Introduction

BIG is a Copenhagen and New York based group of architects, designers and thinkers operating within the fields of architecture, urbanism, research and development. BIG has created a reputation for completing buildings that are as programmatically and technically innovative as they are cost and resource conscious. In our architectural production we demonstrate a high sensitivity to the particular demands of site context and programme.

BIG’s completed projects include the Danish Pavilion at the 2010 World Expo in Shanghai (2010), the 8 House, a 62,000 m2 mixed-used project including 500 residential units overlooking the reserve landscape of Kalvebod Commons in Ørestaden (2010), The Mountain (2008), the World Architecture Festival Housing Award winner, Helsingør Psychiatric Hospital (2006), the Maritime Youth House (2004) and Copenhagen’s Harbour Bath (2003), an urban space that transformed the area of Islands Brygge from a run down harbourfront to the recreational and social centre of the city.

Current buildings under construction include the Danish Maritime Museum in Helsingør, 600 residential units on West 57th Street in New York City, a new Educational Centre on the Faeroe Islands and Shenzhen Energy Mansion in China. Additionally, BIG placed first in seven international competitions in 2011 including the Stockholmsporten in Sweden, Waste-to-Energy Plant in Denmark, Nuuk National Gallery in Greenland & Tirana Cultural Centre in Albania.

BIG seeks to free architectural imagination from habitual thinking and standard typologies in order to deal with the constantly evolving challenges of contemporary life.
Design approach

As designers of the built environment we test the effects of scale and the balance of programmatic mixtures on the social, economical and ecological outcome of a given site. Like a form of programmatic alchemy we create architecture by mixing conventional ingredients such as living, leisure, recreation, working, parking and shopping to realize imaginative and responsible solutions. Our philosophy recognizes the added value to be brought to each building site and our recipe of programmatic alchemy allows for the development of constructible and economical designs.

Rather than revolution we are more interested in evolution.

In our native Copenhagen we have gradually introduced spatial diversity and density as well as programmatic and cultural mix into the landscape. Until recently all elements would have been rejected as alien, but through a series of commissions are now being absorbed as integrated elements of the urban tissue. Through the success of our projects and research in Copenhagen we are now being commissioned by forward-looking developers and municipalities across Europe, North America, Middle East, Central Asia, and the Far East. In these projects, we apply our research-based approach and study to local conditions and concerns in an effort to realize their global aspirations.
BIG is a stock based corporation (A/S) with a board of directors consisting of Creative Director and Founding Partner Bjarke Ingels in collaboration with Christian Madsbjerg, Niels Koggersbøl, and CEO Sheela Maini Søgaard. This team determines BIG’s strategic long-term goals that are then carried out in the everyday management conducted by Sheela Maini Søgaard and Bjarke Ingels. In 2009 BIG extended the management to include five new Creative Partners: Andreas Klok Pedersen, David Zahle, Finn Nørkjaer, Jakob Lange and Thomas Christoffersen and two new Managing Partners: Sheela Maini Søgaard and Kai-Uwe Bergmann, Director of Business Development.

With 5 Creative Partners and Bjarke Ingels in the Creative Director role, BIG will for each project assign a partner in charge to lead and guide the creative process to ensure the high quality of our work. BIG employs architects, construction architects and design assistants and the daily management of each commission follows either a flat or hierarchically structured team set-up according to the character of the project. When required for a commission we will embed experts and specialists into the team to help us find the best solution. To facilitate the primary running of the company, BIG makes use of an in-house IT-department, a communication department, accounting, and administrative assistants.
BIG currently employs designers, builders and thinkers who come from over 15 countries representing the Far East, Latin America, North America, Continental Europe, and Scandinavia. This multicultural make-up ensures a vivid, competent and creative working environment that remains in constant development. Comfortably conversing in over 15 languages allows us to reach far beyond our own borders and engage municipalities, developers, and partners at a very direct and personal level in their own country. We strive to understand the nuances of the cultures within which we work translating it into our own fresh approach to the given task.

<table>
<thead>
<tr>
<th>Employees</th>
<th>'09</th>
<th>'10</th>
<th>'11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architects</td>
<td>57</td>
<td>75</td>
<td>78</td>
</tr>
<tr>
<td>Construction architects</td>
<td>8</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Administration</td>
<td>8</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>73</td>
<td>96</td>
<td>102</td>
</tr>
</tbody>
</table>

BIG recruits its talent from the world’s best architecture and design schools. Regularly teaching and lecturing at top universities such as the Harvard Graduate School of Design in Cambridge and Columbia University in New York, Bjarke Ingels has the unique opportunity to make students aware of our highly selective six-month internship programme. As critical members of the design team, interns share the responsibility for ensuring their work meets the high standards of the office as a whole.
BIG’s approach to sustainability is at once local rooted in the Danish tradition of energy conservation but has since grown to incorporate a global approach with our projects seeking and being certified in LEED, Green Mark and Passive House Standards. We begin every project with a climatic analysis which then allows us to choose the appropriate sustainable strategies and technologies. In past projects, we have sited buildings to optimize their solar orientation, integrated inventive daylighting measures, green roofs, geothermal systems, and greywater systems, and have dealt with the challenges of brownfield sites. We are currently building housing and office spaces in Germany and Estonia which are using less then 15kwh/m2/yr which amounts to about one quarter of comparable buildings being built today.

We aim for our projects to always meet or exceed local expectations and standards for sustainability. Our designs have received several sustainability awards including the Scandinavian Green Roof Award for our recent 8 House residential development which includes 500 apartments without a single parking space built into the facility – thereby refocusing our attention from making space for gas-guzzling automobiles to instead prioritizing public transportation and bicycling. Our 600-unit West 57th is an 800,000 sf mixed-use project in Manhattan aiming for LEED Gold and thereby becoming a hallmark for residential construction in New York City. Buildings are complex networks of diverse systems around the programs they support. Our strategies always look at the ongoing life cycle value by reducing material, money, and time dedicated to maintenance.
We have always incorporated sustainable initiatives into our projects. In almost every instance these initiatives are not discretionary or additive in nature, but constitute the formative acts around which subsequent design solutions are conceived. Interior and exterior finishes are often comprised entirely of self-finishing materials which require little or no maintenance. Our buildings are usually sited to optimize solar orientation and many integrate inventive day-lighting measures through the use of atria, light wells, light monitors or skylights. Several projects, including the Psychiatric Hospital and 8 House, incorporate vegetated roofs, which aid in storm water retention and thermal efficiency. All the rainwater on the site of The Mountain is collected in an underground cistern and then recycled to be used as drip irrigation throughout the terraced planters. Or in the case of the Maritime Youth House the undulating wooden landscape actually caps the site’s contaminated soil which breathes new life into a former desolate harbour front.

Buildings are complex networks of diverse systems operating on multiple scales across time. Our architecture explores ways to artfully interweave these systems around the programmes they support. This systems approach can often enable the selective removal and replacement of one with minimal disruption to others. These strategies allow for ongoing life cycle value by reducing material, money and time dedicated to maintenance. We are proud to be rooted in the Danish tradition of seeking alternative means to balance the energy resources we use in our everyday and would like to bring this innovative spirit to all of our projects.
At BIG we do not think of architecture in a traditional way. This is why it is important for us to collaborate with the client to establish a firm grip of the project finances. Through our pragmatic approach to architecture, in sketch, drawing and detailing we continuously seek new methods to follow the initial project idea through until the building is finished. It is an established part of our design process to stay within the financial framework of the project by designing creative and alternative solutions.

Working closely with the client we make a virtue of developing and renew project details to ease production, delivery and mounting in ways that the client feels secure to work with. We have had great success involving all parties early in the process to ensure the client a better overview of the building process. It is our experience that the result is a more precise estimate and thus better control of the budget. This approach to budget control requires more investigations in the sketch process but it is our conviction that the extra work pays off in the building process. Many uncertainties are in this way eliminated early in the design process and thus a lot unpredicted expenses are avoided.
Quality Assurance

Quality is a constant part of our design process and as such our client is a central figure in any successful quality assurance process. To us, delivering the best quality assurance possible means listening to and understanding the demands and needs of our clients throughout the entire building process. Our quality assurance programme is not only about finding errors, but it is about identifying the potential for them to arise.

Our quality assurance system is based on the latest international standards of EN ISO 9001:2008, and we are currently undergoing the formal process to become professionally certified. Furthermore, the quality assurance programme is based on the paradigms of “DANSKE ARK”, the Danish Association of Architectural Firms, and is structured on three levels: the overall, the interdisciplinary and the specific levels.

