



— HTL Stahlbautag —

Tobias Mähr

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REICHSTAG, Berlin

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REICHSTAG, Berlin

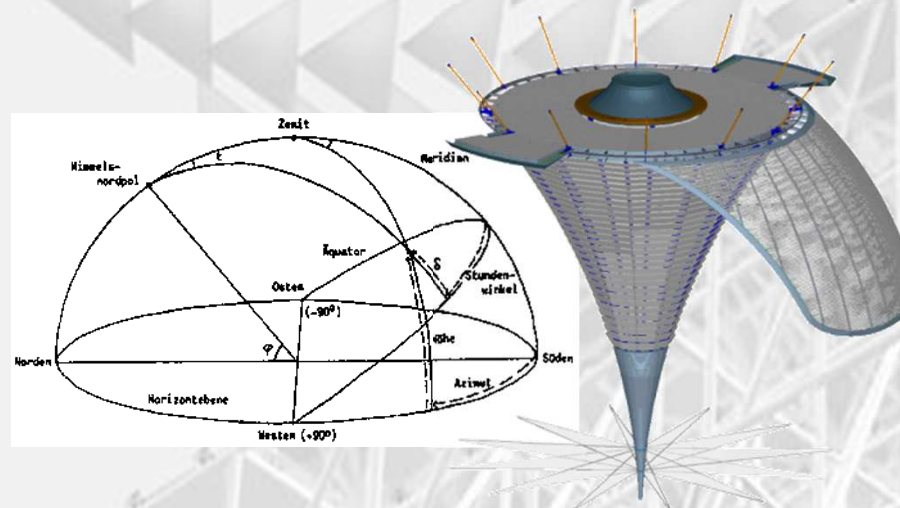
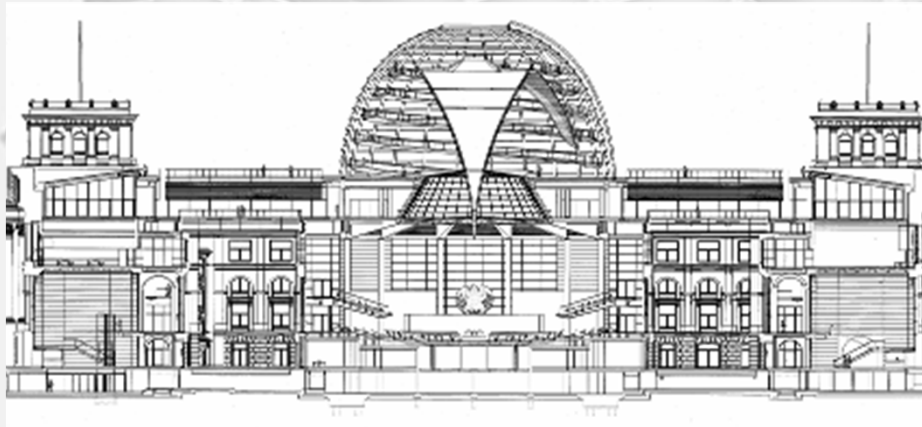
- Steel structure: 900 tons
- Single glazing: 3.000 m²
- Lightning cone: 450 m²
- Sun shading element

The dome is made up of 24 ribs, 40 m in diameter and approx. 25 m high. Two spiral ramps within the dome wind up to a 200 m² viewing platform. To avoid direct solar radiation, an automatically controlled sun shade element covers the mirrors facing the sun.

- Architect: Foster & Partners
- Engineer: Leonhart, Andrä & Partner
- Construction Management: BAL
- Client: Bundesbaugesellschaft Berlin GmbH
- Date of completion: April 1999



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Reichstag, Berlin, D

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SONY CENTER, Berlin

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SONY CENTER, Berlin

- Steel structure incl. cables: 910 tons
- Single paned glass roof: 3.400 m²
- Fabric: 5.800 m²

The central element of the Sony Center is the 4,000 m² roof, covering the market place. The installation required the highest technical niveau.

