



Phaeno Science Center, Wolfsburg, Germany



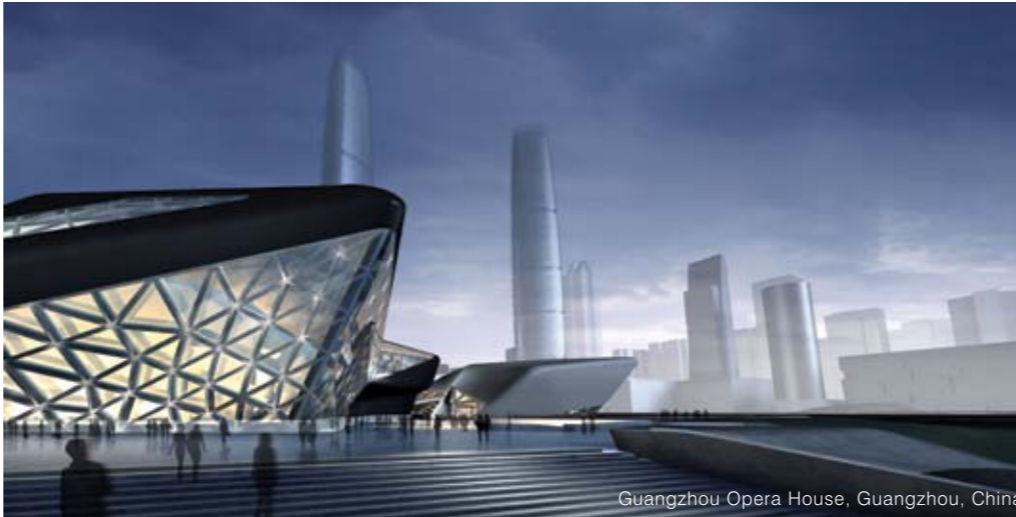
London Aquatics Centre, London, United Kingdom



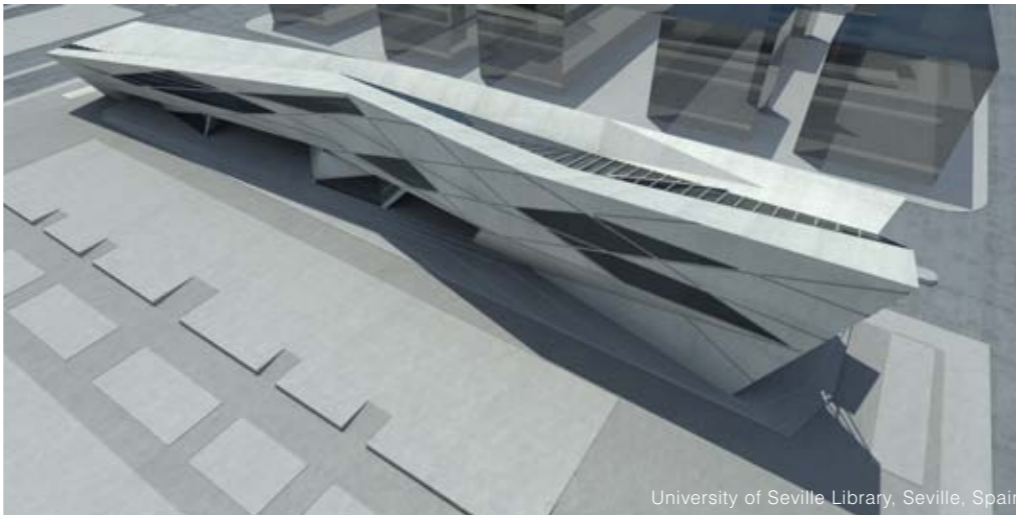
Rosenthal Center for Contemporary Art, Cincinnati, USA



Edifici Campus, Diagonal Mar, Barcelona, Spain



Guangzhou Opera House, Guangzhou, China



University of Seville Library, Seville, Spain

Zaha Hadid Architects (ZHA) is a multi award winning architectural practice with over 30 years experience. With over 3,000,000 square feet of built construction and a further 17,000,000 square feet in design or construction planning, Zaha Hadid Architects has 280 staff working in offices in London, Hamburg, Rome, Guangzhou and Beijing.

The practice's dynamic and innovative projects build on research in the interrelated fields of urbanism, architecture and design. Zaha Hadid Architects is widely regarded as an innovative architecture practice that constantly tests the boundaries of what is possible. New technologies and cutting edge production techniques are employed wherever possible and play an integral role in maintaining the offices position at the forefront of design.

Working with senior office partner Patrik Schumacher, Zaha Hadid's interest is in the rigorous interface between architecture, landscape, and geology as the Practice integrates natural topography and human-made systems that lead to experimentation with cutting-edge technologies. Such a process often results in unexpected and dynamic architectural forms moulded by the realities of site and building requirements.

Currently ZHA is working on a multitude of projects including: High-Speed Train Stations in Naples and Durango, the Guangzhou Opera House in China, the Aquatic Centre for the London 2012 Olympic Games; the Signature Towers in Dubai, the CMA CGM Head Office tower in Marseille, as well as major master-planning projects in Bilbao, Istanbul, and the Middle East.

HBO+EMTB is an established design house experienced in the delivery of tertiary environments both in Melbourne and across Australia. Key elements of our contemporary design approach, including the application of sustainable design principles and emphasis on humanistic solutions, are evident in commissions from across the past century.

