


DESIGN



Creating value

RAMBOLL

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A Ramboll publication

Assyafaah Mosque is an attempt to create a distinctively modern mosque as an alternative to the Middle Eastern model, with its dome, arches and ornate minarets.

The inspiration for the building is the universally recognisable Muslim art form of the arabesque, which is used on aluminium screens to create shadows, as well as on floor tiles and carpets.

The mosque provides a naturally ventilated main prayer hall for 730 people – with a four-storey-high canted ‘mihrab’ wall – a female prayer gallery, 16 classrooms, ablution areas, administrative offices and a car park.

Feature cover photography
by Forum Architects

Design excellence creating value for clients and communities

Ramboll has established a Global Design Board to ensure consistency to current design practices and drive design quality to new levels of excellence.

Dr Hossein Rezai has taken on the role of Global Design Director, the first in Ramboll's history, and is responsible for building and articulating the design culture.

Jurong Lake Gardens, Singapore's third national garden and the first in the heartlands, Lakeside Garden is a 53-hectare site that restores the landscape heritage of the freshwater swamp forest as a canvas for recreation and community activities.

Photo by Ture Andersen



Hossein is the founding director of legacy Web structures. He is an engineer, a design visionary and an educator.

One of the initiators of the concept of "Fusion Engineering", Hossein is the first and only engineer to receive the coveted title of "Designer of the Year" from the President of Singapore. His high profile contributions to industry discourse include Master Jury role on the Aga Khan Award for Architecture, Jury member for Singapore President's Design Award, and extensive lectures and talks at various universities including University of Westminster - London, National University of Singapore and Singapore University of Technology and Design - Singapore, Milan Politechnic - Milan, and elsewhere.

"When Børge Rambøll and Johan Hannemann founded the company 75 years ago, they had a clear vision for purposeful design. Their legacy is about building societies and improve the conditions for people and nature." Says Peter Heymann Andersen, Chief Operating Officer Markets.

The Design Excellence Board (DEB) has been established with representative from all PBUs where Ramboll buildings are represented and meets on a monthly basis with an aim to develop and promote design excellence across markets.

"Purposeful design is not vain, it is not about aesthetics. Instead it is in the service of a higher cause. It is through purposeful design that we contribute towards addressing climate change, resource scarcity and the multitude of challenges that humanity and our planet are facing" says Hossein Rezai.

“Purposeful design is not vain, nor is it about aesthetics. It is in the service of a higher cause.”

Hossein Rezai-Jorabi
Global Design Director, Buildings
Ramboll

Cirkelbroen is 40 metres long with a clearance height of 2.25 metres when closed, allowing Canal tour boats and other low vessels to pass under the closed bridge. When it opens, there are no height limitations. An estimated 5,000 cyclists and pedestrians use the bridge every day.



Design excellence

is built around
four design streams



Thought leadership

The goal is to become an active and vocal player in the design arena; to contribute to key discussions related to sustainability in the built environment and to reinforce our position as a premium design and engineering consultant towards clients, current and future employees.



Design reviews

This is a process for sharing design experience across Ramboll ensuring high quality and consistency across our markets. The aim is to bring out “the best of Ramboll in every Ramboll project”.



Design audit

The audit is a detailed and numerical check on the design. Included in the process is the checking of detailed calculations, assumptions, modelling techniques. The main purpose of a design audit is to ensure safety, code compliance and correct transfer of design information onto drawings and design models.



Must win projects

Identifying and supporting project opportunities that should be prioritised for strategic or financial reasons.

“When judged by the work we produce across the globe, it should be clear that we are one company, one brand.”

Lars Ostenfeld Rieman
Executive Director, Buildings
Ramboll



“Design ought to be everyone’s pre-occupation, whatever our position in the company. Our goal is to make design one of the key pillars of Ramboll, something that permeates from the Group Executive Board throughout the company.”

Says Soren Brondum, Managing Director of Buildings.

