

# MEINHARDT

Transforming Cities,  
Shaping The Future



Creating holistic and practical plans  
to support cities grow sustainably in  
a total environment.





# Transforming Cities, Shaping The Future





Meinhardt is one of the most respected engineering companies in the world and one of the largest independent engineering consultancies in Asia.

For over 60 years, our innovative, highly build-able and sustainable solutions have helped clients save time and money. A global company with more than 51 offices, we help solve the world's most pressing infrastructure and urban challenges, while maintaining the personal touch.

That is why more than half of our clients are repeat customers who have been with us for at least 10 years.



## OUR GLOBAL PRESENCE

51

Offices Worldwide

5,000

Professionals

- HEAD OFFICE
- REGIONAL OFFICES
- OFFICES
- QATAR OFFICE

### ASIA

- Bangkok
- Bengaluru
- Beijing
- Chennai
- Danang
- Gurgaon
- Hanoi
- Ho Chi Minh City
- Hong Kong
- Islamabad
- Jakarta
- Johor Bahru
- Karachi
- Kuala Lumpur
- Lahore
- Macau
- Manila
- Noida
- Phnom Penh
- Peshawar
- Shanghai
- Shenzhen
- Singapore
- Tianjin
- Yangon

### AUSTRALIA

- Adelaide
- Auckland
- Brisbane
- Gold Coast
- Melbourne
- Perth
- Sydney

### EUROPE

- Istanbul
- London
- Valletta
- Birmingham

### MIDDLE EAST & NORTH AFRICA

- Abu Dhabi
- Cairo
- Doha
- Dubai
- Kuwait City
- Manama
- Muscat
- Riyadh







# ENR

2020 Ranking, Independent  
Engineering Consulting  
Firm in Asia

## 50%

Returning Customers in the  
last 10 years

## 60+

Years Track Record

## 450+

Global Awards

### OUR NOTABLE AWARDS







## Shahzad Nasim

Group Executive Chairman



Meinhardt's sustained industry leadership over the decades is a result of our strong commitment to innovate and excel. In the years ahead, the same manifesto will empower us to scale greater heights.

Dr. Nasim is the Group's major shareholder and executive chairman. He oversees its strategic direction, business expansion, key clients and major projects.

He was the Group's CEO (2010 to 2013) and MD (International) (1997 to 2009) where he is credited for the company's rapid expansion into China, South & Southeast Asia, the Middle East and United Kingdom. Today, the company employs 5,000 staff across 51 offices globally and consults on projects worth over US\$25 billion annually. It is one of Asia's largest independent engineering consultancy firms.

As the MD of Singapore office since 1985, he established Meinhardt as Singapore's leading engineering consultancy with more than 3,500 projects to-date.

In 2010, Dr Nasim initiated a management buyout where he shifted the company's global headquarters from Melbourne to Singapore to ride on Asia's rapid growth. A professional engineer, Dr Nasim is well-respected in his

field and is often invited to speak at international conferences, and his views are sought after by the media. He has contributed many academic and professional papers and is actively involved in educational, professional and government boards in the construction industry.

Dr Nasim was conferred the Entrepreneur of the Year Award by Rotary-ASME Singapore in 2004 and the prestigious Ernst & Young Entrepreneur of the Year Award (Engineering) in 2012. The Professional Engineers Board also presented him the inaugural Distinguished Professional Engineer Award in 2014. In 2017, he received the Lifetime Achievement Award by the Association for Consulting Engineers (Singapore) and in 2015, he was conferred the National University of Singapore Distinguished Engineering Alumni Award.

Dr. Nasim obtained his doctorate from Honolulu University and his Masters (Civil Engineering) from the National University of Singapore.



Omar Shahzad is the Group Chief Executive Officer of the Meinhardt Group since 2013. As Group CEO, he oversees the performance of the global group of nearly 5,000 employees across 51 offices, with a particular focus on client management, business expansion and diversification, especially smart cities and digitalization.

Omar served as the Deputy CEO for the Meinhardt Group from 2010 to 2013. Under his leadership, the Group has grown significantly and achieved a number of milestones: Meinhardt's is ranked as the 45th largest international engineering firm in the world & the largest privately held engineering firm in Asia.

Meinhardt was the first engineering company in Singapore to be conferred the International Headquarters Award by the Economic Development Board of Singapore. The Group set up a new Water and Environmental division & Meinhardt's Water Training Centre in Singapore, the first of its kind to provide managerial & technical hands-on training to officials from water utilities companies, governments & municipalities worldwide.

The WTC was set up in conjunction with Public Utilities Board, NTU Business School and Enterprise Singapore. Omar continues to be closely involved with the Group's Middle East and more recently Africa business. Under his stewardship, the Middle East region has been the fastest growing business for Meinhardt. The Group now has 12 offices in the region & is working in 20+ countries. Omar is a member of the prestigious Young President's Organisation, a global leadership community of over 29,000 Chief Executives in over 130 countries founded in New York, USA.

He was an investment banker with an international bank where he was involved in several landmark equity capital and fixed income transactions as well as mergers and acquisitions. These include being an advisor for a US\$2 billion sovereign bond offering for the Republic of Indonesia; a US\$70 million acquisition of Advanced Interconnect Technologies by Unisem (M) Berhad; and a US\$415 million acquisition of a 20% stake in EON Capital Berhad by Primus Pacific Ltd.



**Omar Shahzad**  
Group CEO - Meinhardt Group



We have learnt through our 60 years, that an unwavering focus on clients, engineering and our engineers has given us a unique edge in the industry, putting Meinhardt in a global leading position.