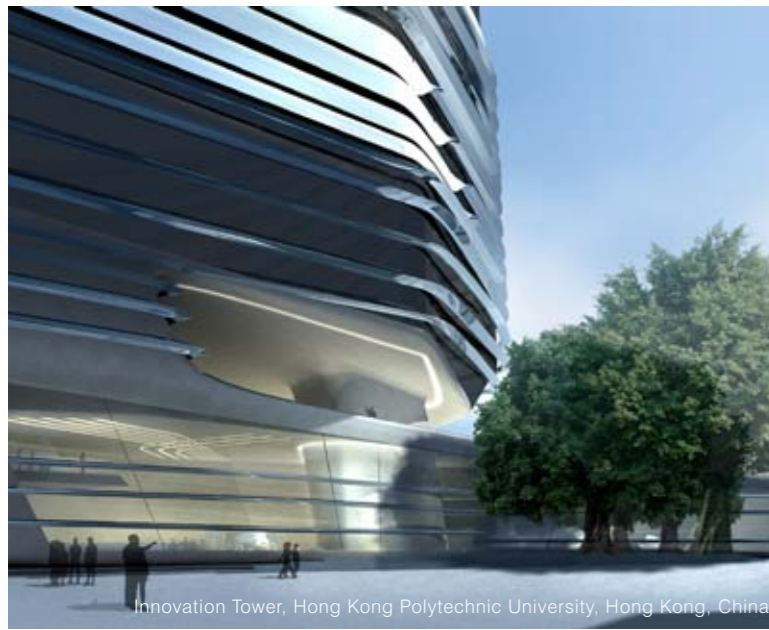
We create varied spaces for knowledge transfer, interaction and experimentation. Monash University, RMIT, La Trobe University, Australian National University, Australian Catholic University, University of NSW, Sydney University, Macquarie University, and Bond University have commissioned our services, which cover all facets of built environment design.

Our portfolio demonstrates capacity to deliver facilities that meet the requirements of design literate, well-informed & demanding stakeholders and end users. With specific expertise in facilities planning, our approach involves extensive consultation to account for the complex functional and social factors inherent in educational institutions.

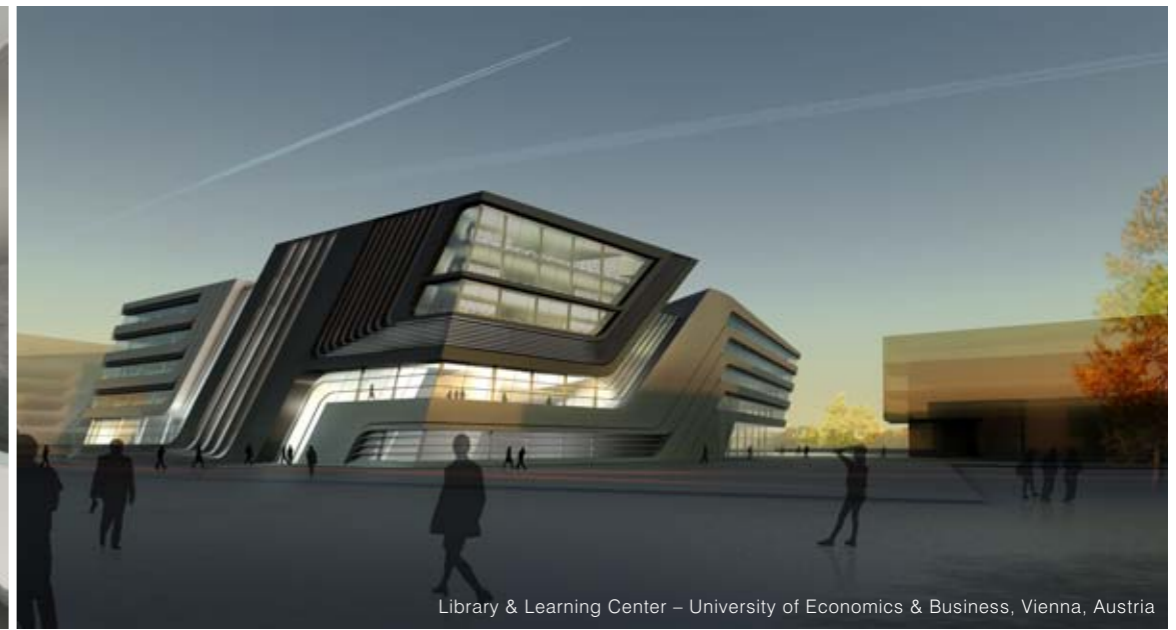
The Innovations Building (Australian National University Canberra) reflects our ability to integrate spaces for research, theory, teaching & practice. This environmentally responsible building facilitated an active and collegial research environment, with the necessary support facilities. The design displays the processes & outputs of its occupants, and makes a feature of its adjustable environmental features.



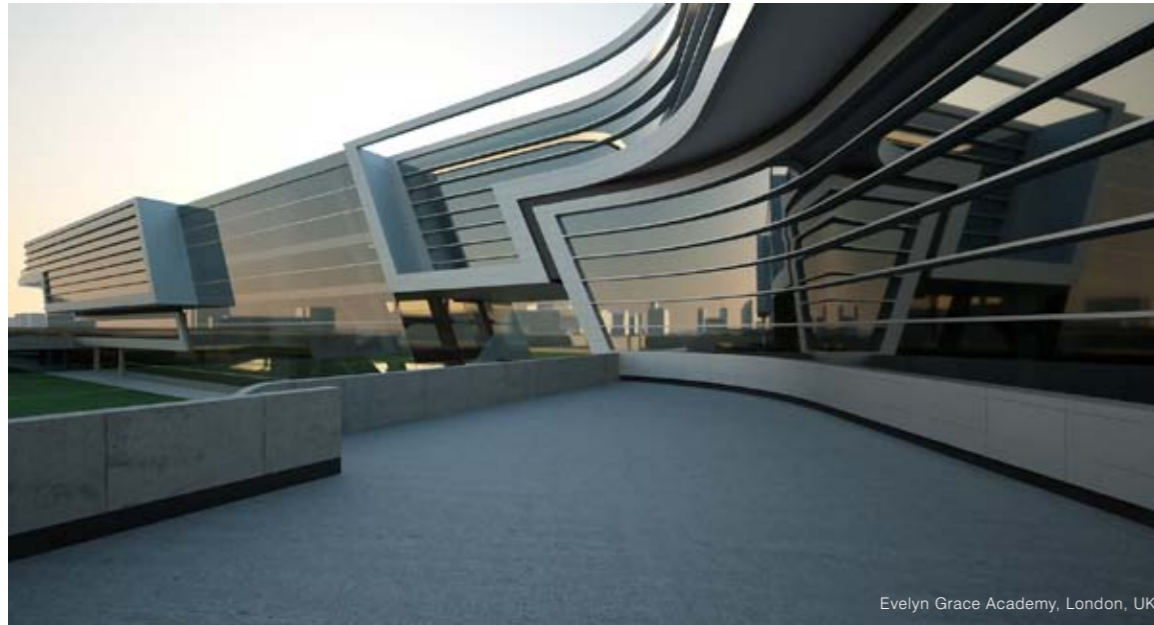
Innovation Tower, Hong Kong Polytechnic University, Hong Kong, China



