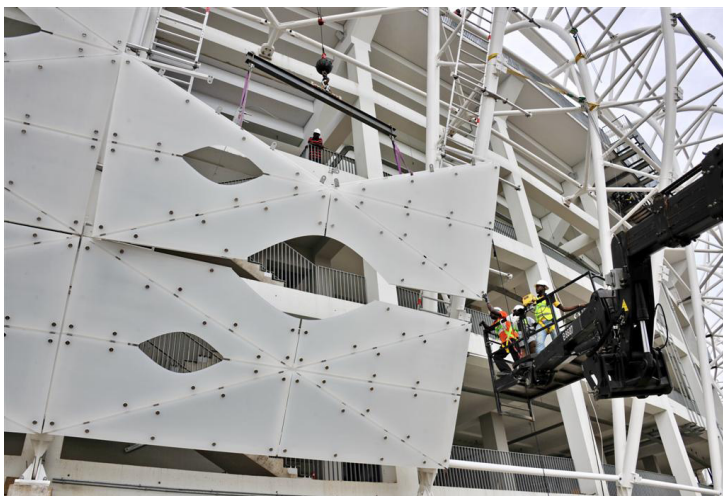
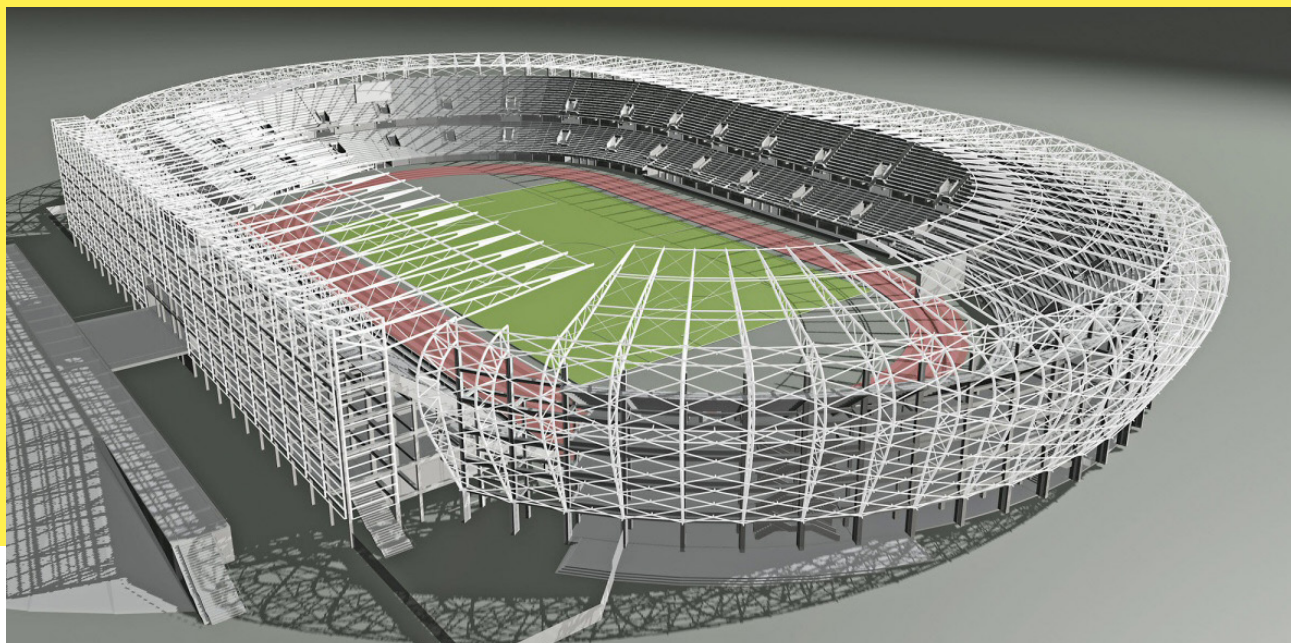


STADIUM UYO, AKWA IBOM



Nigeria - Within two years, MCE GmbH engineered, produced, delivered, and assembled the complete steel structure, including the complex facade structure and the roofing of this extraordinary stadium for a spectator capacity of 30,000 visitors. This multi-function stadium gave Akwa Ibom State a striking landmark.



The erection of this steel structure was created within two steps. The first step was the erection of a pre-fabrication hall with a length of 170 m to finalize the steel girder for the assembling on-site and the assembling of these components and the roofing.

Within the second step, we implemented the steel substructure of the facade to close and finalize the optical view of this stadium. What is remarkable about the stadium is its facade, made of specially developed acrylic glass elements, the model-based planning process, and the complex logistics utilized for development. For example, the steel trusses and around 7,400 facade elements were made in Europe, shipped to Nigeria in individual parts, and prepared for assembly in their defined position with high precision.

We are talking about more than 19,000 square meters of acrylic glasses, about 17,000 square meters of roofing, and 2,700 t of steel components for the bowl.

Finally, the stadium was awarded from the International Association of Athletics Federations with its highest certification, "Class 1", something that in Germany only the Olympic Stadium in Berlin can boast.

As such, it is not just its illuminated facade that makes it shine far beyond the region.

Facts & Figures:

Capacity:	30,000 spectators
Steel structure:	2,700 t
Acrylic facade:	19,000 m ²
Roof:	17,000 m ²
Length of pre-fabrication hall:	170 m
Customer:	Julius Berger International
Project period:	2012-2014
Site:	Akwa Ibom, Nigeria