After an amazing career spanning 47 years the founder and Chairman of Meinhardt, Bill Meinhardt, has retired. 

Bill Meinhardt had a vision; to create a truly international multi-disciplinary engineering consultancy with offices throughout Australia and Asia. He retires satisfied that his vision has been realised.

Victoria Meinhardt has been appointed the new Chairman of Meinhardt. Victoria has been with the firm for eight years and has been a Director of Meinhardt for the past 6 years.

"I am very proud of what Bill achieved. He took business opportunities in Asia before it was fashionable to do so, and as a result created a formidable international company."

"I can say with conviction that Meinhardt is a strong force in the Australian and Asian markets, and that we will continue to build on that foundation."

As part of the changes taking place, Phil Treyvaud has been appointed Chief Executive Officer for the Meinhardt Group of Companies.

"Bill Meinhardt was not only an excellent engineer, he had an entrepreneurial spirit, a love of Asia and a passion for his business. The success that Meinhardt is today is based not just on these traits, but on an understanding that you need quality people to share the passion and drive necessary to realise your ambitions.

Our ambitions are clearly evident by the opening of our New York office, following the establishment of our London office. This clearly demonstrates our desire to be one of the world’s leading global providers. We know that to achieve that goal we need to create and pursue opportunities in existing and new markets. Most importantly we will continue to attract and retain the best available people in all our offices. We will use the resources of the Group to provide them with the technical, managerial and personal skills that will benefit our clients and ultimately ourselves.

We are in business due to our clients, and I look forward to continually strengthening our existing relationships, and to the challenge of creating new ones".

Changing of the Guard
In the first stage of the redevelopment of the Melbourne Showgrounds, a new epicure precinct, pavilion and food court were created for the 2002 Melbourne Show.

Melbourne Show Revitalised

This exciting new destination located on the eastern boundary of the main arena includes a new two-tier 2000m² demountable Epicure Enclosure providing premium undercover exhibition, entertainment and fine dining spaces. Outside the main entry is a large circular paved and turfed undercover food court with radial entries themed in Australian agriculture.

The development of the Epicure Enclosure was facilitated in partnership with Hoecker Structures of Germany which provided in kit form this complete manufactured building incorporating translucent thermo inflated roofs and gable with insulated wall panels. This type of structure is leading the way in environmental and economic outcomes and offers a sustainable alternative to conventional buildings, as evidenced by the following features:

- Recyclable and interchangeable components
- Energy efficient infrastructure
- Economical viable life cycle costs
- Flexible and adaptable building configurations

The overall precinct landscape concept was created by Caroline and Joby Blackman of Vivid Design and the project was delivered and managed by Alan Lewis of Lewis McNaughton Pty Ltd.

Meinhardt provided all engineering services including civil, infrastructure, building services and fit-out.

Client:
Royal Agricultural Society of Victoria Limited

Project Manager:
Lewis McNaughton Pty Ltd

Landscape Concept:
Vivid Design

A Beautiful New Promenade for Hong Kong

Meinhardt are undertaking mechanical and electrical engineering for ‘Tsim Sha Tsui Promenade Beautification’. The project is under the control of the Tourism Commission with implementation by the Architectural Services Department.

The beautification works are taking place along the seafrontage stretching from the Ocean Terminal, the Hong Kong Cultural Centre, the Hong Kong Museum of Art and the promenade along the Tsim Sha Tsui East Water Front up to the International Mail Centre.

The objectives of these improvement works is to accentuate their status as the Cultural Core of Hong Kong and as a landmark viewed across Victorian Harbour from the Hong Kong - side. The beautification work includes the construction of a tourist information centre, cafe restaurants, Sunday markets and other facilities to improve the outdoor landscape, including lighting and ‘Tide Dial’ to enhance and harmonize the lighting effect of the ‘Promenade Along with the Tide’ and the landscape areas and buildings facades. The M&E construction cost is estimated to be around HK$20 million.

The construction will commence in March 2003 and will be completed in December 2004.