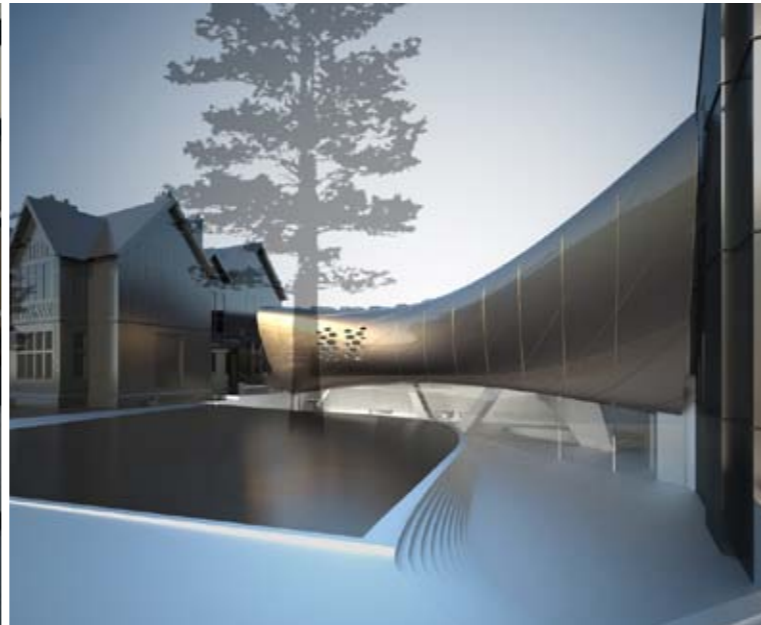
Innovation Tower, Hong Kong Polytechnic University, Hong Kong, China



Library & Learning Center – University of Economics & Business, Vienna, Austria



Evelyn Grace Academy, London, UK



Middle East Centre St. Antony's College, Oxford, United Kingdom



Edifici Campus, Diagonal Mar, Barcelona, Spain



The approach of Zaha Hadid Architects is recognised for the integration of practice, teaching and research. Collectively, extensive teaching experience informs a thorough understanding of the importance of advanced studio & seminar based learning, the complex requirements of the academic environment. This experience includes:

Zaha Hadid has held the Kenzo Tange Chair at the Graduate School of Design, Harvard University; the Sullivan Chair at the University of Illinois, School of Architecture, Chicago; guest professorships at the Hochschule für Bildende Künste in Hamburg; the Knolton School of Architecture, Ohio and the Masters Studio at Columbia University, New York. In addition, she was made Honorary Member of the American Academy of Arts and Letters, Fellow of the American Institute of Architecture and Commander of the British Empire, 2002. She is currently Professor at the University of Applied Arts in Vienna, Austria and was the Eero Saarinen Visiting Professor of Architectural Design at Yale University, New Haven, Connecticut.

Patrik Schumacher has been teaching at various architectural schools in Britain, Continental Europe and the USA since 1992. He has co-taught a series of post-graduate option studios with Zaha Hadid at the University of Illinois at Chicago, Columbia University, at the Graduate School of Design at Harvard University, and at Yale University. In 1996 he started the "Design Research Laboratory" with Brett Steele, at the Architectural Association School of Architecture in London, and continues to serve as one of its co-director. Since 2004 Patrik Schumacher is also Professor at the Institute for Experimental Architecture, Innsbruck University. His extensive contribution to the discourse of contemporary architecture is also evident in his writings.

Library & Learning Center – University Of Economics & Business Vienna, Vienna Austria 2008-2012

Program.

The LLC comprises a “Learning Center” with workplaces, lounges and cloakrooms, library, a language laboratory, training classrooms, administration offices, study services and central supporting services, copy shop, book shop, data center, cafeteria, event area, clubroom and auditorium.

Client.

University of Economics Vienna

Consultants.

