

# SOFiSTiK Projects

# Queensferry Crossing

Client: Transport Scotland

Contractor: Forth Crossing Bridge Constructors (FCBC)

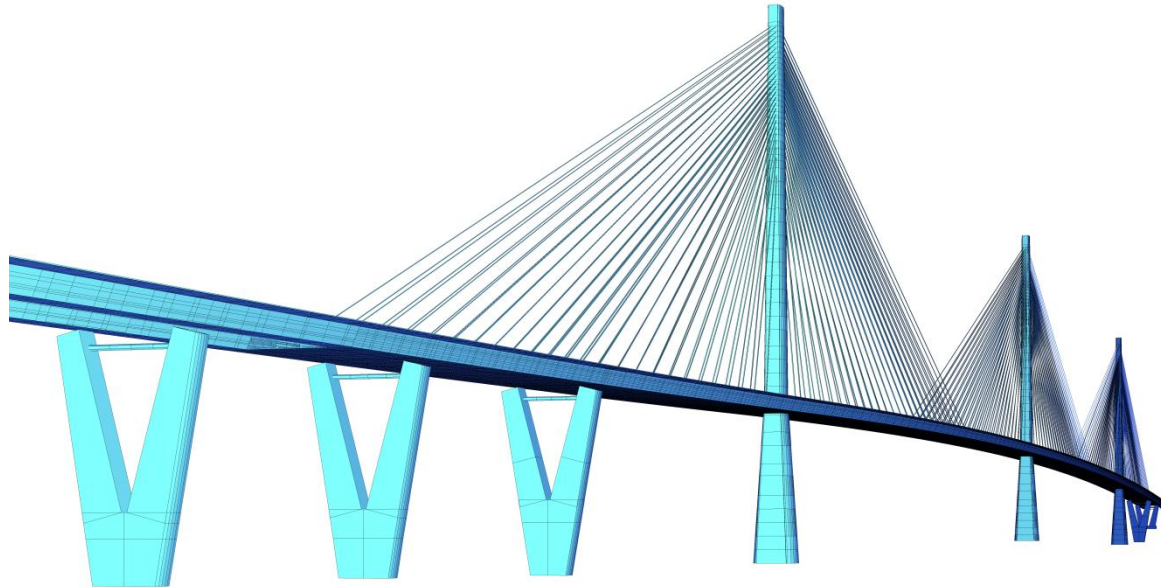
Project Development: Arup, Jacobs Engineering UK

Design Joint Venture: Ramboll, Grontmij,

Leonhardt, Andrä und Partner

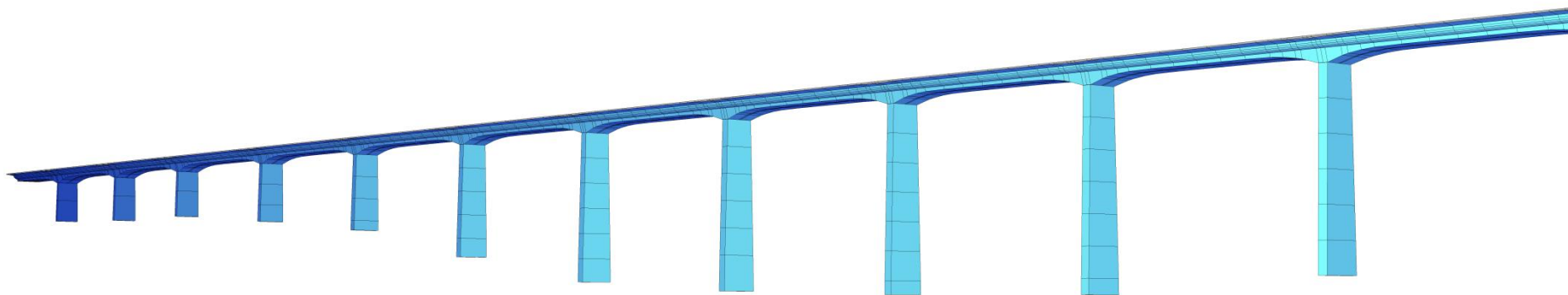
ICE: AECOM, URS

Picture: FCBC





Scherkondetalbrücke, Germany  
Multispan semi-integral post-tensioned bridge  
(Deutscher Brückenbaupreis 2012)  
Client: DB Netz AG  
Tender Design: DB ProjektBau GmbH  
Design: Büchting + Streit AG  
Independent Checker: Prof. Dr.-Ing. M. Curbach

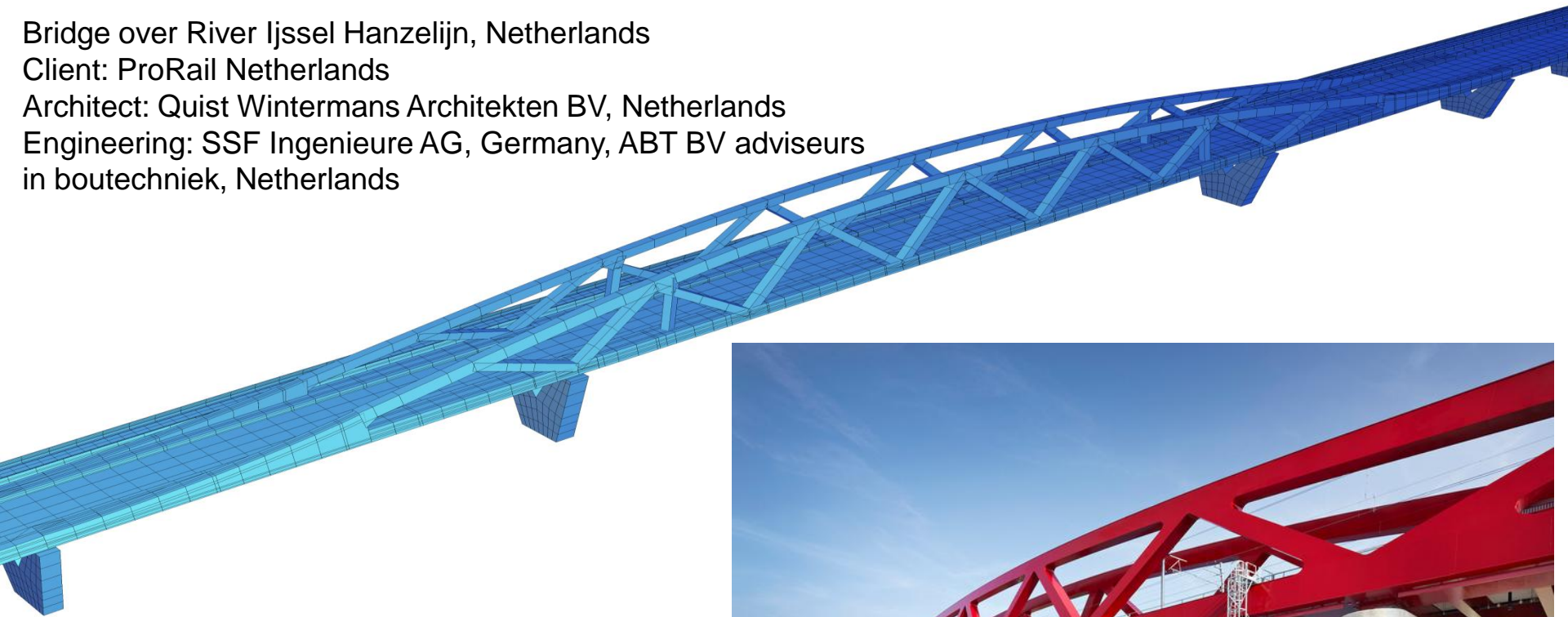


Bridge over River Ijssel Hanzelijn, Netherlands

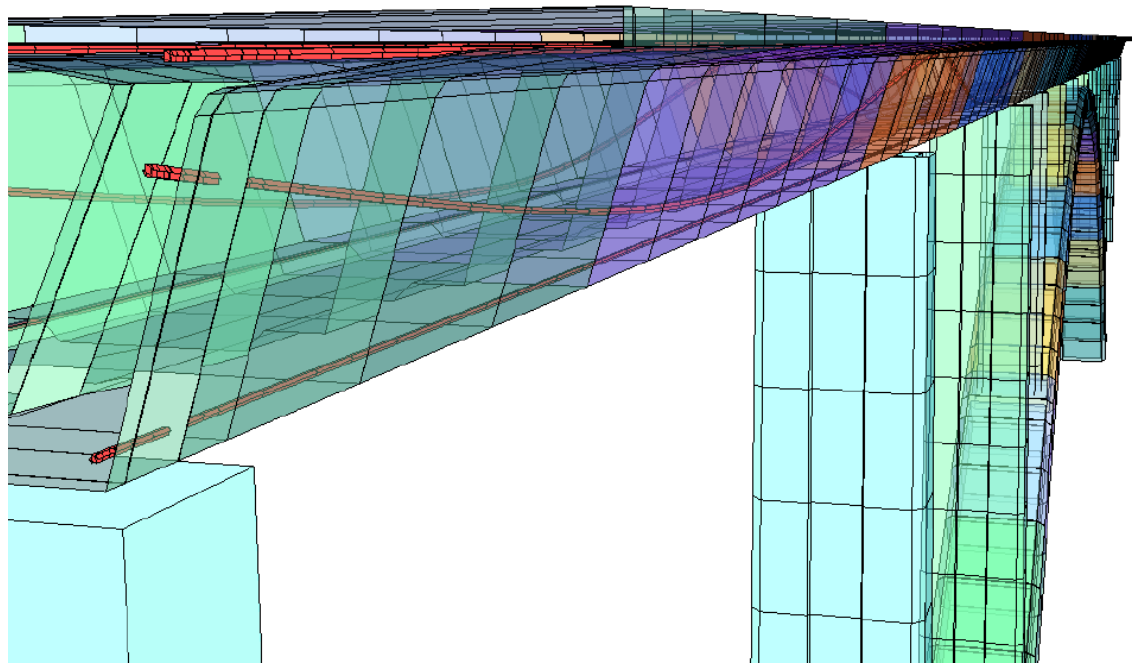
Client: ProRail Netherlands

Architect: Quist Wintermans Architecten BV, Netherlands

Engineering: SSF Ingenieure AG, Germany, ABT BV adviseurs  
in boustechniek, Netherlands



Massetal Railway Bridge, Germany  
Client: DB Netz AG  
Engineering: OBERMEYER Planen +  
Beraten GmbH, SSF Ingenieure AG,  
Büchting + Streit AG  
Independent Checker: Dr.-Ing. Walter Streit  
Photo: DB AG