When BIG functions as main consultant or use the competences of sub-consultants, these are obligated to use the standards of the BIG Quality Assurance Programme. When BIG shares the main consultancy, our quality assurance programme forms part of the overall assurance system according to directions agreed upon by the parties involved, coordinated by the chosen project leader. When BIG functions as sub-consultant, the quality assurance programme forms part of the overall assurance system according to guidelines set by our clients.
Qualifications

Besides the rich experience and expertise that we have brought into our projects we have developed a number of technical skills and qualifications which are implemented in our quality assurance program.

CAD coordination, 3D visualizations, scale models, drawings and sketches are used to enhance management of the projects and optimize communication with our clients. By using scale models we try to establish ‘sociological labs’ in which client, engineers, consultants and architects are testing and experimenting to find the best possible organisation between program, structure and context. The design concept thus growing out of an evolutionary process where the fittest forms are adjusted to the intent of client and the lives we want to live.

BIG always prepares a quality report that provides a detailed description of cost and time control, organisation, systems, technical restrictions, etc. The quality report is used in meetings between client, architect and consultants and serves as a guiding tool to make the right decisions along the way. Drawings, sketches, plans and budgets are critically reviewed and examined by extern consultants and specialists continuously through the process to ensure the best possible result.
Many of our projects require a complex space program as part of a complex context. As part of quality assurance and budget control it is essential that the voice of the client and end users is heard from the beginning. Adding to the programmatic alchemy and opportunity for a unique design, the public process begins by explaining the task at hand and BIG’s proposed solution. Following the initial meeting and discussion a dialogue between project leader and key constituents occurs both in writing and orally to reach an optimal solution for all parties involved. We have extensive experience in leading workshops and conducting user surveys. By giving careful consideration to all input we come to the crux of the problem. To achieve the best discussions and the most precise communication, we are working simultaneously with drawings, physical models and computer visualization. By illustrating what we hear and think we become more involved in the process and gain a greater awareness of the direction the project is moving in. The aim is to turn vague feelings or intuitions into precise tools and benchmarks for future development.
## Selected Awards

<table>
<thead>
<tr>
<th>Year</th>
<th>Award</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>W57</td>
<td>NYAIA Merit Award</td>
</tr>
<tr>
<td>2011</td>
<td>8</td>
<td>AIA National Award</td>
</tr>
<tr>
<td></td>
<td>AMF</td>
<td>AR</td>
</tr>
<tr>
<td>2011</td>
<td>8</td>
<td>World Architecture Festival</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Honor Award</td>
</tr>
<tr>
<td></td>
<td>BJARKE</td>
<td>Architectural Innovator of the Year Award</td>
</tr>
<tr>
<td></td>
<td>SJA</td>
<td>IOC/IAKS Silver Award</td>
</tr>
<tr>
<td></td>
<td>BJARKE</td>
<td>Crown Prince Culture Prize</td>
</tr>
<tr>
<td></td>
<td>STL</td>
<td>Chicago Athenaeum International Architecture Award</td>
</tr>
<tr>
<td></td>
<td>BJARKE</td>
<td>Prix Delarue Award</td>
</tr>
<tr>
<td></td>
<td>XPO</td>
<td>Detail Award</td>
</tr>
<tr>
<td></td>
<td>MTN</td>
<td>Jørn Utzon Statue</td>
</tr>
<tr>
<td>2010</td>
<td>YIM</td>
<td>Dam Book Award</td>
</tr>
<tr>
<td></td>
<td>XPO</td>
<td>Exhibitor Magazine Awards</td>
</tr>
<tr>
<td></td>
<td>TAT</td>
<td>AR</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Scandinavian Green Roof Award</td>
</tr>
<tr>
<td>2009</td>
<td>MTN</td>
<td>Urban Land Institute Award of Excellence</td>
</tr>
<tr>
<td></td>
<td>ANL</td>
<td>Cityscape Dubai Award</td>
</tr>
<tr>
<td></td>
<td>MTN</td>
<td>Chicago Athenaeum International Architecture Award</td>
</tr>
<tr>
<td></td>
<td>MTN</td>
<td>ULI Award for Excellence</td>
</tr>
<tr>
<td></td>
<td>LDK</td>
<td>Good Green Design Award</td>
</tr>
<tr>
<td></td>
<td>M2</td>
<td>Scandinavian Green Roof Finalist</td>
</tr>
<tr>
<td></td>
<td>ZIRA</td>
<td>Cityscape Abu Dhabi Finalist</td>
</tr>
<tr>
<td></td>
<td>MTN</td>
<td>Mies Van Der Rohe Award</td>
</tr>
<tr>
<td></td>
<td>MTN</td>
<td>MIPIM Award</td>
</tr>
<tr>
<td>2008</td>
<td>MTN</td>
<td>Forum Aid Award</td>
</tr>
<tr>
<td></td>
<td>MTN</td>
<td>World Architecture Festival</td>
</tr>
<tr>
<td></td>
<td>BIG</td>
<td>Wood Award</td>
</tr>
<tr>
<td></td>
<td>SCA</td>
<td>Chicago Athenaeum International Architecture Award</td>
</tr>
<tr>
<td></td>
<td>SJA</td>
<td>IOC</td>
</tr>
<tr>
<td>2007</td>
<td>VM</td>
<td>Mies Van Der Rohe Award</td>
</tr>
<tr>
<td></td>
<td>BAD</td>
<td>IOC</td>
</tr>
<tr>
<td>2006</td>
<td>VM</td>
<td>Forum Award</td>
</tr>
<tr>
<td>2005</td>
<td>MAR</td>
<td>Mies Van Der Rohe Award</td>
</tr>
<tr>
<td></td>
<td>PLOT</td>
<td>The Royal Academy Of Arts Eckersberg Medal</td>
</tr>
<tr>
<td>2004</td>
<td>STA</td>
<td>Golden Lion</td>
</tr>
<tr>
<td></td>
<td>MAR</td>
<td>AR+D Award, Architectural Review, RIBA</td>
</tr>
<tr>
<td></td>
<td>MAR</td>
<td>Copenhagen Award</td>
</tr>
<tr>
<td></td>
<td>MAR</td>
<td>European Architecture Award</td>
</tr>
<tr>
<td></td>
<td>BAD</td>
<td>European Prize</td>
</tr>
<tr>
<td></td>
<td>PLOT</td>
<td>Copenhagen Collaboration Award</td>
</tr>
<tr>
<td></td>
<td>PLOT</td>
<td>Scanorama Design Award</td>
</tr>
<tr>
<td>2002</td>
<td>PLOT</td>
<td>Nykredits Architecture Prize</td>
</tr>
<tr>
<td>2001</td>
<td>BJARKE</td>
<td>Henning Larsen's Prize</td>
</tr>
<tr>
<td>Year</td>
<td>Competition</td>
<td>Location</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>2012</td>
<td>MECA</td>
<td>FRAC Bordeaux, FR</td>
</tr>
<tr>
<td></td>
<td>TCC</td>
<td>Tampere, FI</td>
</tr>
<tr>
<td></td>
<td>KIM</td>
<td>Kimball Art Center, US</td>
</tr>
<tr>
<td>2011</td>
<td>LAP</td>
<td>Lapland Ski Resort, FI</td>
</tr>
<tr>
<td></td>
<td>PARC</td>
<td>Jussieu Campus, FR</td>
</tr>
<tr>
<td></td>
<td>BOND</td>
<td>Transitlager Warehouse, CH</td>
</tr>
<tr>
<td></td>
<td>TIR</td>
<td>Mosque &amp; Museum, AL</td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td>Stockholm City Gate, SE</td>
</tr>
<tr>
<td></td>
<td>E2</td>
<td>Ecology &amp; Economy, FI</td>
</tr>
<tr>
<td>2010</td>
<td>AMF</td>
<td>Amager Waste Treatment Plant, DK</td>
</tr>
<tr>
<td></td>
<td>NUUK</td>
<td>Nuuk National Gallery, GL</td>
</tr>
<tr>
<td>2009</td>
<td>ANL</td>
<td>Astana National Library</td>
</tr>
<tr>
<td></td>
<td>KAUF</td>
<td>Masterplan, Hamburg, DE</td>
</tr>
<tr>
<td></td>
<td>TAM</td>
<td>Tamayo Cultural Centre, MEX</td>
</tr>
<tr>
<td></td>
<td>TAT</td>
<td>Tallinn Town Hall</td>
</tr>
<tr>
<td></td>
<td>SEM</td>
<td>Shenzhen Energy Mansion, CN</td>
</tr>
<tr>
<td></td>
<td>WWS</td>
<td>World Village of Women Sports, SE</td>
</tr>
<tr>
<td>2008</td>
<td>XPO</td>
<td>The Danish Expo Pavilion 2010, CN</td>
</tr>
<tr>
<td></td>
<td>QIN</td>
<td>Qingdao Bridge, CN</td>
</tr>
<tr>
<td></td>
<td>SCA</td>
<td>Scala, Mixed-use, DK</td>
</tr>
<tr>
<td></td>
<td>BKI</td>
<td>Landsbanki HQ, IS</td>
</tr>
<tr>
<td></td>
<td>ØRE</td>
<td>Øresund Park, DK</td>
</tr>
<tr>
<td></td>
<td>SUK</td>
<td>Superkilen, DK</td>
</tr>
<tr>
<td>2007</td>
<td>SØF</td>
<td>Maritime Museum, DK</td>
</tr>
<tr>
<td>2006</td>
<td>LEGO</td>
<td>LEGO Towers, DK</td>
</tr>
<tr>
<td></td>
<td>VIB1</td>
<td>Vibenhus Office Building, DK</td>
</tr>
<tr>
<td>2005</td>
<td>HOME</td>
<td>Hotel on Christianshavn, DK</td>
</tr>
<tr>
<td>2004</td>
<td>ESSO</td>
<td>Stavanger Residential, NO</td>
</tr>
<tr>
<td></td>
<td>SJA</td>
<td>Sjakket Youth Club, DK</td>
</tr>
<tr>
<td></td>
<td>ILB</td>
<td>Islands Brygge South with West8, DK</td>
</tr>
</tbody>
</table>
8-HOUSE
PROGRAMME 540 Apartments, shops og office
SERVICE Architecture, design and construction
COLLABORATORS Moe & Brødsgaard, Klar
SIZE 62,000 m²
COST € 80.5m
LOCATION Copenhagen, Denmark
STATUS Completed 2010
PRIZES Scandinavian Green Roof Award
CLIENT Høpfner, Danish Oil Company, St. Frederikslund
CLIENT CONTACT INFO Per Høpfner, CEO of Høpfner
E. per@hopfner.dk, T. +45 33 17 94 94, M. +45 20 46 16 22