Structural Engineers: Arup Berlin

M&E Engineers: Arup Berlin

Façade Engineers: Arup Berlin

Cost Consultant: ATP Wien

Fire protection: HHP West, Bielefeld

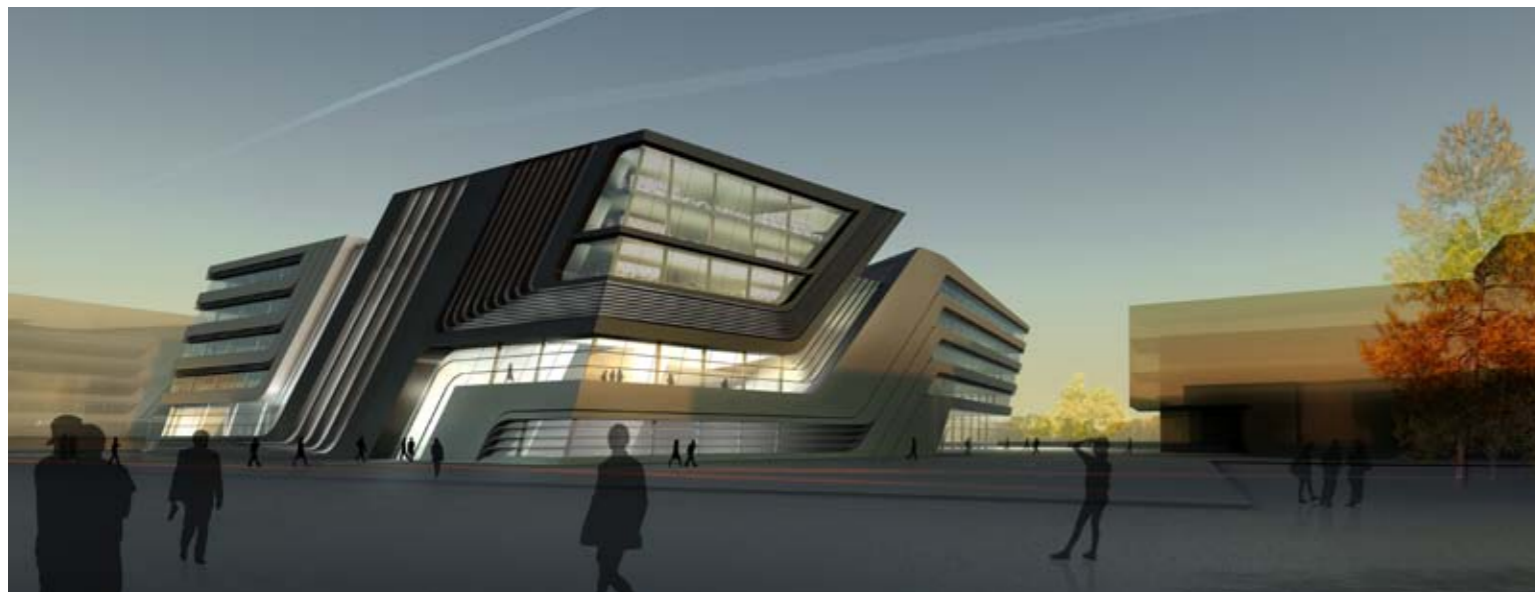
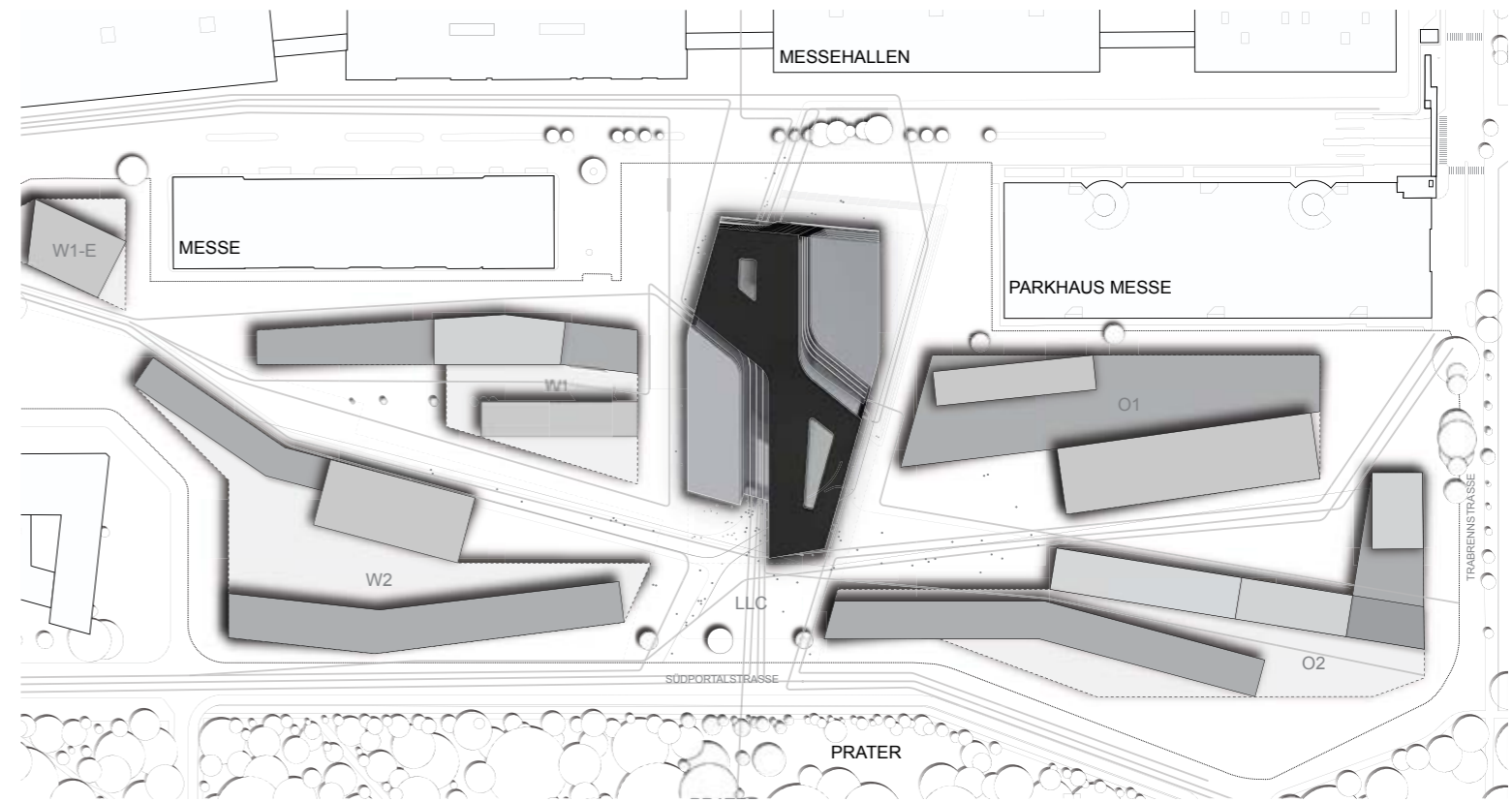
Render Studio: Vectorvision, Leipzig

Size.