Ponte della Musica, Rome

Client: Comune di Roma

Architecture: Kit Powell-Williams, C. Lotti e Associati

Engineering / Design: Buro Happold, MPA ingegneria

Construction Engineering : Dott. Ing. Giorgio Rizzo

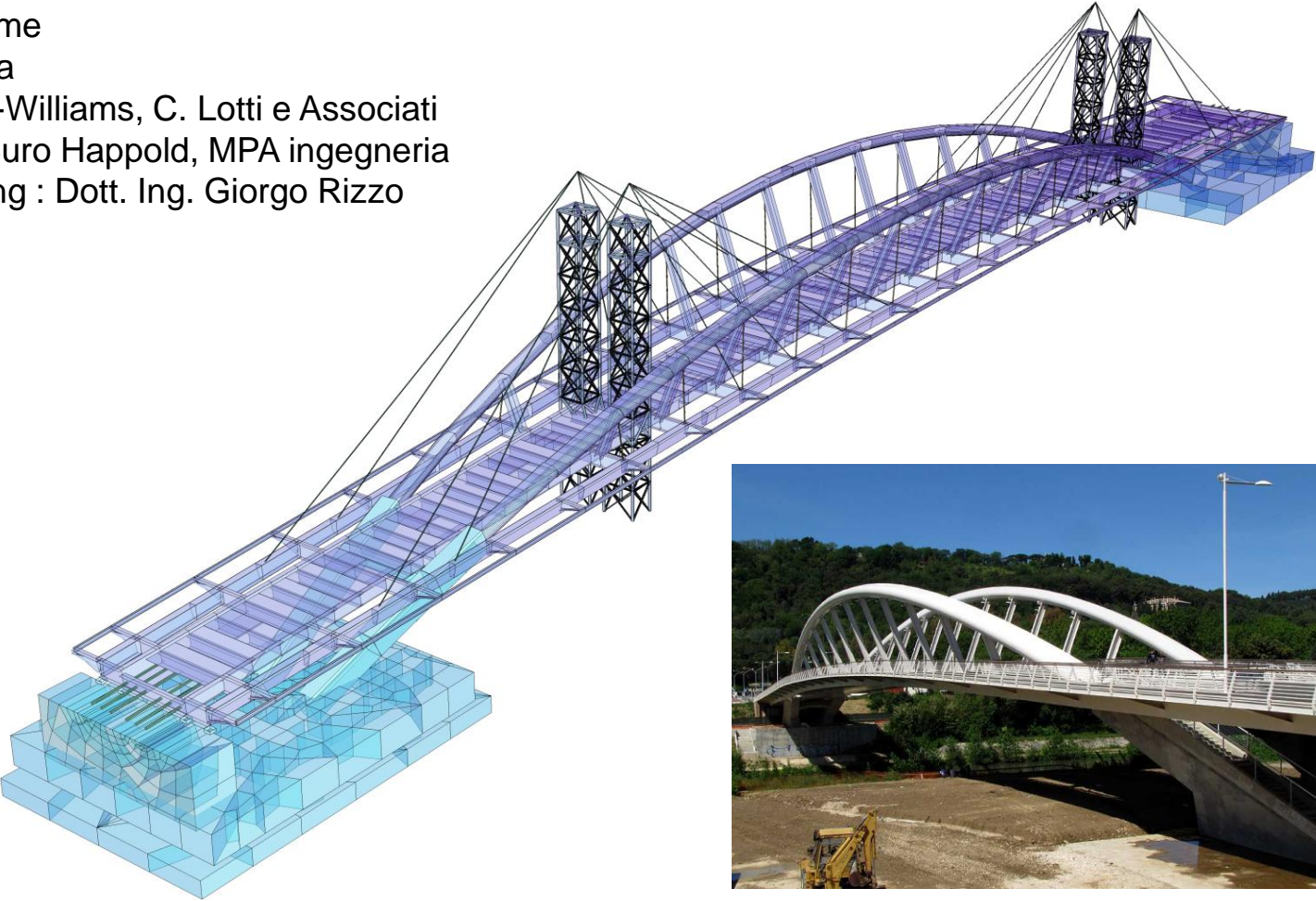
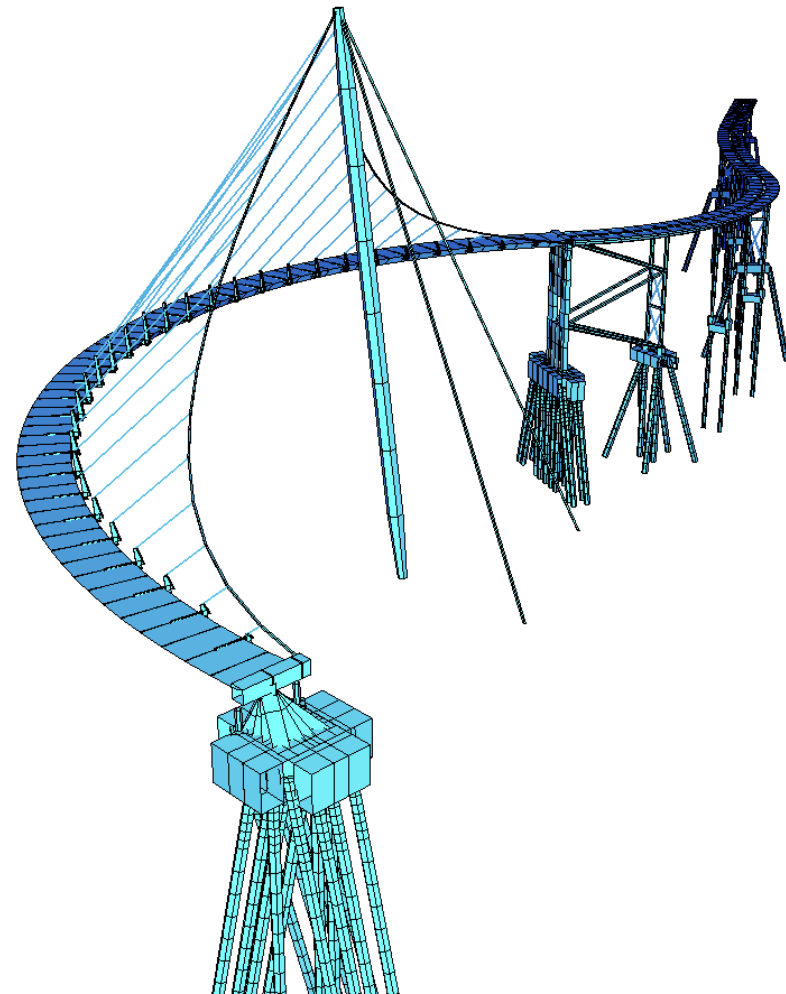
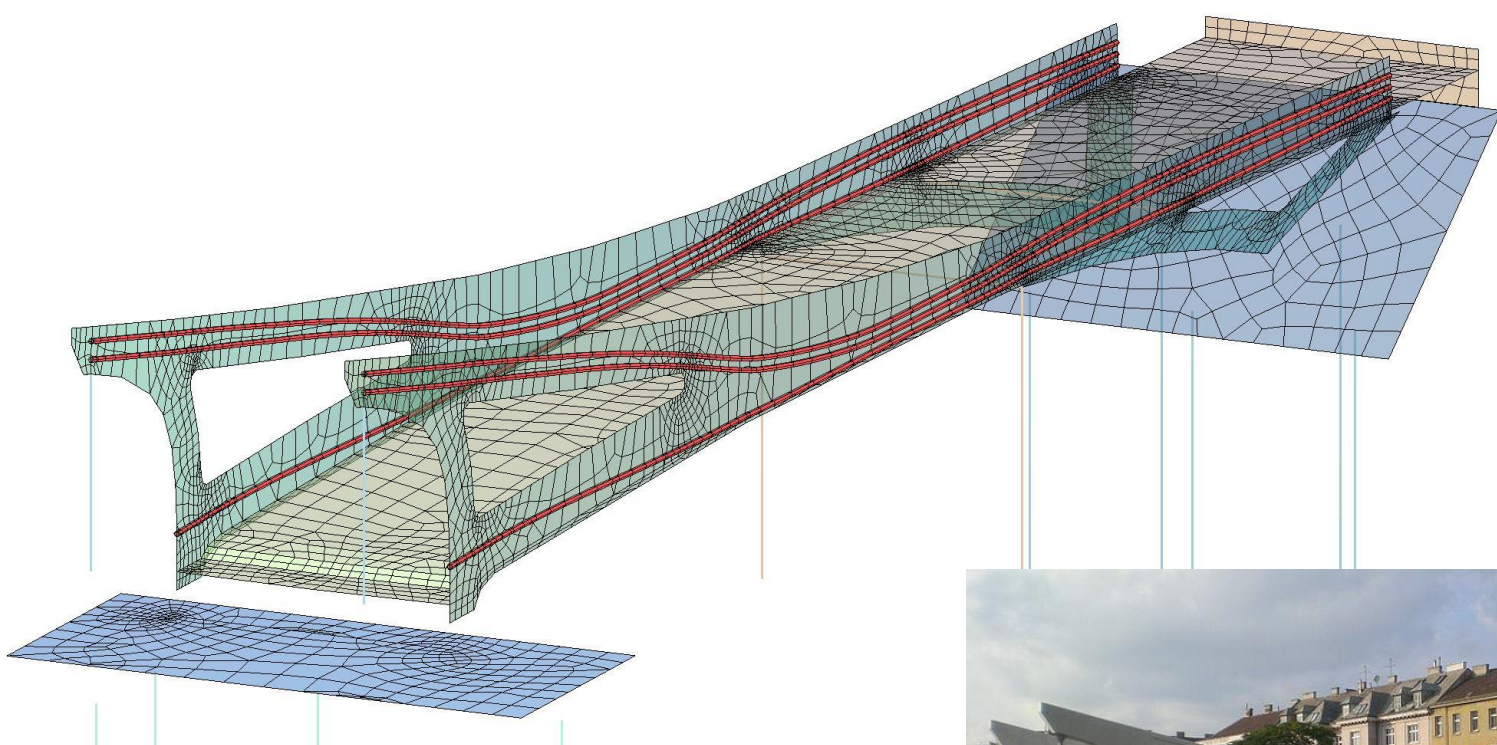