THE DANISH EXPO PAVILLION 2010
PROGRAMME Exhibition pavilion
SERVICE Architecture, design and construction
COLLABORATORS Arup Shanghai, Arup AGU, Tongji, 2+1, Jeppe Hein, Martin De Thurah, Peter Funch
SIZE 2,800 m²
COST € 12.8m
LOCATION Shanghai, China
STATUS Completed 2010
PRIZES Exhibitor Magazine Award for Best Interior Design
CLIENT Erhvervs- og byggestyrelsen

THE MOUNTAIN
PROGRAMME 80 Apartments, parking og shops
SERVICE Architecture, design and construction
COLLABORATORS Jds, Moe & Brødsgaard, SLA
SIZE 33,000 m²
COST € 33m
LOCATION Copenhagen, Denmark
STATUS Completed 2008
PRIZES WAF Best Housing Award, MIPIM Best Housing Award, Forum Aid Architecture Award, ULI Award of Excellence
CLIENT Høpfner, Danish Oil Company
CLIENT CONTACT INFO Per Høpfner, CEO of Høpfner
E. per@hopfner.dk, T. +45 33 17 94 94, M. +45 20 46 16 22

SJAKKET
PROGRAMME Sportshall og shared facilities
SERVICE Architecture, design and construction
COLLABORATORS Jds, Birch & Krogboe
SIZE 2,000 m²
COST € 2.7m
LOCATION Copenhagen, Denmark
STATUS Completed 2007
PRIZES 2. prize for Best Interior in Education Building | Contract World
CLIENT Real Dania, LOA Foundation, Sjakket Youth House, Egmont Fondation
CLIENT CONTACT INFO Hans Peter Svendler, CEO of Real Dania
E. hps@realdania.dk, T. +45 32 88 52 10, M. +45 29 69 52 10

HELSEINGØR PSYCHIATRIC HOSPITAL
PROGRAMME Psychiatric hospital
SERVICE Architecture, design and construction
COLLABORATORS Jds, Ncc, Moe & Brødsgaard
SIZE 6,000 m²
COST € 6.8m
LOCATION Helsingeør, Denmark
STATUS Completed 2006
CLIENT Helsingør Municipality, Helsingeør Hospital
CLIENT CONTACT INFO Peter Treufeldt, Doctor in charge of Psychiatric Hospital
E. petr@noh.regionh.dk, T. +45 48 29 33 01, M. +45 25 46 19 11
SUPERKILEN
PROGRAMME Urban space
SERVICE Urban space design, masterplan and construction
COLLABORATORS Help Pr & Kommunikation, Topotek 1, Superflex
SIZE 4.3 ha
COST Not estimated
LOCATION Copenhagen, Denmark
STATUS Completion 2012
CLIENT Copenhagen Municipality, Real Dania

MARITIME MUSEUM
PROGRAMME Maritime Museum
SERVICE Architecture, design
COLLABORATORS Ramboll, Freddy Madsen
SIZE 6,500 m²
COST € 30 Million
LOCATION Helsingør, Denmark
STATUS Competition 1st Prize, under construction, completion 2013
CLIENT Maritime Museum Foundation

WEST 57TH STREET
PROGRAMME Residential
SERVICE Architecture, design & Construction
COLLABORATORS SLCE Architects, Starr Whitehouse, Thornton Tomasetti, Dagher Engineering Langan Engineering, Hunter Roberts, Philip Habib & Assoc., Israel Berger & Assoc., Nancy Packes Van Deusen & Assoc., Cerami & Assoc., CPP, AKRF, German Giessner
SIZE 80,000 m²
LOCATION Manhattan, New York City
STATUS Ongoing
CLIENT Durst Fetner Residential

EDUCATION CENTRE IN MARKNAGIL
PROGRAMME 3 Schools
SERVICE Architecture, design and construction
COLLABORATORS Fuglark, Lemming & Eriksson, Samal Johannesen
SIZE 19,200 m²
COST Not estimated
LOCATION Marknagil, Faroe Islands
STATUS Completion 2012
CLIENT Mentamalaradid (Ministry of Culture) / Landsverk

SHENZHEN ENERGY MANSION
PROGRAMME Company headquarter and office
SERVICE Architecture, design and construction
COLLABORATOR Arup, Transsolar
SIZE 96,000 m²
COST Not estimated
LOCATION Shenzhen, China
STATUS Completion 2011
PRIZES 1. prize in competition
CLIENT Shenzhen Energy Company
REFERENCES
Selected list of references

VM HOUSES

PROGRAMME 230 Apartments, kindergarten, office
SERVICE Architecture, design and construction
COLLABORATORS jds, Moe & Brødsgaard
SIZE 25,000 m²
COST € 28.5m
LOCATION Copenhagen, Denmark
STATUS Completed 2005
PRIZE Forum Award, Mies Van Der Rohe honourable mention, Copenhagen Municipality Award for Best Building 2005
CLIENT Høpfner, Danish Oil Company

YONGSAN INTERNATIONAL BUSINESS DISTRICT

PROGRAMME Commericial and cultural center, 627 residential units, library, gallery
SERVICE Architecture, design and construction
COLLABORATORS Arup Dublin, Arup Amsterdam, Martha Schwarz Partners
SIZE 96,534 m²
Tower 1: 214m / 52 Floors ; Tower 2: 204m / 48 Floors ; Site: 21,000 m2 ; Units: 627
COST Not estimated
LOCATION Seoul, South Korea
STATUS In progress
CLIENT Dreamhub

TEK BUILDING

PROGRAMME Shops, offices, hotel, exhibition spaces, restaurants
SERVICE Architecture, design
COLLABORATORS Realities United, Arup
SIZE 43,000 m²
COST Not estimated
LOCATION Taipei, Taiwan
STATUS Competition entry 2009
CLIENT Taiwan Land Development Corporation

WORLD VILLAGE OF WOMEN’S SPORTS

PROGRAMME Sports and educational facilities
SERVICE Architecture, design and construction
COLLABORATORS AKT II, Tyrens, Transsolar
SIZE 100,000 m²
COST Not estimated
LOCATION Malmo, Sweden
STATUS In progress
PRIZES Competition 1st prize 2008
CLIENT H-Hagen Fastighets AB

PARIS PARC

PROGRAMME Multidisciplinary research center
SERVICE Architecture, design and construction
COLLABORATORS OFF Architects, BURO Happold, Michel Forgue, IGREC Ingénierie, Franck Boutté
SIZE 15,000 m²
COST Not estimated
LOCATION Paris, France
STATUS In progress
PRIZES Competition 1st prize 2011
CLIENT UPMC University
**MÉCA – MAISON DE L’ÉCONOMIE CRÉATIVE ET DE LA CULTURE EN AQUITAINE**