# **COMPLETE SOLUTION**

Across the project  
delivery cycle



## PLAN



- Urban Planning
- Infrastructure Planning
- Business Planning
- Technical Advisory
- Smart Cities
- Resilience Security & Risk

## DESIGN



- Civil & Structural
- Mechanical, Electrical & Plumbing
- Building Information Modeling
- Digital Design

## SPECIALISE



- Façade
- Fire Performance
- Environmentally Sustainable
- Lighting
- Value Engineering

## MANAGE



- EPCM
- Construction & Project Management
- Asset Management
- Design Management
- Lead Consultancy





“

Successful urban planning is not just creating spaces to meet the physical needs of the people, it is planning for integrated communities that can thrive in an economically and socially vibrant environment.





## **BUILDINGS & PROPERTIES**

- Arts & Culture
- Educational
- Entertainment Complex
- Hospital & Healthcare
- Hotel & Leisure
- Mixed Use
- Offices
- Residential
- Retail
- Sports & Recreational Facilities
- Tall Buildings

## **TRANSPORTATION**

- Aviation
- Bridges, Roads & Highways
- Metros & Rails
- Ports

## **UTILITIES INFRASTRUCTURE**

- Energy Generation & Distribution
- Waste Management
- Water & Wastewater

## **INDUSTRIAL MANUFACTURING**

- Logistics & Distribution Centres
- Food Manufacturing
- Industrial
- Oil & Gas
- Pharmaceutical
- Wafer Fabrication & Clean Rooms

## **IT, RESEARCH & COMMUNICATIONS**

- Data Centres
- Life Sciences & Biotech
- Telecommunications



## OUR MAJOR CLIENTS





Johnson & Johnson

Jetstar



ARTIC

RAIL  
الريل  
Accomplishing a Vision

UDC  
المتحدة للتنمية  
UNITED DEVELOPMENT CO.

SIEMENS

Keppel Land

Land Transport Authority

ALSAWARI  
الساواري

Hyflux

Nestlé

intel

PEPSICO  
PEPSI FritoLay Tropicana QUAKER

P&G

BAYER

Shell

GuocoLand

lendlease

AyalaLand



Redco International

LIPPO GROUP

YOMA  
STRATEGIC HOLDINGS LTD.



# Vendome Mall

Doha, Qatar

**Client:**

United Developers Company (UDC)

**Services Provided:**

MEP Engineering, Construction Supervision,  
Architect of Record (AOR), Engineer of  
Record (EOR)





# Oryx Hotel Rebranding

Doha, Qatar

**Client:**  
Qatar Airways

**Services Provided:**  
MEP Engineering, MEP Construction  
Supervision and AOR/EOR Services





# Ras Abu Aboud Stadium

Doha, Qatar

**Client:**

Supreme Committee for Delivery and  
Legacy/HBK Contracting Co WLL

**Services Provided:**

Event Planning, Peer Review, Landscape  
Design, MEP & Infrastructure Design  
Services







# Al Rayyan Stadium

Doha, Qatar

## Client:

Al Balagh & Larsen & Toubro JV

## Services Provided:

Construction Documentation, Engineering  
Support & BIM Services.



# Seef Lusail

Lusail, Qatar

**Client:**

Masraf Al Rayan and Qatari Diar/DP  
Architects

**Services Provided:**

Infrastructure Engineering





# Military Medical City Hospital @ Tarek Bin Zeyad Camp in Sailiyah

Doha, Qatar

**Client:**

Ministry of Defense/HBK Contracting Co.  
WLL

**Services Provided:**

Lead Design Consultancy Including Medical  
Planning, Medical Equipment Planning and  
Healthcare Architecture





# Arwa Tower

Doha, Qatar

**Client:**

Al Rayyan Tourism & Investment Company

**Services Provided:**

Design Review, Redesign Architectural,  
Interior MEP Services, Construction  
Supervision, Architect of Record (AOR),  
Engineer of Record (EOR)





# Viva Bahriya

Doha, Qatar

**Services Provided:**

Construction Documentation, Engineering  
Support & BIM Services.











# TOD @ Al-Rayyan Al-Qadeem & Hamad Hospital Metro Stations

Doha, Qatar

**Client:**

Qatar Rail/Haeahn Architecture/Astad PMC

**Services Provided:**

MEP, Civil & Structural, Infrastructure designs; Traffic Study; Environment Impact Study; Cost Estimation



# Transforming Aviation

Helping countries around the world optimise their airports with innovative planning and engineering solutions.





Leading aviation industry experts from IATA and ACI have identified exponential increases in passenger numbers as the airport industry's single biggest challenge.

IATA has predicted passenger traffic increases of up to 100% over current levels by 2035 which could result in an extra 3.7 billion passengers who will be using airports around the world.

Airports must find a way to meet growing demand with infrastructure that can accommodate the growth.

At Meinhardt, we don't just design airports, we future-proof them and always we have the passenger experience in mind. With over 50 years' experience designing and engineering more than 100 (to be updated) major airports around the world, our in-house specialist teams stand ready to improve the efficiency of your existing airports or design new airports that can be scalable over time to meet growing demand.

Discover why Meinhardt is the world's premier aviation engineering consultant and planner.



Many of these issues can be attributed to airport inefficiencies. The challenge to both large and small airport operators is how to upgrade systems, facilities and efficiency while coping with increasing pressure on costs and profitability from expanding throughout.

