Online Edition

2/2012

FEBRUARY

The Scandinavian

ONLINE MAGAZINE ABOUT ARCHITECTURE, DESIGN, ENGINEERING, CONSTRUCTIONS AND REAL ESTATE

INCLUDE:

- UNIVERSITY OF AARHUS
- HOUSE WORMDAL/HAUG OSLO
- CICADA
- SKI VILLAGE
- CITY HALL BRONCKHORST
- MARCO POLO TOWER
- HOUSE IN BRUSSELS
- RITZ-CARLTON LAKE TAHOE
- MINIMALISTIC GARDEN IN A FOREST
- BALTHAZAR BAR-RESTAURANT

Architecture Magazine

The Scandinavian - Architecture Magazine ISSN 2001-0400

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The Scandinavian

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SWEDEN

Front cover image:House Wormdal/Haug-OSLO by Jensen & Skodvin Architects NORWAY

The Scandinavian

Nr. 2/ February 2012

This edition of The Scandinavian contain many projects from Scandinavia and worldwide:

UNIVESITY OF AARHUS

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The future Ski Village will transform the existing Levi ski resort into a world class destination, offering top quality accommodation and leisure services for skiers of all levels and demands. The proximity to the Kittilä airport ensures easy access to the resort attracting international visitors to Levi village and the whole Lapland region.

CITY HALL BRONCKHORST

City hall Bronckhorst with office functions, conference room, reception and boardroom. The design is special because of the consistent use of passive building techniques, unique in the Netherlands. This forms a solid foundation for a highly energy efficient building.

MARCO POLO TOWER

Hamburg's HafenCity is to-date the largest urban development area in Europe. Located on"Großer Grasbrook", an isle in the River Elbe against a backdrop of the historical bonded warehouses of Hamburg's Speicherstadt, a thriving new city quarter.....

HOUSE IN BRUSSELS

This house for an artist includes the street level of an existing small house. It now houses the entry hall, a family room and a kitchen; the living-room and the stairway are in the extension to the building. T h e second floor includes the master bedroom with its bathroom, as well as five children's rooms and sanitary installations.

RITZ-CARLTON LAKE TAHOE

This 5-star Ritz-Carlton Lake Tahoe provides the highest level of luxury in the Lake Tahoe region. Designed as a series of linked pavilions tucked into the contour of the hillside, the 5-story resort includes 170 luxury suites, a 6,000 square foot ballroom, a 15,000 square foot fitness center, an upscale restaurant, and underground parking.