**PROGRAMME** Culture Centre  
**SERVICE** Architecture, design  
**COLLABORATORS** FREAKS freearchitects  
**SIZE** 12,350 m²  
**COST** €28 million  
**LOCATION** Bordeaux, FR  
**STATUS** 1st prize in competition  
**CLIENT** Conseil Régional d’Aquitaine

---

**TALLINN TOWN HALL**

**PROGRAMME** Office  
**SERVICE** Architecture, design and construction  
**COLLABORATORS** AKT, Grontmij Carl Bro, Rambøll, Allianss  
**SIZE** 28,000 m²  
**COST** Not estimated  
**LOCATION** Tallinn, Estonia  
**STATUS** Completion 2013  
**PRIZES** 1st prize in competition  
**CLIENT** Tallinn Planning Office, the City of Tallinn

---

**GREENLAND NATIONAL GALLERY**

**PROGRAMME** Gallery  
**SERVICE** Architecture, design and construction  
**COLLABORATORS** TNT Nuuk, Arkitekti Inge Bisgaard, Rambøll UK, Rambøll Nuuk  
**SIZE** 3,000 m²  
**COST** Not estimated  
**LOCATION** Nuuk, Greenland  
**STATUS** 1st prize in competition  
**CLIENT** Nunatta Eqqumiitsulianik, Saqqummersitsivia

---

**KIMBALL ART CENTER**

**PROGRAMME** Culture Centre  
**SERVICE** Architecture, design  
**COLLABORATORS** Nexus Architects  
**SIZE** 2,800 m²  
**LOCATION** Park City, Utah  
**STATUS** Ongoing  
**CLIENT** Kimball Art Center

---

**AMAGERFORBRÆJDINGEN**

**PROGRAMME** Waste to Energy Plant and Ski Centre  
**SERVICE** Architecture, design and construction  
**COLLABORATORS** Realities United, AKT, Topotek/Man Made Land, FRONT  
**SIZE** 95,000 m²  
**COST** Not estimated  
**LOCATION** Copenhagen, Denmark  
**STATUS** 1st prize in competition  
**CLIENT** Amagerforbrændingen
Can you imagine cycling up to your penthouse loft?

8 House is where you will find an attention to detail embedded in a larger context. Here, closeness thrives in the 60,000 m² building; the tranquillity of suburban life goes hand in hand with the energy of a big city and business and housing co-exist. The building’s housing program offers three kinds of accommodation: apartments of varied sizes, penthouses and townhouses. The different housing typologies are united by the exterior dimensions, which provide inspiration for adventure and exploration. BIG designed 8 House as a long, coherent building with variation in height, the bow-shaped building creates two distinct spaces, separated by the centre of the bow which hosts the communal facilities. Beneath this space a 9m wide passage connects the two surrounding city spaces: the park area to the West and the channel area to the East. The various functions have been spread out horizontally. The apartments are placed at the top while the commercial is located at the base of the building. As a result, the different horizontal layers have achieved a quality of their own: the apartments benefit from the view, sunlight and fresh air, while the office leases merge with life on the street.
How do you combine the splendours of the suburban backyard with the social intensity of urban density?

The Mountain is the 2nd generation of the VM Houses - same client, same size, and same street. The program, however, is 2/3 parking and 1/3 living. What if the parking area became the foundation of the homes - like a concrete hillside covered by a thin layer of housing, cascading from the 1st to the 11th floor? Rather than doing two separate buildings next to each other - a parking block and a housing block - we decided to merge the two functions into a symbiotic relationship.

The parking area needs to be connected to the street and the homes require sunlight, fresh air and a view. Thus all apartments have roof gardens facing the sun, amazing views and street parking on the 10th floor. The Mountain appears as a suburban neighborhood of garden homes flowing over a 10-storey building - suburban living with urban density.
REFERENCES
VM Houses

The VM Houses, shaped like a V and an M when seen from Google Earth, are the first residential projects to be built in the new district of Copenhagen known as Ørestaden. Through a series of transformations the block is opened up, and twisted and turned to ensure maximum views of the surrounding landscapes and suburbs, as well as eliminate the vis-a-vis between the blocks. The V house is conceived as a balcony condo, the M-house as an Unite d’habitation version 2.0. But where Le Corbusier designed narrow flats surrounding hundreds of meters of dead end corridors, the zigzagging of the M-house ensures that all corridors have views and daylight in both directions. These openings transform the circulation into an attractive social space. For the south façade facing the park we designed a new type of balcony - a wedge shaped plane that combines minimum shade with maximum cantilever. On a warm summer afternoon, the wall of balconies form a vertical backyard community, creating connections to neighbours in a vertical radius of 10m. As a result of the zigzagging, stepping, sloping, intricate circulation and multilevel apartments, the VM houses are populated by a swarm of different apartments. Out of 225 units there are more than 80 unique types. The many multilevel apartment types interlock in complex compositions on the façade, transforming the exterior of the VM houses in to a three dimensional game of tetris.
REFERENCES
XPO - Expo Pavilion

PROJECT
Danish Pavilion, World Expo 2010

CLIENT
EBST

COLLABORATORS
2+1, Arup AGU, Arup Shanghai, Tongji Design Institute, Ai Wei Wei, Jeppe Hein, Martin De Thurah, Peter Funch

BUDGET
$ 10 million
€ 7.8 million
RMB 65 million

SIZE
3,000 M2

LOCATION
Shanghai, CN

STATUS
Completed 2010
Competition 1st Prize
Best Exterior, Exhibitor Magazine Awards
Special Prize for Steel, Detail Award

How do we transplant a piece of Copenhagen in Shanghai?

The Danish Pavilion should exhibit Danish virtues and through interaction give the visitor an experience of some of the best attractions in Copenhagen - the city bike, the harbor bath, the nature playground and an ecological picnic. The bike is a vernacular means of transportation and a national symbol common to Denmark and China. However, in recent years it has had a very different fate in the two countries. While Copenhagen is striving to become the world’s leading bike city, heavy motor traffic is rising in Shanghai, where the car has become a symbol of wealth. With the pavilion, we relaunch the bike in Shanghai as a symbol of modern lifestyle and sustainable urban development. The pavilion’s 1500 city bikes are offered for general use to the visitors during EXPO 2010. In the heart of the pavilion lies a harbor bath, which is filled up with seawater from the Copenhagen harbor. The visitors can swim in the bath experience Copenhagen’s clean harbor water first-hand. The Little Mermaid will be transported to Shanghai to sit in the waterline of the pavilion’s harbor bath exactly as she is in Copenhagen harbor. While the Mermaid is in Shanghai, her place in Copenhagen will be taken by three leading Chinese artists’ interpretation of the sculpture - one for each month. The absence of the Mermaid will increase her value as a tourist attraction for the Danes and while she is away, it will be possible to follow her life in Shanghai through a live-broadcast.
How do we introduce an entirely new residential typology to New York City that will add an inviting twist to the Manhattan Skyline?

BIG’s inaugural project in NYC is a hybrid between the European perimeter block and a traditional Manhattan high-rise. West 57th has a unique shape, which combines the advantages of both: the compactness and efficiency of a courtyard building providing density, a sense of intimacy and security, with the airiness and the expansive views of a skyscraper. By keeping three corners of the block low and lifting the north-east corner up towards its 467 ft peak, the courtyard opens views towards the Hudson River, bringing low western sun deep into the block and graciously preserving the adjacent Helena Tower’s views of the river. The form of the building shifts depending on the viewer’s vantage point. While appearing like a pyramid from the West-Side-Highway, it turns into a dramatic glass spire from West 58th Street. The courtyard, which is inspired by the classic Copenhagen urban oasis, can be seen from the street and serves to extend the adjacent greeneries of the Hudson River Park into the West 57th development. The slope of the building allows for a transition in scale between the low-rise structures to the south and the high-rise residential towers to the north and west of the site. The highly visible sloping roof consists of a simple ruled surface perforated by terraces—each one unique and south-facing. The fishbone pattern of the walls are also reflected in its elevations. Every apartment gets a bay window to amplify the benefits of the generous view and balconies, which encourage interaction between residents and passers-by.
How can you create a sustainable and recreational development for a whole region?