The Bellagio Jakarta

Meinhardt is providing mechanical, electrical and plumbing Engineering Consultancy Services for this new mixed-use development located within Mega Kuningan Superblocks on a 1.85 Ha site in Jakarta’s CBD.

The development consists of a 36-storey exclusive residential tower and 4-storey podium office park and boutique shopping mall, with 3 levels of basement car parking and a total gross floor area of approximately 170,000 sqm.

Client:
PT Centra Lingga Perkasa
Architect:
PTI Architects

Royal Adelaide Show

Meinhardt PT Design are the structural engineers for the Jubilee hall project at the Royal Adelaide Show.

This project represented the ‘centenary’ project for the Showgrounds. Structural aspects of the project included fitting a 100m long acoustic retractable wall, 5m high inside the existing Jubilee Hall, extending the hall and six tubular steel feature towers 9m high supporting sails.

With an extremely tight deadline, the project began in September 2001 and was completed in February 2002, in time to be opened by Prince Phillip.

Client:
Royal Adelaide Show
Architect:
Campbell & Campbell
Builder:
Built Environs

St. Luke’s Medical Centre

Meinhardt is providing mechanical, electrical, plumbing, sanitary, fire protection engineering services for this 598 Bed Hospital and 400 unit Medical Arts Building. This world-class Medical Facility Complex will be constructed at the Fort Bonifacio Global City, Metro Manila.

Client:
St. Luke’s Medical Center
Architect:
Woods Bagot Pty Ltd./ R. Villarosa Architects
Project Manager:
SP Castro & Associates
Year of Completion: 2005
Meinhardt has been working in China for over 20 years. During the past decade we have established a strong presence in China by opening offices in Shanghai, Beijing and Shenzhen. The offices in Beijing, Shanghai and Shenzhen form the forefront of Meinhardt's multi-pronged approach to expanding into China. It is clear that the time leading up to the Beijing Olympic Games will be one of enormous activity, both Olympic and non-Olympic related projects will be undertaken. Whilst we believe we are well placed to be involved in such projects, our intentions in China go well beyond 2008. We will seek to grow our existing offices, to explore new opportunities to develop strong alliances with firms both within China, and also with those seeking to work in China. The foundations that we have laid and the understanding gained from being involved in projects in China for over 20 years positions Meinhardt as an ideal partner for firms seeking opportunities in China.

With over 20 years project experience in China and with established offices in Shanghai, Shenzhen and Beijing, Meinhardt reinforces its strong presence in the region.

**Beijing 2006 - China Operations**

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**Xin Tian Di, Shanghai**

Meinhardt (Singapore and Meinhardt (Shanghai) provided mechanical and electrical engineering services for the development of the Xinxiandi district within the development of Tai Ping Qiao (above). The Xinxiandi district signifies the exuberant and modern future of the city where new white-walled boutiques and dark, romantically lighted bars are housed in 1920's brick buildings. The development exhibits a man-made lake and a multitude of specialist restaurants, cafes, bars, retail, entertainment, cultural, recreational, commercial and residential facilities in restored "Shikumen" houses.

Xinxiandi is the first neighborhood to be completed in a 128-acre (27 square block) master rehabilitation plan and has not only successfully provided Shanghai with a beautiful new development and buildings, but also a new lifestyle.

**Client:** Shui On Properties Ltd  
**Architect/s:** Wood and Zapata Inc., Nikken Sekkei International Ltd.  
**Architectural Consultant:** Shanghai Tongji University Urban Planning, Design and Research Institute

**Hua Wei’s Biggest IT Bases in China**

One of China’s largest IT manufacturers and suppliers, Hua Wei Technology Limited, has been developing its bases around China. Meinhardt (Hong Kong) have been appointed as the consultants for Hua Wei’s biggest bases in Shenzhen and Hangzhou with a total GFA of 455,000 m2. The total construction cost for these bases is approximately US$ 450M.

**Client:** Hua Wei Technology Ltd  
**Architect:** Wong & Tung International Limited in HK

**Hua Wei Hangzhou Production Base, Hangzhou**

Consisting of a mega size one-level basement (approx. 440m x 250m) for car-park, plant rooms, storage etc., three 9-storey R&D blocks; one 4-storoy canteen block; one 21-storey Central Administration Complex Block; and a Conference & Exhibition Centre. All buildings are interconnected by elevated foot bridges.