Foto schlaich bergemann und partner  
Knut Stockhusen

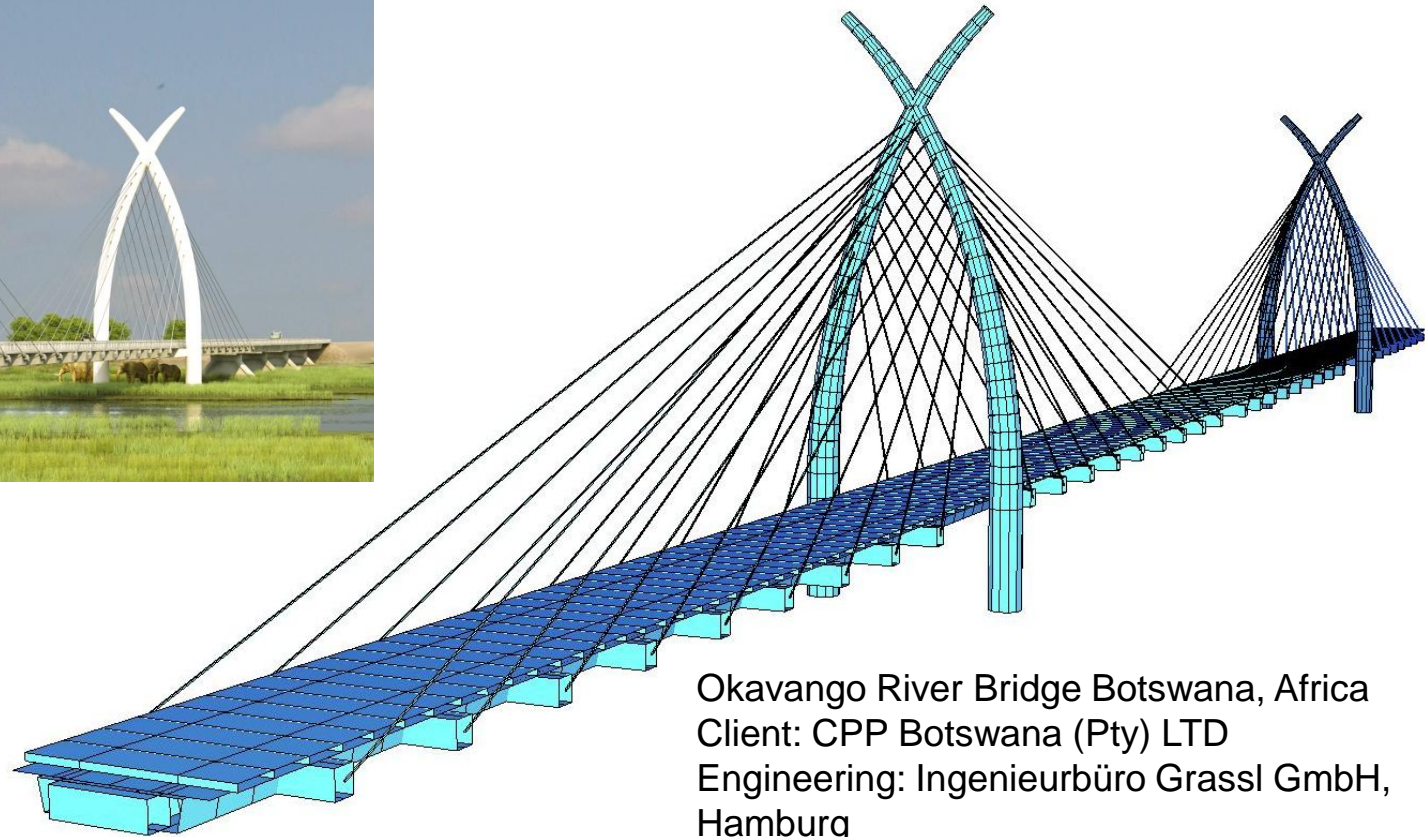


Footbridge Sassnitz, Germany  
Curved suspension bridge with one-sided suspension cables  
(Deutscher Brückenbaupreis 2010)  
Client: BIG-Städtebau Mecklenburg - Vorpommern GmbH  
Architecture and Engineering: schlaich bergemann und partner

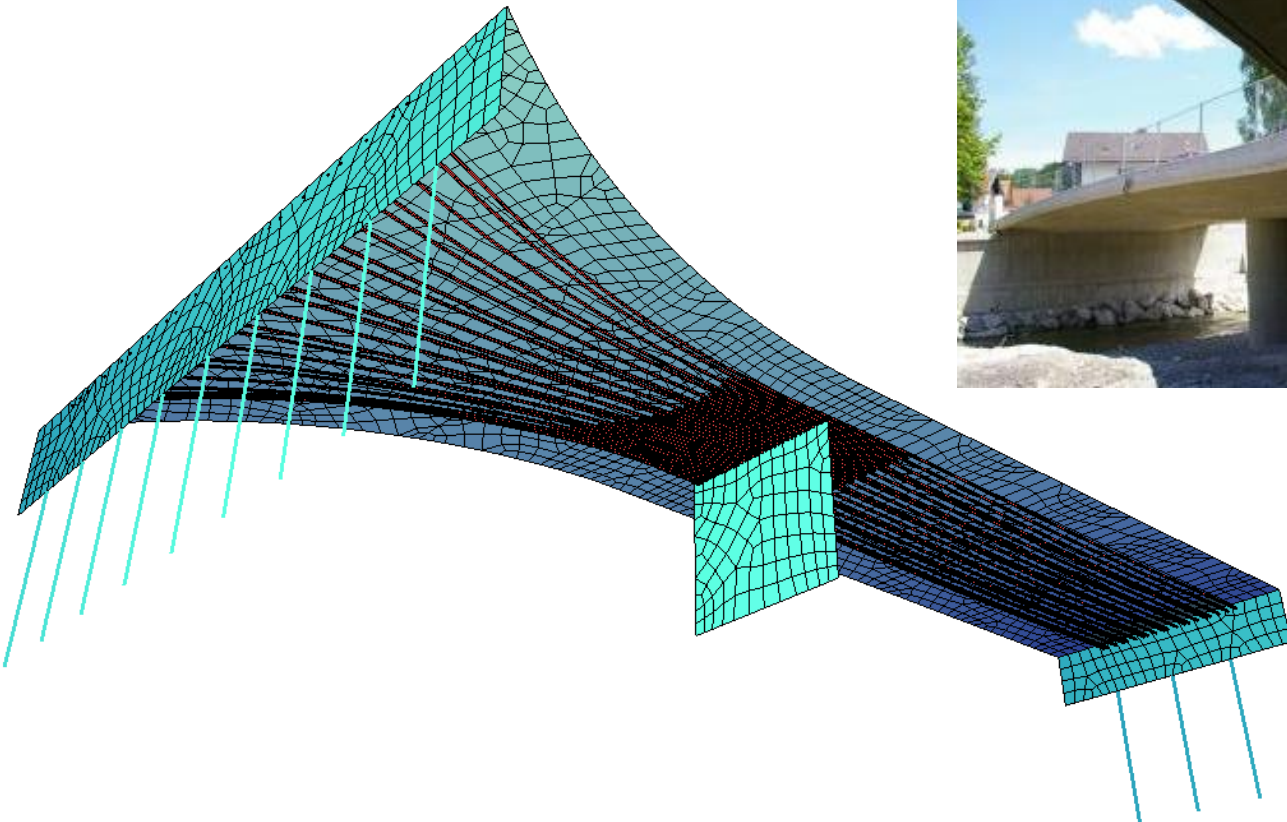


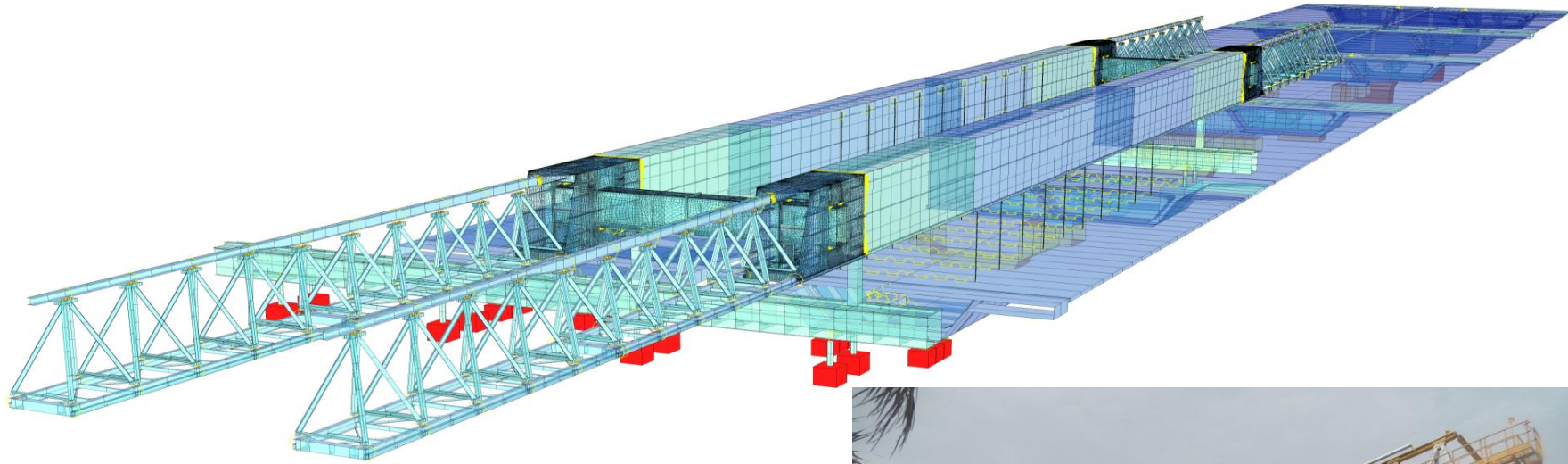
Paul Amann Footbridge, Vienna  
Engineering: ZT Mayer GmbH, DI Rudolf  
Hinterleitner + ZTHP , DI Matthias Parzer  
Design: DDI Rudolf Brandstötter



