

BIG PROFILE

2012

BIG





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.

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

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.





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 PROFILE

Office Organisation



Office Organisation

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 Nørkjær, 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.



People

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.

Employees	'09	'10	'11
Architects	57	75	78
Construction architects	8	9	9
Administration	8	13	15
Total	73	96	102

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 PROFILE

Sustainability

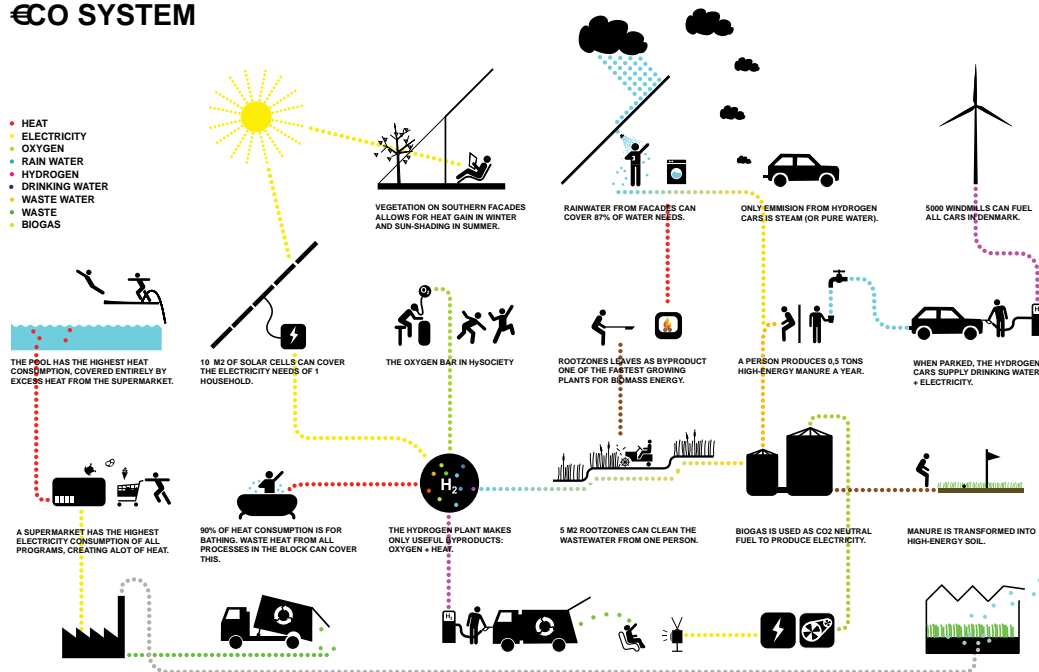


Sustainability

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 than 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.

€CO SYSTEM



Ecolomy

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.

BIG PROFILE

Budget Control



Budget Control

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.

	VM	MTN	8 House
Units	216	86	501
Size	25.600m ²	26.900m ²	62.700m ²
Timeline	24 Months	24 Months	33 Months
Completion	2005	2008	2010
Construction	€ 28.5m	€ 33m	€ 80.5m
Cost pr. m ²	€1.100/m ²	€1.250/m ²	€1.300/m ²

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

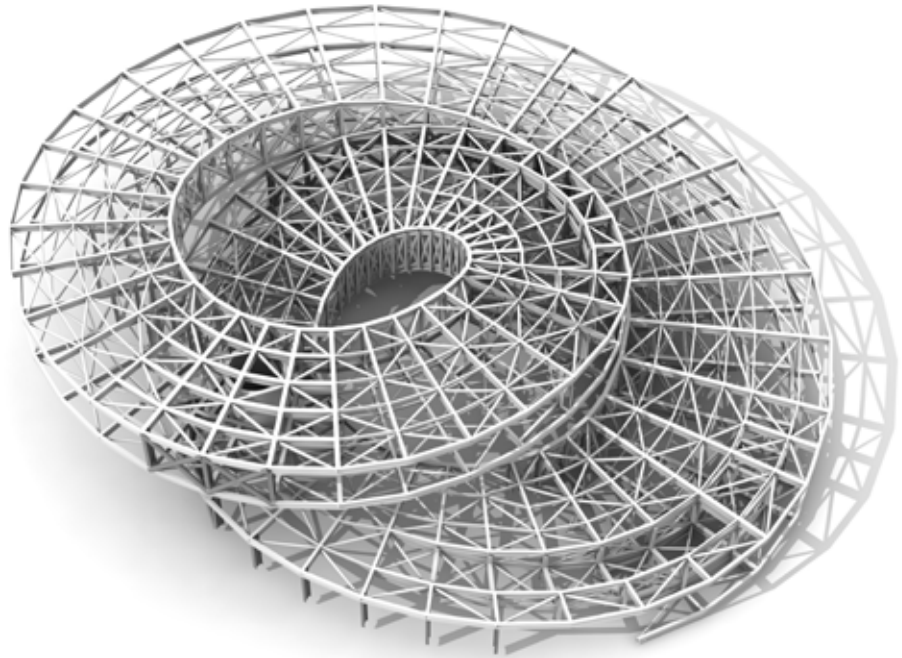
Quality is a constant part of our design process and as such our client is a central figure in any successful quality assurance process. To us, delivering the best quality assurance possible means listening to and understanding the demands and needs of our clients throughout the entire building process. 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.

BIG PROFILE

Qualifications



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.



Public Process

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.