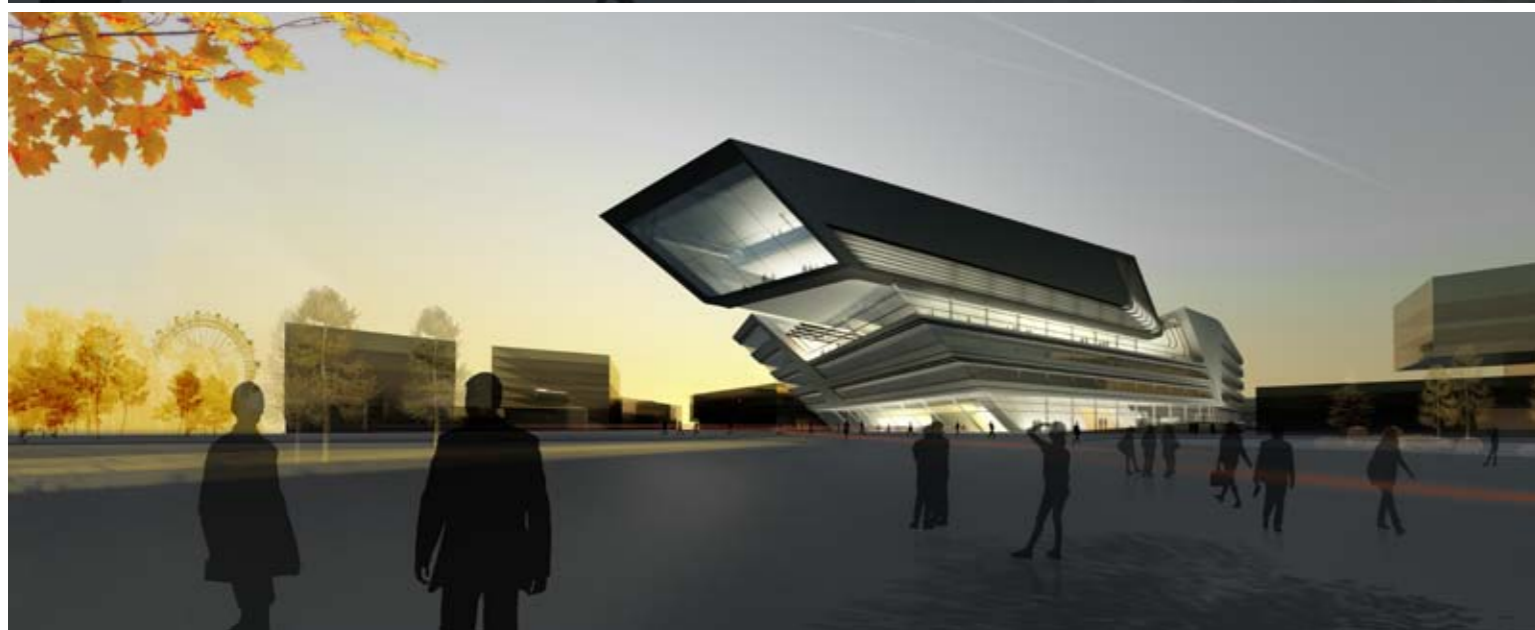
28.000m² net area

42.000m² gross area (205.000m³)

136m length, 76m width and 30m height (5 Floors)



The new Library and Learning Centre rises as a polygonal block from the centre of the new University campus. The LLC's design takes the form of a cube with both inclined and straight edges. The straight lines of the building's exterior separate as they move inward, becoming curvilinear and fluid to generate a free-formed interior canyon that serves as the central public plaza of the centre. All the other facilities of the LLC are housed within a single volume that also divides, becoming two separate ribbons that wind around each other to enclose this glazed gathering space.

