

office profile



from top left to down right: Lufthansa Headquarters, Frankfurt Airport, Germany; Breezé Tower and Sankai Concert and Opera Hall, Osaka, Japan; Orchard Road, Singapore; One Bligh Street, Sydney, Australia; Robinson Road, Singapore; Stadiums, Kim Hae, South Korea; Tour Signal, Paris, France; Swarovski Headquarters, Zurich, Switzerland; European Investment Bank, Luxembourg; International Criminal Court, The Hague, The Netherlands; First Bank Headquarters, Vienna, Austria; Westfield, Sydney, Australia

Christoph Ingenhoven founded the architectural studio Ingenhoven Architects in 1985. As principal and design architect he works on every project. His office has won numerous prizes in international competitions, including numerous first prizes and awards for realised projects and their sustainable approach. The studio is located at the Plange Mühle, a refurbished former flour mill in Düsseldorf's Habor where it employs ca. 100 architects, designers, draughtsmen and model makers. It is known for its open-minded working atmosphere with an emphasis on teamwork and communication. Ingenhoven Architects' work is sustainable, elegant and also sensitive in daylight using. The well being of users, technical innovations and logical constructions are important requirements of the design.

The range of Ingenhoven Architects' work includes cultural projects like company headquarters, office buildings, high-rises, museums and concert halls, cinemas, university and education buildings, furthermore department stores especially within historical cities, industrial buildings, refurbishments, urban planning, landscape design, masterplanning, airports and railway stations. Ingenhoven Architects have a wide experience in complex plannings and are technically versed in all kinds of infrastructure functions.

In the recent past, we have been invited to participate in a number of competitions for a variety of buildings around the globe. The best known recently finished projects are the Lufthansa Headquarters at Frankfurt Airport, Germany, the European Investment Bank in Luxembourg and the Breezé Tower with the Sankai

Concert and Opera Hall in Osaka, Japan; Projects like the UCD University College Dublin Campus, Dublin, Ireland, the International Criminal Court, The Hague, The Netherlands, Robinson Road, Singapore and One Bligh Street, Sydney, Australia are under construction.

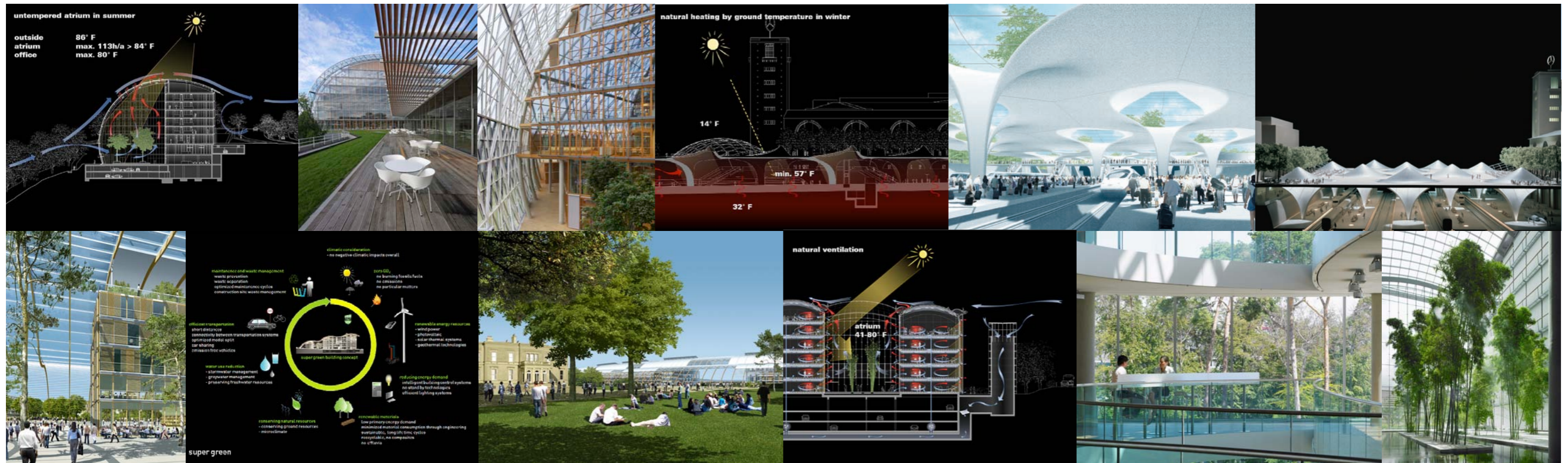
Ingenhoven Architects is experienced in working internationally due to many realised projects worldwide. So far projects have been or are being realized in Asia, Australia, Singapore and in several European countries such as Luxembourg, Switzerland, Ireland, The Netherlands and throughout Germany. For the similar complex projects, like the European Investment Bank in Luxembourg, the Breezé Tower in Osaka, Japan, and the UCD University College Dublin Campus, Dublin, Ireland, we are also general designers and as such present in the needed