BIG PROFILE

Selected Awards



2012	W57 8 AMF	NYAIA Merit Award Future Award AIA National Award Best Housing AR MIPIM Future Projects Awards Special Award
2011	8 8 BJARKE BJARKE SJA BJARKE STL BJARKE XPO MTN	World Architecture Festival Best Housing Honor Award American Institute of Architects Architectural Innovator of the Year Award WSJ 2011 Prize of Honor The Dreyer Foundation Grant 2011 IOC/IAKS Silver Award International Olympic Committee 2011 Crown Prince Culture Prize Danish Culture fund 2011 Chicago Athenaeum International Architecture Award Prix Delarue Award French Academy of Architecture Detail Award Special Prize for Steel Jørn Utzon Statue Concrete Element Award
2010	YIM XPO TAT 8	Dam Book Award Exhibitor Magazine Awards Best Exterior Design AR MIPIM Future Projects Awards Commended Scandinavian Green Roof Award
2009	MTN ANL MTN MTN LDK M2 ZIRA MTN MTN	Urban Land Institute Award of Excellence Cityscape Dubai Award Chicago Athenaeum International Architecture Award ULI Award for Excellence Good Green Design Award Scandinavian Green Roof Finalist Cityscape Abu Dhabi Finalist Mies Van Der Rohe Award Honourable Mention MIPIM Award Best Housing
2008	MTN MTN BIG SCA SJA	Forum Aid Award Best Nordic Architecture World Architecture Festival Best Housing Wood Award (MTN + MAR) Chicago Athenaeum International Architecture Award Contract World Best Interior in Education - 2nd
2007	VM BAD	Mies Van Der Rohe Award Honourable Mention IOC Best Public Recreational Facility Honourable Mention
2006	VM	Forum Award Best Building In Scandinavia
2005	MAR PLOT	Mies Van Der Rohe Award Honourable Mention The Royal Academy Of Arts Eckersberg Medal
2004	STA MAR MAR MAR BAD PLOT PLOT	Golden Lion Venice Biennale Best Concert House AR+D Award, Architectural Review, RIBA Copenhagen Award For Architecture European Architecture Award Luigi Cosenza European Prize For Urban Public Space Copenhagen Collaboration Award Scanorama Design Award
2002	PLOT	Nykredits Architecture Prize
2001	BJARKE	Henning Larsen's Prize



2012	MECA TCC KIM	FRAC Bordeaux, FR Tampere, FI Kimball Art Center, US	1. prize 1. prize 1. prize
2011	LAP PARC BOND TIR STP E2	Lapland Ski Resort, FI Jussieu Campus, FR Transitlager Warehouse, CH Mosque & Museum, AL Stockholm City Gate, SE Ecology & Economy, FI	1. prize 1. prize 1. prize 1. prize 1. prize 1. prize
2010	AMF NUUK	Amager Waste Treatment Plant, DK Nuuk National Gallery, GL	1. prize 1. prize
2009	ANL KAUF TAM TAT SEM WWS	Astana National Library Masterplan, Hamburg, DE Tamayo Cultural Centre, MEX Tallinn Town Hall Shenzhen Energy Mansion, CN World Village of Women Sports, SE	1. prize 1. prize 1. prize 1. prize 1. prize 1. prize
2008	XPO QIN SCA BKI ØRE SUK	The Danish Expo Pavilion 2010, CN Qingdao Bridge, CN Scala, Mixed-use, DK Landsbanki HQ, IS Øresund Park, DK Superkilen, DK	1. prize 1. prize 1. prize 1. prize 1. prize 1. prize
2007	SØF	Maritime Museum, DK	1. prize
2006	LEGO VIB1	LEGO Towers, DK Vibenhush Office Building, DK	1. prize 1. prize
2005	HOME	Hotel on Christianshavn, DK	1. prize
2004	ESSO SJA ILB	Stavanger Residential, NO Sjakket Youth Club, DK Islands Brygge South with West8, DK	1. prize 1. prize 1. prize

REFERENCES

Built references



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 pavillion
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



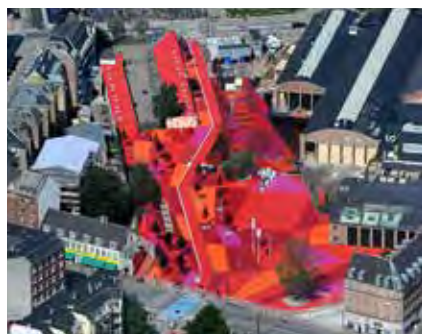
SJAKKET

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 I 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



HELISINGØR PSYCHIATRIC HOSPITAL

PROGRAMME Psychiatric hospital
SERVICE Architecture, design and construction
COLLABORATORS Jds, Ncc, Moe & Brødsgaard
SIZE 6,000 m²
COST € 6.8m
LOCATION Helsingør, Denmark
STATUS Completed 2006
CLIENT Helsingør Municipality, Helsingør 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 Rambøll, 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 Glessner
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 Commercial 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 Forgeue, 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 Arkitecture, design and construction
COLLABORATORS AKT, Grontmij Carl Bro, Rambøll, Allianss
SIZE 28,000 m²
COST Not estimated
LOCATION Tallinn, Estonia
STATUS Completion 2013
PRIZES 1. 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 3,000m²
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



AMAGERFORBRÆNDINGEN

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

REFERENCES

8H - 8 House



PROJECT
8 House

CLIENT
Høpfner A/S
Danish Oil Company
St. Frederikslund

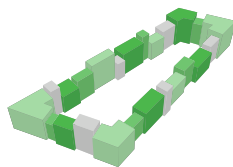
CONSULTANTS
Moe & Brødsgaard
KLAR

BUDGET
€ 75.6 million
\$ 107.3 million
RMB 733 million

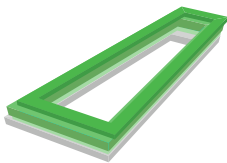
SIZE
62.000 M2

LOCATION
Copenhagen, DK

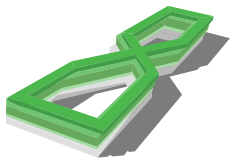
STATUS
Completion 2010
Scandinavian Green Roof Award



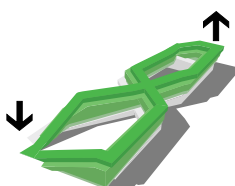
TRADITIONAL PARTITIONING



PROPOSED PARTITIONING



REDUCING SCALE



HEIGHT VARIATION FOR VIEWS

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.







REFERENCES

MTN - The Mountain



PROJECT

The Mountain

CLIENT

Høpfner A/S
Danish Oil Company
Per Høpfner T+45 33179494

COLLABORATORS

Moe & Brødsgaard
SLA
JDS

BUDGET

€33.5 million
\$48.2 million
RMB 327 million

SIZE

33.000 M2

LOCATION

Copenhagen, DK

STATUS

Completed 2008

AWARDS

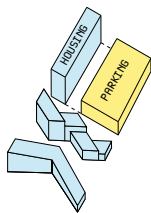
Forum AID Architecture Award 2008
MIPIM Residential Development of the Year 2009
World Arch. Festival Housing Award 2009
Urban Land Inst. Award for Excellence 2009
Mies Van Der Rohe Award, Honorable Mention



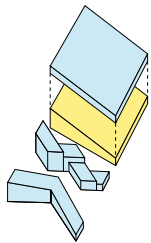
How do you combine the splendours of the suburban backyard with the social intensity of urban density?