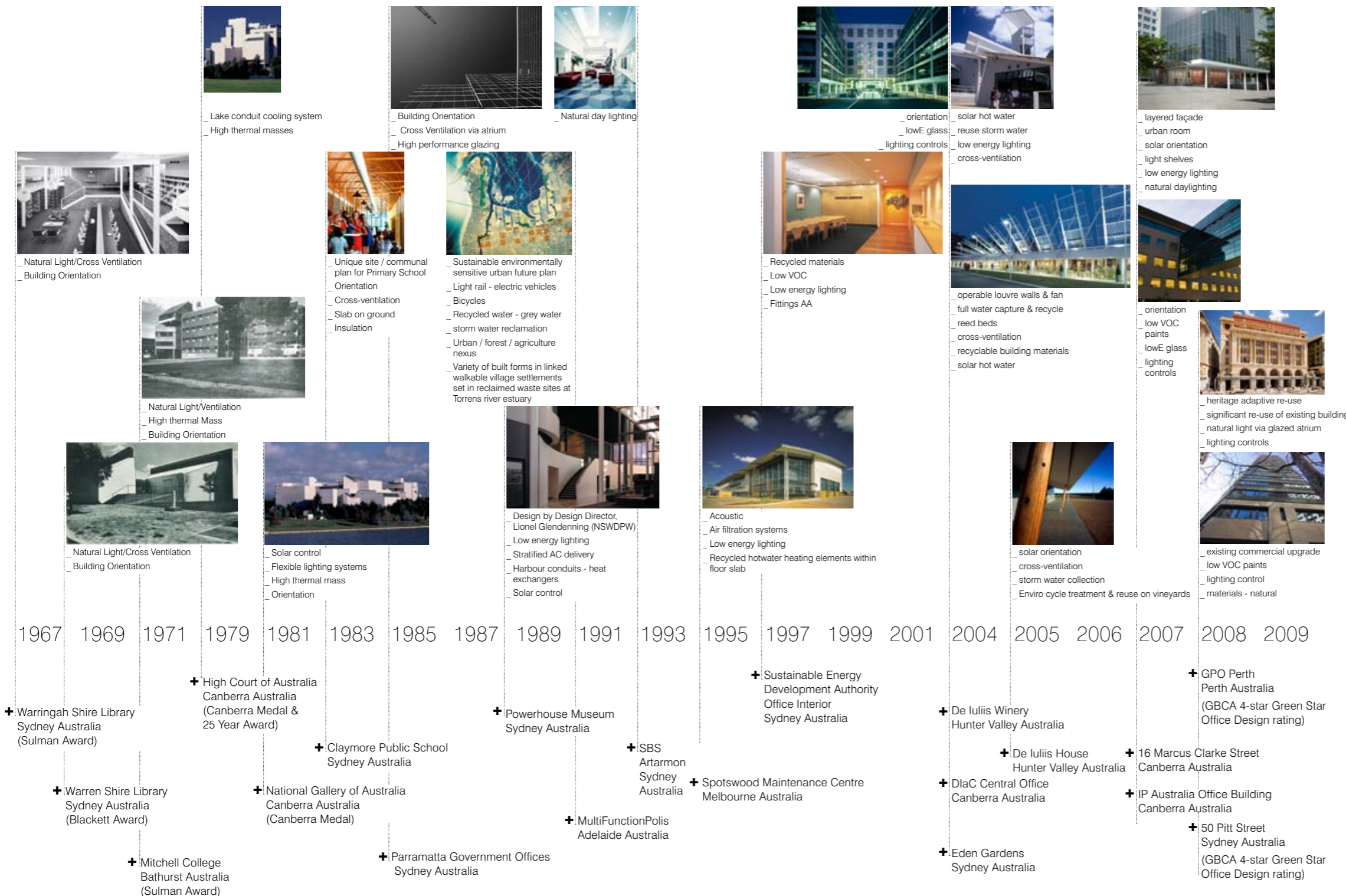


Chronological detail of HBO+EMTB's design of living buildings in an Australian context is below. This commitment to sustainability is not a merely response to current trends – we have practised responsible design for decades. We applaud the University's commitment to demonstrate an outstanding level environmental performance, and engage occupants in the monitoring & adjustment of their environment to foster both appreciation of environmental technologies and research opportunities.

As designers, we have primary responsibility for shaping sustainable built environments. We collaborate with clients and consultant teams to integrate sustainable design without compromising budgetary constraints. Whole life cycle costing, embodied energy costs, and product and systems flexibility are analysed in the context of projected operating costs, potential gains in productivity, payback periods, and energy ratings tools.

HBO+EMTB is an active member of the Green Building Councils of both Australia and New Zealand and over 25 employees have qualified as Green Star Accredited Professionals. This commitment to research, education and staff development ensures the latest ESD developments shape our thinking.

Noting the University's desire for a facility that is highly integrated into the surrounding campus, we confirm our capacity to offer expertise in commercially viable green initiatives across all our design disciplines including urban and landscape design, with particularly emphasis on water sensitive urban design.





Rosenthal Center for Contemporary Art, Cincinnati, USA, 1997 - 2003

Program Temporary exhibition space, performance space, education facility, offices, art preparation areas, and museum store

Client The Contemporary Arts Center

Area 8,500m²



Terminus Multimodal Hoenheim Nord, Strasbourg, France, 1991 - 2001

Program Station for trams and buses, car-park for 700 cars, various functions [ticket offices, shop, bikes racks, public toilets]

Client C.U.S [Communaute Urbaine de Strasbourg]
C.T.S [Compagnie des Transports Strasbourgeois]

Size / Area Parking / VRD 25,000m²
Station 3,000m²



Phaeno Science Center, Wolfsburg, Germany, 1999 - 2005

Program Interactive Science Museum, Cafe, Shop, Auditorium

Client Neuland Wohnbaugesellschaft mbH

Area 12,000m² Phaeno Science Center



National Museum of XXI Century Arts, Rome, Italy, 1997 - 2007

Program Contemporary art and architecture centre, contemporary exhibition spaces

Client Italian Ministry of Culture, Rome, Italy

Area 30,000m²



CMA CGM Headquarters Marseille, France, 2005 - 2010

Program Head offices and parking

Client CMA CGM

Area 64,000m²
33 Floors / 147m

Zaha Hadid Architects believes a successful architectural project combines, in a creative way, the interests and concerns of the various stakeholders involved in the project. Nevertheless, it's recognised that a strong leadership body is always required for an expeditious decision making process. The office's approach to each project can be determined by its background experience: over ten years' worth of relationships with complex client bodies and stakeholder groups.

Regardless of the size of the project, Zaha Hadid Architects adopts a structured format to the project management aspect of the commission. It is our experience that only by this structured method of working can the interests of all stakeholders in the project be realised and implemented within time scale and budget. Decisions taken early in the design process have the greatest impact on the final capital and operating costs of the building. Therefore value engineering exercises involving senior design consultants from each discipline will run throughout the conceptual and design development phases. Issues of programme, cost and build-ability will be addressed regularly with project representatives.

The organisation of the project would involve Zaha Hadid Architects acting as lead designer from inception to completion, working closely from the outset with building engineers, both structural and building services.

HBO+EMTB (as the registered practitioner in the State of Victoria, Australia) would provide an established, accessible local presence in addition to provision of technical staff, statutory compliance expertise, management and production resources. The practice's capacity to deliver a facility of this nature is demonstrated by a varied portfolio of acknowledged projects and an enviable record for repeat business.

A suitably qualified consultant team would be compiled with a recommendation list made available to the University of Melbourne of engineers, cost consultants and other sub-consultant appointee names and qualifications. Project consultants are drawn from a pool of professionals whose skills and reputations are 'fit for purpose'.