time period on site with branch offices, additionally we grouped - like in all of our international projects - with local consultants and reknown experts from all over the world as support. The same is foreseen for this prestigious project: architectus with offices in Auckland, Brisbane, Melbourne and Sydney will be our local consultant. The entire team is ready to perform fully complying to the given conditions at the University of Melbourne.

contact

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sustainability and green building design



from top left to down right - first three pictures: European Investment Bank, Luxembourg - second three pictures: Main Station Stuttgart, Germany
third three pictures: UCD University College Dublin, Dublin, Ireland - fourth three pictures: Lufthansa Headquarters, Frankfurt Airport, Germany

We believe contemporary architecture must exhibit a positive response to the natural and built environment as well as those who will use and experience this building during daily lives. The competition for the new building of the Faculty of Architecture Building and Planning is an important contribution to the future development of The University of Melbourne and has to harmonise with the existing structures. This mix of factors makes the competition particularly interesting to us. We have planned and realise right now several projects in Sydney like the high-rise at One Bligh Street and thus are - together with our partner - extremely familiar with the local situation and the Australian building law.

We sincerely hope that we will be invited to partake in this creative process and prove the value of our approach towards an integral design of modern architecture for this prestigious project. The competition for the new building of the Faculty of Architecture Building and Planning of The University of Melbourne is an exciting challenge we would like to meet.

Ingenhoven Architects as a German based architectural firm is emerging as the world Leaders in the design of sustainable buildings and has received a large number of architectural awards for its approach in sustainability and ecology. Our work is guided by the principles set out by bodies such as LEED, the Swiss Minergy Standard, DGNB, European Standard 2000 and BREEAM.

Integrating "Green Building" design standards generate an effective financial benefit. Main effects are lower energy consumption and lower operation and maintenance costs.

We have realised or are still planning a variety of successful low energy projects. The first ecological orientated high-rise, the RWE Headquarters in Essen, Germany, with its double skin facade technology, provides for natural ventilation on each floorlevel. The new Lufthansa Headquarters at Frankfurt Airport, Germany, which was completed in summer 2006 requires only one-third the energy of a conventional office building. It reaches the ambitious LEED Gold standard. The European Investment Bank in Luxembourg is certified as "excellent" by the British Building Research Establishment Environmental As-

essment Method (BREEAM) and is the first building in continental Europe to be judged by these standards. The new campus for UCD, University College Dublin, Ireland sets new standards for energy efficiency and sustainability. The design convinced because of its ecological overall approach of a low-energy concept with zero CO2 emissions. The new Main Station in Stuttgart, to be built until 2018, was awarded the Global Holcim Award Gold in 2006, the highest endowed architectural awards for its sustainable design. Thus as a carbon-free and zero energy building, it requires no heating, cooling or mechanical ventilation.

UCD Gateway University College Dublin Ireland

Oeconomicum Düsseldorf University Germany



International Competition 2007, 1st prize

Realisation until 2014

Client University College Dublin, Tierney Building, Belfield, Dublin 4, Ireland

Contact person Dr. Hugh Brady, President
Phone + 35 317161618 1704

Construction costs 450 Mio. €

All architectural services, General planning

GFA 190.000 m²

The UCD Masterplan is a proto-type of the campus of the future. It arranges all existing and future buildings around a central green space, the so called beltwalkable. Thus the new campus creates a successful rearrangement and extension of the entire university. The proposal convinces primarily through the ecological concept as a sustainable campus with very low

CO₂ emissions. The new build components will set benchmarks in terms of energy efficiency and sustainability. Consequently they will receive an „excellent“ certification from the British Eco-Standard BREEAM and will even exceed its criteria in some aspects. Characteristic of the new campus is a new Gateway building and plaza with its curved roof, covering all building parts and integrating photovoltaic and solar thermal systems as well as wind turbines and extensive greenery. The Gateway aspect will comprise new built structures on approximately 13 hectares along the N11. The first Gateway Building will provide up to 99,500 gross square metres of development space with associated car parking, plus the Gateway Plaza, improved pedestrian linkages, expansion of the existing N11 bridge, bus layover and landscaping.