**Client:** Hua Wei Technology Ltd  
**Architect:** Wong & Tung International Limited in HK

**Hua Wei Research and Development Centre, Shenzhen**

Site area = 150,000m2  
GFA = 300,000m2

The project comprises a two-storey Factory Building, a 21m high Automatic warehouse, a four-storey office building and a two-storey canteen block. Meinhardt provided Civil, Geotechnical and Structural engineering consultancy services for the development of Tai Ping Qiao (above). The project comprises a single storey production area, a 6-storey office block, a single storey annex block and a single basement carpark.

**Client:** Hua Wei Technology Ltd  
**Architect:** Wong & Tung International Limited in HK

**GIC Tower, Shanghai**

Meinhardt (Singapore), Meinhardt (NY) and Meinhardt (Shanghai) are providing integrated Civil, Structural, Mechanical and Electrical engineering services for this prestigious office tower working directly with the diversified international team of consultants and specialists.

**Client:** Government of Singapore Investment Corporation (GIC)  
**Architect:** KPF New York

**Year of Completion:** 2006

**Site area = 150,000m2**  
**GFA = 70,000m2**

The site abuts the site of the R&D Centre. Consisting of a one-level basement (approx. 160m x 150m) for car-park, plant rooms, storage etc. Above the basement are three 3-storey office and laboratory blocks and one 2-storey canteen block. The development is linked with the R&D center with elevated road and foot bridge.

**GE Medical Supplies Production Plant, Beijing**

Meinhardt is providing integrated engineering consultancy services for Sembcorp Engineers and Constructors Pte Ltd who are the Design & Build Contractor for this pharmaceutical production plant and technical centre at Beijing. The project comprises a single storey production area, a 6-storey office block, a single storey annex block and a single basement carpark.

**Client:** GE Hangwei Medical Systems Co., Ltd

**Architect:** Sustech Architectural Design Institute  
**C&S and M&E Consultant:** Meinhardt (Singapore) & Meinhardt (Shanghai)

**Year of Completion:** 2006

**Site area = 83,400m2**  
**GFA = 85,000m2**

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New Gateway to Melbourne City

Meinhardt is providing all structural engineering services for a proposed new development at the former Ansett site at 501 Swanston Street, Melbourne.

Meinhardt’s relationship with the Ansett Site started in 1977, as the original structural engineers for the 20 Storey office building. The building had a foundation system incorporating rock socketted caissons, which at the time of building was quite unique.

Urban Design Architects have designed the site to accommodate three high-rise towers and a retail pavilion, all of which will be set in a landscaped forecourt. Owned by PDG Corporation, this development has all the ingredients to become one of Australia’s landmark sites.

With the presentation to the Department of Infrastructure for a planning permit only weeks away, this project consists of a refurbishment of the existing 20 storey, octagonal building, which PDG hopes to increase by seven levels, also two new residential towers of approximately 500 apartments, retail space and an architecturally landscaped forecourt.

Once completed, this complex is expected to revitalise the northern end of Melbourne’s CBD by creating a domestic, retail and commercial development that will effectively link major educational, medical and business sectors of the city. In fact, it is anticipated that the triple towers complex will ultimately become internationally renowned as the gateway to Melbourne city.

Melbourne’s Next Icon Building

The 90-storey, $241 million project will be a shining beacon seen from many kilometres away and will dominate Melbourne’s skyline from its position by the Yarra River at South Bank.

The area of the facade totals nearly 40,000m2, and placed end-to-end, the aluminium extrusions that make up the panels would stretch 400 kilometres.

All buildings are designed to move during their life, even low-rise buildings. The Eureka Tower is no different and has been designed to sway and twist.

An added dimension is that the Eureka Tower undergoes a major change in building stiffness at the 56th floor, which is where the shoulder of the building ends. Subsequently, any leaning movements are not linear, coupled with the fact that each floor twists slightly differently to the one below.