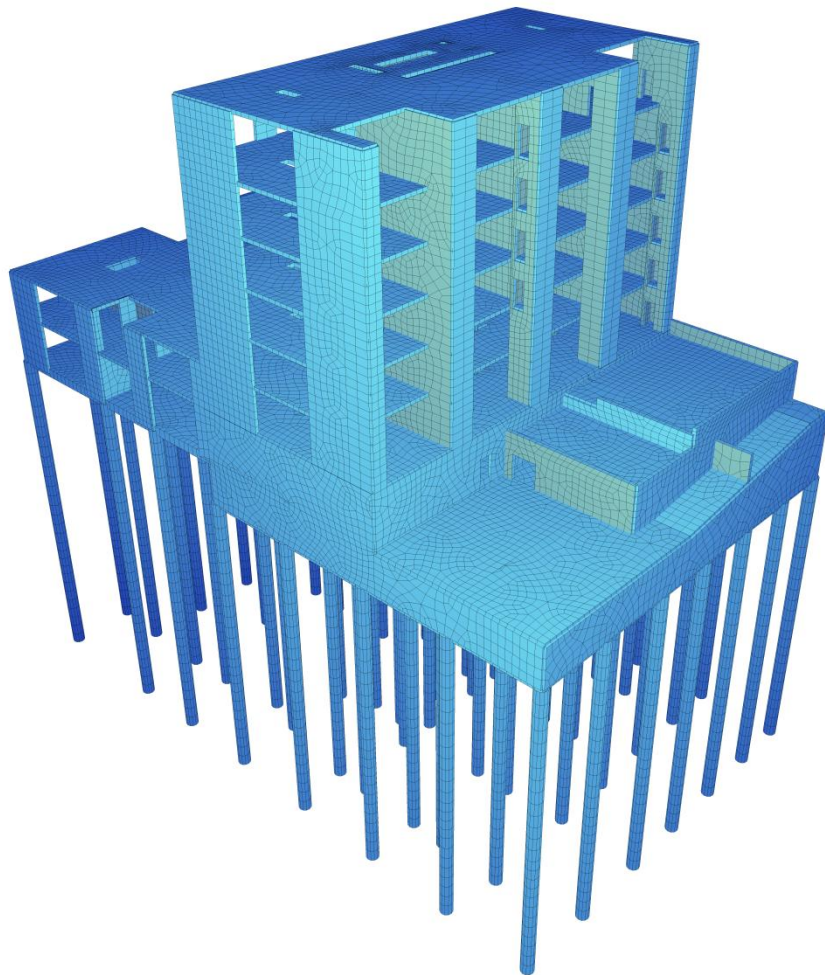


Okavango River Bridge Botswana, Africa  
Client: CPP Botswana (Pty) LTD  
Engineering: Ingenieurbüro Grassl GmbH,  
Hamburg

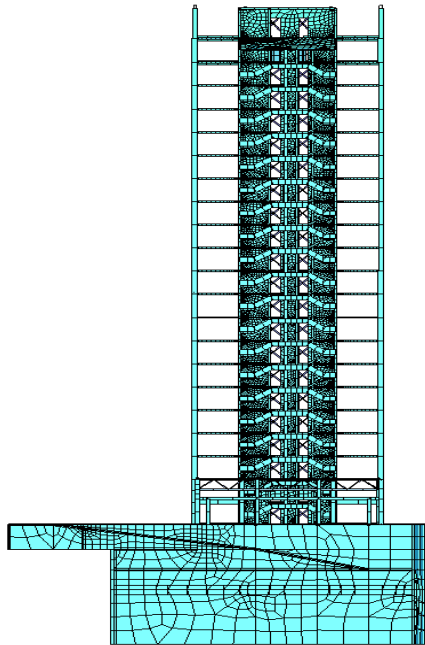
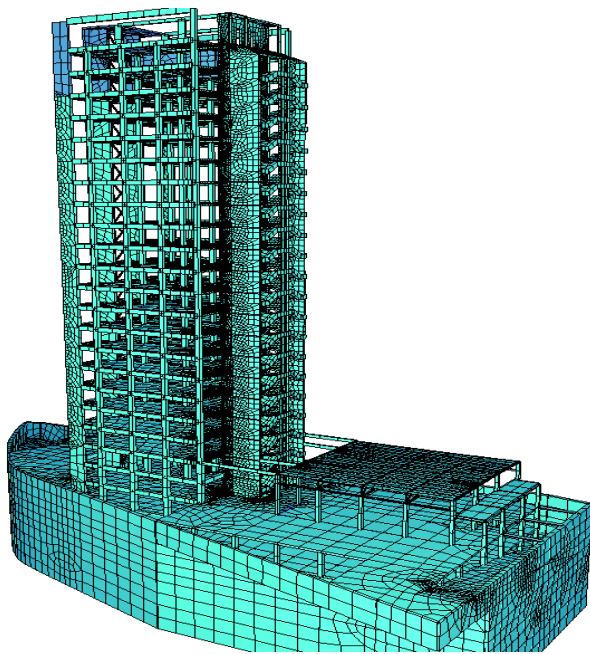




Jamal Abdul Nasser Street  
Client: State of Kuwait  
Contractor: Rizzani de Eccher, Obrascon Huarte Lain S.A.,  
Boodai Constructions w.l.l, Trevi  
Designer: Tony Gee and Partners (Asia) Ltd  
Construction Engineering: Deal Srl



Think K Stuttgart Killesberg  
Engineering: WSP CBP Tragwerksplanungs GmbH  
Architects: CAP Architects, Baumschlager  
& Eberle und David Chipperfield Architects

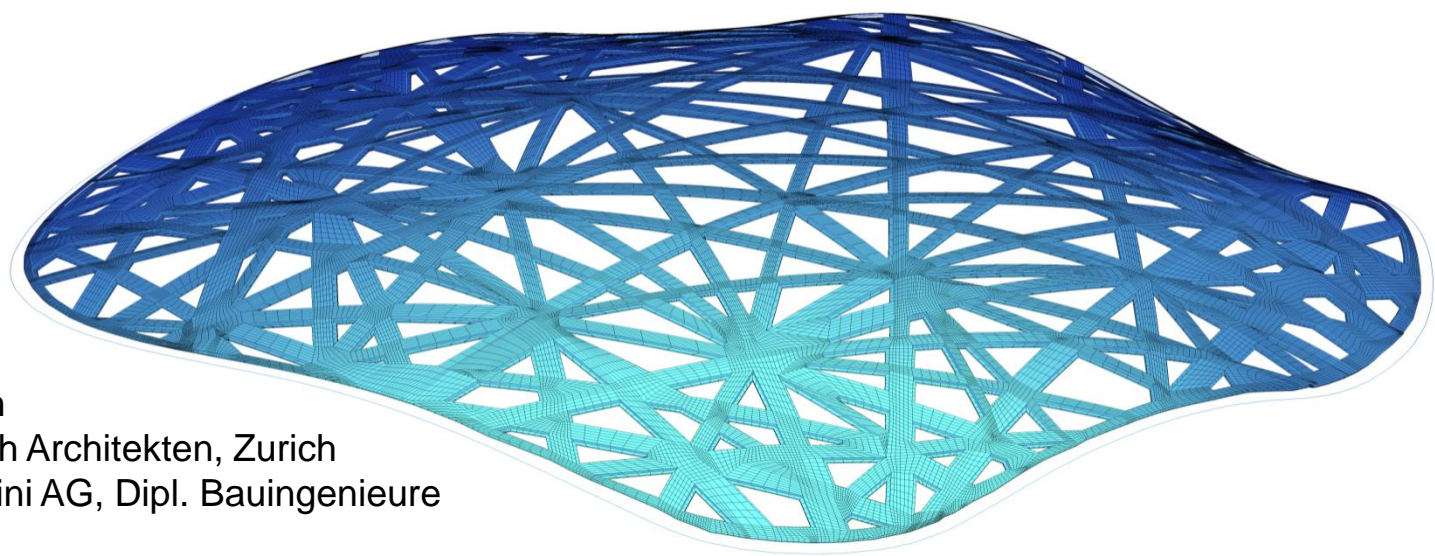


Hospes Huerto del Emir Hotel, Murcia

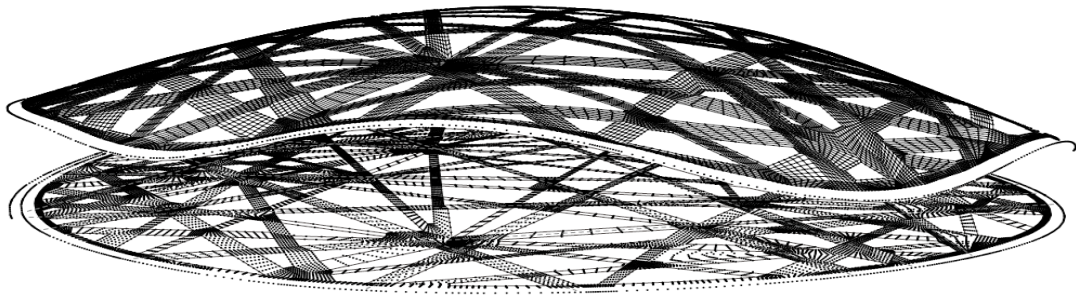
Client: FCC

Architects: Francisco Lorente, Rafael Masaveu, Mariano Sánchez, José Luis Cano Clares

Structural Design: Calter Ingeniería, Madrid



Elephanthouse, Zoo Zurich  
Architect: Markus Schietsch Architekten, Zurich  
Engineering: Walt+Galmarini AG, Dipl. Bauingenieure  
ETH SIA USIC, Zurich  
Digital Planning: Kaulquappe GmbH, Zurich