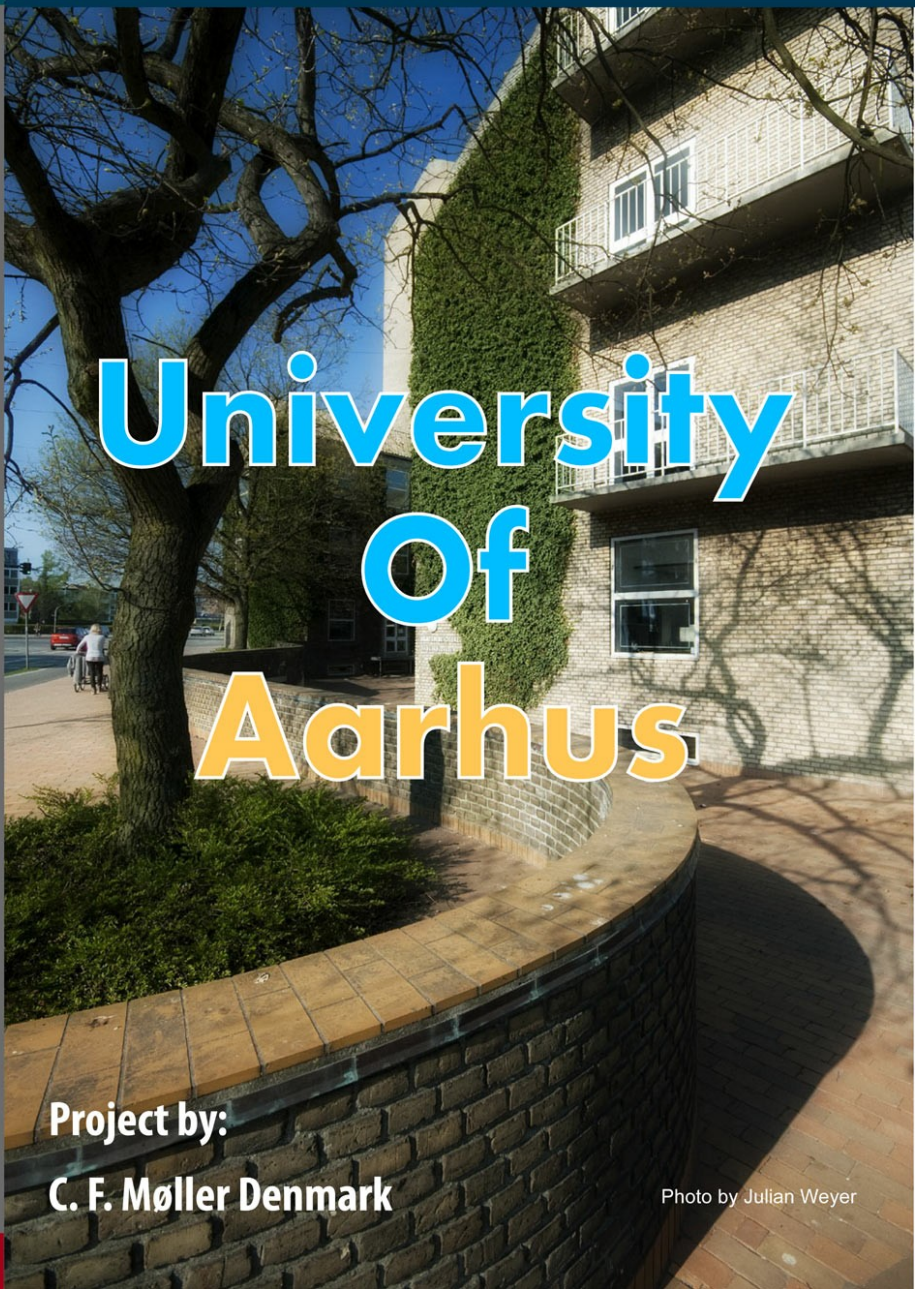
MININALISTIC GARDEN IN A FOREST

In 2008 we were asked to design the garden of a modernist style villa in a pine tree forest close to Vilnius the capital of Lithuania. The building and the raw structures of the surrounding were designed by architect Alfredas Trimonis –HKT architects in Hamburg.

BALTHAZAR BAR RESTAURANT

Balthazar is an intimate restaurant located in the ground floor of an outstanding Art Deco apartment building in the heart of the city of Perth.The restaurant design is an understated imposition of a contemporary hospitality venue into the richly detailed envelope of an intact Art Deco building.

Beautiful
Scandinavia



University Of Aarhus

Project by:

C. F. Møller Denmark

Photo by Julian Weyer

C. F. Møller Architects
is one of Scandinavia's oldest and largest architectural practices. Our work involves a wide range of expertise that covers programme analysis, town planning, master planning, all architectural services including landscape architecture, as well as the development and design of building components.

Simplicity, clarity and unpretentiousness, the ideals that have guided our work since the practice was established in 1924, are continually re-interpreted to suit individual projects, always site-specific and based on international trends and regional characteristics.

Over the years, we have won a large number of national and international competitions and awards. Our work has been exhibited locally as well as internationally at places like RIBA in London, the Venice Biennale, the Danish Architecture Centre and the Danish Cultural Institute in Beijing.

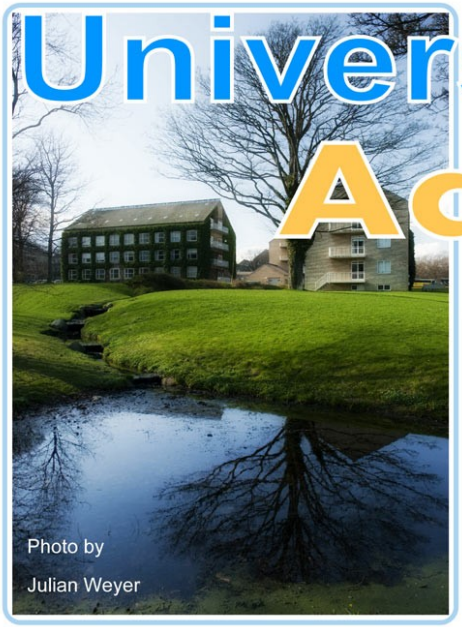
Today C. F. Møller Architects has app. 300 employees. Our head office is in Aarhus and we have branches in Copenhagen, Aalborg, Oslo, Stockholm and London, as well as a limited company in Iceland.

C. F. Møller Architects

Denmark

From the left:
C. F. Møller Architects is a partnership owned and managed by Julian Weyer, Mads Mandrup, Tom Danielsen, Anna Maria Indrio, Klavs Hyttel, Lars Kirkegaard, Lone Wiggers, Mads Møller, and Klaus Toustrup.

University of Aarhus



Client \\ Danish Ministry of Education

Size \\ 200,000 m2

Address \\ Aarhus, Denmark

Construction period \\ 1931-present

Architect \\ C. F. Møller Architects

Landscape \\ C. Th. Sørensen

Prizes \\ 1st prize in competition, 1931

The University of Aarhus, which dates from 1931, is a unique and coherent university campus with consistent architecture, homogenous use of yellow brickwork and adaptation to the landscape. The university has won renown and praise as an integrated complex which unites the best aspects of functionalism with solid Danish traditions in form and materials.

The competition for the university was won by the architects Kay Fisker, C. F. Møller og Povl Stegmann in 1931. Stegman left the partnership in 1937, Fisker in 1942 and C. F. Møller Architects has been in charge of the continued architectural development and building design of the university until today.