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.

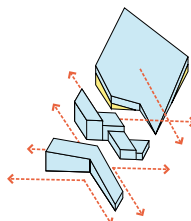
The parking area needs to be connected to the street and the homes require sunlight, fresh air and a view. Thus all apartments have roof gardens facing the sun, amazing views and street parking on the 10th floor. The Mountain appears as a suburban neighborhood of garden homes flowing over a 10-storey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



ORIGINAL MASTERPLAN



PLACE HOUSING ABOVE PARKING



PRESERVE VIEWS OUT







REFERENCES

VM Houses



PROJECT

VM Houses

CLIENT

Høpfner A/S
Danish Oil Company

COLLABORATORS

Moe & Brødsgaard
JDS

BUDGET

€22 Million
\$32.6 Million
RMB 225 Million

SIZE

25.000 M2

LOCATION

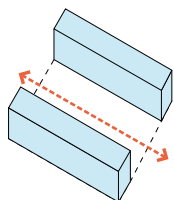
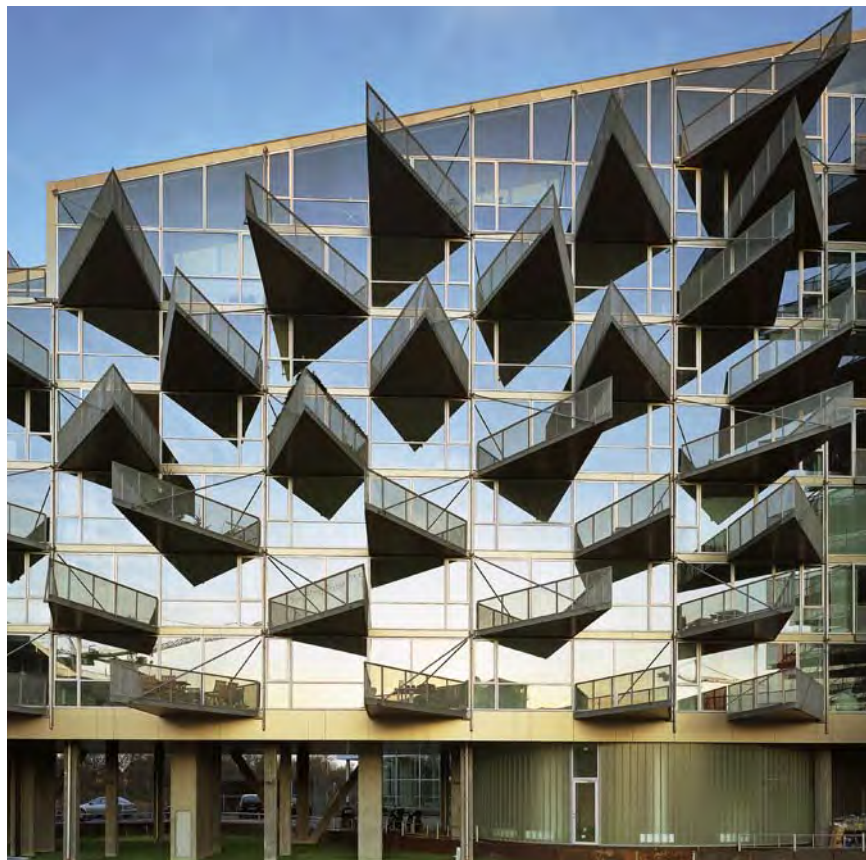
Copenhagen, DK

STATUS

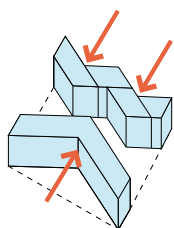
Completed 2005

AWARDS

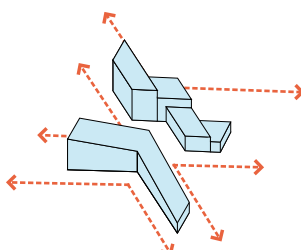
2005 Forum AID Best Building in Scandinavia
2005 Mies van der Rohe Award Finalist