50+

Years of Aviation Experience

100+

Projects Across the World



## MUSCAT INTERNATIONAL AIRPORT

- Oman
- MEP & Lighting



## HONG KONG INTERNATIONAL AIRPORT EAST HALL

- Hong Kong
- MEP & Lighting



## HYDERABAD INTERNATIONAL AIRPORT, EXPANSION

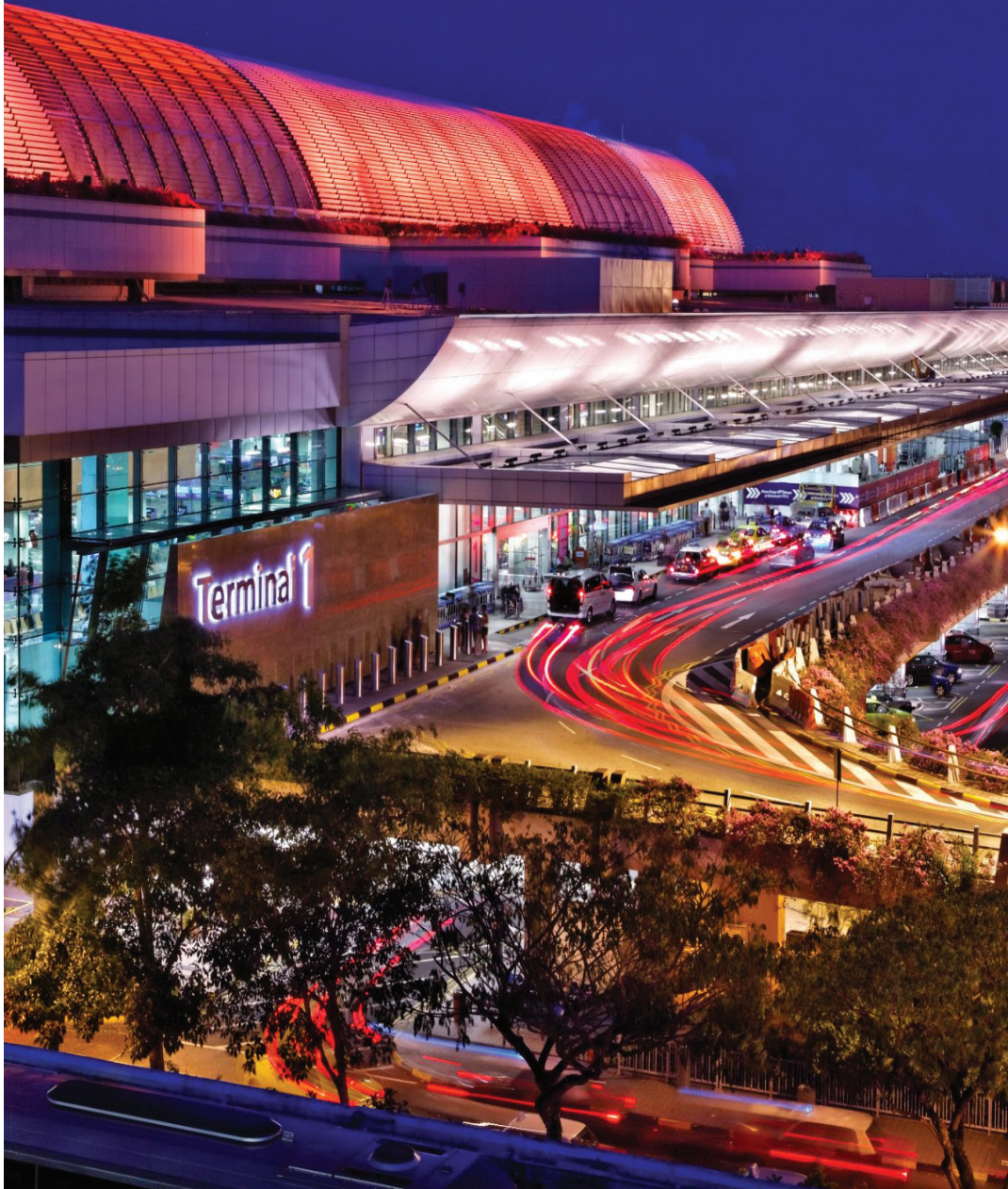
- India
- Lead Consultancy





## CHANGI INTERNATIONAL AIRPORT – TERMINAL 1

- Singapore
- Civil & Structural, MEP, Façade



### SERVICES

- Aviation Master Planning
- Design Services Including all Disciplines
- Feasibility & Business Planning
- Project Management & Construction Management

### PROJECT TYPES

- Aircraft Maintenance Hangers
- Airfield (Runway, Taxiway & Aprons)
- Air-side & Landside Infrastructure
- Cargo Terminals
- Catering Facilities
- Hangars
- Passenger Terminal
- Special Airport System
- Training Centres



INDUSTRIAL

# Transforming Industry 4.0

Meinhardt's proven engineering and project management expertise helps clients go to market faster.





Industry 4.0. AI. Robotics. The 4th industrial revolution, supply chains, data centres, sustainable manufacturing - These buzz words are shaping the ever-evolving industrial sector. In the quest to provide goods and services to consumers, industrialists often face the competing demands of low cost, efficient manufacturing processes and supply chains while ensuring health and safety standards.

To stay ahead of the game, you will need a reliable engineering and project / construction management partner to help you improve time to market in the most cost efficient and safe manner.

With Meinhardt's deep experience in the industrial sector and stellar blue-chip client base, you can count on us to help you meet your industrial objectives.