The industrial areas in the Copenhagen suburbs are next in line for urban development. A new, light-rail is planned to interconnect 20 development zones with a total area of 11 Km2, the size of Copenhagen’s entire inner city. We are proposing to turn the light rail line into a spine of dense urbanity with a series of peaks at each station. By combining the rail with strategies for energy exchange, waste management, water treatment and electric car stations, the infrastructure would become the base for a new sustainable ring of development around Copenhagen, and an artery of true urbanity, pumping life into the heart of the suburbs. At certain points the rail becomes a building itself almost like a Roman aqueduct passing through the suburbs, at other points it forms small pockets of urbanity around the stations. We propose to upgrade the planned light rail by extending it to form a regional ring around Øresund connecting similar development areas and creating a new 50 year development perspective for a cross border region between Sweden and Denmark. Where the Finger Plan from 1947 was about connectivity from suburb to center the Loop City is linking a string of highly differentiated urban nodes, universities and working spaces in a center-less metropolitan region around a blue void. This ring, comparable in size to the San Francisco Bay area, has enough development areas to contain the growth of the region during the next 50 years, and could become a model for a both sustainable, dense and super recreational development of the region.
Does saving the planet have to be less fun?

The waste to energy plant, Amagerforbrændingen, is located in an industrial area that throughout the years has turned into an extreme sport destination for thrill seekers. Different extreme sports activities take place in the raw industrial facilities. The Amagerforbrændingen is the most significant landmark in the area and the building is in need of renewal. We propose a new breed of waste-to-energy plant, one that is economically, environmentally, and socially profitable. Instead of considering Amagerforbrændingen as an isolated object, we mobilize the architecture and intensify the relationship between the building and the city – expanding the existing activities in the area by turning the roof of the new Amagerforbrænding into a ski slope for the citizens of Copenhagen.

The new plant establishes Amagerforbrænding as an innovator on an urban scale, redefining the relationship between the waste plant and the city. It will be both iconic and integrated, a destination in itself, and a reflection on the progressive vision of the company.
How do you put Stockholm on the world map and create a unique landmark that is more than a visual icon?

The planned Hjulsta Intersection 15 km north of Stockholm where two European highways bypasses converge into a three level intersection, amounts to the largest infrastructure project in Sweden. The highways create physical and visual barriers between the surrounding neighborhoods and divide the area into four parts.

Our proposal, the Energy Valley, re-connects these in an un-hierarchical and democratic way through a continuous circular bike and pedestrian loop aligned with public buildings and functions, including a shopping- and sports centre, a hammam and a mosque which will attract visitors from Stockholm and its suburbs. By introducing natural environments of differing characters within the loop, the Energy Valley turns into a pie shaped park of pine-and oak forests, wetlands, grass lawns and hilly terrain creating the journey along the loop a multifaceted experience for cyclists and pedestrians. In Hjulsta new buildings and facades are embedded in the existing structure and new residential typologies have been added to include greater housing varieties. In order to mark the visitor’s entrance to Stockholm we have designed an illuminating floating sphere that reflects the surrounding. This icon is constantly updated and constantly in motion. 30% of the floating sphere’s surface, which turns towards the sun, has solar cells that can produce enough energy to heat the air inside in order to keep the suspense and at the same time provide enough energy for 235 single-family household.
Is it possible for Slussen to be a centerpoint of traffic and at the same time an urban leisure zone?

Slussen is the central traffic node of Stockholm connecting the historical Gammla Stan with Södertälje to its south. A historical center point for the development of Stockholm. It connects Stockholm with its roadways, bus terminal, metro, railway, ferry terminals, and pedestrian paths. Today however the existing structure is about to collapse.

Its public space, is surrounded by traffic, which is making the waterfront inaccessible for the people of Stockholm. We suggest an inversion - why not do the opposite - let the public space surround the traffic - providing easy access for the pedestrians and bikers. It is possible to regain the waterfront, by moving the public program towards the most attractive place, and integrating the heavy traffic under the cover of a public level.
How to combine a dense city with an open landscape?

Europa City will offer, on an unprecedented scale, a mix of retail, culture and leisure around a defining theme: Europe, its diversity, its urban experiences and its cultures. Rather than orienting Europa City towards the highway, we propose to integrate it as the natural center of a new business district. We propose an urban form that combines dense city with open landscape, exploring the urban and green potentials of the site at once. We propose a commercial city that becomes a gathering point for the surrounding neighborhoods– a new kind of commercial center that is blended into the urban texture, and includes rather than excludes the surrounding city.

The programs of Europa City are organized along an internal boulevard with a mix of retail, entertainment and cultural programs on both sides. The boulevard forms a continuous loop travelling through six different areas themed as the various regions of Europe. The central boulevard becomes the Rambla, the Regent Street and the Champs-Élysées of Europa city. Along the boulevard, public bicycles and electric public transport bring visitors quickly around. The circular street creates at the same time surprising spatial experiences and a clear overview - It allows you to get lost, and still find your way.
THE RED LINE
In the urban context of Tampere city centre the Ratinanniemi peninsula is located as an important link between built and nature – the Tampere City Centre and green area of Eteläpuisto Park. The role as a natural transition area holds a great urban potential as a lively and active part of the city – a potential the area today is not taking full advantage of. Our proposal aims for improving this urban condition...

THREE DISTINCT ARCHITECTURES – ONE URBAN LINK
We propose to develop the future area of Ratinanniemi targeting the areas existing qualities and potentials. The competition site is naturally divided into three distinct areas with unique characters. Each area is planned with site specific architecture embracing the different qualities and creating a new strong identity for the area as a whole plus maximising the phasing flexibility. The three areas are linked together by a new public boardwalk creating a natural public flow connecting the three zones and creating a natural link to the Eteläpuisto Park.
How do we develop a flexible building system of wood that can compete with the efficiency of concrete?

When asked to design a building system for the housing market in Finland and its major export countries, the point of direction was to design an innovative system that can fit in any built environment for any type of use. We propose a roadmap for wooden construction to reach the same efficiency as today’s concrete elements without repeating the mistakes of the concrete industry.

Rather than developing a system based on market studies or dubious forecasts, we wanted to make a system so flexible it can embrace as many building typologies and functionalities as possible. At the same time the system should be sustainable both in its construction and consumption, while being competitive with existing building systems, mainly of concrete elements.

The system respects the ever increasing key drivers for sustainability while being competitive and applicable to functional needs, markets, building codes, and energy demands. The main load bearing parts are 100% wood; all other parts are made from wood when possible and implemented when the given technology is available and affordable.
Substantial scientific evidence proves that unspoiled contact to nature increases happiness and improves quality of life. The typical suburban mix of green areas and built space, landscape and architecture is the built condition today which is testament to this human need. The idea of living in “the green city” with close contact to forests and lakes is preferred by many. Farum has the potential of offering this...

We propose to create a new building structure with organically shaped streets connecting to the surrounding context. The streetscape creates a series of new plots, all varying in size and shape. A small central plaza defines a new public epicenter with space for informal social activities. Through a specific selection of trees each street is planned with unique green identities – one street, one type of tree. The building facades refer, through the selection of corten steel, to the existing modernistic housing area Farum Midpoint. The south facing pitched roofs are angled at 38 degrees; the optimal sun angle for photovoltaic panels, “green roofs rethought”.

How do you create a hedonistic sustainable suburban area?
How do you recreate city life, cultural experience and vibrancy in an area containing one of the most recognized icons of US?

The Jefferson Memorial Park and the Great Arch of St Louis already has its landmark by a modern master. No need for a Guggenheim Bilbao or more masterpieces. What we want to contribute is new connectivity and activity at human eye height. As such, we propose a double expansion of city, river and park that will create zones of double programming, hybrid activities and most importantly increased interaction between programs and people.

On one hand we wish to expand the park out to reach the city and the river on all four sides - converting the “no mans land” that currently outlines the park into active space for public life that seamlessly extends the park all the way to the city’s or water’s edge. In reverse we propose to expand the urban activities and public programs all the way into the park, creating a blurred transition from urbanity to landscape, from paved to vegetal.

We propose to extend the city and park into 5 zones of overlapping activity; the magic carpet; the arch museum; the confluence pavilion; the sunken village; the floating river – extending both urban space and public park. Depending on the vantage points these doubly programmed surfaces will appear as sloping hills or green archipelagos as well as inviting facilities for cultural or social exchange.
Bjarke Ingels started BIG Bjarke Ingels Group in 2005 after co-founding PLOT Architects in 2001 and working at OMA in Rotterdam. Through a series of award-winning design projects and buildings, Bjarke has developed a reputation for designing buildings that are as programmatically and technically innovative as they are cost and resource conscious. Bjarke has received numerous awards and honors, including the Danish Crown Prince’s Culture Prize in 2011, the Golden Lion at the Venice Biennale in 2004, and the ULI Award for Excellence in 2009. In 2011, the Wall Street Journal awarded Bjarke the Architectural Innovator of the Year Award. In 2012, the American Institute of Architects granted the 8 House its Honor Award, calling it “a complex and exemplary project of a new typology.” Alongside his architectural practice, Bjarke taught at Harvard University, Yale University, Columbia University, and Rice University and is an honorary professor at the Royal Academy of Arts, School of Architecture in Copenhagen. He is a frequent public speaker and has spoken in venues such as TED, WIRED, AMCHAM, 10 Downing Street, and the World Economic Forum.