ORIGINAL MASTERPLAN



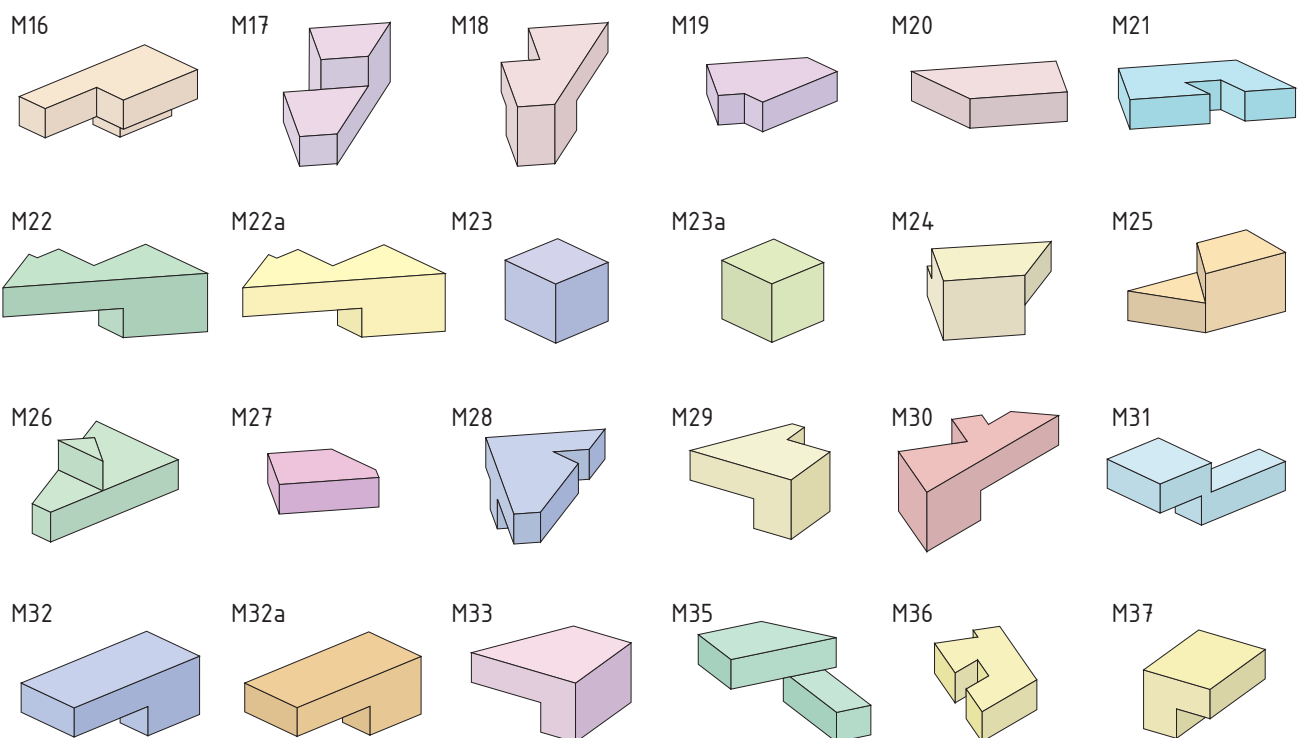
MANIPULATE BLOCKS

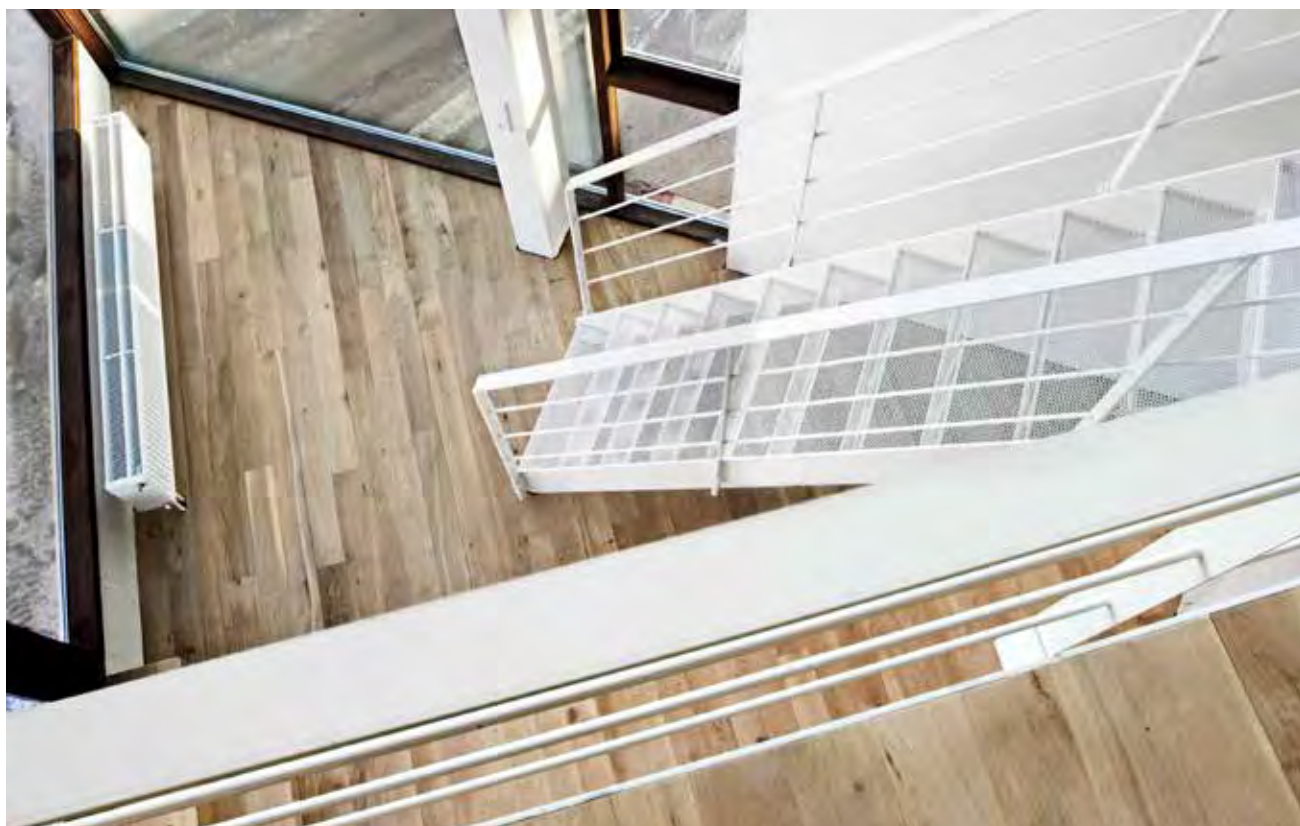


PRESERVE VIEWS OUT

If people are different why are all apartments alike?

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.





BIG



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 peice 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 harbour bath exactly as she is in Copenhagen harbour. 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 absense 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.



BIG



REFERENCES

W57 - WEST 57



PROJECT

West 57th Street

CLIENT

Durst Fetner Residential

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 Glessner

SIZE

80,000 m²

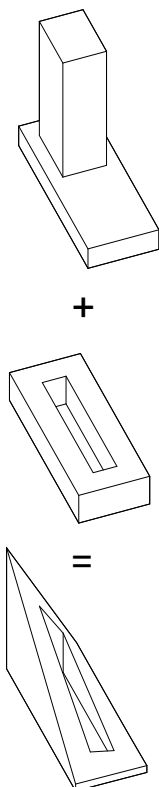
LOCATION

Manhattan, New York, USA



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 greenery 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.





REFERENCES

LOOP - Loop City



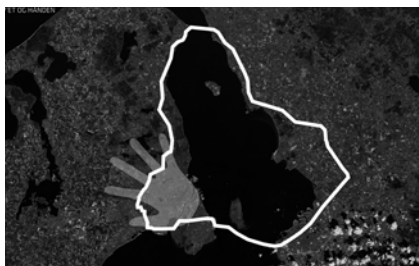
PROJECT
LOOP CITY

CLIENT
REALDANIA
DAC

COLLABORATORS
RED ASSOCIATES
Kollison
ARUP
Tom Nielsen
Dong Energy
CAVI

SIZE
11.000 km²

LOCATION
Denmark



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.