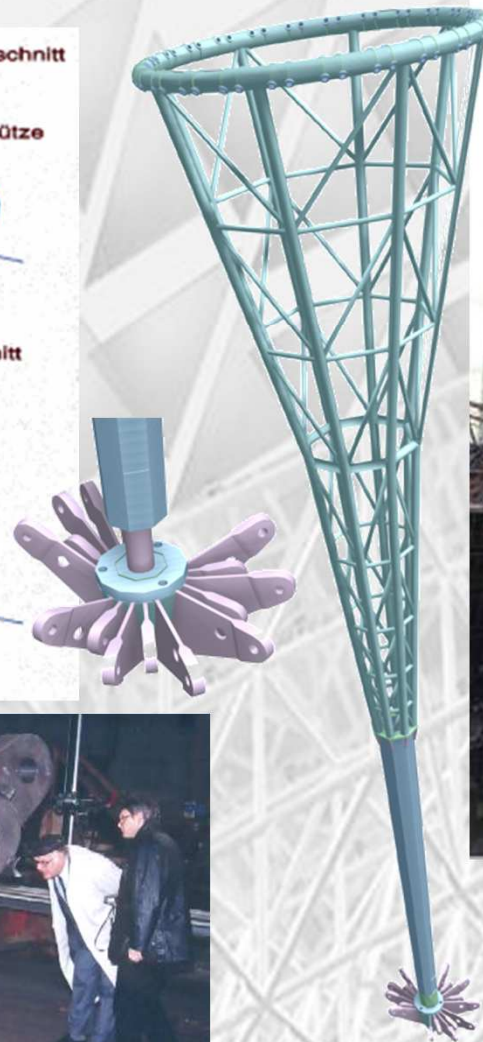
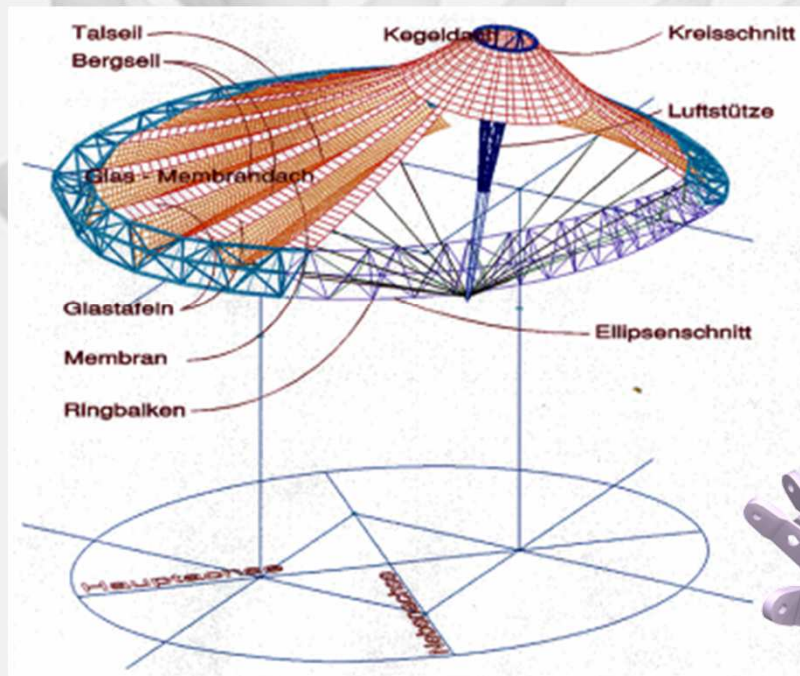
- Architect: Murphy Jahn
- Engineer: Arup
- Client: Sony / TishmanSpeyer / Kajima
- Main contractor: Hochtief AG
- Date of completion: September 2000





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INSTALLED
MEMBRANES



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GREAT COURT BRITISH MUSEUM, London