The University of Aarhus, with its extensive park in central Aarhus, includes teaching rooms, offices, libraries, workshops and student accommodation. The university has a distinct homogeneous building style and utilises the natural contours of the landscape. The campus has emerged around a distinct moraine gorge and the buildings for the departments and

Photo by Julian Weyer

Photo by Julian Weyer

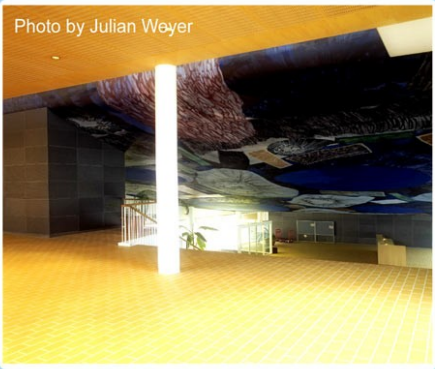


Photo by Julian Weyer

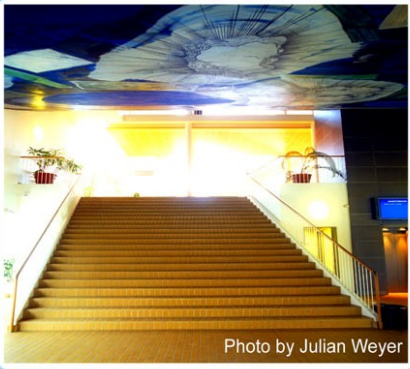


Photo by Julian Weyer

faculties are placed on the slopes, from the main buildings alongside the ring road to the center of the city at Nørreport. All throughout the campus, the buildings are variations of the same clear-cut prismatic volume with pitched roofs, oriented orthogonally to form individual architectural clusters sharing the same vocabulary. The way the buildings emerge from the landscape makes them seem to grow from it, rather than being superimposed on the site.

The original scheme for the campus park was made by the famous Danish landscape architect C. Th. Sørensen. Until the death of C. Th. Sørensens in 1979 the development of the park areas were conducted in a close cooperation between C. Th. Sørensen, C. F. Møller and the local park authorities. Since 1979 C. F. Møller Architects - in cooperation with the staff at the university - has continued the intentions of the original scheme for the park, and today the park is a beautiful, green area and an immense contribution to both the university and the city in general.

In 2001, C. F. Møller Architects prepared a new masterplan for the long and short term development of the university. Although the university has been extended continuously for more than 75 years, the original masterplan and design principles have been maintained, and have proven a simple yet versatile tool to create a timeless and coherent architectural expression adaptable to changing programs. Today, the university is officially recognized as a Danish national architectural treasure and is internationally renowned as an excellent example of early modern university campus planning.

University of Aarhus
C. F. Møller Denmark


Photo by Julian Weyer

Photo by Jensen & Skodvin Architects

House Wormdal/Haug OSLO

Project by:

Jensen & Skodvin Architects

Norway

Jensen & Skodvin Architects

Norway

The practice was established in 1995 by Jan Olav Jensen (left) and Børre Skodvin (right). Starting with 4 architects, the staff has grown to 9 architects in 2009. During these 14 years the office has completed a variety of projects, for public as well as private clients. Projects range from furniture to urban planning, but with weight on building commisions and landscape interventions.The projects are located in a variety of sites and situations

CV Jan Olav Jensen:
Born 1959. Graduated in 1985 from the Oslo School of Architecture and Design in 1985. He is a tenured professor of Architecture at the Oslo School of Architecture and Design since 2004. He founded Jensen & Skodvin Architects with Børre Skodvin in 1995, after a period of private practice and employement at various offices since 1985. He has worked as a teacher and on juries at several universities. He was the Kenzo Tange Visiting Design Critic at Harvard University, Boston 1998 and received the Aga Khan Award for Architecture the same year for the Lepers´ Hospital. He was awarded the Swedish Prince Eugen Medal in 2006. He is a frequent lecturer nationally and internationally. With Børre Skodvin he received the German Erich Schelling Award for architecture 2008.

CV Børre Skodvin:
Born 1960. Graduated from the Oslo School of Architecture and Design in 1988. He is the current head of the institute of Architeture at the Oslo School of Design and Architecture from 2009. He founded Jensen & Skodvin Architects with Jan Olav Jensen in 1995, after a period of employement at various offices since 1988. He was the chief editor of Radio Nova in 1989 and has worked as a radio journalist. He was the master of the steel workshop at the School of Architecture and design from 1999 – 2004. He was the vice president of Norwegian Architects association from 2005 – 2008. He has been a censor and external critic at various Nordic universities. He is a frequent lecturer nationally and internationally. With Jan Olav Jensen he received the German Erich Schelling Award for architecture 2008.