REFERENCES

AMF - Amager Waste To Energy Plant



PROJECT

New Waste To Energy Plant

CLIENT

Amagerforbrændingen

COLLABORATORS

Realities United

AKT

Topotek/Man Made Land

FRONT

SIZE

Site Area: Building=95,000m²

Landscape ≈90,000m²

Total Floor Area: Roof + ski slope ≈32,000m²

Façade area≈74,000m²

Administrative + Visitor center

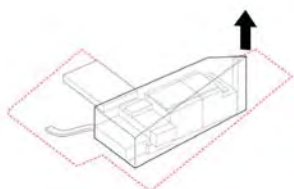
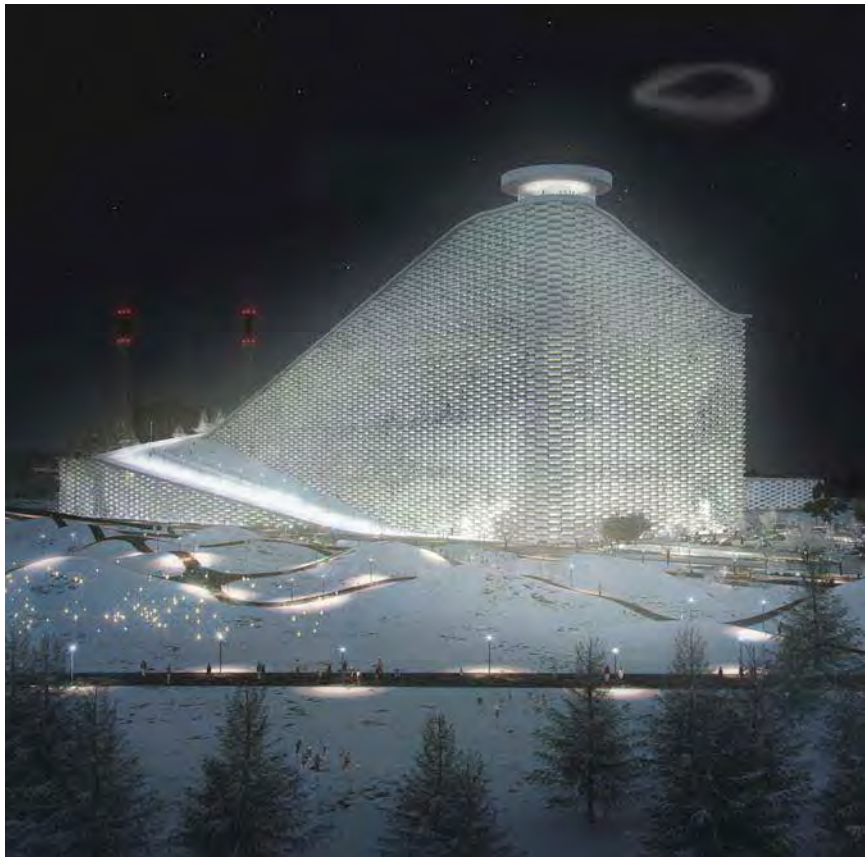
Floor area≈6,500m²

LOCATION

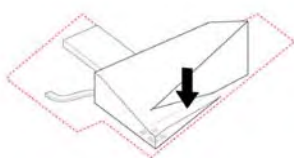
Copenhagen, Denmark

STATUS

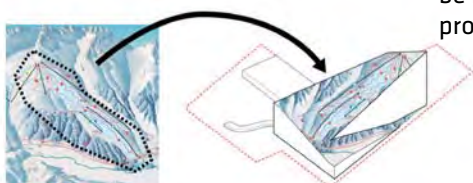
Competition 1st prize



INTEGRATION OF SMOKESTACK



PUBLIC CONNECTION



ALPINE SKIING IN COPENHAGEN

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.



REFERENCES

STP - Stockholm City Gate



PROJECT

Stockholm City Gate

CLIENT

Stockholm City
Transport Authority

COLLABORATORS

Grontmij
Spacescape

BUDGET

Unknown

SIZE

58 Ha

LOCATION

Stockholm, SE

STATUS

1st Prize



HOW DO YOU CREATE A LANDMARK, WHEN
ALL YOU CAN SEE IS THE SKY?