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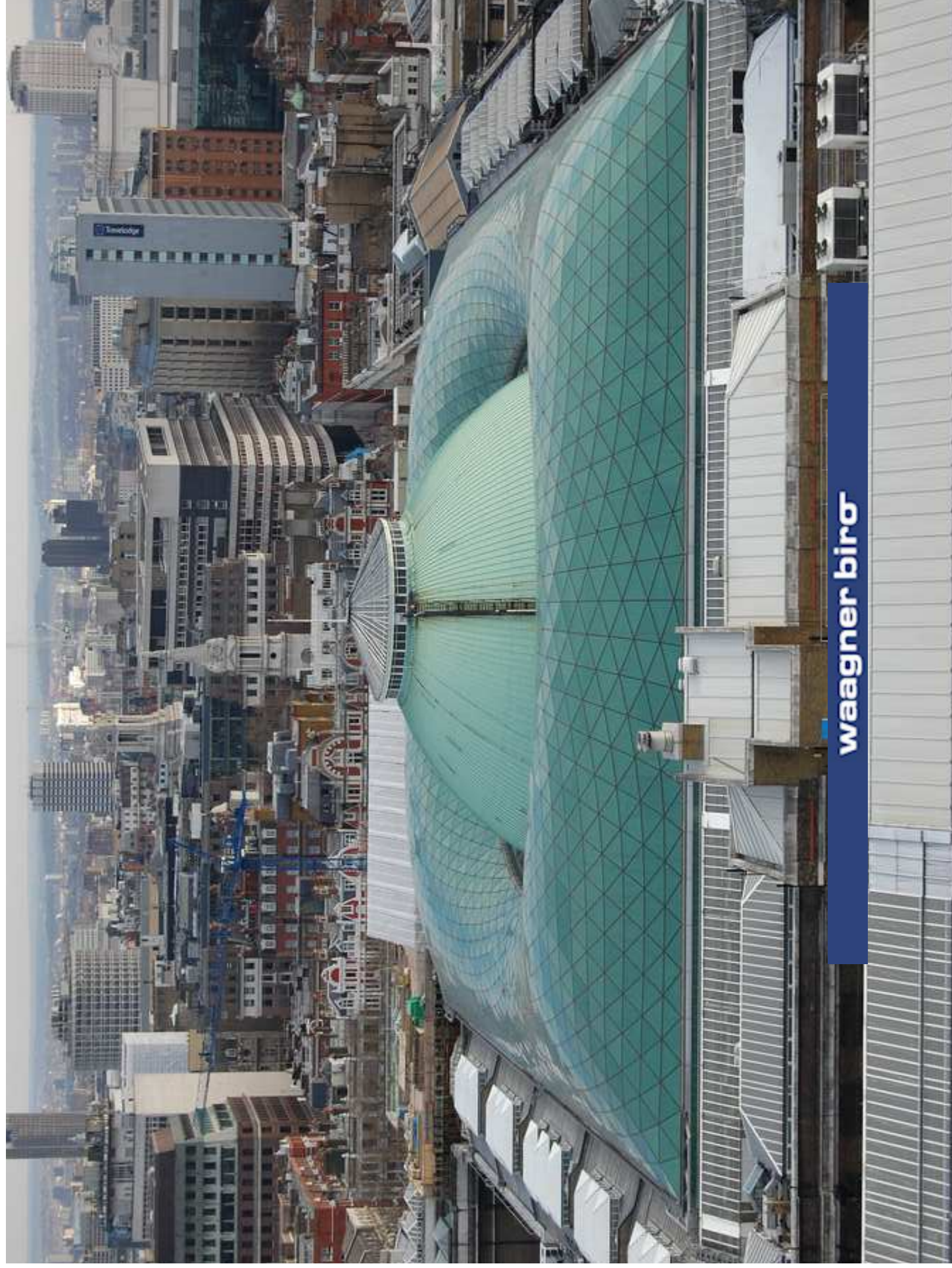
Great Court British Museum, London

- Steel structure: 570 tons
- Double glazed roof: 5.900 m²

The British Museum was originally constructed in the eighteenth century. The Great Court, at the very heart of it contains the British Library and has been transformed by Lord Norman Foster into a new and spectacular public square covered by an elegant glazed roof the size of a football pitch. This new space provides additional gallery space, retail outlets, and a restaurant on the upper level.

- Architect: Foster & Partners
- Engineer: Happold
- Construction Manager: Mace
- Client: Trustees of the British Museum
- Date of completion: December 2000