Languages

Danish, English & Spanish

Selected Experience

BIG  Bjarke Ingels Group I Founded in 2006 I DK & USA
PLOT  Co-founded in 2001-2005 I DK
WS7  West 57th Street I 80,000 m2 I Completion 2015 I USA
AMF  Waste-to-energy plant I 95,000 m2 I Completion 2015 I DK
CSW  Chicago Southworks Masterplan I 100 ha I USA
STP  Stockholm City Gate I 58 ha I 1st Prize I SE
NUUK  Greenland National Gallery I 3,000 m2 I 1st Prize I GL
E2  Ecology & Economy I 15,000 m2 I 1st Prize I FI
LOOP  Loop City Vision I 11,000 km2 I DK & SE
FAER  Education Center in Marknagil I 19,200 m2 I Completed 2015 I FO
WVVWS  World Village of Women’s Sport I 100,000 m2 I 1st Prize I SE
SEM  Shenzhen International Energy Mansion I 96,000 m2 I 1st Prize I CN
ANL  Astana National Library I 45,000 m2 I Completion 2011 I KZ
TAT  Tallinn Town Hall I 28,000 m2 I 1st Prize I EE
TAM  Tamayo Cultural Center I 2,300 m2 I 1st Prize I Completion 2010 I MX
KAUF  Kaufhauskanal I Mixed-use plan in Hamburg I 33,000 m2 I 1st Prize I DE
XPO  EXPO 2010 Danish Pavilion I 3,000 m2 I 1st Prize I Completion 2010 I CN
SDF  Danish Maritime Museum I 5,000 m2 I 1st Prize I Completion 2011 I DK
8  8 House I Mixed-use housing I 62,000 m2 I Completion 2010 I DK
ZIRA  Zira Zero Island I 1,000,000 m2 I Baku I AZ
SUK  Superkilen Masterplan I 4.3 ha I 1st Prize I Completion 2010 I DK
MTN  The Mountain, Housing & Parking I 33,000 m2 I Completion 2008 I DK
SJA  Sjakket Youth Centre I 12,000 m2 I Completion 2007 I DK
PSY  Helsinger Psychiatric Hospital I 6,000 m2 I Completion 2006 I DK
VM  VM Houses I 25,000 m2 I Completion 2005 I DK
MAR  Maritime Youth House I 2,000 m2 I 1st Prize I Completion 2004 I DK
BAD  Copenhagen Harbor Bath I 2,500 m2 I 1st Prize I Completion 2003 I DK
BKI  National Bank of Iceland I 33,000 m2 I 1st Prize I IS
ODA  Odense Water Culture House I 5,000 m2 I DK
BAT  The Battery, Mosque & Mixed Use I 124,000 m2 I DK
STA  Stavanger Concert house I 22,000 m2 I NO
WIB  Wing Residences I 19,600 m2 I DK
Affiliations

- Member of Americas Business Council Foundation Fellows
- Member of the Jury of Europian 8 Norway and Cyprus
- Member of the Danish Cultural Ministry Educational Council
- Member of Arkitektens Forlags Editorial Committee
- Member of the Henning Larsen Prize Committee
- Member of Copenhagen X Architectural Council

Academic

- Visiting Professor at Yale University I 2012 I New Haven, US
- Honorary Professor at The Royal Academy of Arts I 2011 I Copenhagen, DK
- Visiting Professor at Harvard University I Joint Studio with HBS & GSD I 2010 I Cambridge, US
- Visiting Professor at Columbia University GSAPP I 2009 I New York, US
- Visiting Professor at Harvard University GSD I 2007 I Cambridge, US
- Visiting Professor at Rice University I 2005 I Houston, US
- Visiting Professor at The Royal Academy of Arts I 2001 I Copenhagen, DK

Education

- The Royal Academy of Arts, School of Architecture I Graduation 1999 I DK
- ETSAB I School of Architecture of Barcelona I ES

Awards

- Architectural Innovator of the Year Award I Wall Street Journal I 2011
- World Architecture Festival I Housing Award Winner I 8 House I 2011
- Prize of Honor I The Dreyer Foundation Grant I 2011
- Crown Prince Culture Prize I Danish Culture fund I 2011
- Prix Delarue Award I French Academy of Architecture I 2011
- Utzon-Statuette I The Mountain I 2011
- Scandinavian Green Roof Award I 8 House I 2010
- The State Art Fund Working Scholarship I 2010
- ULI Award for Excellence I The Mountain I 2009
- Nominated at Mies Van Der Rohe 2009 I The Mountain I EU
- MIPIM I Residential Development Award 2009 I The Mountain
- Forum Award I Best Nordic Architecture 2009 I The Mountain
- World Architecture Festival 2008 I Housing Award Winner I The Mountain
- Wood Award 2008 I Maritime Youth House & The Mountain
- International Architecture Awards I Best New Global Design I Scala I 2008
- Contract World I Best Education Interior I Sjakket Youth Centre I 2008
- Mies Van Der Rohe Award 2007 I Special Mention I VM Houses
- IOC Award I Honorable Mention I Copenhagen Harbour Bath I 2007
- Forum Award 2005 I Best Scandinavian Building I VM Houses
- His Royal Highness Prince Henrik of Denmark’s Scholarship I 2005
- The Royal Academy of Arts Eckersberg’s Medal I 2005 I DK
- Mies Van Der Rohe Award 2005 I Special Mention I Maritime Youth House
- Copenhagen Award for Architecture I Maritime Youth House I 2004
- AR+D Award I Architectural Review I RIBA London I Maritime Youth House I 2004
- Venice Bienale Golden Lion I Stavanger Concert Hall I 2004
- Copenhagen Collaboration Award I 2004
- European Prize for Urban Public Space I Copenhagen Harbour Bath I 2004
- Young Architect of the Year Award I 2nd Prize I 2004
- Scanorama Design Award I 2004
- Nykredit’s Architecture Prize I 2002
- Young Architect of the Year Award I 2nd Prize I 2002
- Henning Larsen’s Prize I 2001
- The State Art Fund Scholarship I 2001
Biography

Andreas Klok Pedersen is Partner and Design Director of BIG Copenhagen. He is partner-in-charge of a number of BIG’s competitions, master plans and large-scale projects in Europe and Asia. Most recently, Andreas has led the prize-winning competitions for the PARC research center in Paris, Basel Transitlager, Greenland National Gallery of Art and the Shenzhen Energy Mansion as well as the ongoing regional planning project the Loop City. His projects also count the Urban Future Award research project for Audi, the carbon neutral Zira Island in Azerbaijan, Tamayo Museum, Ren People’s Building, Lego Towers, Klovermark, Scala Library, Arlanda Hotel and BIG’s contribution to the Venice Biennale in 2004 and 2010. In addition to managing competitions and concept development at BIG, Andreas runs an Architecture studio at the Royal Danish Academy of Fine Arts in Copenhagen and lectures internationally on BIG’s current research and projects. Andreas is Guest-Professor at the AHO School of Architecture in Oslo Norway in the fall 2011.