THE REFLECTIVE SPHERE TRANSFORMS THE
LANDSCAPE INTO A LANDMARK

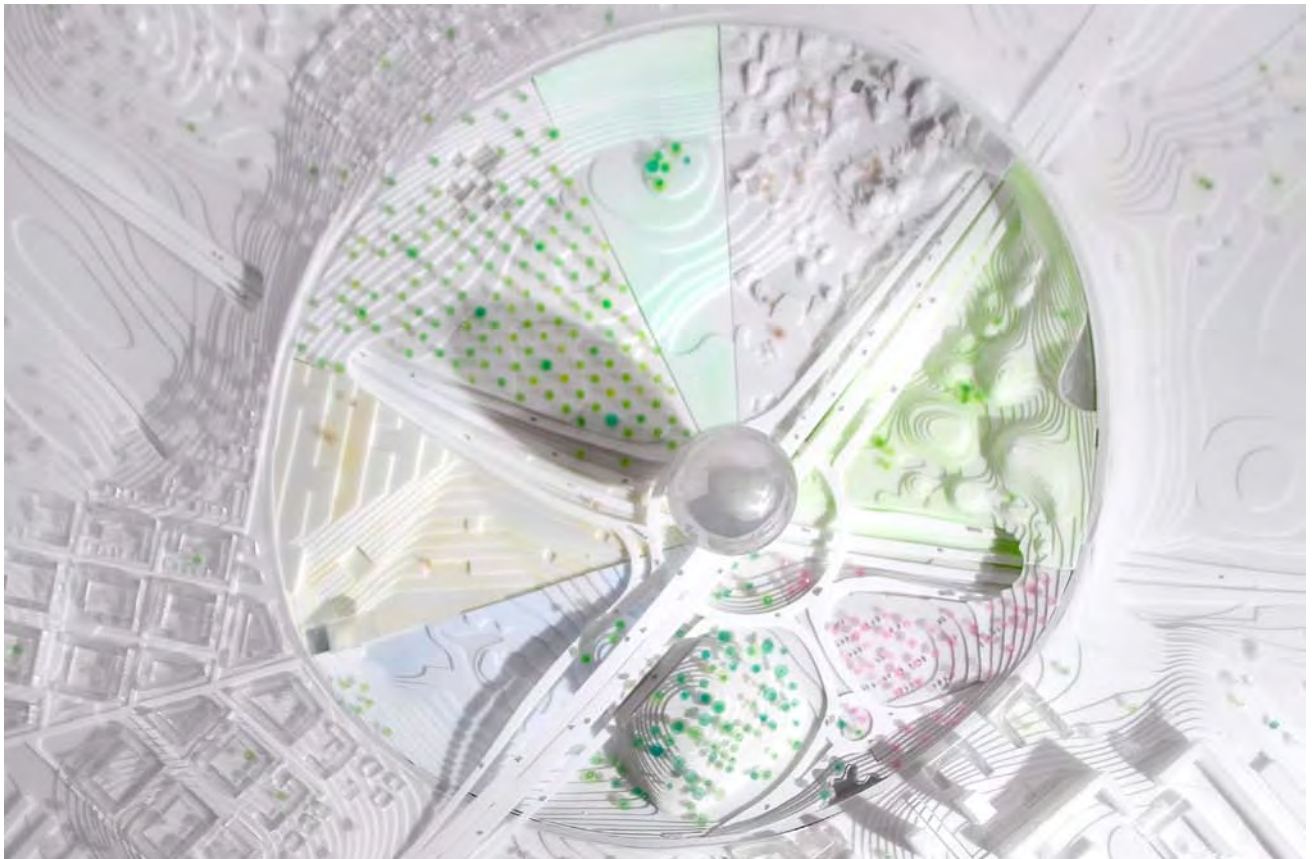


SOLAR CELLS PRODUCE ENERGY TO THE
BUILDINGS IN THE AREA

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.



REFERENCES

SLU - Slussen Masterplan



PROJECT

Slussen Masterplan

CLIENT

Stockholms Municipality

COLLABORATORS

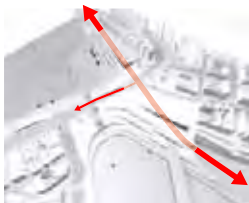
NOD Design

SIZE

70.000 M2

LOCATION

Stockholm, SE



MAJOR VEHICULAR
TRAFFIC



FERRY TRAFFIC



BIKE TRAFFIC

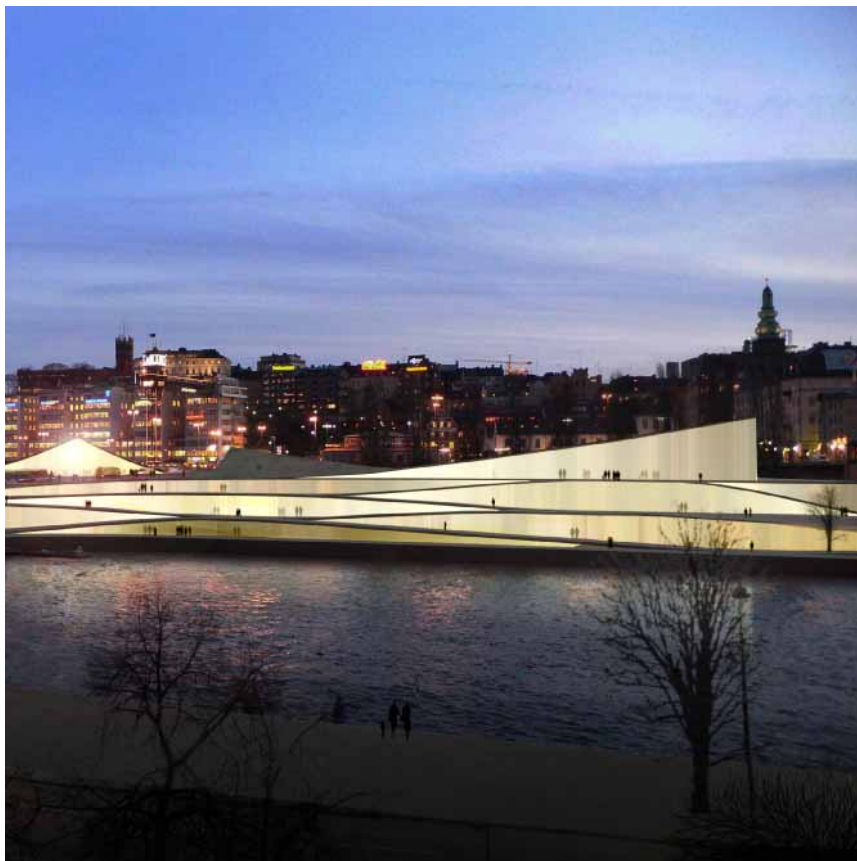
Is it possible for Slussen to be a centerpoint of traffic and at the same time an urban leisure zone?

Slussen is the central traffic node of Stockholm connecting the historical Gammel Stan with Södermalm 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 water front, by moving the public program towards the most attractive place, and integrating the heavy traffic under the cover of a public level.

BIG



REFERENCES

EUR - Europa City



PROJECT
Europa City

CLIENT
Groupe Auchan

COLLABORATORS
Base
Transsolar
Tess
Transitec

SIZE
80 Ha

LOCATION
Paris, FR

STATUS
Competition



LOOP THROUGH THE STATION



VALLEYS AND PEAKS



GREEN CITY

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.



REFERENCES

TCC - The Red Line



PROJECT

The Red Line

CLIENT

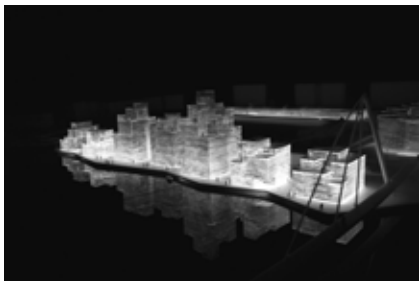
Rakennusmestari Pohjola Oy
YH-Länsi Oy

SIZE

66550 m²

LOCATION

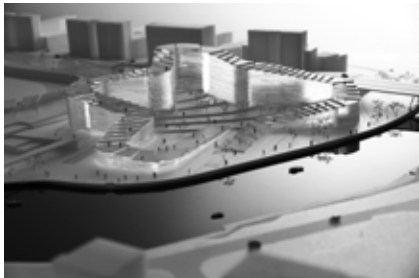
Tampere, FI



HOW DO YOU MIX A PUBLIC CULTURAL AREA WITH QUALITY PRIVATE HOUSING?

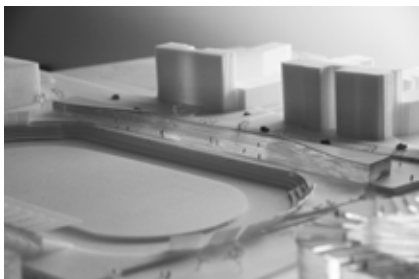
THE RED LINE

In the urban context of Tampere city centre the Ratinaanniemi 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 Ratinaanniemi 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.