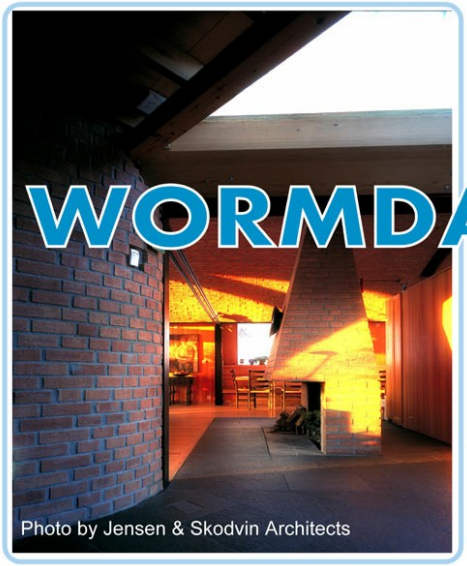


Photo by Jensen & Skodvin Architects

HOUSE WORMDAL/HAUG OSLO

HOUSE WORMDAL / HAUG, OSLO

Designed: 1986-89
Constructed: 1989-91
Architect: Jan Olav Jensen

House Wormdal/ Haug - Oslo

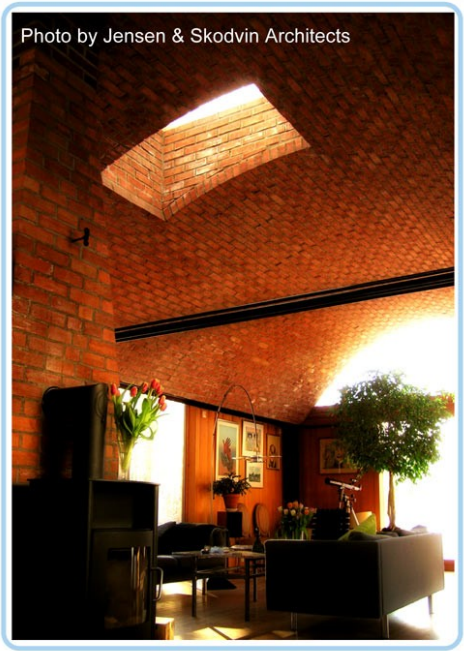


Photo by Jensen & Skodvin Architects

The house is situated on a site between outer and central areas of the city. The area has rare qualities for a city plot, large deciduous trees, ash, maple and oak, combined with a local topography that provides almost pastoral views in three directions.

The plan and section of the house is, among other things, an effort to emphasize the segregated character of the place. Turning its back on what is urban, while the rooms are given selective and exclusive views out towards the trees and what for a town is an unexpected, almost pastoral landscape. This "tailoring work", of managing the different views from the interior, has resulted in very different windows, with different detailing, for each room.

The vault covering the living room and kitchen is a structural hybrid, both a barrel vault (spanning between sidewalls) and a shell (spanning from gable to gable). The shell requires a large amount of tensional reinforcement on the two sides of the vault (where the walls or beams would be positioned when constructing a barrel vault). By structurally


Photo by Jensen & Skodvin Architects

regard what would otherwise be considered a steel beam as tensional reinforcement, the amount of material needed to span the room, and especially of steel, diminishes dramatically, thus opening up possibilities regarding openings in the sidewalls.

Part of the house was dramatically altered, on the request of the client, when construction was about half complete. This alteration, and also some irreversible mistakes on the part of the contractor requiring architectural "repair", introduced a level of complexity in the house that was not at all the initial intention. The detailing and furniture of the house are for a large part used to manage the faults and alterations during the construction. In this complex situation it has been important to reduce the number of elements, in an effort to retain some control over the composition. The handles on the furniture, for instance, are made as subtractions to avoid yet another element. This restriction necessitated about twenty different variants of handles, but no new element. Work on the house, though it is a new building, has sometimes given the impression of organizing a rehabilitation or reconstruction.