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Yas Marina Hotel, Abu Dhabi

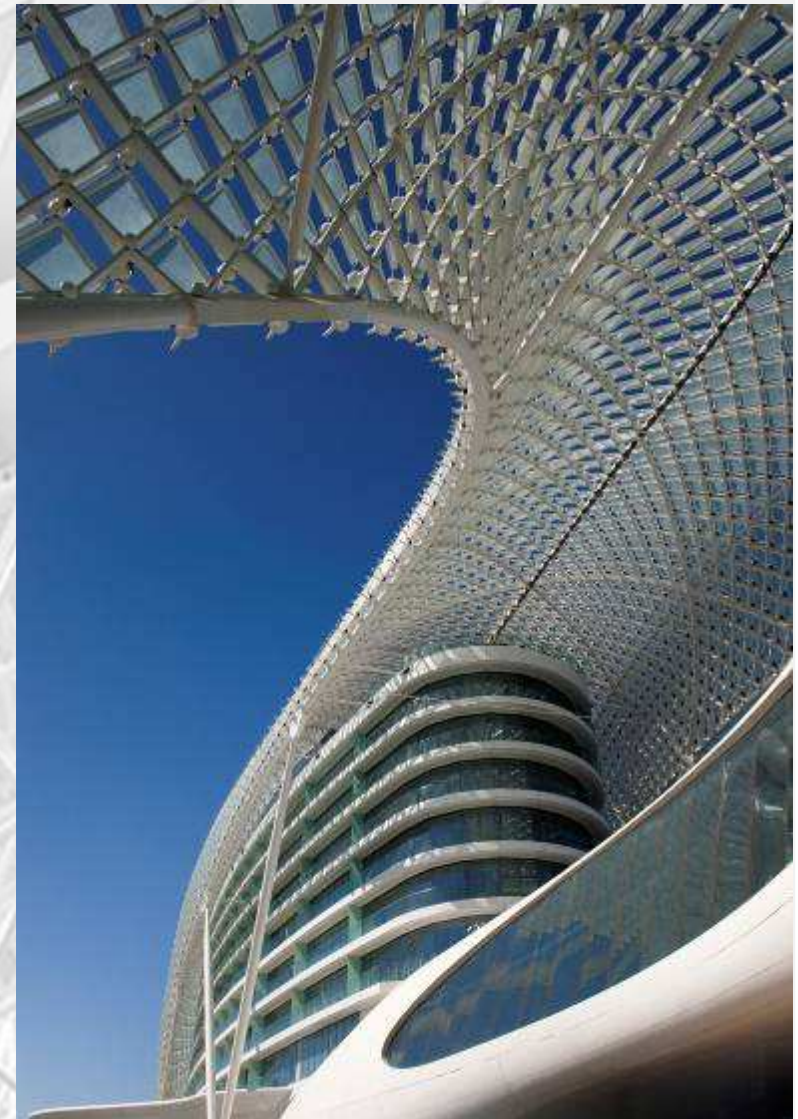


YAS ISLAND MARINA HOTEL, Abu Dhabi, UAE

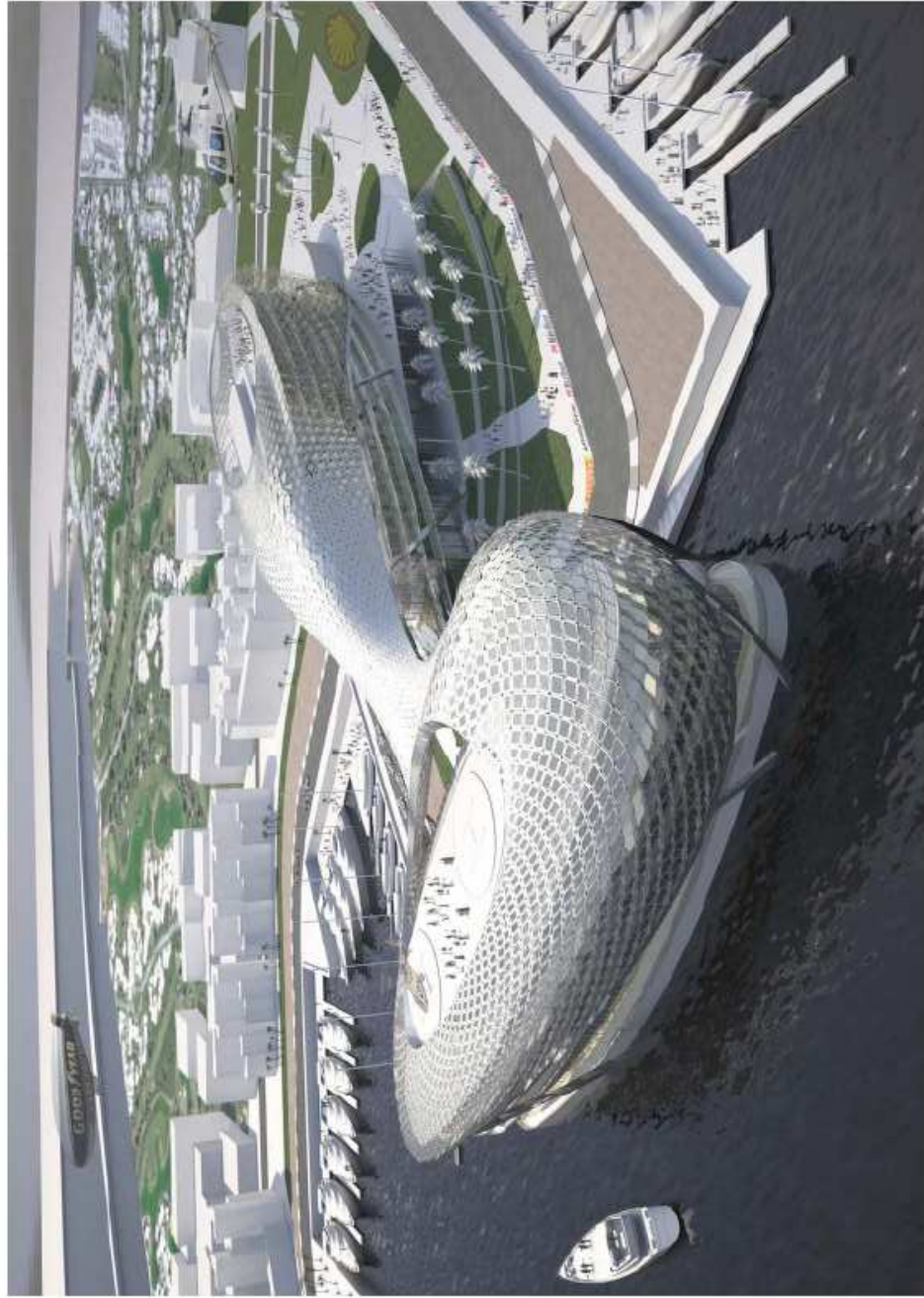


A part is comprised of a Formula One Racing Course inclusive Hotels, Grandstands and a Yacht Marina. The location is close to the Abu Dhabi International Airport on the north shore. To meet site and program constraints a 4000 m² preassembly area, featuring sand blasting and painting facilities is set up.

- Architect: Asymptote, New York
- Main Contractor: Al Futtain Carillion
- Final Client: ALDAR
- Date of first race: 1st of November 2009



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DESIGN INTENT

The Yas Viceroy Hotel is a landmark building, a new landmark for the Yas Viceroy Hotel, a new landmark for the Yas Viceroy Hotel.

The design intent is to create a building that is a landmark, a building that is a landmark, a building that is a landmark.