The facade design takes into account minimum glass thickness and aluminium tonnages to meet Australian Standards, sufficiently designed brackets, anchorages and junctions to carry wind loads, deflection and movement considerations and continuity with the main structure. Part of the design brief was to make the outer envelope environmentally efficient, it meant choosing a glass that not only conformed to the strength and durability required, but also allowed the heat to be retained in winter, but reflected in summer.

Client: Eureka Tower Corp.
Architect: Fender Katsalidis Architects

Melinchard Facade Technology provided design and engineering consultancy for the glass and aluminium curtain wall of the 300 metre tall Eureka Tower - soon to be the world’s tallest residential building.

Meinhardt Thailand achieves accreditation to the new version of ISO9001:2000 Quality Management System for design, management and construction supervision services.

Our Bangkok office is the first in the Meinhardt Group to achieve accreditation to the new version of ISO9001:2000 Quality Management System for design, management and construction supervision services and is one of the only engineering design companies in Thailand to carry this qualification. The “2000” version of ISO9001 has much more stringent requirements and covers all facets of the office and site operations to far greater depth than the previous versions.

Meinhardt Thailand has been certified both by the UK governing ISO body UKAS and the corresponding Thai body NAC. Maintaining this high level of quality in design services involves all staff in focusing on providing what our Clients want and doing this to the highest international levels and this is monitored continuously with both internal (peer) audits and external audits carried out by the ISO certifying bodies. “Part of our QMS is measuring our performance in the eyes of our customers, which provides direct feedback to our frontline and back-office staff who have responded positively in taking ownership of how we rate. This aspect has had a huge beneficial effect on staff motivation and morale in general”, said Bangkok office MD John Pollard.

Careers Expo a Success

Meinhardt recently exhibited at the Employer of Choice Expo in Melbourne and Sydney.

The exhibition proved to be a great opportunity for Meinhardt to promote the engineering industry and the many different careers within it. Engineers, Draftspeople, Scientists, Human Resources and Design personnel attended the booth and spoke with university and high school students and graduates about career prospects at Meinhardt, and in the Engineering industry.

The feedback received from the Expo has been invaluable and we look forward to the new generation of talented Engineers, Architects, Scientists, Draftspeople and support personnel that no doubt will join Meinhardt in the years to come.

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Meinhardt Hong Kong’s MD Sets Sail Around the World

After 20 years with Meinhardt Hong Kong, Managing Director Laurie Smith has taken a well deserved leave of absence and is participating in the 2002 Clipper Round the World Yacht Race.

Laurie, a keen sailor, is part of the 14 strong crew aboard the “Hong Kong Clipper” and is involved in the first 3 legs of the 6 leg race that started and ends in Liverpool (UK), and that visits 5 continents out of 7 on the way. A fleet of eight identical 60 feet racing yachts left Liverpool on 27th October 2002 and will battle it out over 11 months and 35,000 miles of ocean.

Laurie left Hong Kong for the UK in early October 2002 and will end his leg of the race in Hong Kong in April 2003. During his absence Meinhardt (Hong Kong) will continue to be run by the existing board of Directors; Wong Wai-ho, Kwan King-Won, Lau Shu-hung, Reuben PK Chu and Chris Sparrow. W.H. Wong will be acting in the position of Managing Director. Laurie’s progress can be followed on www.clipper-ventures.com.

Introducing Meinhardt’s New Finance Director

Tom Roberto has recently joined Meinhardt as Group Financial Director. Tom’s international and domestic experience makes him a welcome addition to a key role within the group.

Beijing Office Relocation

Meinhardt’s Beijing office has relocated from Guanghau Road to new premises at;

Room 909,
Beijing Exchange Building,
118B Jinagguo Road,
Chaoyang, Beijing 100022

CEO Phil Treyvaud attended the opening ceremony of the new office whilst in Beijing.
Pictured from left to right are; Jin Jing Hua - Hydraulics Engineer, Phil Treyvaud CEO, Shaun Slow - General Manager and Tony Yu - Deputy General Manager

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