Photo by Jensen & Skodvin Architects

Photo by Jensen & Skodvin Architects

House Wormdal/Haug - Oslo
Jensen & Skodvin Architects

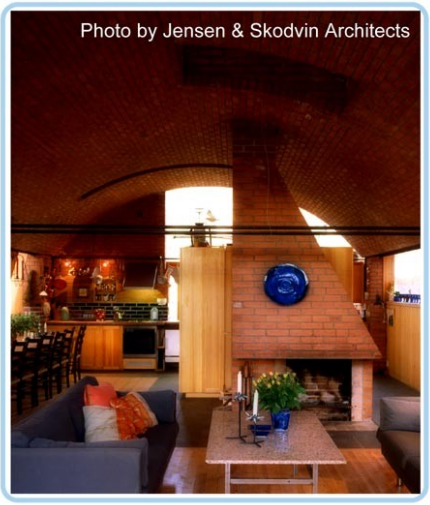
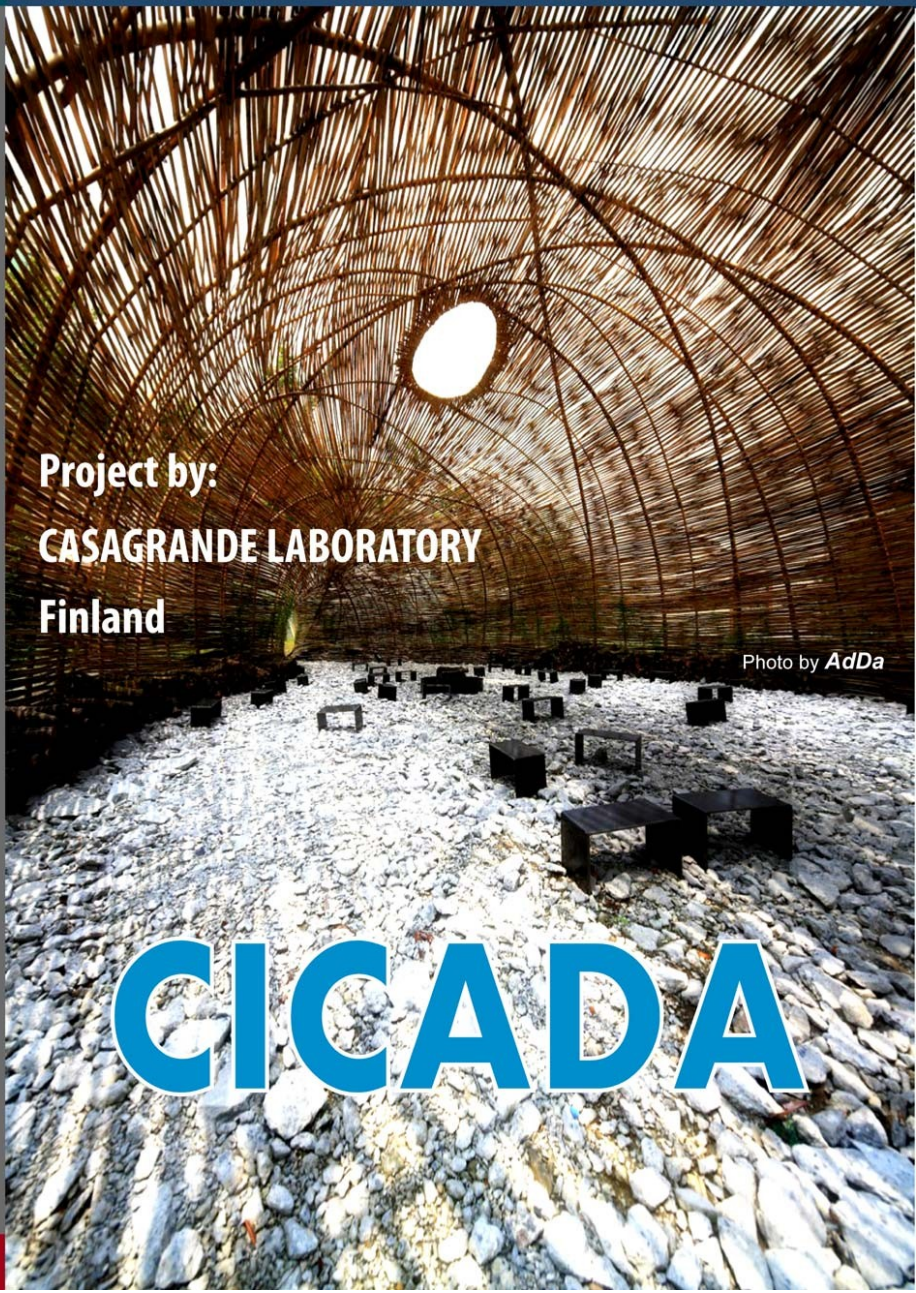


Photo by Jensen & Skodvin Architects



Project by:
CASAGRANDE LABORATORY
Finland

Photo by **AdDa**

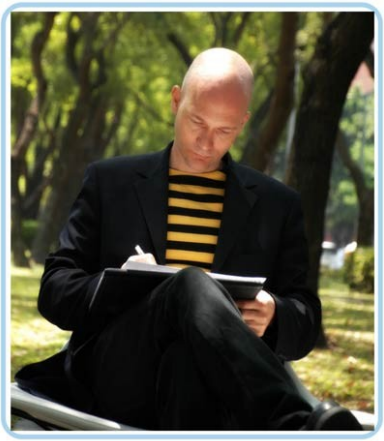
CICADA

CASAGRANDE Laboratory

Finland

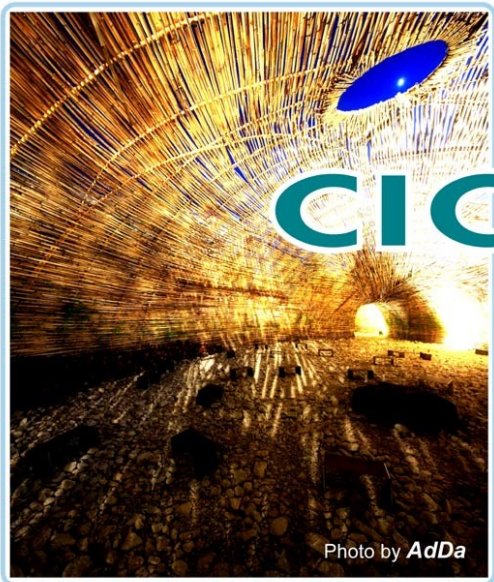
Marco Casagrande is a Finnish Architect born in 1971 in Turku, Finland. He graduated from the Helsinki University of Technology Department of Architecture in 2001. From the early stages of his career Casagrande started to mix architecture with other disciplines of art and science landing with a series of ecologically conscious architectural installations around the world.The widely published works have been exhibited three times in the Venice Architecture Biennale (2000, 2004 and 2006) and in Havana Biennale 2000, Firenze Biennial 2001, Yokohama Triennial2001, Montreal Biennial 2002, Puerto Rico Biennial 2002, Demeter Hokkaido 2002, Alaska Design Forum 2003, Echigo-Tsumari Triennial 2003, Taipei on the Move 2004, London Architecture Biennial 2004, Sensoria Melbourne 2004, Taiwan Design Expo 2005, Urban Flashes Mumbai 2006, 7-ELEVEN City 2007, World Architecture Festival 2009, Hong Kong & Shenzhen Bi-City Biennial 2009, Victoria & Albert Museum 2010, World Design Expo 2011, Hong Kong & Shenzhen Biennial of Architecture & Urbanism 2012 and Beaufort Triennial of Contemporary Art 2012 among others.