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COMPONENTS

The design intent is to create a building that is a landmark, a building that is a landmark, a building that is a landmark.



YAS ISLAND RACETRACK HOTEL

15 NOVEMBER 2007



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AS

LOUVRE, Paris

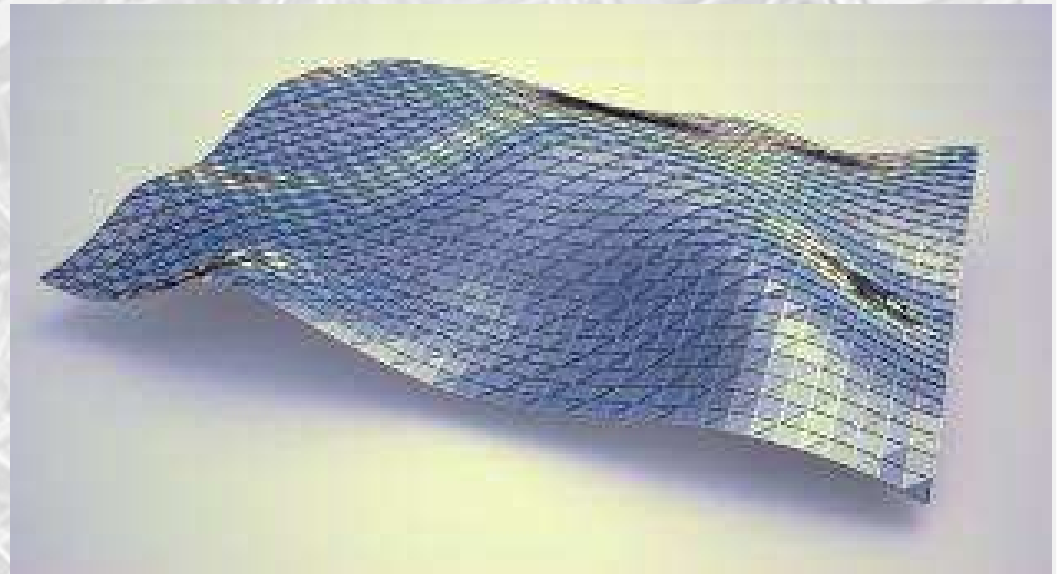


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COUR VISCONTI, Louvre, Paris, FR

The current and future work to achieve the vast “Louvre 2020” project involves a variety of phases and locations, such as the creation of a spectacular Islamic Art department in Cour Visconti. “The Cour Visconti will not be covered but will, in fact, remain visible”: this is the architectural decision declared by the architects Mario Bellini and Rudy Ricciotti in order to achieve a “gentle and non-violent integration” of a decidedly contemporary architectural design within a historical place.