BIG



REFERENCES

E2 - Ecology and Economy



PROJECT

Ecology and Economy

CLIENT

City of Kouvola

COLLABORATORS

AOA
Pirmin Jung
Vahanen
Stora Enso

SIZE

15,000m²
8 storey prefabricated wood construction

LOCATION

Kouvola, Finland

STATUS

1st Prize



How do we develop a flexible building system of wood that can compete with the efficiency of concrete?

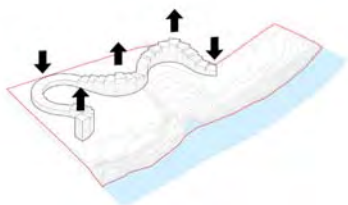
When asked to design a building system for the housing market in Finland and its major export countries, the point of direction was to design an innovative system that can fit in any built environment for any type of use. We propose a roadmap for wooden construction to reach the same efficiency as today's 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.



VOLUME PUSHED FROM SIDES FOR
PARK + PARKING



HEIGHT MANIPULATED FOR
OPENNESS + VIEWS



GREEN CONNECTIONS



REFERENCES

FAR - Farum 2.0



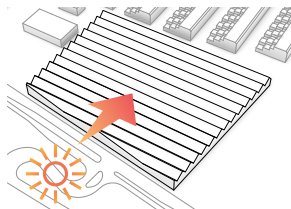
PROJECT
Farum 2.0

CLIENT
Furesø Kommune

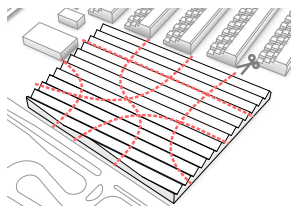
COLLABORATORS
Grontmij
Ting & Wainø
Boris Brorman

SIZE
20.000 m²

LOCATION
Farum, DK



ROOF-TOPS ANGLED TOWARDS SUN



CONNECTIONS TO CONTEXT



PLAZAS, COURTYARDS & GARDENS

How do you create a hedonistic sustainable suburban area?

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”.

BIG



REFERENCES

STL - Saint Louis Masterplan



PROJECT

Saint Louis Masterplan

CLIENT

City of Saint Louis, City + Arch
+ River 2015 Foundation National Park Service

COLLABORATORS

SOM
HARGREAVES ASSOCIATES
Jaume Plensa
URS
Ralph Applebaum

BUDGET

\$ 300 Million

SIZE

192 Acres (78 HA)

LOCATION

St Louis, Missouri, USA



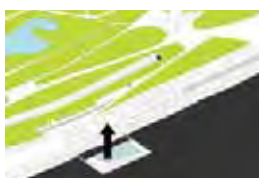
1 THE MAGIC CARPET
2 THE ARCH MUSEUM



3 CONFLUENCE PAVILLON



4 THE SUNKEN VILLAGE



5 THE FLOATING RIVER

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.





Biography

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 Founded in 2006 DK & USA
PLOT	Co-founded in 2001-2005 DK
W57	West 57th Street 80,000 m ² Completion 2015 USA
AMF	Waste-to-energy plant 95,000m ² Completion 2015 DK
CSW	Chicago Southworks Masterplan 100 ha USA
STP	Stockholm City Gate 58 ha 1st Prize SE
NUUK	Greenland National Gallery 3,000 m ² 1st Prize GL
E2	Ecology & Economy 15,000 m ² 1st Prize FI
LOOP	Loop City Vision 11,000 km ² DK & SE
FÆR	Education Center in Marknagil 19,200 m ² Completed 2015 FO
WVWS	World Village of Women's Sport 100.000 m ² 1st Prize SE
SEM	Shenzhen International Energy Mansion 96.000 m ² 1st Prize CN
ANL	Astana National Library 45.000 m ² Completion 2011 KZ
TAT	Tallinn Town Hall 28.000 m ² 1st Prize EE
TAM	Tamayo Cultural Center 2.300 m ² 1st Prize Completion 2010 MX
KAUF	Kaufhauskanal Mixed-use plan in Hamburg 33.000 m ² 1st Prize DE
XPO	EXPO 2010 Danish Pavilion 3.000 m ² 1st Prize Completion 2010 CN
SØF	Danish Maritime Museum 5.000 m ² 1st Prize Completion 2011 DK
8	8 House Mixed-use housing 62.000 m ² Completion 2010 DK
ZIRA	Zira Zero Island 1.000.000 m ² Baku AZ
SUK	Superkilen Masterplan 4.3 ha 1st Prize Completion 2010 DK
MTN	The Mountain, Housing & Parking 33.000 m ² Completion 2008 DK
SJA	Sjakket Youth Centre 2.000 m ² Completion 2007 DK
PSY	Helsingør Psychiatric Hospital 6.000 m ² Completion 2006 DK
VM	VM Houses 25.000 m ² Completion 2005 DK
MAR	Maritime Youth House 2.000 m ² 1st Prize Completion 2004 DK
BAD	Copenhagen Harbor Bath 2.500 m ² 1st Prize Completion 2003 DK
BKI	National Bank of Iceland 33.000 m ² 1st Prize IS
ODA	Odense Water Culture House 5.000 m ² DK
BAT	The Battery, Mosque & Mixed Use 124.000 m ² DK
STA	Stavanger Concert house 22.000 m ² NO
WIB	Wing Residences 19.600 m ² DK



Affiliations

MAA | Danish Architecture Association
 Member of Americas Business Council Foundation Fellows
 Member of the Jury of European 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 | 2012 | New Haven, US
 Honorary Professor at The Royal Academy of Arts | 2011 | Copenhagen, DK
 Visiting Professor at Harvard University | Joint Studio with HBS & GSD | 2010 | Cambridge, US
 Visiting Professor at Columbia University GSAPP | 2009 | New York, US
 Visiting Professor at Harvard University GSD | 2007 | Cambridge, US
 Visiting Professor at Rice University | 2005 | Houston, US
 Visiting Professor at The Royal Academy of Arts | 2001 | Copenhagen, DK