POSITION 7

POSITION 7

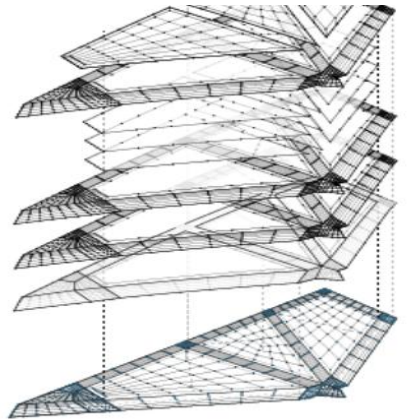
POSITION 4- 6

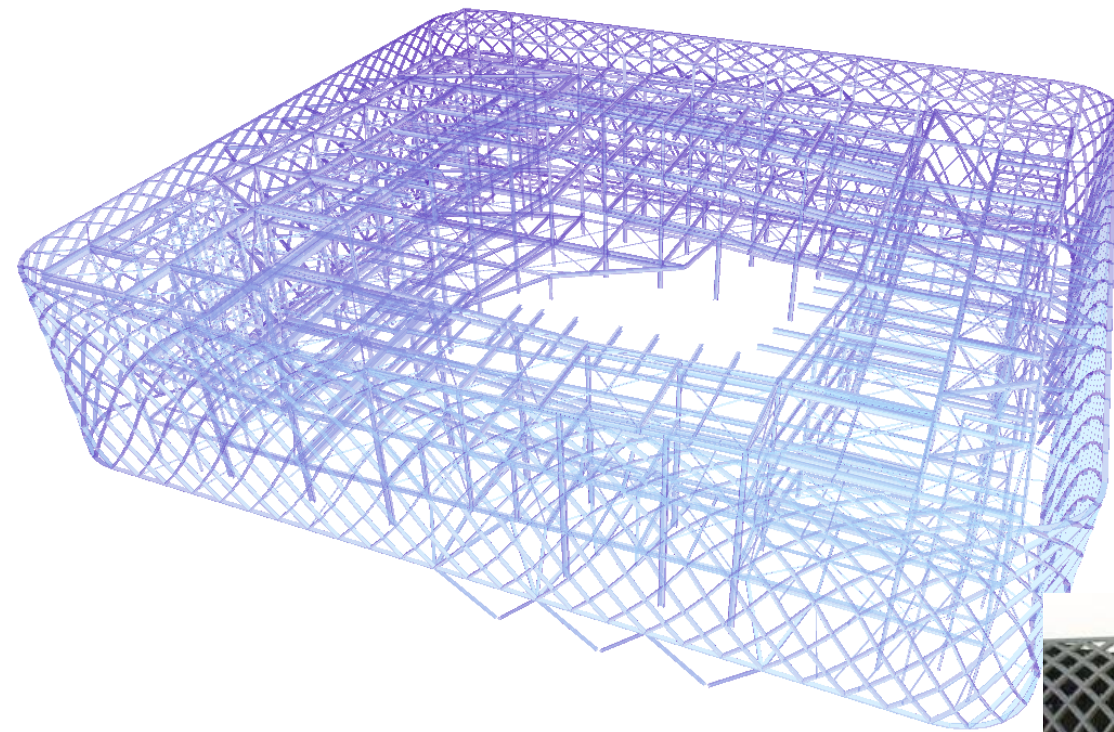
POSITION 3

POSITION 2

POSITION 1

2D QUADS MESH





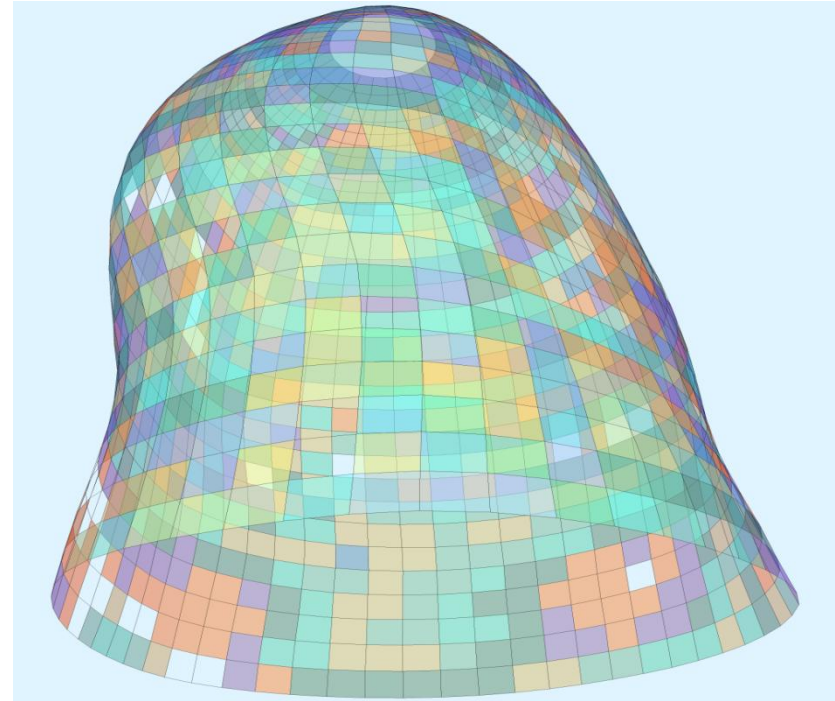
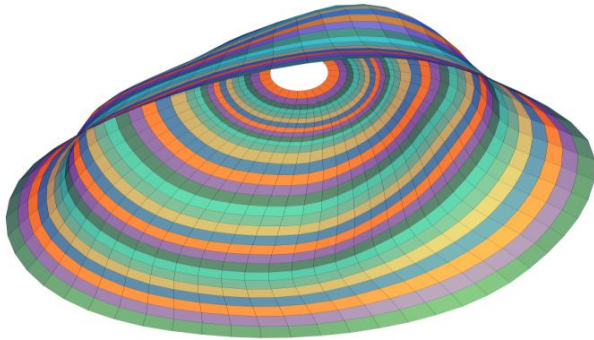
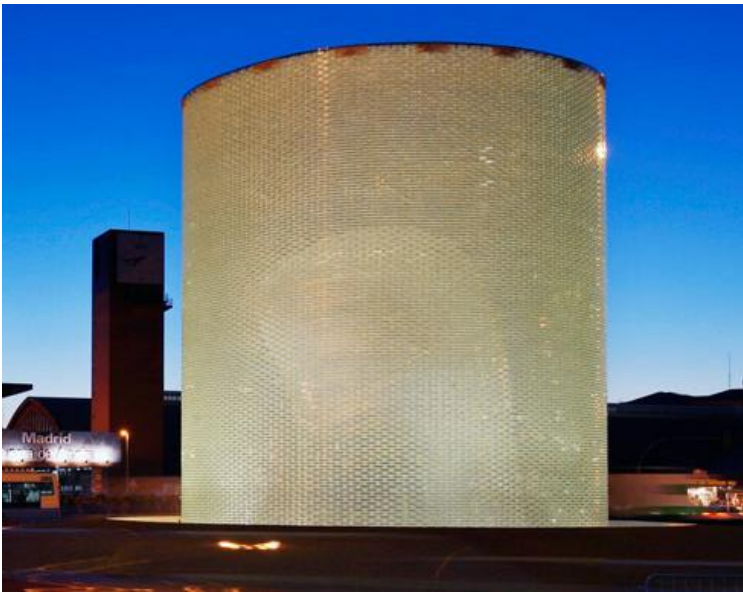
Pavillon de la France - Universal Exhibition 2010,  
Shanghai  
Client: COFFRES SAS  
Architect: Jacques Ferrier Architectures  
Engineering: C & E ingénierie, Paris

Monumento 11M, Madrid

Client: Ayuntamiento de Madrid, RENFE

Architect: FAM Arquitectura y Urbanismo S.L.

Structural Engineering: schlaich bergemann und partner





AWM Carport, Munich

(Ingenieurpreis 2013 der Bayerischen  
Ingenieurekammer-Bau)