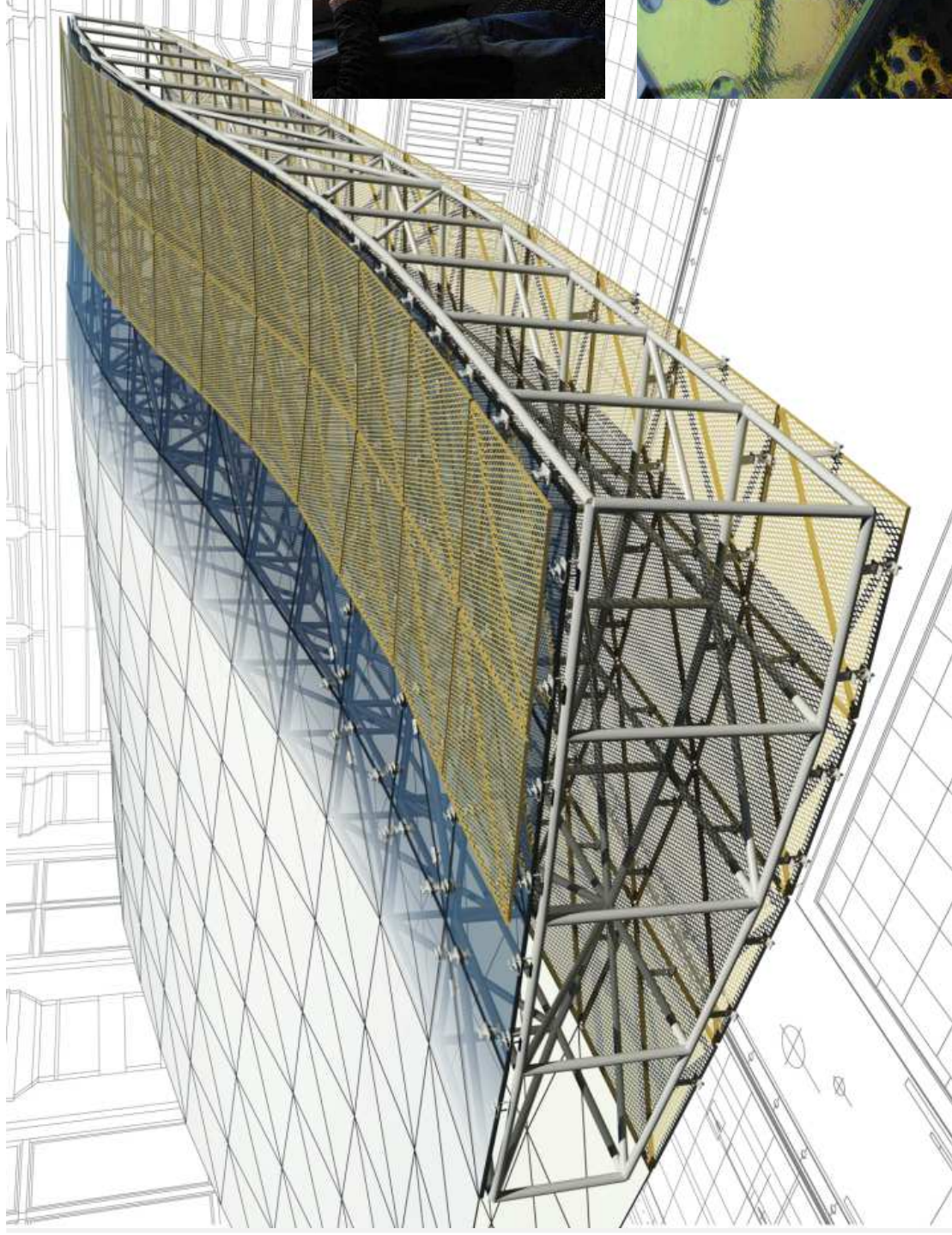
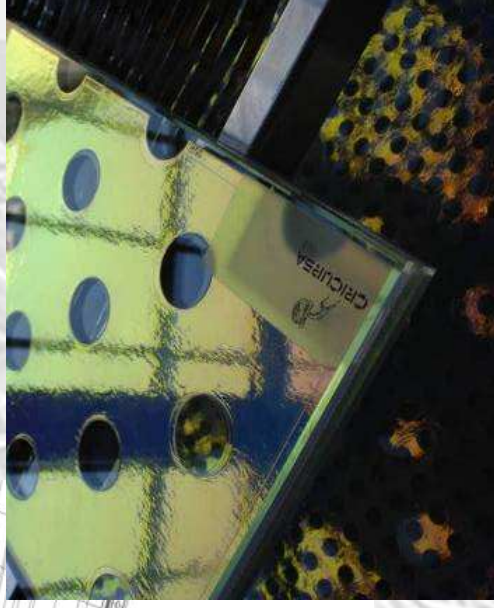
- Steel: 90 tons
- Roof: 1.700 m²
- Façade: 460m²
- Architects: Mario Bellini, Rudy Ricciotti
- Client: Musée du Louvre
- Management: Berim, Iosis
- Engineer: Hugh Dutton Ass.
- Bureau de Control: Socotec
- Date of completion: 2011