“

Meinhardt was able to achieve one million safe man hours for our Nestle Philippines Lipa factory and was conferred the 'Valuable Safety Management Contribution' award. Congratulations!

30+

Years of Industrial Experience

50+

Projects Across the World



## TANJONG AGAS OIL & GAS INDUSTRIAL PARK

- Malaysia
- Civil & Structural, MEP



## JTC LOGISTICS HUB

- Singapore
- C&S, MEP, Façade, ESD



## MINERE NESTLE WATER FACTORY

- Thailand
- Civil & Structural, MEP, Project Management, Construction Management





## TELIN-3 DATA CENTRE

- Singapore
- Lead Consultancy



## SERVICES

- Automotive
- Food & Beverage
- Manufacturing & Logistics
- Mining & Metals
- Mission Critical
- Oil & Gas
- Pharmaceuticals

## PROJECT TYPES

- Biomedical Research Facilities
- Data Centres
- Distribution Centres
- Logistics Centres / Hubs
- Lubricant Oil Blending Plants
- Manufacturing Plants
- Petrol Stations
- Petrochemical Plants
- Petroleum Distribution Networks
- Production Facilities
- Warehouses

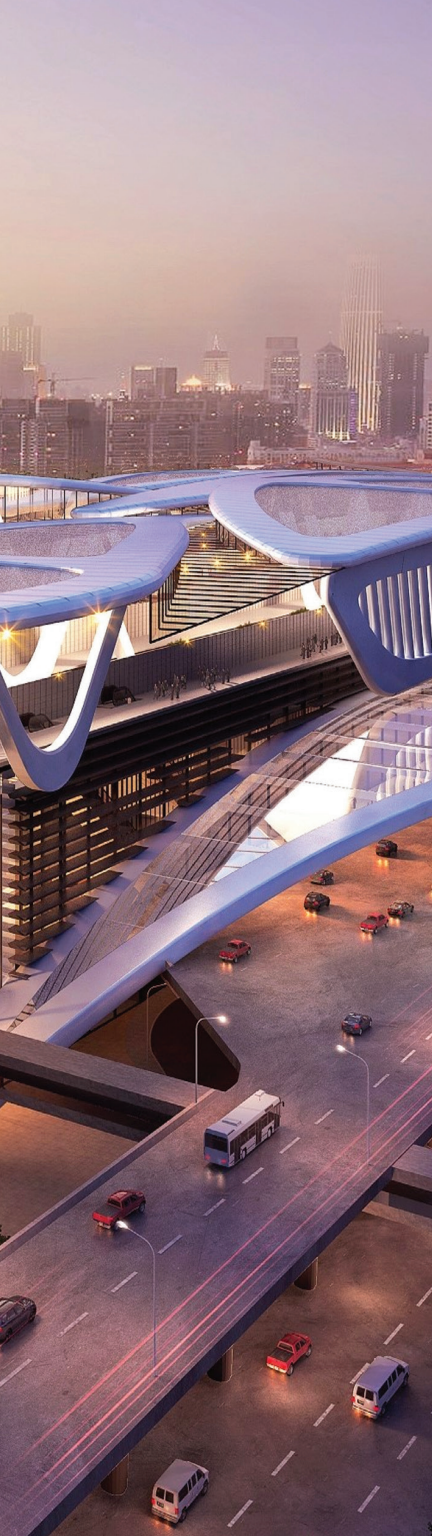


METROS & RAILS

# Shaping Mass Transit

Let Meinhardt's engineers and planners help  
you move ahead in urban mobility solutions.





By 2030, 60 percent of the world's population will live in cities, up from about 50 percent today. The number of megacities (more than ten million people) is expected to rise to 41 in 2030 from 31 today.

As cities continue to grow with rapid urban migration, urban mobility is emerging as one of the greatest challenges facing city planners. Congestion is costing cities as much as 2 to 4 percent of their GDP – taking into consideration lost time, wasted fuel, and increased cost of doing business. With more than 128 (to be updated) mass transit projects in over xx countries under our belt, Meinhardt knows what it takes to keep cities moving.

Meinhardt has provided various engineering services for multiple MRT projects across three major lines - Downtown, Circle, Thomson & Tuas West Extension. This includes Lead Consultancy, Qualified Person (QP), Accredited Checker, Earth Retaining or Stabilising Structures (ERSS) Design, Traffic Diversion services and etc.



Smart, Intelligent Rail: the future is here. We are at the forefront of transformative rail around the world, helping shape tomorrow's sustainable travel.

140+

Metro Stations

130+

Mass Transit Projects

10+

Multi-modal Transport  
Hubs & High Speed Rails



## QATAR RAIL GREEN LINE EXTENSION

- Doha, Qatar
- BIM, MEP



## KUALA LUMPUR SENTRAL STATION

- Malaysia
- C&S, MEP




## WEST KOWLOON TERMINUS

- Hong Kong
- M&E







## **DOWNTOWN LINE - MRT**

- Malaysia
- C&S, MEP

## **SERVICES**

- Alignment
- Civil Works
- Design & Supervision
- Independent Technical Review
- Planning
- Station engineering
- Tunnelling

## **PROJECT TYPES**

- High Speed Rail
- Light Rail Transit Systems
- Metros/Subways
- Railways
- Trams
- Under & Above Ground Stations





BRIDGES, ROADS & HIGHWAYS

# Collaborating to Develop Connections

To navigate the development and financing challenges for your land transportation projects, speak to our experts who bring with them a wealth of experience.