Realisation 2008-2010

Client Schwarz-Schütte Förderstiftung, gemeinnützige GmbH, Poststraße 7, D-40213 Düsseldorf

Contact person Mr. Schwarz-Schütte, Managing Director, Phone +49 (0) 211 86327913

Construction costs 15 Mio. €

All architectural services, General planning

GFA 5.000 m²

On the campus of the Heinrich-Heine-University Düsseldorf, between the Library of the University, the Faculty of Medicine and the University-Lake, the Oeconomicum will be built. Thus the new building takes its form from the curved shore of the lake and the surrounding buildings defining a new square in between. The Oeconomicum is a grant by the Schwarz-Schütte-Foundation and will host the Faculty

of Economics with 14 professorships [10 existing and 4 newly granted] with 110 workspaces. The GFA of the building will be 4,700 m² with Deanery, registrars office and other commonly used facilities on ground floor and the chairs on first floor. Main aspect of the design is overall transparency cultivating the scientific workflow and thus the synergy-effect on the one hand as well as the communication pointing out the relationship between research and teaching on the other. Therefore the Oeconomicum opens up towards the lake with a totally glazed façade structure giving an open space to students and professors. Concerning energy and maintenance costs the aim is to minimize them to the lowest possible. Even more a high Green-Building Standard will be achieved [DGNB].

Fraunhofer-Institute for Mechanics of Materials Freiburg Germany

Fraunhofer-Center for Silicium-Photovoltaic Halle Germany

Mathematical Institute Karlsruhe University Germany

Chemical Institute Heidelberg University Germany



Realisation 2007-2010 (1st phase)

Client Fraunhofer Gesellschaft, Hansastraße 27c, D-80686 München

Contact person Herr Christoph Mewes, Phone +49 (0) 89 12053308

Construction costs 5 Mio. € (1st phase)

All architectural services, General planning, SiGeKo

GFA 3.500 m² (1st phase)

Until 2010 the Fraunhofer-Institute for Mechanics of Materials IWM in Freiburg will be extended to 10.500 m² in total. The extension will be a three stories high solitaire design. In addition the design is open to further extensions a second towards the east and a third towards the west. Besides the required office spaces the new building integrates necessary spaces for laboratories, workshops and technical facilities.

Realisation until 2010

Client Fraunhofer Gesellschaft, Hansastraße 27c, D-80686 München

Contact person Herr Dipl.-Ing. Michael Weese, Phone +49 (0)89 1205 3313

Construction costs 14 Mio.€

All architectural services, General planning, SiGeKo

HNF 4.100 m²

The Fraunhofer-Center for Silicium-Photovoltaic CSP in Halle is a new formation of both the Fraunhofer-Institute IWM and the Fraunhofer-Institute for Solar Energy Systems ISE. Sustainability, modularity and reversibility of the building are amongst the key tasks to solve. Besides hosting the necessary technique for the production and material testing of the silicium, the institute has to provide laboratories and offices.

Start of Planning 2009

Client Vermögen und Bau Baden-Württemberg Amt, Karlsruhe

Contact person Mr. Günter Bachmann, Ltd. Baudirektor, Phone +49 (0)721 926 7777

Construction costs 19 Mio. €

All architectural services

GFA 12.500 m²

The institute will be redeveloped to serve as the head of the University, in view of the castle. Only under receipt of the shell the building will be redeveloped and add on a squadron floor. The courtyard will be roofed and used as entrance hall and place of communication, to optimize the day-light the court get expanded. An overhanging roof positioned the building new in the block structure of the city.

Start of Planning 2009

Client Vermögen und Bau Baden-Württemberg, Universitätsbauamt Heidelberg

Contact person Mr. Joachim Kircher; Phone +49 (0)6221 54-0

Construction costs 16 Mio. €

All architectural services

GFA 4.500 m²

Ingenhoven Architects have been appointed to design a new chemical laboratory building for the Faculty of Chemistry and Earth Sciences of the University Heidelberg.

Chancellery University of the Sunshine Coast Australia

Technology Building St Peter College Auckland, New Zealand



Architectus brings together over 250 design and planning professionals to provide comprehensive design and management services in architecture, urban design, planning and interior architecture.