The works have been awarded in the Architectural Review's Emerging Architecture 1999, Borromini Award 2000, Mies Van Der Rohe Award 2001, Lorenzo Il Magnifico Award 2001, La Nuit Du Livre Award 2006, World Architecture Community Awards 2009, World Architecture Festival Award 2009, Architectural Review House Award 2010 and World Architecture Community Awards 2010 competitions.



Casagrande's works and teaching are moving freely in-between architecture, urban and environmental design and science, environmental art and circus adding up into cross-over architectural thinking of «commedia dell'architettura», a broad vision of built human environment tied into social drama and environmental awareness. «There is no other reality than nature». He views architects as design shamans merely interpreting what the bigger nature of the shared mind is transmitting.

Marco Casagrande is the Principal of the Casagrande Laboratory (2003-), a Finland based internationally operating cross-over architectural studio and a former co-owner of the Architect Office Casagrande & Rintala (1999-2003). Casagrande is WEAK! together with Hsieh Ying-Chun and Roan Ching-Yueh.



CICADA

Architect:
Marco Casagrande
Project Managers:
Delphine, Peng Hsiao-Ting / JUT Group
Nikita Wu / C-LAB
Casagrande Laboratory for Cicada:
Frank Chen, Yu-Chen Chiu, Shreya Nagrath, Arijit Sen
Location: Taipei City, Taiwan
Measures: 34 m long, 12 m wide, 8 m high
Interior space: 270 m2
Materials: bamboo, broken concrete, broken glass, steel, earth, creepers
Completed: 2011
Photos: AdDa

Cicada is an organic void in the mechanical texture of modern Taipei, a cocoon for post-industrial metamorphosis for industrial insects.

The architecture is based on the Local Knowledge of human scale flexible bamboo structures containing a high level of improvisation and insect mind - Open Form.

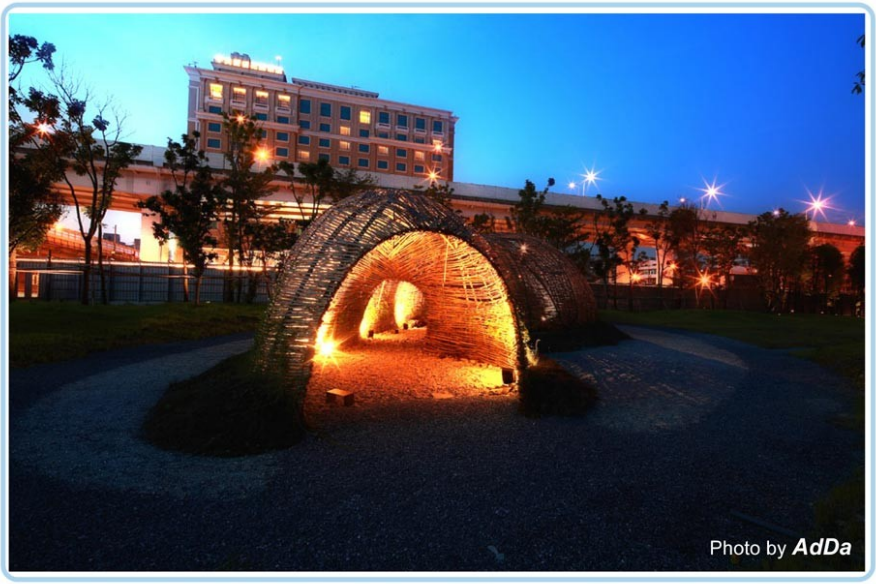
The Cicada is situated on a site in central Taipei waiting for development. Mean while it acts as a public sphere for the surrounding neighborhood and as lounge for university workshops and other spontaneous activities - public space.

As one enters the Cicada, the surrounding city disappears.

The cocoon is an interior space but totally outside - it is breathing, vibrating, soft and safe.

The space will swollow the modern man and will offer him a possibility to travel a thousand years back in order to realize, that the things are the same.

Cicada is insect architecture and the space is a public spehere.