As the arteries of economic and social activity, bridges, roads and highways play a critical function in enabling economic growth and social development.

Cross border mega initiatives like the Belt & Road Initiative are also increasing cross border connections, linking economies and promoting tourism which in turn fuels infrastructure growth.

Increasingly, cross border bridge, highway and road networks are being integrated into the larger global transportation networks comprising seaports, airports, high speed rails and railways.

While demand for transportation infrastructure has increased, financing them has its fair share of challenges, with financiers looking for bankable projects.

To navigate the development and financing challenges for your bridges, highways and road projects, speak to our experts who bring with them a wealth of experience.

“

Increasingly, cross border bridge, highway and road networks are being integrated into the larger global transportation network.

200+

Bridges built globally, Exceeding 61km in length

7,300+

Kilometer of Highway & Roads across the world



## ORCHARD GATEWAY

- Singapore
- Civil & Structural



## YAMUNA EXPRESSWAY

- Noida, India
- Detailed Project Report (DPR) & Master Plan for 3 Lanes



## PHU MY BRIDGE

- Ho Chi Minh, Vietnam
- Project Management & Construction Supervision







## KALLANG PAYA LEBAR EXPRESSWAY

- Singapore
- QP Supervision and Independent checker

## SERVICES

### Engineering

- Civil & Structural
- Geo-technical
- Mechanical, Electrical, Plumbing
- Tunnelling & Underground
- Value Engineering

### Financial

- Capital Raising
- Consortium Building
- Financial Advisory
- Value Engineering
- Transaction Structuring

### Management

- Project Management
- Contracts & Cost Management
- Design Management
- HSSE Management
- Quantity Surveying

## PROJECT TYPES

- Bridges
- Highways
- Roads
- Undersea Expressways



# Standing Tall, Standing Proud

Many of the top 3 tallest buildings in major cities such as Dubai, Malaysia, Singapore and Africa were engineered by Meinhardt.







Skyscrapers always leave their mark, standing out as the most prominent buildings that define a city's skyline. Behind the external beauty of these concrete giants lie many engineering and construction challenges. Sophisticated designs and smart engineering ideas for complex, modern buildings and construction at dizzying heights, requires years of hands on experience and engineers who constantly challenge the status quo-engineering the impossible.

Our experts mitigate the aerodynamic effects of wind, control accelerations and drifts to ensure the stability of these super tall buildings at optimum cost. We use performance based seismic design for earthquake zones. Our tailored holistic MEP solutions ensure efficient energy consumption and promote sustainability. Our façade and lighting designs bring these buildings to life. Our designs ensure rapid construction at optimum cost and simplify construction process.

At Meinhardt, we have provided engineering and façade services for many of the world's tallest iconic buildings, frequently by providing highly value-engineered alternative designs to the contractors.



As the most visible icons defining the skylines of modern cities, office buildings symbolise the economic vitality of a nation.

644

Meter Tall Building

118

Storey Tower

72.15

Acre gross floor area



## PINNACLE TOWER

- Kenya
- Civil & Structural, MEP, Facade



## GUOCO TOWER

- Singapore
- MEP



## THE DUBAI MALL & THE ADDRESS HOTEL

- Dubai, UAE
- Lead Consultancy, Civil & Structural, MEP, Facade, Lighting Construction Supervision







## **TORNADO TOWER**

- Doha, Qatar
- Civil & Structural

## **SERVICES**

- Accredited Checking
- Architecture
- Civil & Structural
- Façade
- Design Review
- Environmentally Sustainable Designs
- Integrated Engineering
- Lead Consultancy
- Lighting
- Mechanical, Electrical, Plumbing
- Project Management & Construction Management
- Sustainability & ESD Designs
- Technical Advisory
- Technical Review



**630<sub>m</sub>**

MERDEKA PNB118  
MALAYSIA

**430<sub>m</sub>**

OCEAN TOWERS  
INDIA

**412<sub>m</sub>**

AL HAMRA TOWER  
KUWAIT

**358<sub>m</sub>**

AL HAMRA TOWER  
DUBAI

**342<sub>m</sub>**

FOUR SEASONS  
PLACE  
MALAYSIA

**340<sub>m</sub>**

IFC TOWER  
CHINA

**333<sub>m</sub>**

THAMRIN NINE  
INDONESIA

**320<sub>m</sub>**

THE PINNACLE  
TOWER  
KENYA

**310<sub>m</sub>**

OCEAN  
HEIGHTS  
DUBAI







BIM

# Building Information Modeling

Meinhardt provides BIM solutions integrated with engineering consulting for clients.





BIM is an intelligent 3D model-based process of creating and managing 3D building data during development. It helps to streamline fragmented processes; promotes seamless project information exchange, integration & management; resulting in enhanced productivity and quality.