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HANGAR 7, Salzburg

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Hangar 7, Salzburg

Steel: Primary steel structure: 1.200 tons
Secondary steel structure: 280 tons
Point supported glass structure: 7.000 m²

Hangar 7 is highly likely to become a symbol of the Salzburg Airport. The building receives its majestic form through an elliptical shell with three axes and two glass cylinders which creates a structure of high aesthetic value. This demanding shape is carried by an extraordinary supporting frame covered by glass panes.

One of the prominent features of the interior is the so called Skybar situated in the central node of the structure accessible by a seemingly freely pendant curved ramp.

In the hall Red Bull Oldtimer airplanes, for shows and events, will be presented. Concurrently the luminated hangar will be the home base for the Flying Bulls operational planes and should in the future be used as an open museum.

Client: Red Bull
Architect: Burgstaller, Salzburg

Date of completion: August 2003



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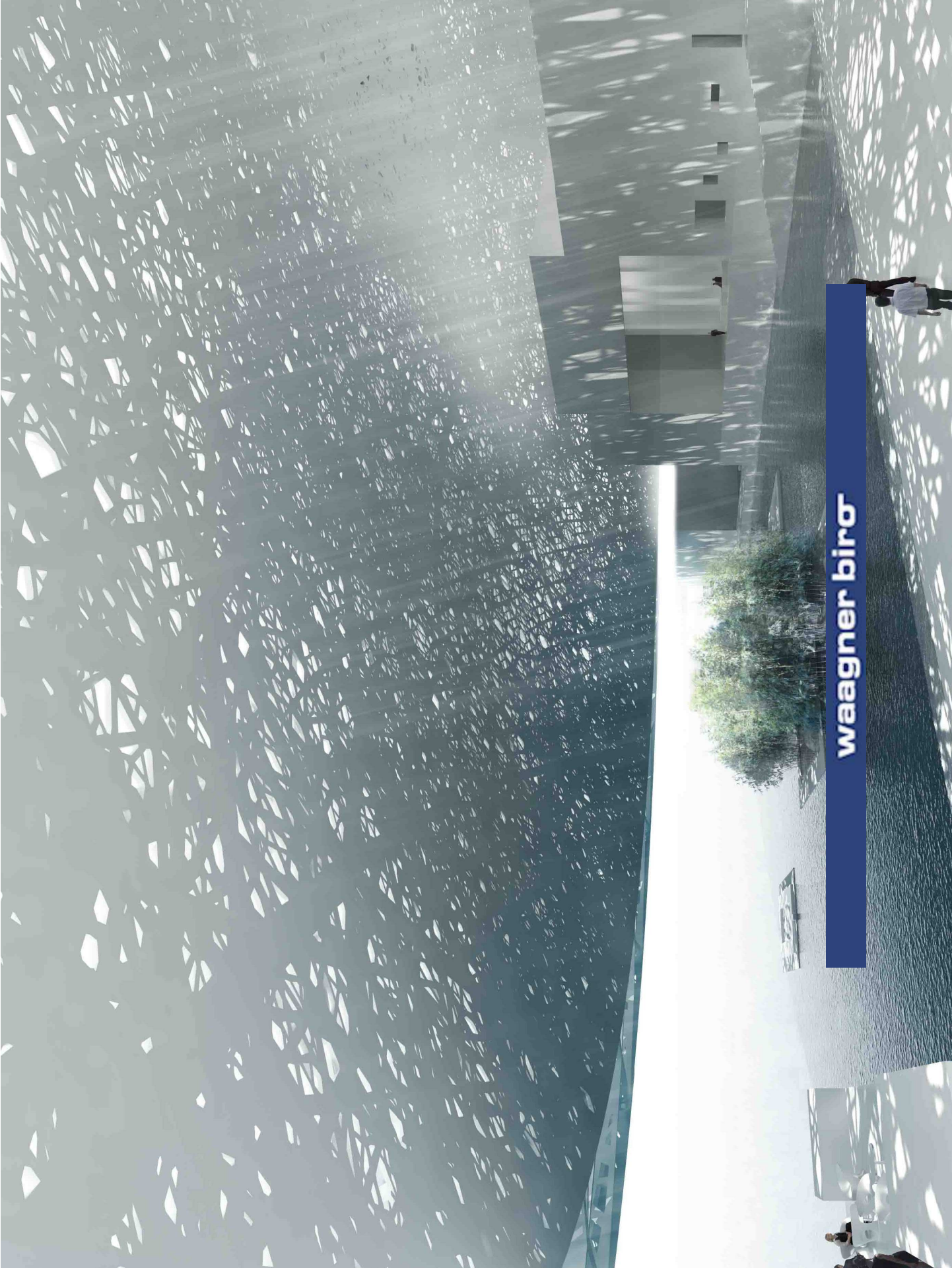
AUSBLICK