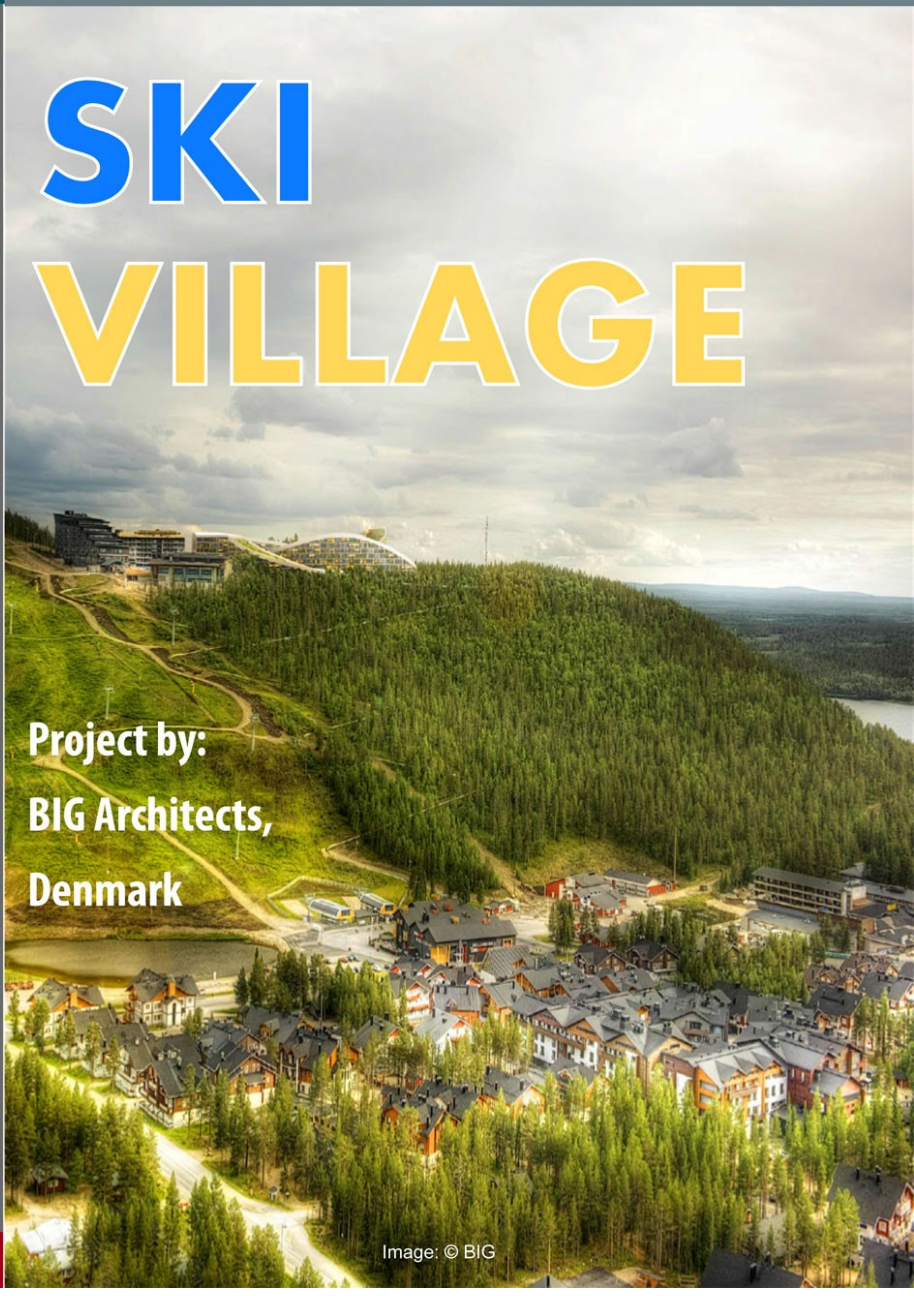


Cicada is urban acupuncture for Taipei city penetrating the hard surfaces of industrial lazyness in order to reach the original ground and get in touch with the collective Chi, the local knowledge that binds the people of Taipei basin with nature.

The cocoon of Cicada is an accidental mediator between the modern man and reality.

There is no other reality that nature.

SKI VILLAGE



Project by:
BIG Architects,
Denmark

Image: © BIG

BIG Architects

Denmark


Photo: Ulrik Jantzen

BIG is a leading international partnership of architects, designers, builders and thinkers operating within the fields of architecture, urbanism, research and development. The office is currently involved in a large number of projects throughout Europe, North America and Asia. BIG's architecture emerges out of a careful analysis of how contemporary life constantly evolves and changes, not least due to the influence from multicultural exchange, global economical flows and communication technologies that all together require new ways of architectural and urban organization.

BIG is led by partners – Bjarke Ingels, Andreas Klok Pedersen, Finn Nørkjær, David Zahle, Jakob Lange, Thomas Christoffersen and Managing Partners, Sheela Maini Søgaard and Kai-Uwe Bergmann – with offices in Copenhagen and New York.

BIG believes that in order to deal with today's challenges, architecture can profitably move into a field that has been largely unexplored. A pragmatic utopian architecture that steers clear of the petrifying pragmatism of boring boxes and the naïve utopian ideas of digital formalism. Through completed and ongoing projects BIG tests the effects of size and the balance of programmatic mixtures on the triple bottom line of the social, economic and ecological outcome.