100,000+

Projects Completed Till Date

Consultation for Projects Worth

US\$25B

Annually

3D DESIGN	4D TIME	5D COST	6D ENERGY	7D MANAGEMENT
3D digital modeling	3D digital modeling with built in time/schedule management function	3D digital modelling with built in cost management & procurement function	3D digital modelling with built in sustainability & energy analysis modeling	3D digital modeling with built in facilities management function with a focus on predictive rather than reactive asset management



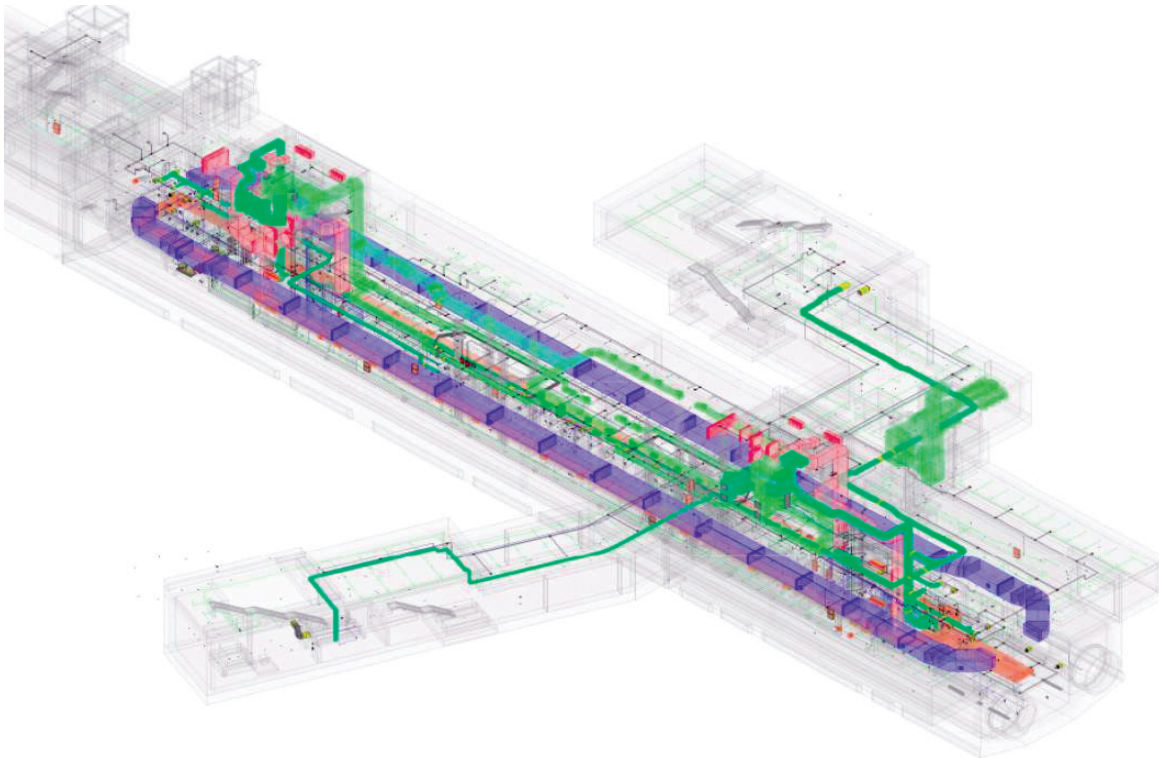
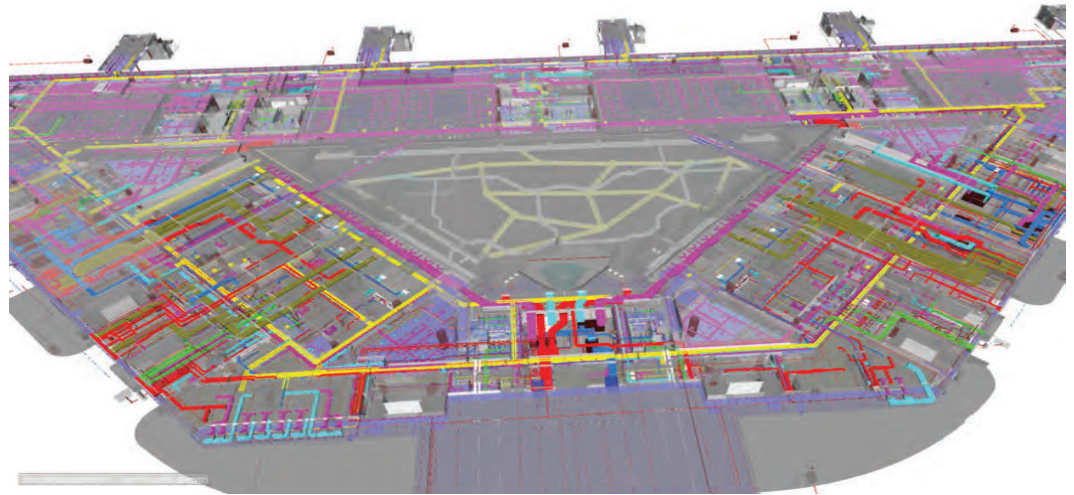
## HAMAD INTERNATIONAL AIRPORT EXPANSION

Doha, Qatar

### BIM SCOPE 1

BIM Scope: LOD 300 Detailed Design/IFT  
BIM Modeling for STR & MEP services.

- Fully coordinated BIM models for MEP
- Fully coordinated BIM models for STR
- Detail design drawings generated from Fully coordinated models.
- Clash detection reports
- Preparation of IFT drawings



## QATAR METRO - GREEN LINE

Doha, Qatar

### BIM SCOPE 1

LOD 350/400 Construction Stage 3D  
BIM Modeling and 2D Shop Drawings  
production for MEP Services of Six  
Metro Stations on Green line.