Client Referees - Zaha Hadid Architects

Phaeno Science Center

Herr Wolfgang Guthardt
City of Wolfsburg
Dezernent für Kultur Sport und Schulen
Goethestrasse 55
38440 Wolfsburg
Germany
T +49 (5361) 28-2762

Rosenthal Center for Contemporary Arts

David P. Crafts, Trustee
115 East Fifth Street
Cincinnati, OH 45202-3998
USA
T +1 513 721 0390

Client Referees - HBO+EMTB

RMIT

Darren Mckee
Executive Director, Property Services
T +61 3 9925 2428
E Darren.mckee@rmit.edu.au

LaTrobe University

Jim Colebatch
Position: Deputy Director Planning & Capital Projects
T +61 3 9479 1965
E J.Colebatch@latrobe.edu.au

Monash University

Ross Merolli
Project Manager
T +61 3 9905 1148
E Ross.Merolli@adm.monash.edu.au

Zaha Hadid Architects

Awards. 59 Eaton Place, London -Gold Medal Architectural Design, British Architecture, 1982 Honourable Member of the Bund Deutsches Architekten, 1998 Honourable Member of the American Academy of Arts and Letters, 2000 Honorary Fellowship of the American Institute of Architects, 2000 Mind Zone, Millennium Dome, London - RIBA Awards 2000 Car Park and Terminus Hoenheim North, Strasbourg - Equerre d'Argent special mention, 2001 Car Park and Terminus Hoenheim North, Strasbourg - AIA UK Chapter Award, 2002 One-north Master Plan, Singapore - AIA UK Chapter Honourable Mention, 2002 Car Park and Terminus Hoenheim North, Strasbourg - Red Dot Award, 2002 Bergisel Ski-Jump, Innsbruck - Austrian State Architecture Prize, 2002 Bergisel Ski-Jump, Innsbruck -Tyrolean Architecture Award, 2002 Commander of the British Empire, CBE, 2002 Car Park and Terminus Hoenheim North, Strasbourg -Mies van der Rohe Award 2003 Architect of the year 2004 - Blueprint Award Rosenthal Centre for Contemporary Art, Cincinnati - RIBA Worldwide Award 2004 Zaha Hadid, Laureate of the Pritzker Architecture Prize 2004 London Architect of the year, London Architectural Biennale 2004 Honorary Fellow of Columbia University, New York City 2005 Member of the Royal Academy of Arts, London 2005 RIBA Medal, European Commercial Building of the Year (BMW Central Building) 2005 Deutsche Architektur Prize, Building of the Year (BMW Central Building) 2005 Finalist for the RIBA Stirling Prize (BMW Central Building) 2005 Gold Medal for Design, International Olympic Committee (Bergisel Ski Jump) 2005 Austrian Decoration of Science and Art, Commissions of Science and Art, Austria, 2005 Designer of the Year, Design 05 Art Basel Miami, 2005 AIA UK Chapter Award (Phaeno Science Center) 2006 Honorary Doctorate, Yale University, USA 2006 RIBA Medal, European Cultural Building of the Year (Phaeno Science Center) 2006 Honorary Doctorate, American University of Beirut 2006 Finalist for the RIBA Stirling Prize (Phaeno Science Center) 2006 RIBA Jencks Award 2006 Academician, The International Academy of Architecture, 2006 Leading European Architects Forum (LEAF) Award (Phaeno Science Center) 2006 AIA UK Chapter Award for Excellence (Maggie's Centre Fife) 2007 Finalist for the Mies van der Rohe Award for European Architecture (Phaeno Science Center) 2007 Thomas Jefferson Foundation Medal in Architecture, USA 2007 Scottish Design Awards, Best Public Building Award (Maggie's Centre, Fife) 2007 London Design Medal, Outstanding Contribution for Design, 2007 Travel & Leisure Award, USA (Nordpark Cable Railway), 2007 Maison & Objet Designer of the Year, 2008 Dedalo Minosse International Prize for Commissioning a Building (BMW Central Building), 2008 Honorary Degree from The Pratt Institute, New York City, 2008 Spirit of Achievement Award, New York City, 2008 Cityscape Architectural Award, Dubai (Signature Towers), 2008 Chicago Athenaeum Award, Chicago (Maggie's Centre, Fife), 2008 RIBA European Award, UK (Nordpark Cable Railway), 2008 Architektur und Tirol, Austria (Nordpark Cable Railway), 2008 World Architecture Festival Transport Category, Barcelona, (Nordpark Cable Railway), 2008 RIBA Stirling Prize Nomination, (Nordpark Cable Railway), 2008

Publications. Hadid's work is widely published in periodicals and monographs which include "Zaha Hadid: Planetary Architecture Two" (no.11, 1983); "GA Architect: Zaha Hadid" (no.5, 1986, Japan); "Zaha Hadid", AA files (no.5, 1986); "Zaha Hadid 1983-1991", El Croquis (no.52, 1991, Madrid); "GA Document Extra, Zaha M Hadid" (no.3, 1995, Japan); "Zaha Hadid 1992-1995", El Croquis (no. 73, 1995, Madrid); "Zaha Hadid 1996-2001", El Croquis (no.103, 2001, Madrid); "Zaha Hadid: The Complete Buildings and Projects" (Thames & Hudson, 1998); "Zaha Hadid -LF One" (Birkhäuser, 1999); "Architecture of Zaha Hadid in photographs by Helene Binet" (Lars Muller Publishers, 2000); "Zaha Hadid, Opere e Progetti" (Italy, 2002); "Zaha Hadid Architektur", (MAK, Vienna, 2003); GA Document (nos. 65 and 66. Japan, 200, "Zaha Hadid Space for Art" (Lars Muller Publishers, 2004); "Zaha Hadid 1983- 2004", El Croquis (2004, Madrid); "Digital Hadid" (Birkhauser, 2004); "Car Park and Terminus Strasbourg" (Lars Muller Publishers, 2004); "Zaha Hadid Complete Works" (Thames and Hudson, 2004); "BMW Central Building" (Princeton Architectural Press, 2006); "Zaha Hadid" (Catalogue for the Solomon R. Guggenheim Museum, 2006); "GA Document, Special Issue, Zaha Hadid" (no. 99, 2007, Japan); "Zaha Hadid" (Motta Architettura, 2007), Total Fluidity, Catalogue for Seoul Design Olympiad Exhibition (2008).