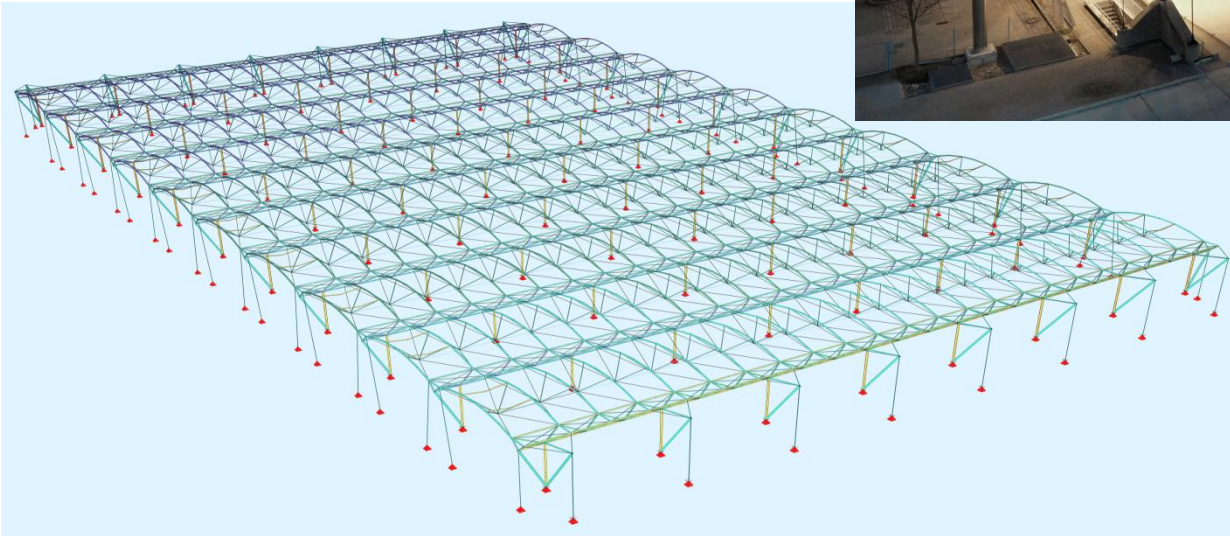
Contractor: Landeshauptstadt München

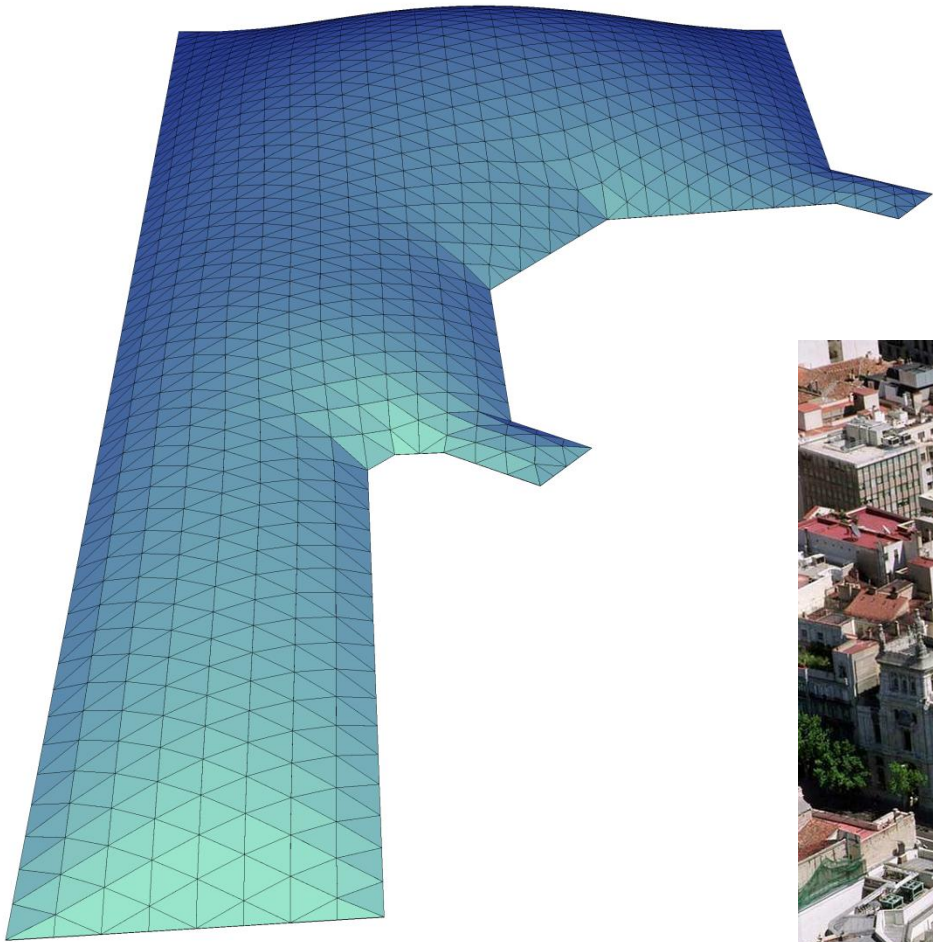
Client: AWM Munich

Architect: Ackermann und Partner, Munich

Engineering: Ackermann Ingenieure, Munich

Photo: Richie Müller

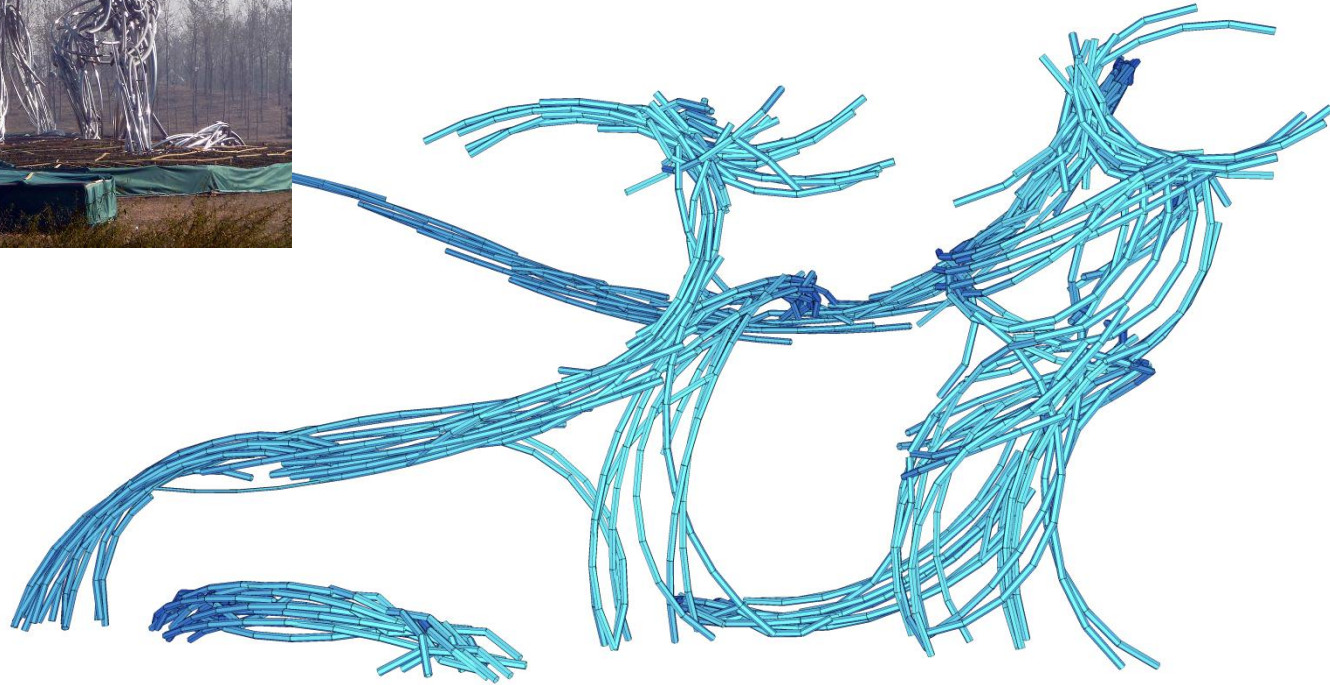




Palacio de Comunicaciones courtyard roof, Madrid  
Gridshell Design: schlaich bergemann und partner  
Architect: Arquimática S.L., Madrid  
Contractors: Lanik  
Cooperation: Arqing

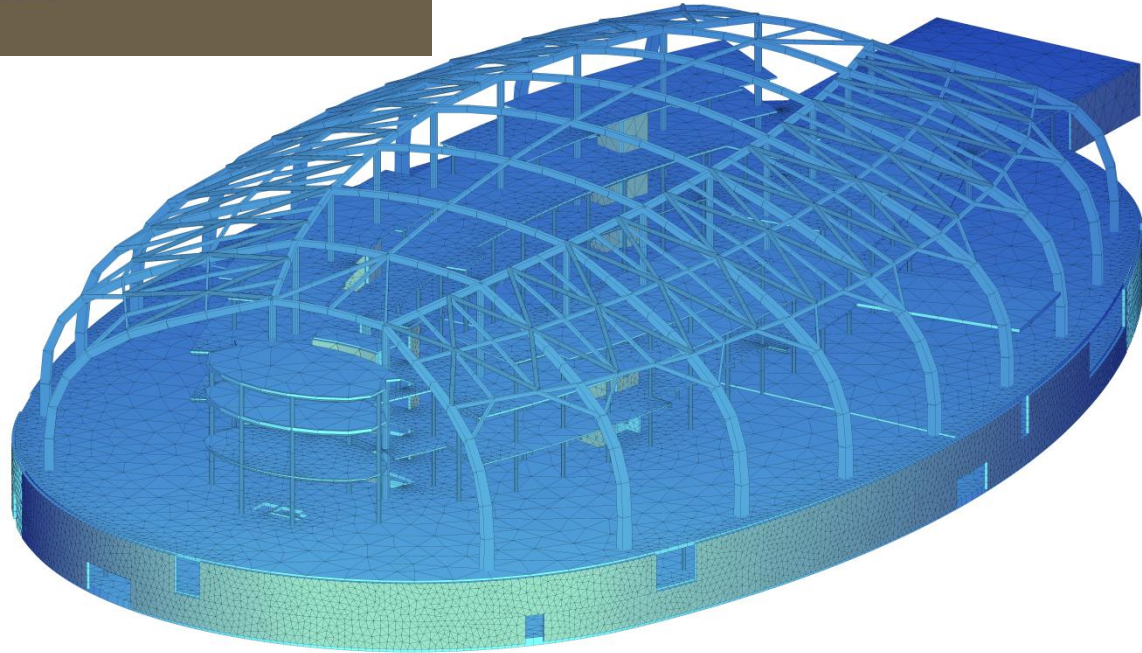


Athletes Alley - Beijing 2008  
Design-Sculptor: Olivier Strebelle  
Engineering: Jean-Marc Weill, C & E ingénierie

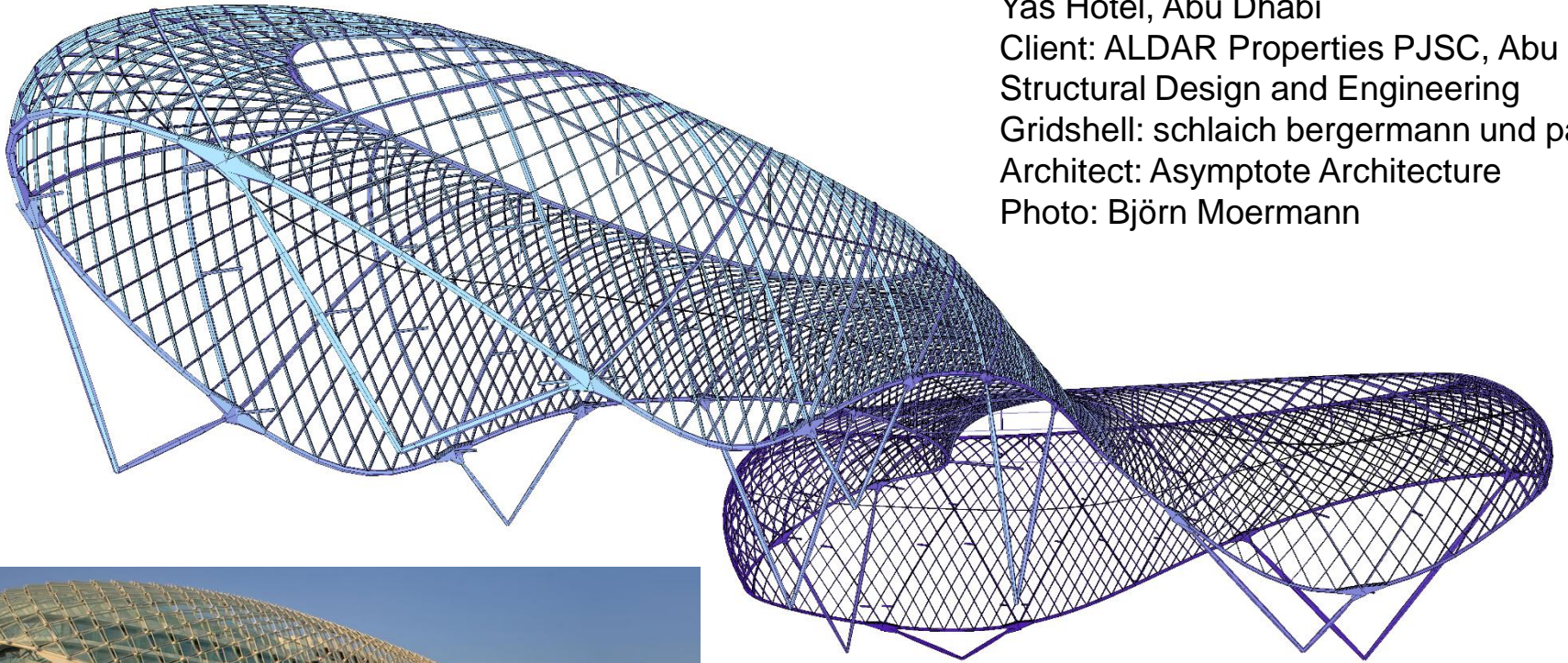


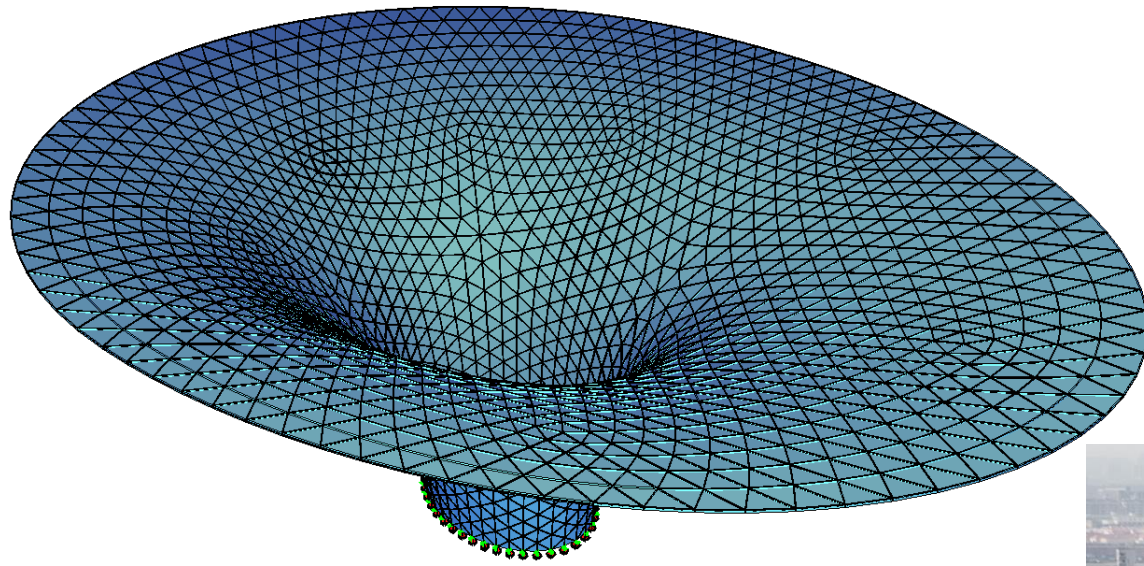


Argel's Intermodal Station, Algeria  
Engineering: SILGA S.L., Madrid  
Architecture: Tecnia Ingenieros