Languages

Danish  |  English

Affiliations

MAA  |  Danish Architecture Association
Honorary Member of Czech Architects Association | Since 2009

Education

Aarhus School of Architecture | Masters of Architecture | DK

Selected Lectures

Speaker at Tedx NHH 2010 | Bergen | NO
University of Houston 2010 | Houston | US
Speaker at XIV International Congress of Architecture 2009 | Monterrey | MX
Jury member in the Czech Grand Prix of Architecture 2009 | Prague | CZ
Archiprix International 2009 exhibition and Award Ceremony | Montevideo | UR
1st Architecture Biennale Moscow 2008 | Moscow | RU
Arquitectura Congress 2008 | Mexico City | MX
École d’architecture de l’Université Laval 2008 | Québec | CA
Speaker at Arch Moscow 2007 | Moscow | RU

Selected projects

BIG  |  Bjarke Ingels Group | Since 2004 | DK
PARC  |  Paris Parc Research Center | 15,000 m2 | FR
MIA  |  AUDI Design Miami | 190m2 | US
NUUK  |  Greenland National Gallery | 3,000 m2 | 1st Prize | Nuuk | GL
LOOP  |  Loop City | Urban Vision | 1100 HA | DK6SE
AUDI  |  AUDI Urban Future Award | 2010 | DE
SEM  |  Shenzhen International Energy Mansion | 96,000 m2 | Completion 2012 | CN
TAM  |  Tamayo Cultural Centre | 3,500 m2 | 1st Prize | MX
ZIRA  |  Zira Zero Island | 1,000,000 m2 | Baku | AZ
ARL  |  Hotel and Conference Centre, Arlanda Airport | 25,000 m2 | SE
SCA  |  Scala Tower including Library & Hotel | 40,000 m2 | DK

Juries

Europian 11 Denmark | Head of Jury
International Architectural Competition Urban landscaping | Head of Jury | Kyiv | Euro2012
Czech Republic Nation Prize of Architecture | 2009 | Jury Member

Awards

Berlingske Nyhedsmagasin TOP100 Business Talent of the Year 2011
Cityscape Award 2009 | Finalist | Zira Zero Island
International Architecture Awards | Best New Global Design | Scala | 2008
EUROPAN 8 | Honourable Mention | “Urban Atrium”
Traditionens Potentialer | 2nd Prize | Thesis Project “The Human Metropolis”
Biography

David Zahle is a Partner at BIG and the Project and Design Architect responsible for many of BIG’s award winning projects. His collaboration with Bjarke Ingels began in 2002 with the VM Residences - which he ended up calling home with his family. During the same year David won the Helsingør Psychiatric Hospital and subsequently followed it through to completion in 2006. He also lead the design of the Stavanger Concert House, which was awarded the Golden Lion at the Venice Biennale 2004 for the world’s best concert house, the Magnakil Education Centre in the Faroe Islands and the Danish Maritime Museum from its concept stage in 2007 to completion in 2012. Recently David has overseen the design of many prominent projects including a new art gallery and sculpture park in Norway, the Quingdao Science Museum, the Experimentarium competition in Copenhagen and the prize winning Amagerforbrænding; Copenhagen’s new Waste-to-Energy Plant with an innovative roof doubling as a ski slope. In addition to his design success, David has lectured on BIG’s works throughout Europe and taught throughout Scandinavia.

Languages

Danish  I  English  I  Swedish

Affiliations

Ministry of Culture’s Architectural Jury Committee

MDB  I  Construction Economist

CEEC  I  Construction Economies European Committee

MAA  I  Danish Architecture Association

Education

The Danish School of Construction Economics I Copenhagen I DK
The Royal Academy of Arts I School of Architecture I Masters of Arch. I Copenhagen I DK
IT University of Copenhagen I DK
University of Copenhagen I Computer Science and Philosophy I DK
Indiana University I Bloomington I USA

Selected Experience

BIG  Bjarke Ingels Group  I  Since 2002 I DK
QIN  Quingdao Science Museum I 40.000m2 I CN
AMF  Amagerforbrænding I 95.000m2 I Completion 2016 I DK
EXP  Experimentarium I 22.000 m2 I DK
MIDP  Middelfart Psychiatric Hospital I 7.900 m2 I DK
SØF  Danish Maritime Museum I 5.000 m2 I 1st Prize I Completion 2011 I DK
WIB  Wings Residences I 19.600 m2 I DK
PSY  Helsingør Psychiatric Hospital I 6.000 m2 I Completion 2006 I DK
VM  VM Houses I 25.000 m2 I 2005 Forum Award I Completion 2005 I DK
WAR  Warsaw Museum of Modern Art I 15.000 m2 I PL
HOA  Holstebro Handball Arena I 20.000 m2 I DK
STA  Stavanger Concert Hall I 22.000 m2 I Venice Biennale Golden Lion I NO
NYC  Urban Periscope I 4.000 m2 I USA
MØN  Men Museum of Geology I 3.000 m2 I DK
AIR  CPH Airport I Terminal 3 Interior design I 2.000 m2 I DK

KHR A/S Architects I 1999-2000 I DK
Henning Larsen Architects I 1998-1999 I DK

Awards

Mies Van Der Rohe 2007 I Special Mention I VM Houses
Forum Award I Best Scandinavian Building 2005 I VM Houses
Venice Biennale Golden Lion 2004 I Stavanger Concert Hall I IT
Icopal I 1st Prize I 2003 I DK
Århus Rooftop Residences I 3rd Prize I 2000 I DK
Biography

Finn Nørkjær is a Partner at BIG and has collaborated with Bjarke Ingels since he won the competition on his very first project for the Aquatic Centre in 2001. Finn was instrumental in translating Bjarke’s visionary architecture into projects which could be built by bringing his extensive experience to the table. Finn has worked extensively on most of BIG’s built projects including the multi-award winning VM Houses, the Danish Pavilion for the 2010 Shanghai Expo which was awarded the prestigious Detail Steel Award, the Mountain residences and the 8 House, both of which are the recipients of the World Architecture Festival Award in the housing category. Only with his thorough attention to detail and ability to work within the given budget were these breakthrough projects able to see the light of day. Currently Finn is working on a 20,000m² Education Centre in MagnakII on the Faroe Islands.

Languages

Danish I English I German

Affiliations

MAA I Danish Architecture Association
MDB I Construction Economist

Education

Aarhus School of Architecture I Masters of Architecture I DK
Visiting Professor at the School of Architecture in Aarhus and Copenhagen I DK

Selected Experience

BIG I Bjarke Ingels Group I Since 2001 I DK
FAÆR I Magnakil Education Centre I 20,000 m² I Completion 2012 I FO
8 I 8 House, Mixed Use I 62,000 m² I Completion 2011 I DK
XPO I Expo 2010 Danish Pavilion I 3,000 m² I Completion 2010 I CN
MTN I The Mountain I 33,000 m² I Completion 2008 I DK
PSY I Helsinger Psychiatric Hospital I 6,000 m² I Completion 2006 I DK
ODA I Odense Aqua Center I 5,000 m² I DK
VM I VM Houses I 25,000 m² I 2005 Forum Award I Completion 2005 I DK
MAR I Maritime Youth House I 2,000 m² I Completion 2004 I DK
BAD I Islands Brygge Harbor Bath I 2,500 m² I Completion 2003 I DK
BBB I Better Affordable Housing I 5,000 m² I DK
MØN I Geology Museum and Visitors Centre I 3,000 m² I DK
MAG I High Square I 3,000 m² I 1st Prize I DK
KTK I Royal Danish Theatre I 18,000 m² I DK
BCH I Rehabilitations Centre in Charlottenlund I DK

Awards

2012 AIA Institute Honor Award for Architecture I 8 House
World Architecture Festival 2011 I Housing Award Winner I 8 House
Detail Award 2011 I Special Prize for Steel I Expo 2010 Danish Pavilion
ULI Award for Excellence 2009 I The Mountain I Europe, Middle-East & Africa
Nominated at Mies Van Der Rohe 2009 I The Mountain
MIPIM I Residential Development Award 2009 I The Mountain
Forum Award I Best Nordic Architecture 2009 I The Mountain
World Architecture Festival 2008 I Housing Award Winner I The Mountain
Wood Award 2008 I Maritime Youth House & The Mountain
Mies Van Der Rohe Award 2007 I Special Mention I VM Houses
IODC Award I Honorable Mention I Copenhagen Harbour Bath I 2007
Forum Award 2005 I Best Scandinavian Building I VM Houses
His Royal Highness Prince Henrik of Denmark’s Scholarship I 2005
Mies Van Der Rohe Award 2005 I Special Mention I Maritime Youth House
Copenhagen Award for Architecture I Maritime Youth House I 2004
AR+D Award I Architectural Review I RIBA London I Maritime Youth House I 2004
Biography

Jakob Lange is a Partner at BIG and has collaborated with Bjarke Ingels since 2003. As a Project Leader for several prize and award winning projects, Jakob has been instrumental in several of BIG’s largest commissions. He led the design and development of the innovative and multi-award winning Mountain residences completed in 2008 and served as the Project Leader for the new Tallinn Town Hall in Estonia, which received a Mipim Future Award 2011 and will be completed in 2016. Most recently Jakob lead the winning design team for the Koutalaki Ski Village in Finland and the Stockholm City Gate in Sweden. He is currently the design partner in charge of Kullen, a 20,000m2 luxury green condominium commissioned by Oscar Properties in Stockholm, Sweden. Jakob also manages BIG’s relationship with sister company and award-winning product designers KIBISI.