It is intended that the design excellence initiative is to be mirrored in other Ramboll markets. Currently it is being adopted in the Architecture, Landscape and Urbanism market where Louis Becker from Henning Larsen Architects has taken on the role as Global Design Principal. ■

Founding members of the Global Design Board are:

Martin Feakes,
Ollie Wildman,
Patrick Mahieu,
Tapio Aho,
Joona Tuikka,
Frank Schwartz,
Birgitte Jarberg,
Guillermo Duran Moro,
Anthony McCarter,
Andy Brahney,
Robert Bamford,
Giovanni Vigano,
Pek Har Ng,
Rikke Bjerregaard Orry,
Shonn Mills,
Henrik Branden,
Richard Lundmark,
Susanne Noureddine,
Adam Selvey,
Louis Becker,
Lars Ostenfeld Riemann
Hossein Rezai.

2 Finsbury Avenue (2FA) at Broadgate is located at the largest pedestrianised neighbourhood in Central London. The project consists of a 12-storey podium with a 35 storey East Tower and 20 storey West Tower. In line with the client’s sustainability strategy, the building will target Net Zero Carbon in construction and operation as well as a BREEAM ‘Outstanding’ certification.

Visual by 3XN Architects

CREATING VALUE



We enable society's transition to a future that flourishes

Ramboll is a global engineering, architecture and consultancy company founded in Denmark in 1945. Across the world, our 16,500 experts create sustainable solutions.

We combine local experience with a global knowledge base to create sustainable cities and societies, driving positive change for our clients, stakeholders and society. We enable our stakeholders to realise their goals and navigate the transition to a more sustainable future.

We call it:
Bright ideas. Sustainable change.

Kampung Admiralty (Kampung meaning "Village" in Malay) is the first development in Singapore to fully integrate housing for the elderly and hence Singapore's flagship "vertical village" which has transformed a compact 2.2 acres site into a dynamic community heart.



Volvo Experience Centre, Sweden



Hospital Nova of Central Finland
Photo Credits: ©2020 Kuvatoimisto Kuvio Oy



Expansion of Helsinki Airport Terminal 2,
Finland
Photo Credits: Tuomas Uusheimo



Mediatrix HQ, Singapore
Credits: Maki and Associates + DP Architects



Isfjord Center, Greenland



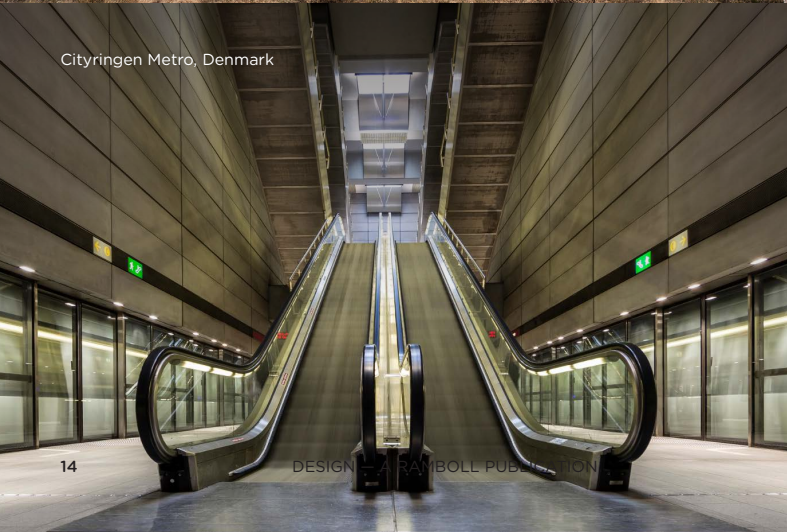
Keilaniemi Portti, Finland
Credits: Anis Souissi



Asia School of Business, Malaysia
Credits: Moore Ruble Yudell Architects & Planners +
GDP Architects
Photo Credits: Pembinaan Mitrajaya



Marmormolen, Denmark
Credits: ©Sora



Cityringen Metro, Denmark



Remiseparken, Denmark



Dhoby Ghaut Green, Singapore
Credits: SCDA Architects
Photo Credits: Aaron Pocock Photography



CopenHill Power Plant Ski Slope, Denmark



DESIGN is a periodical publication by the Design Excellence Board (DEB) within the Buildings Market in Ramboll.

The publication promotes and articulates latest ideas on matters relating to design, technology, environment and ethos within the design industry and the built environment, at large. It aims to address key issues facing contemporary design professionals, including our evolving relationship with the natural environment; as well as pressing political and social agendas for the built environment.

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