frontside GFM21 in white ([Serge Ferrari Group](#) - glass-PTFE), which is stretched from the top line to the gently arched steel structure. The shape creates a sense of motion, contributing to the light and dynamic feel of the architecture. This design's greatest advantage is undoubtedly its light weight. This requires minimal supporting structures and reduces material use, thus contributing to a lower carbon footprint for the building compared with more traditional solutions, such as concrete or glass.

<https://www.sergeferrari.com/references/opole-stadium-sustainable-design-sports>

Construction: [Asma Germe Membran Sistemler](#)



Copyright for the photos above: Nate Cook Photography & 90 Architekci

https://www.architekturaibiznes.pl/en/new-stadion-poland,38305.html?srsltid=AfmBOooP6MoftxpBxwE7a6-A8WW8N1qk2E0A_NkQZkZtf5k5_LYM9XwX

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This is the first **fully green stadium** in Poland. The facility will get its electricity from a 280 kW photovoltaic installation, which has been located on the southern, western and eastern parts of the roof. Heat pumps will be responsible for heating the stadium premises. Ecology goes beyond the facility itself, as **insect and small animal houses** have been placed in the green areas adjacent to the stadium.



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