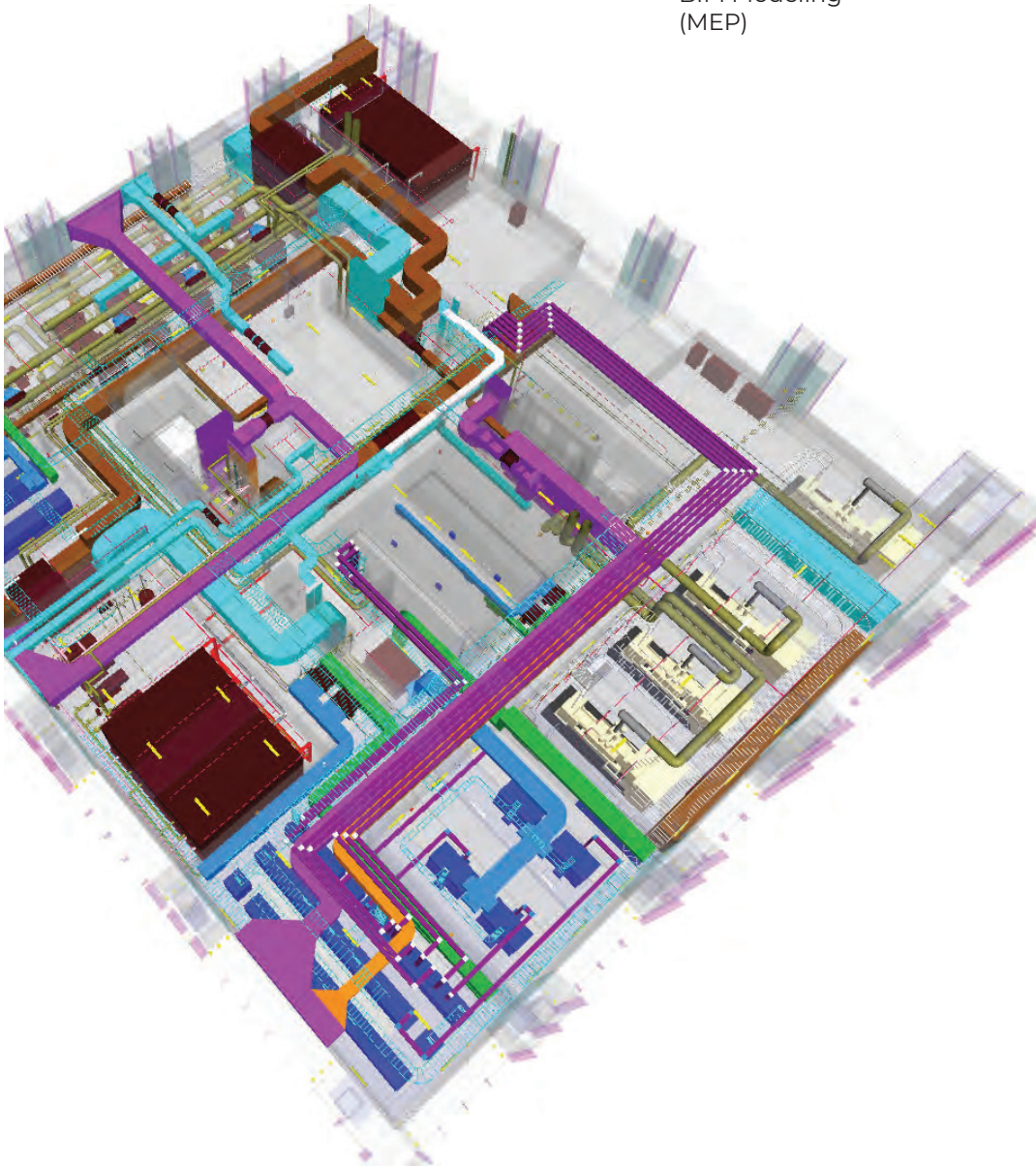
### BIM SCOPE 2

LOD 500 As-Built 3D BIM Modeling  
and 2D As-Built Drawings for ARCH  
(BOH), ARCH (FOH) and MEP  
Services of Six Stations on Green line



## **GUOCO MIDTOWN**

- LOD 300  
BIM Modeling  
(MEP)



## **BIM MODELING SERVICES**

- BIM Architectural Services
- BIM Structure Services
- BIM Structure Detailing Services
- MEP BIM Services
- Mechanical BIM Services
- Electrical BIM Services
- Plumbing BIM Services
- Interior Design Services
- Facade Modeling Services
- Rebar Modeling Services
- Landscape Modeling Services

## **BIM CONSULTING SERVICES**

- BIM Implementation Services
- BIM Documentation Services
- BIM Execution Plan
- BIM Integration

## **BIM AUTOMATION**

- BIM Automation
- Revit Automation
- Navisworks Automation
- BIM Virtual Reality (VR)



# Financing Solutions To Get You Started

Meinhardt provides financing solutions integrated with engineering consulting for clients.



**PROJECT  
LIFE CYCLE**

≡ **MGI CAPITAL**

**MEINHARDT**

**PRE-DEVELOPMENT  
STAGE  
(CONCEPT)**

- Financial Advisory
- Transaction Structuring
- Principal Investments
- Master planning / Design
- Value Engineering
- Project Delivery Strategy
- Technical Feasibility Studies / Due Diligence

**GO-TO-MARKET  
STAGE  
(CONSTRUCTION)**

- Consortium Building
- Capital Raising
- EPCM
- Project Management

**COMMERCIAL STAGE  
(OPERATIONAL &  
OPTIMIZATION)**

- Consortium Building
- Capital Raising
- Asset Management Consultancy
- Facilities Management – setup in process

Meinhardt, through our financing arm (MGI Capital), provides financing solutions integrated with engineering consulting for clients. Our design-build-finance solutions give clients access to capital, lower their capital outlay and mitigate construction risks. They are available for real estate and infrastructure projects.