We have offices in Sydney, Auckland, Brisbane, Melbourne and Shanghai. The offices are linked by seamless technology, the highest business and social standards, and a common philosophy, providing an extensive network of resources for our clients to call upon. Project teams are aided by excellent design review and communication systems and rigorous delivery controls.

We have a proven track record in the delivery of large projects. Recently completed projects such as the Gallery of Modern Art in Brisbane and the University of Sunshine Coast Chancellery were delivered within the client's budget and programme requirements and exceeded the quality expectations of the users and government. The University of Western Sydney student housing completed in December 2008 was delivered well below budget, attributed to the selection of sensible building materials, a simple and repetitive structural system and high quality documentation. The design of the Brisbane Supreme Court has been successfully developed around a changing client budget and is currently under construction and due to be completed on schedule by December 2011.

Architectus directors have been honoured with over 85 major professional awards and are widely published in Australia, New Zealand and internationally. They have been exhibited at the Architectural League of New York as well as Tokyo, Venice, Barcelona, Sydney, Melbourne, Perth and Auckland. Directors have also been invited as keynote speakers at international environmental, architecture, and documentation conferences.

Architectus will apply its powerful research base and knowledge of educational pedagogy and the modern workplace, through Dr. John Hockings (former Professor and Head of School of Design at the Queensland Institute of Technology), Dr. Andrew Bunting and national design directors Lindsay and Kerry Clare and Patrick Clifford.

Lindsay and Kerry Clare will be committed to the project as design directors responsible for leading all aspects of the design. They will be located in Melbourne for this period. Their design leadership will be combined with early collaborative input from all stakeholders (including builders) to provide a building of the highest quality and sustainability. Peter Slifirski will be committed to the role of director in charge. Architectus will apply its extensive and up to date experience of world's best practice in building procurement systems. For example consideration could be given to the adoption of the sub-contractor strategy applied to the Brisbane Supreme Court that provides involvement by subcontract trades during the design development period. This fully inclusive process has exceeded client expectations by providing an environment of "esprit de corps".

Waitakere Central Library and UNITEC Facilities
Auckland, New Zealand

Mathematics Statistics and Computer Sciences Building
University of Canterbury
Christchurch, New Zealand

Monash Centre for Electron Microscopy
Clayton, Australia

Mathematics Statistics and Computer Sciences Building
University of Canterbury
Christchurch, New Zealand



We will apply our extensive experience in the delivery of fully documented projects, which have demonstrated benefits including increased quality and satisfaction of the client brief and reduced construction, operations and maintenance costs. Detailed design and consultation skills will ensure all brief issues are identified and resolved prior to documentation, minimising client and user disagreements and contract variations.

Architectus is widely acknowledged as an industry leader in the area of Building Information Modelling (BIM) and Autodesk Revit. BIM allows for the creation of all presentation and construction documents from a single integrated 3D digital model of the building and services for the life of the project. BIM co-ordinates all building elements, provides early detection of conflicts and maximises project productivity through full integration of plans, schedules, and construction documents. BIM also allows us to better test, analyse and integrate our ESD initiatives with accuracy.

Selected Awards

- 2009 NZIA – National Award for Urban Design – Queen Street Auckland
- 2008 NZIA – National Award for Architecture – Trinity Apartments
- 2008 AIA – Queensland Public Architecture Award – University of the Sunshine Coast Chancellery
- 2008 AIA – Harry S Marks Award for Sustainable Architecture – University of the Sunshine Coast
- 2007 RAIA – National Award for Public Architecture – Queensland Gallery of Modern Art
- 2007 RAIA – Queensland Public Architecture Award – Queensland Gallery of Modern Art
- 2004 NZIA – National Award for Architecture – House at Stanley Point
- 2003 RAIA – National Award for Architecture – Jade Stadium

- 2002 NZIA – National Award for Architecture – St Peters Technology Building
- 1999 NZIA – National Award for Architecture – Mathematics, Statistics & Computer Sciences Building, University of Canterbury
- 1999 RAIA – National Commercial Award – Neville Bonner Building
- 1997 NZIA – National Award for Architecture – Clifford Forsyth House
- 1996 RAIA – National Environment Citation – Cotton Tree Housing
- 1995 RAIA – National Commercial Award – Ski n Skurf Waterski Park
- 1995 RAIA – National Robin Boyd Award – Hammond Residence
- 1992 RAIA – National Robin Boyd Award – Clare Residence