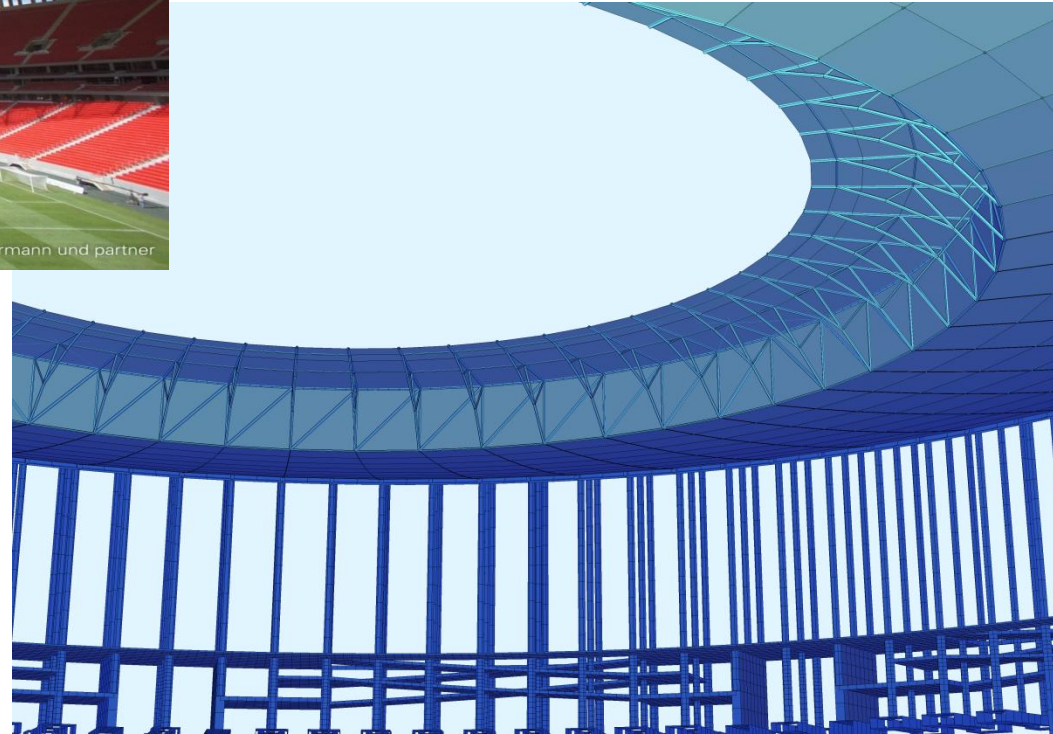
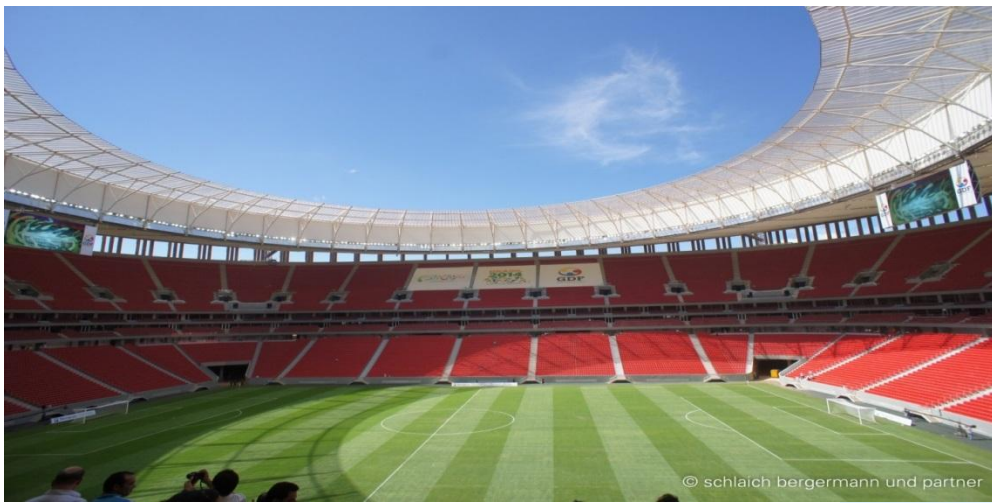


Yas Hotel, Abu Dhabi  
Client: ALDAR Properties PJSC, Abu Dhabi  
Structural Design and Engineering  
Gridshell: schlaich bergemann und partner  
Architect: Asymptote Architecture  
Photo: Björn Moermann





Megastructure - Expo Shanghai 2010, Shanghai  
Client: Shanghai World EXPO Land Holding Co. Ltd., Shanghai  
Architect: SBA GmbH Shanghai/Stuttgart  
Engineering: Knippers Helbig GmbH , Stuttgart



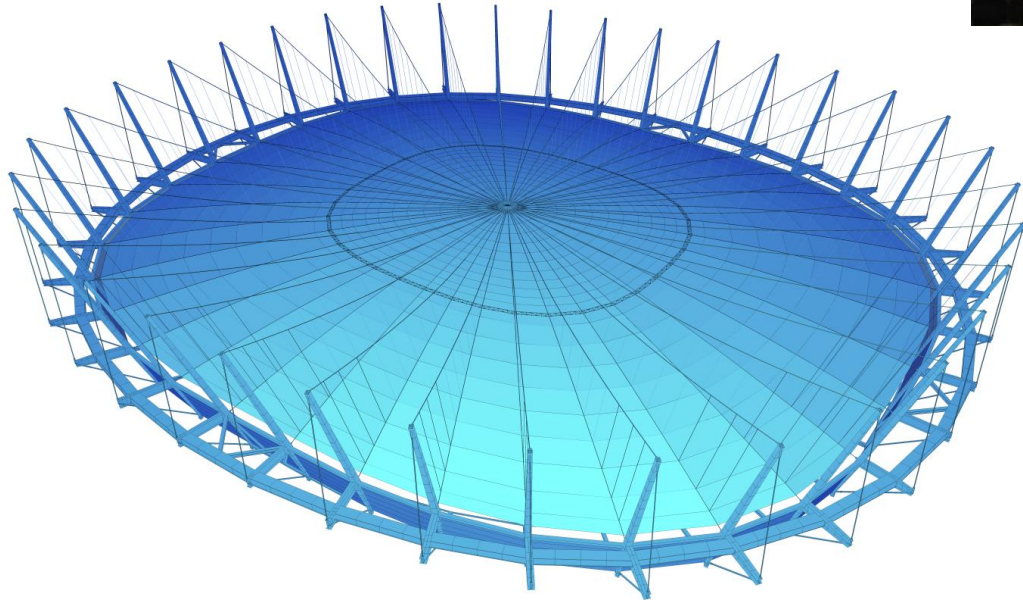
Brasília National Stadium, Brasil

Client: Novacap, Brasilia

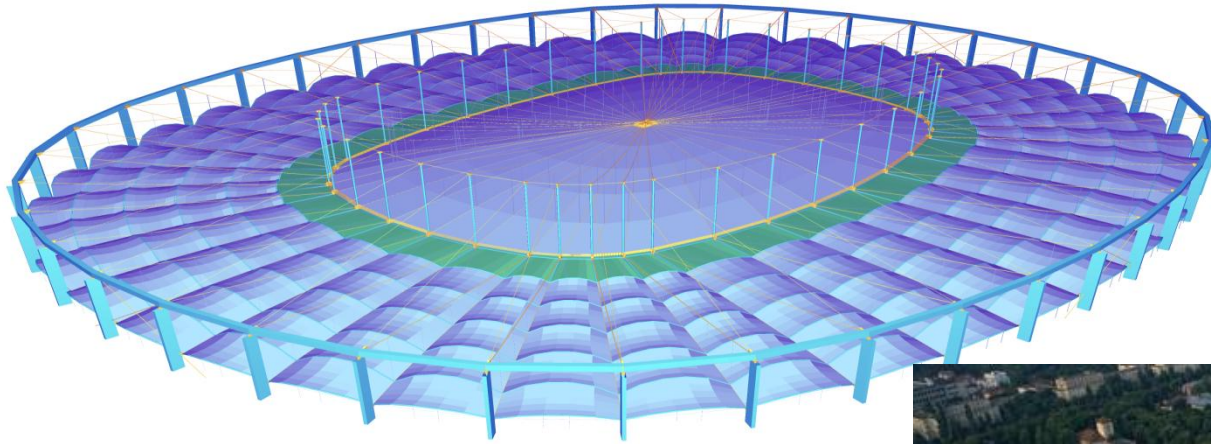
Layout and structural design roof and esplanade:  
schlaich bergemann und partner

Architects: gmp · Architekten von Gerkan, Marg  
und Partner, Castro Mello Arquitetos, São Paulo