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LOUVRE, Abu Dhabi



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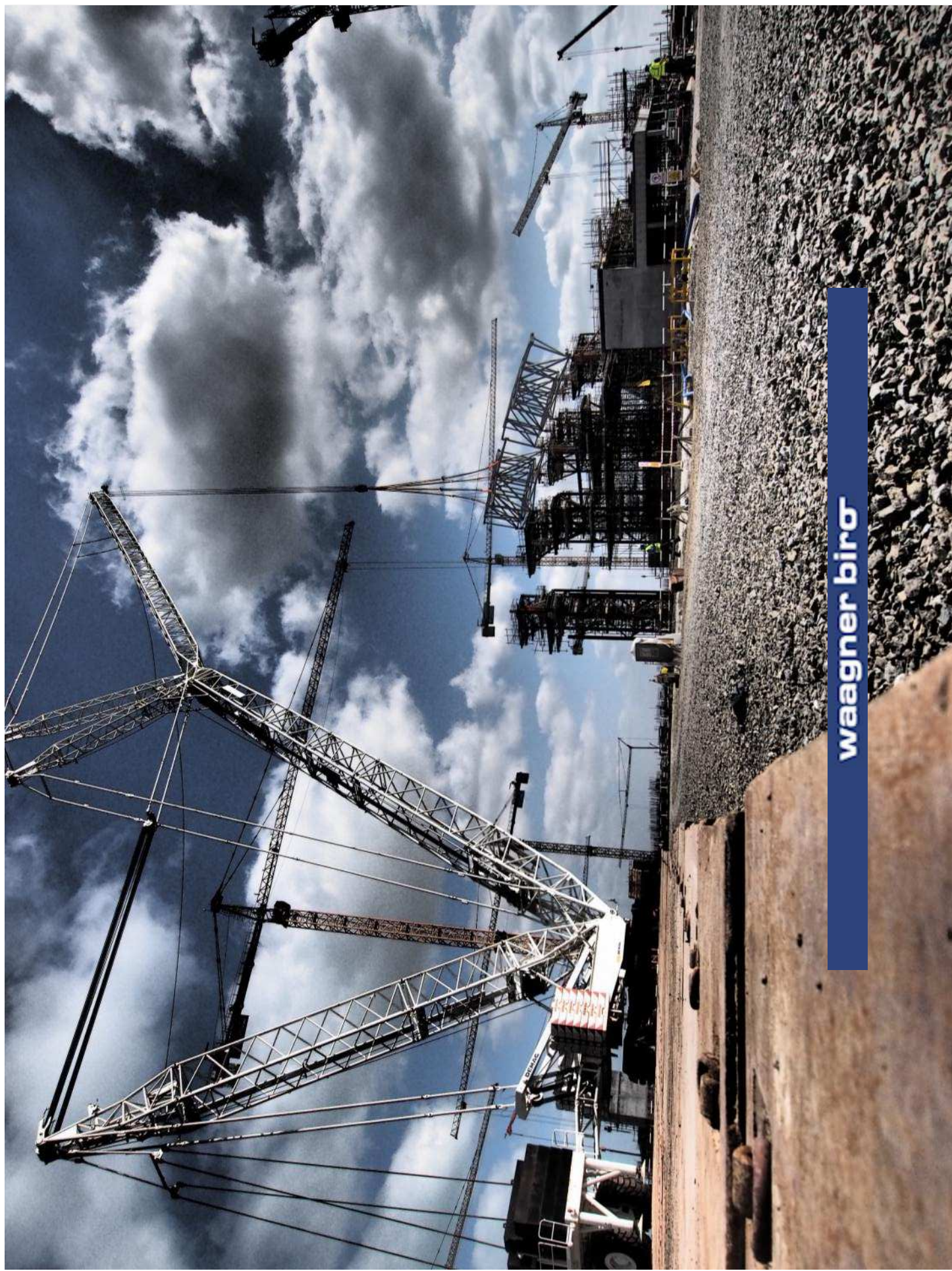
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