Education

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

Awards

Architectural Innovator of the Year Award | Wall Street Journal | 2011
 World Architecture Festival | Housing Award Winner | 8 House | 2011
 Prize of Honor | The Dreyer Foundation Grant | 2011
 Crown Prince Culture Prize | Danish Culture fund | 2011
 Prix Delarue Award | French Academy of Architecture | 2011
 Utzon-Statuette | The Mountain | 2011
 Scandinavian Green Roof Award | 8 House | 2010
 The State Art Fund Working Scholarship | 2010
 ULI Award for Excellence | The Mountain | 2009
 Nominated at Mies Van Der Rohe 2009 | The Mountain | EU
 MIPIM | Residential Development Award 2009 | The Mountain
 Forum Award | Best Nordic Architecture 2009 | The Mountain
 World Architecture Festival 2008 | Housing Award Winner | The Mountain
 Wood Award 2008 | Maritime Youth House & The Mountain
 International Architecture Awards | Best New Global Design | Scala | 2008
 Contract World | Best Education Interior | Sjakket Youth Centre | 2008
 Mies Van Der Rohe Award 2007 | Special Mention | VM Houses
 IOC Award | Honorable Mention | Copenhagen Harbour Bath | 2007
 Forum Award 2005 | Best Scandinavian Building | VM Houses
 His Royal Highness Prince Henrik of Denmark's Scholarship | 2005
 The Royal Academy of Arts Eckersberg's Medal | 2005 | DK
 Mies Van Der Rohe Award 2005 | Special Mention | Maritime Youth House
 Copenhagen Award for Architecture | Maritime Youth House | 2004
 AR+D Award | Architectural Review | RIBA London | Maritime Youth House | 2004
 Venice Biennale Golden Lion | Stavanger Concert Hall | 2004
 Copenhagen Collaboration Award | 2004
 European Prize for Urban Public Space | Copenhagen Harbour Bath | 2004
 Young Architect of the Year Award | 2nd Prize | 2004
 Scanorama Design Award | 2004
 Nykredits Architecture Prize | 2002
 Young Architect of the Year Award | 2nd Prize | 2002
 Henning Larsen's Prize | 2001
 The State Art Fund Scholarship | 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, Kløvermark, 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
Arquine 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 m ² FR
MIA	AUDI Design Miami 190m ² US
NUUK	Greenland National Gallery 3,000 m ² 1st Prize Nuuk GL
LOOP	Loop City Urban Vision 1100 HA DK&SE
AUDI	AUDI Urban Future Award 2010 DE
SEM	Shenzhen International Energy Mansion 96,000 m ² Completion 2012 CN
TAM	Tamayo Cultural Centre 3,500 m ² 1st Prize MX
ZIRA	Zira Zero Island 1,000,000 m ² Baku AZ
ARL	Hotel and Conference Centre, Arlanda Airport 25,000 m ² SE
SCA	Scala Tower including Library & Hotel 40,000 m ² DK

Juries

European 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 Qingdao 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 | English | Swedish

Affiliations

Ministry of Culture's Architectural Jury Committee
MDB | Construction Economist
CEEC | Construction Economies European Committee
MAA | Danish Architecture Association

Education

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

Selected Experience

BIG	Bjarke Ingels Group Since 2002 DK
QIN	Qingdao Science Museum 40.000m ² CN
AMF	Amagerforbrænding 95.000m ² Completion 2016 DK
EXP	Experimentarium 22.000 m ² DK
MIDP	Middelfart Psychiatric Hospital 7.900 m ² DK
SØF	Danish Maritime Museum 5.000 m ² 1st Prize Completion 2011 DK
WIB	Wings Residences 19.600 m ² DK
PSY	Helsingør Psychiatric Hospital 6.000 m ² Completion 2006 DK
VM	VM Houses 25.000 m ² 2005 Forum Award Completion 2005 DK
WAR	Warsaw Museum of Modern Art 15.000 m ² PL
HOA	Holstebro Handball Arena 20.000 m ² DK
STA	Stavanger Concert Hall 22.000 m ² Venice Biennale Golden Lion NO
NYC	Urban Periscope 4.000 m ² USA
MØN	Møn Museum of Geology 3.000 m ² DK
AIR	CPH Airport Terminal 3 Interior design 2.000 m ² DK

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

Awards

Mies Van Der Rohe 2007 | Special Mention | VM Houses
Forum Award | Best Scandinavian Building 2005 | VM Houses
Venice Biennale Golden Lion 2004 | Stavanger Concert Hall | IT
Icopal | 1st Prize | 2003 | DK
Århus Rooftop Residences | 3rd Prize | 2000 | 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 Magnakil 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	Bjarke Ingels Group I Since 2001 I DK
FÆR	Magnakil Education Centre I 20.000 m ² I Completion 2012 I FO
8	8 House, Mixed Use I 62.000 m ² I Completion 2011 I DK
XPO	Expo 2010 Danish Pavilion I 3.000 m ² I Completion 2010 I CN
MTN	The Mountain I 33.000 m ² I Completion 2008 I DK
PSY	Helsingør Psychiatric Hospital I 6.000 m ² I Completion 2006 I DK
ODA	Odense Aqua Center I 5.000 m ² I DK
VM	VM Houses I 25.000 m ² I 2005 Forum Award I Completion 2005 I DK
MAR	Maritime Youth House I 2.000 m ² I Completion 2004 I DK
BAD	Islands Brygge Harbor Bath I 2.500 m ² I Completion 2003 I DK
BBB	Better Affordable Housing I 5.000 m ² I DK
MØN	Geology Museum and Visitors Centre I 3.000 m ² I DK
MAG	High Square I 3.000 m ² I 1st Prize I DK
KTK	Royal Danish Theatre I 18.000 m ² I DK
BCH	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
MIPII 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
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
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
FÆR	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 House I 22.000 m2 I Venice Biennale Golden Lion I NO
VEGA	MEGA VEGA I Concerthall 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



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

Licenses

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

Education

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

Selected Experience

BIG	Bjarke Ingels Group Since 2006 DK
ZIRA	Zira Island Master Plan 1.000.000 m ² AZ
BAKU	Baku Villas 10.000 m ² Proposal AZ
ALP	Alpenwiese, Urban Space in Hamburg 900 m ² DE
YIM	Yes is More BIG Solo Exhibition at DAC DK
NHV	Nordhavnen Masterplan 200 ha DK
FAB	Fabrikken 4.200 m ² DK
ABU	Khalifa Park 15.000 m ² Competition UAE
CARL	Carlsberg Master Plan Competition 33 ha DK
WIB	Wings Residences 19.600 m ² DK
WAR	Warsaw Museum of Modern Art 15.000 m ² Competition PL
ASP	Asplund Library 6.650 m ² Competition SE
BIGX	CPH Experiments 200 m ² Exhibition USA
BI	BIG Ideas 200 m ² Exhibition CZ & SL

Juries

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