Languages

Danish I English

Affiliations

MAA I Danish Architecture Association

Education

The Royal Academy of Arts I School of Architecture I Masters of Arch. I Copenhagen I DK

Selected Experience

BIG  Bjarke Ingels Group I Since 2003 I DK
LAP  Koutalaki Ski Village I 56,000 m2 I 1st Prize I FI
STP  Stockholm City Gate I 58 Ha I 1st Prize I SE
ST7  Kullen I 20,000 m2 I SE
AMF  Amager Waste To Energy Plant I 95,000m2 I 1st Prize I DK
HUA  Hualien Beach Resort Masterplan I 500,000m2 I TW
FAE  Faroe Islands Education Centre I 19,300m2 I FO
GATE  Taiwan Gate I 61,000 m2 I 1st Prize I TW
TAT  Tallinn Town Hall I 28,000 m2 I 1st Prize I EE
MTN  The Mountain I 33,000 m2 I Completed 2008 I DK
VM  VM Houses I 25,000 m2 I 2005 Forum Award I Completed 2005 I DK
8  8 House, Mixed Use I 62,000 m2 I Completion 2010 I DK
LIL  Ski Resort I 30,000 m2 I NO
STA  Stavanger Concert Hall I 22,000 m2 I Venice Biennale Golden Lion I NO
VEGA  MEGA VEGA I Concert Hall I 30,000 m2 I DK
BAT  The Battery I 124,000 m2 I DK
SKI  Ski Resort I 90,000 m2 I NO

Awards

2012 AIA Institute Honor Award for Architecture I 8 House
World Architecture Festival 2011 I Winner of the Housing Category I 8 House
Jørn Utzon Statue 2011 I Concrete Element Award I The Mountain
MIPIM future Award 2011 I Commended I Tallinn Town Hall
Scandinavian Green Roof Award 2010 I 8 House
ULI Award for Excellence 2009 I The Mountain I Europe, Middle-East & Africa
Nominated at Mies Van Der Rohe Award 2009 I The Mountain
MIPIM Award I The Mountain I 2009
Forum Award I Best Nordic Architecture 2008 I The Mountain
World Architecture Festival 2008 I Winner of the Housing Category I The Mountain
Wood Award 2008 I MAR & The Mountain I DK
Mies Van Der Rohe Award 2007 I Special Mention I VM Houses
Jury Suisse EUROPAN I 2007
Forum Award I Best Scandinavian Building I VM Houses, DK I 2005
Venice Biennale Golden Lion I Stavanger Concert Hall, NO I 2004
CV
Thomas Christoffersen | Partner

Biography
Thomas Christoffersen began his collaboration with Bjarke Ingels in 2001 when PLOT was first formed. Thomas has worked on every notable BIG project including the multi-award winning VM Houses, the Astana National Library and the 8 House, which was awarded the World Architecture Festival 2011 Award in the housing category and the 2012 AIA Institute Honor Award for Architecture. He is currently overseeing the detail design and construction of the 75,000m² mixed-used West 57 building in Manhattan which will strive for LEED Gold Certification. His accomplishments include the design for Iceland’s National Bank and the Stavanger Concert House, which was awarded the Golden Lion at the Venice Biennale 2004 for the world’s best concert house. In Spring 2012 Thomas is leading a design studio named ‘Social Infrastructure’ at Yale School of Architecture along with Bjarke Ingels and Douglas Durst to share their vision for an urban future firmly grounded on environmental principles.

Languages
Danish | English

Affiliations
MAA | Danish Architecture Association

Academic
The Royal Academy of Arts | School of Architecture | Masters of Arch. | Copenhagen, DK
Professorship | The Royal Academy of Arts | 2009-10 | Copenhagen, DK
Professorship | Yale School of Architecture | 2012 | US

Selected Experience

BIG | Bjarke Ingels Group | Since 2001 | DK
W57 | Mixed Use Building | 75,000m² | NYC | US
KIM | Kimball Art Center | 2,800m² | 1st Prize | Park City, UT | US
PIER | Chicago Navy Pier | 38,019m² | Illinois | US
E2 | Ecology and Economy housing | 15,000m² | 1st Prize | Kouvola | FI
TIR | Mosque and Museum of Religious Harmony | 27,000m² | 1st Prize | AL
QNM | Musée National des Beaux-arts du Québec | 10,000m² | CA
PS1 | P.S.1 out of 7295 | 1,500m² | NYC | US
FØR | Førde Town Hall | 17,700m² | NO
NVT | Time Square Redux | 11,250m² | NYC | US
ANL | Astana National Library | 33,000m² | Completion 2012 | KZ
FAER | Education Centre | 37,000m² | 1st Prize | Completion 2012 | Torshavn | FO
8 | 8 House, Mixed Use | 62,000m² | Completion 2010 | DK
PSY | Helsingør Psychiatric Hospital | 6,000m² | Completion 2005 | DK
VM | VM Houses | 25,000m² | 2005 Forum Award | Completion 2005 | DK
STA | Stavanger Concert house | 22,000m² | Venice Biennale Gold Lion
WIB | Wing Residences | 19,600m² | DK
ODA | Odense Aqua Center | 5,000m² | Completion 2009 | DK
BBB | Better Affordable Housing | 5,000m² | 2nd Prize | DK
KTK | Royal Danish Theater | 18,000m² | DK
BKJ | Landsbankinn | 20,000m² | 1st Prize | Reykjavik, IS
VIB | Vibenhous Office Building | 12,000m² | Copenhagen | DK

Awards
2012 AIA Institute Honor Award for Architecture | 8 House
2011 World Architecture Festival Award | Housing Category | 8 House
Cityscape Awards for Architecture in the Emerging Market | 2009 | Dubai
Mies Van Der Rohe Award 2007 | Special Mention | VM Houses
Venice Bienale Gold Lion | Stavanger Concert Hall | 2004 | Venice, IT
Forum Award | Best Scandinavian Building | 2005 | VM Houses
Biography

Kai-Uwe Bergmann is a Partner at BIG who brings his expertise to proposals around the globe, including work in Europe, Asia, the Middle East and the United States. Kai-Uwe heads up BIG’s business development which currently has the office working in over 10 different countries. In addition to these duties, Kai-Uwe is also Head of Communications. Registered as an architect in the USA, UK and Denmark, Kai-Uwe is also a LEED AP certified architect who was Project Manager upon Central Asia’s first Carbon Neutral Master Plan - Zira Island in Baku, Azerbaijan. In addition to his experience with BIG, Kai-Uwe Bergmann was previously a Project Architect at the Austrian office of Baumschlager & Eberle where he was involved on their work for the UN AIDS Research Administration Building in Geneva and a residence in Diepoldsau, Switzerland.

Languages

English  I  German  I  Danish

Licenses

LEED AP I LEED Accredited Professional
AIA I American Institute of Architects
Florida State: #AA26002497
New York State: #034496-1
Utah State: #8360468-0301
Washington State: #8602
RIBA I Royal Institute of British Architects
MAA I Danish Architecture Association

Education

University of California I Los Angeles, USA I Masters of Architecture with honors
University of Virginia I Charlottesville, USA I Bachelor of Science in Architecture
Pilchuck Glass School I Stanwood, USA
Orrefors Glass School I SE

Selected Experience

BIG  Bjarke Ingels Group I Since 2006 I DK
ZIRA  Zira Island Master Plan I 1,000,000 m² I AZ
BAKU  Baku Villas I 10,000 m² I Proposal I AZ
ALP  Alpenwiese, Urban Space in Hamburg I 900 m² I DE
YIM  Yes is More I BIG Solo Exhibition at DAC I DK
NHV  Nordhavn Masterplan I 200 ha I DK
FAB  Fabrikk I 14,200 m² I DK
ABU  Khalifa Park I 15,000 m² I Competition I UAE
CARL  Carlsberg Master Plan I Competition I 33 ha I DK
WIB  Wings Residences I 19,600 m² I DK
WAR  Warsaw Museum of Modern Art I 15,000 m² I Competition I PL
ASP  Asplund Library I 6,650 m² I Competition I SE
BIGX  CPH Experiments I 200 m² I Exhibition I USA
BI  BIG Ideas I 200 m² I Exhibition I CZ & SL

Juries

Arc - Award Innovative Living in Switzerland I 2012
City of Dreams Pavilion I New York I 2012
International Holcim Awards I Zurich I 2011
Luxembourg Architecture Award I Luxembourg I 2011
Arhetipuri/ Archetypes I Bucharest I 2011
Global Real Estate Masters Program I University of Wisconsin I 2010
International Advisory Board I Danish Association of Architectural Firms I 2010
10 UP National Competition I Atlanta I 2010
Design Green Awards I Architectural Foundation of Los Angeles I 2010
Deresundsvisioner 2040 Competition I Denmark I 2008