Exhibitions. Hadid's paintings and drawings have always been an important testing field, and a medium for the exploration of her design. Major exhibitions include a retrospective at the Architectural Association, London (1983), the Guggenheim Museum, New York (1978), the GA Gallery, Tokyo (1985), "Deconstructivist Architecture" at MoMA, New York (1988), the Graduate School of Design at Harvard University (1995), Grand Central Station New York (1995), the San Francisco MoMA (1997/98), The Venice Architecture Biennale (2000), "Zaha Hadid Lounge" at the Kunstmuseum, Wolfsburg (2001), The Venice Architecture Biennale (2002), "Zaha Hadid" MAXXI in Rome (2002), "Zaha Hadid Laboratory" in Yale (2002) -the National Building Museum, Washington (2002), "Zaha Hadid Architecture" MAK Exhibition Hall in Vienna (2003), The Venice Architecture Biennale (2004), "Zaha Hadid's paintings" at the Somerset House in London (2004), the Deutsche Bank Collection at the Deutsche Guggenheim Berlin (2005), 'Silver Paintings' at the ROVE Gallery, London (2005), 'Zaha Hadid' Guggenheim New York (2006) and The Singapore Art Museum, Singapore (2006). Hadid's work also forms part of the permanent collections of various institutions such as MoMA New York, MoMA San Francisco and the Deutsches Architektur Museum, Frankfurt, Germany. Urban Voids, Lisbon Architecture Triennale, Lisbon (2007); Milan Furniture Fair, Milan 2007; Sofia European Architecture Week, Sofia (2007); Airs de Paris at the Pompidou Centre, Paris (2007); Global Cities at the Tate Modern, London (2007); 'Zaha Hadid: Design & Architecture' at the Design Museum, London (2007); Maison & Objet, Paris (2008); Silver Paintings at Art Cologne (2008); The Venice 11th International Architecture Exhibition (2008); Total Fluidity, Seoul Design Olympiad, Seoul (2008).

Exhibition Designs. 'The Great Utopia', Guggenheim Museum, New York (1992); 'WishMachine' at the Vienna Kunsthalle (1996); 'Addressing the Century' at the Hayward Gallery, London (1998); Paper Art at the Leopold-Hoesch Museum, Düren (1996); Jewellery Exhibition, Zurich (2000); 'Borderline Exhibition' Palais des Beaux Arts, Brussels (2000) and in the Salieri Sulle Tracce di Mozart and the Palazzo Reale, Milan for the Da Ponte Institute (2005); 25 Years of Deutsche Bank Art at the Deutsche Guggenheim, Berlin (2005); 'Elastika' for Design 05, Art Basel, Miami (2005); Tokyo Blossoms at The Haro Museum Installation, Tokyo (2006); The Wallpaper Magazine 10th Anniversary Exhibition, Milan (2006); Ideal House, IMM Cologne Fair (2007), Hauser & Wirth Gallery,

HBO+EMTB

Awards. Arts of Asia Gallery Auckland Museum - Silver, Spatial Design, New Zealand Best Awards Designers Institute of New Zealand (2008); Pacific Highway Upgrade: Brunswick to Yelgun - Commendation Urban Design Plans & Ideas, Planning Institute of Australia NSW (2008); Newmont Mining Tenancy, Perth Australia - InterfaceFLOR I2 Sustainable Design Award (2008); Hilton Hotel Interior Refurbishment, Auckland New Zealand - Bronze, Spatial Design New Zealand Best Awards Designers Institute of New Zealand (2007); Deloitte Tenancy, Perth Australia - Corporate Interiors Award Design Institute of Australia WA Chapter (2005); Bonner Residential Estate, Canberra Australia - Award for Planning Excellence, Urban Design Plans & Ideas, Planning Institute of Australia ACT (2006) & NSW Planning Commendation Australian Institute of Landscape Architects (2005); AAPT Headquarters, Sydney Australia - Excellence in Construction Award, Interior Fitout AU\$10m to \$15m (awarded to consortium developer, St Hilliers), Master Builders Association of NSW (2005); Federal Government Department of Immigration & Multicultural & Indigenous Affairs Central Office, Canberra Australia - Project of the Year & Commercial Building over AU\$10m & Commercial Fitout & Environmental Best Practice - Commercial (awarded to consortium developer, Bovis Lend Lease), Master Builders Association of ACT (2005); Hilton Hotel Interior Design, Auckland New Zealand - Rider Hunt Building Award, Property Council of New Zealand (2002) & Award for Excellence, Tourism & Leisure Property (2002); IMAX Theatre Darling Harbour, Sydney Australia - Merit Award, Royal Australia Institute of Architects NSW (1997) & BHP Metal Building Award (1997); National Rail Corporation Locomotive Maintenance Centre, Melbourne Australia - BHP Metal Building Award (1996); The Modbury Regional Centre Study, South Australia - Planning Institute of Australia Award (1992); High Court of Australia, Canberra Australia - 25 Year Award for Enduring Architecture Royal Australia Institute of Architects (2007) & Canberra Medallion for Design Excellence, Royal Australia Institute of Architects (1979); National Gallery of Australia, Canberra - Canberra Medallion for Design Excellence, Royal Australia Institute of Architects (1981); Mitchell College, Ballarat Australia - Sulman Award, Royal Australia Institute of Architects (1971); Warren Shire Council Library, Sydney Australia - Blacket Award, Royal Australia Institute of Architects (1969); Warringah Shire Library, Sydney Australia - Sulman Award, Royal Australia Institute of Architects (1967); Works designed by HBO+EMTB Design Director Lionel Glendenning ; Powerhouse Museum, Sydney Australia - Sir John Sulman Medal & President's Award & Interiors Award & Sir Zelman Cowen Award - Finalist, Royal Australia Institute of Architects (1988); Bicentennial Park Homebush Bay, Sydney Australia - Merit Award, Royal Australia Institute of Architects (1988); Claymore Public School, Sydney Australia - Merit Award, Royal Australia Institute of Architects NSW (1980).