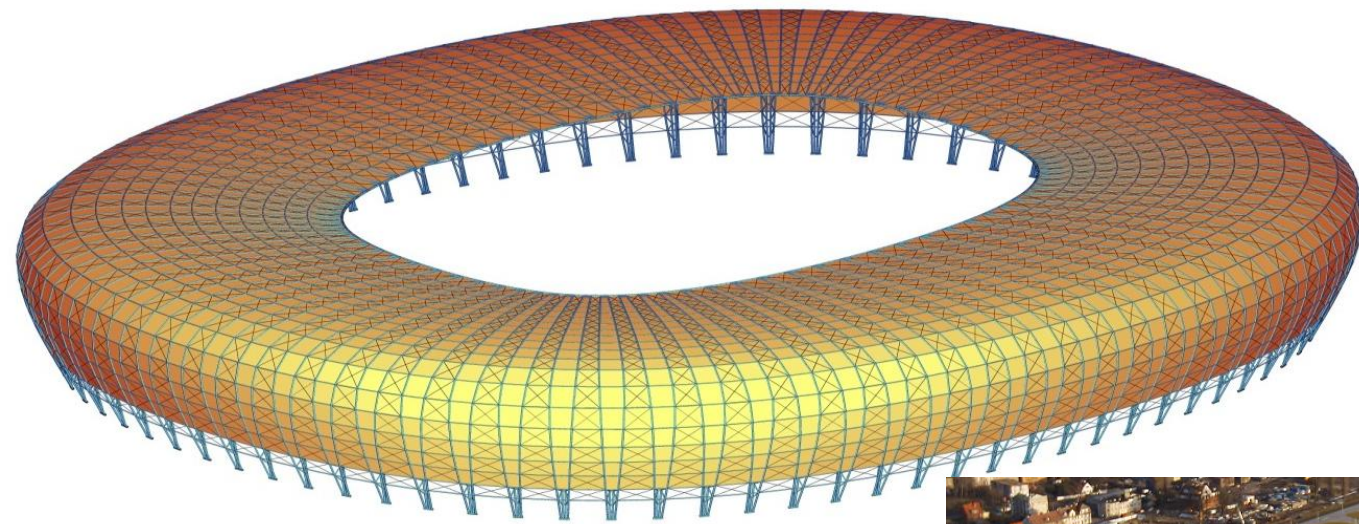
Rehabilitation Stadium BC Place, Vancouver  
Owner: BC Place, Vancouver  
Conceptual Design, Construction Design: schlaich  
bergemann und partner  
Architect: Stantec, Vancouver  
Contractors: Canam, Freyssinet, Hightex  
Cooperation: David Campbell, engineer of record







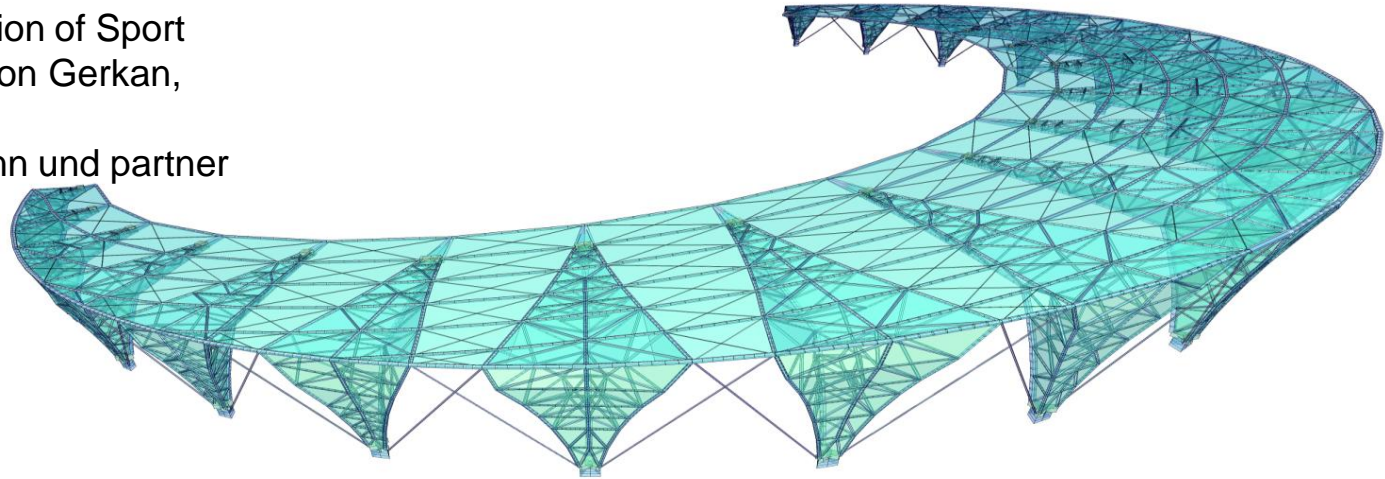
Lia Manoliu National Stadium, Bucharest  
Architect: gmp - Architekten von Gerkan, Marg  
und Partner  
Engineering: schlaich bergemann und partner  
Roof Structure: Hans Börner GmbH & Co. KG

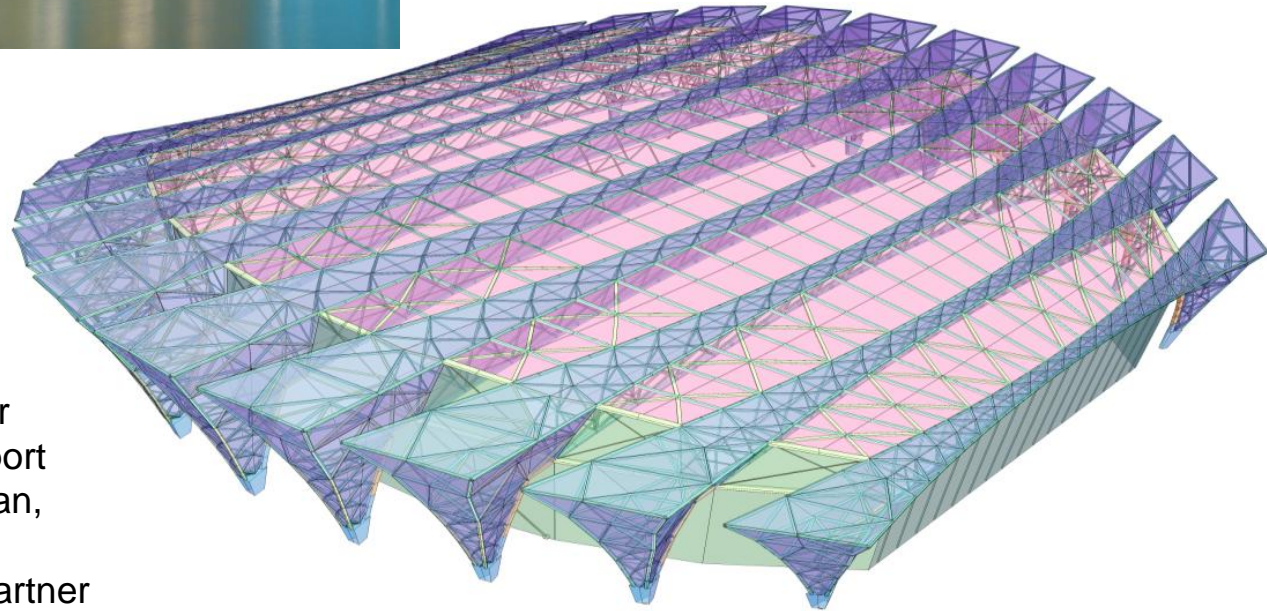


PGE Arena Gdansk, Poland  
Architect: RKW Rhode Kellermann Wawrowsky,  
HPP Hentrich Petschnigg & Partner  
Engineering: B+G Ingenieure Bollinger und Grohmann  
Engineering Steel-Roof and Membrane: KBP Zoltowski

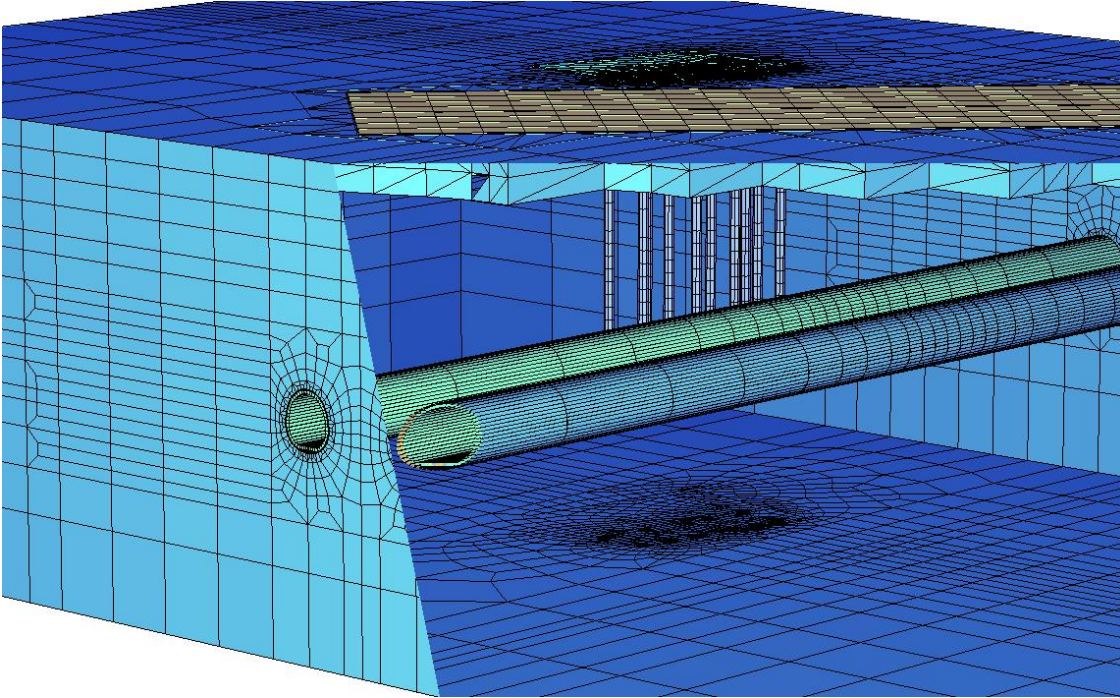


SOSC Shanghai Oriental Sport Center  
Owner: Shanghai Administration of Sport  
Architect: gmp - Architekten von Gerkan,  
Marg und Partner  
Engineer: schlaich bergemann und partner





SOSC Shanghai Oriental Sport Center  
Owner: Shanghai Administration of Sport  
Architect: gmp · Architekten von Gerkan,  
Marg und Partner  
Engineer: schlaich bergemann und partner



Soil-Structure Interaction between existing Metro  
Tunnels and Media-Bridge Building, Munich  
Client: IVG Development, München  
Architect: Steidle Architekten  
Engineering: bwp Burggraf + Reiminger