## FINANCING SOLUTIONS TO GET YOU STARTED

Team has executed a diverse set of global deals at leading financial institutions.



## ≡ MGIC CAPITAL

### MGIC CAPITAL HAS EXPERIENCED SENIOR EX-INVESTMENT BANKERS HAVING:

- Each 18+ years in leading banks (Citi, Lehman Brothers, Stanchart, HSBC, SMBC)
- US\$4bn in M&A and principal investment completed deal value
- US\$8bn equity capital raised
- US\$23bn debt capital raised
- 60 deals completed
- Deals completed in > 15 countries





## **MALAYSIA LOGISTICS MARKET ENTRY ADVISORY**

- Malaysia
- Major Logistics Centers in Malaysia



## **FINANCIAL ADVISORY FOR HEALTHCARE DEVELOPMENT**

- Australia



## **TRANSACTION STRUCTURING & CONSORTIUM BUILDING FOR SHIMLA SMART INTEGRATED MOUNTAIN TOWNSHIP**

- India



# Where Execution is Precise

Meinhardt's Engineering, Procurement and Construction Management teams specialises in serving blue chip clients in deploying scalable and on-the-ground solutions executed on time and in style.





Meinhardt provide end-to-end engineering, procurement and construction management (EPCM) services for major clients such as Shell, Nestle and Continental Tyres across Southeast and South Asia.

Covering a wide range of sectors including oil and gas downstream and retail fuel, logistics and food and beverage, we ensure seamless integration from inception to completion - coordinating, supervising and managing the construction activities of many contractors. And we do it with speed, precision and safety – hallmarks of our renowned EPCM service.

With hundreds of dedicated staff from multi-disciplinary teams consisting of experienced architects, structural engineers, planners, project managers and other technical support managers.

Meinhardt is fully equipped to execute any type of project under challenging environments.



Meinhardt's technology led and end-to-end Construction and Project Management services help our clients optimise scope, time, cost on a regional scale with multi-disciplinary engineering talent.

2000+

Fuel stations site delivered.

500+

Engineering, procurement, and construction management personnel



## SERVICES

- Design Consultation (Master Plan, Architectural, C&S, MEP, HVAC, Process)
- Client's Engineering Consultant
- EPC Contractor's design Consultant
- Feasibility Study
- Bid Process Management
- Procurement Management
- Risk Assessment and Cost Control Consultancy
- Project Management Consultancy
- F2E Consultancy Services

800+  
AUSTRALIA

600+  
MALAYSIA

400+  
INDIA

200+  
INDONESIA





“


The team behind Shell's CapEx programme has demonstrated execution skills that should be admired and aspired to become common practice across our business.

—  
**Andrew Smith**

Vice President,  
Downstream Shell Retail







FAÇADE

# Designing Facades for the World's Icons

We combine design, engineering, fabrication and installation to address all aspects of façade design and construction to meet our clients' objectives.





Meinhardt has the world's largest façade engineering practise. We have been in this industry for more than 30 years and have a formidable track record of 1,500 iconic projects around the world covering over 25 million square metres of façade surfaces (equivalent to 3,300 football fields) and 50,000 floors (equivalent to 580 Eiffel Towers).

For over two decades, we have been providing a full range of FAÇADE services for all types of building envelopes using materials like curtain walls, glass structures, cold and hot bend glass facades, tensioned fabrics, photovoltaics.

We combine design, engineering, fabrication and installation to address all aspects of façade design and construction to meet our clients' objectives. Meinhardt has been commissioned by governments to review façade safety regulations and inspect buildings for compliance.



Meinhardt's façade engineers thrive in creating intriguing spatial dynamics to connect users to external spaces, marrying internal reality with external landscape that shapes your identity.

360°

Start-to-end Seamless delivery

1,500+

Over 1,500 façade projects completed, including some of the world's most iconic buildings and developments



### TNB – HQ COMPLEX

- Malaysia
- Facade Design & Engineering



### LATROBE INSTITUTE OF MOLECULAR SCIENCE

- Australia
- Facade Design



### SUARNABHUMI AIRPORT

- Bangkok, Thailand
- Glass Wall Design & Engineering
- Facade Design & Engineering







## PARKROYAL ON PICKERING

- Singapore
- Full facade design and QA/QC

## SERVICES

- Airport Design & Engineering
- Building Maintenance Unit Design
- Environmental Sustainable Design
- Facade Design & Engineering
- Facade Remedial and Forensic
- Glass Wall Design & Engineering
- Precast and Glass Reinforced Concrete
- Stone Cladding Design
- Tall Building Facade Engineering



LIGHTING

# Luminous Flux

With a dedicated team of heat and light engineers we define the future of visibility and comfort for you.







Through sound technical understanding and artistic sensibility, Meinhardt Light Studio helps customers use light to bring harmony and unity to urban and infrastructure projects.

We offer a suite of lighting design services from architectural and master planning to natural daylighting. Our specialists work with other disciplines to design inspiring lighting for interiors, facades and landscapes. These designs encompass bespoke energy-efficient lighting solutions that are environmentally friendly and offer the best value.

Offering dedicated attention through small specialised teams, we stand ready to journey with you throughout the design, create and implement process – turning good projects into masterpieces.



**The right lighting can  
turn a good project into a  
masterpiece.**

#### **SERVICES**

- Concept Lighting Design
- Schematic Lighting Design
- Detailed Lighting Design
- Lighting Studies
- Tender Submissions & Documentation
- Installation & On-Site Supervision



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