Like a form of programmatic alchemy BIG creates architecture by mixing conventional ingredients such as living, leisure, working, parking and shopping. By hitting the fertile overlap between pragmatic and utopia, these architects once again find the freedom to change the surface of our planet, to better fit contemporary life forms, moving the focus from the small details to the BIG picture.

BIG's completed projects include The Mountain (2008), the World Architecture Festival Housing Award winner, Helsingør Psychiatric Hospital (2006), the Maritime Youth House (2004) and Copenhagen's Harbor 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's completed projects in 2010 include the Danish Pavilion at the 2010 World Expo in Shanghai and the 8 House, a 61,000 m2 mixed-used project including 500 residential units overlooking the reserve landscape of Kalvebod Commons in Ørestaden.

Current buildings under construction include the Danish Maritime Museum in Helsingør, a new Educational Centre on the Faroe Islands, the Shenzhen International Energy Mansion in China and West 57th Street in New York.

Website: www.big.dk
Email: big@big.dk

Name: Koutalaki Ski Village
Size: 47.000m2
Client: Kassiopeia Finland Oy
Location: Levi, Finland

Partners in Charge: Bjarke Ingels, Jakob Lange
Project Leader: Hanna Johansson
Team: David Tao, Erik de Haan, Jeff Mikolajewski, Jesper Victor Henriksson, Lucian Racovitan, Maren Allen

The future Ski Village will transform the existing Levi ski resort into a world class destination, offering top quality accommodation and leisure services for skiers of all levels and demands. The proximity to the Kittilä airport ensures easy access to the resort attracting international visitors to Levi village and the whole Lapland region. The Finland-based developer Kassiopeia Finland Oy is investing in its local region as it currently owns and operates Hotel Levi Panorama, Levi Summit Congress Center and Hotel K5 Levi and above and beyond has interests in developing the exquisite Koutalaki area.

"BIG's visionary approach of combining unique types of accommodation and amenities along with the leisure activities offered at the resort, left the jury in awe. BIG's ambitious plan challenges traditional thinking and we believe that the collaboration between Kassiopeia Finland and BIG Bjarke Ingels Group will rise to the occasion." **Jury, Kassiopeia Finland Oy.**

Located on a gentle slope, the existing Levi ski center

Image: © BIG

provides the framework for the future Koutalaki Ski Village which is conceived as an extension of the summit and the existing cluster of buildings in Koutalaki. BIG proposes to create a series of buildings that radiate out from a central square and whose ends touch the ground to create four freestanding buildings that each provide access to the roof and allow the skiers to descend from the resort's rooftop downhill in any direction. The soft curves of the undulating roofs of the four buildings create a visual continuity of the natural landscape while lending the whole village the unique character of a skislope skyline that creates an inhabited mountain top.

"The Koutalaki Ski Village is conceived as an extension of both the summit and the resort. Grown from the natural topography rather than dropped from the sky – the architecture extends the organic forms of natural landscape creating an inhabitable as well as skiable manmade mountain. As a result, our design for the Koutalaki Ski Village creates a new hybrid integrating distinct identities such as village and resort, shelter and openness, cozy intimacy and natural majesty, unique character and careful continuity – or simply - architecture and landscape." **Bjarke Ingels, Founder & Partner, BIG.**

Image: © BIG

The four buildings arc around a central square to create a new bustling village plaza at the heart of the resort, which is sheltered from the wind yet open and inviting to the surrounding landscape. The plaza allows ice skating and music events and is connected to a bowl like yard with cafés and bars created by the lower interior heights of the new buildings. The intimate atmosphere of the spaces created here contrasts the open views from the summit. The whole resort area is connected through a network

of paths that prioritizes skiers and pedestrians. Access to the roofs happens through central elevator cores allowing skiing down either towards the courtyard or the piste. An elevator located centrally in the hotel provides access to the roof top restaurant with a 360 degree panorama views of the landscape and plaza.

"*When first visiting the future Koutalaki village site you realize the proximity to the ski slopes but at the same time the importance of creating a connection for skiers as well. The gentle slope away from the main ski system seems to offer the solution for a unified proposal that creates maximum connectivity for skiers and pedestrians.*" **Jakob Lange, Partner-in-Charge, BIG.**


Image: © BIG


Image: © BIG

All accommodation units offered at the new resort enjoy beautiful views of the surrounding nature, including the eight private villas which are situated at different elevations to provide an undisturbed panorama, while the elevated private gardens serve as an extension of the landscape. The villas embrace the snowy landscape and allow the snow in all its forms become a part of the architecture itself.

"Instead of creating design solutions that aim at dealing with snow by shoveling or moving it, we want to create a village that utilizes the full potential of snow. When it is caught on the façade the window frames become a living part of the landscape, adapting to changes in the weather. The light granite façade enhances the intimate relation with the nature. " **Hanna Johansson, Project Leader, BIG.**

While the four buildings simulate real ski slopes during winter time, combining the essence of a ski resort - skiing, relaxation, recreation and dwelling, the roofscape of the buildings during summer will be just as attractive serving as a green continuum of the surrounding natural landscape for hiking and picnics.

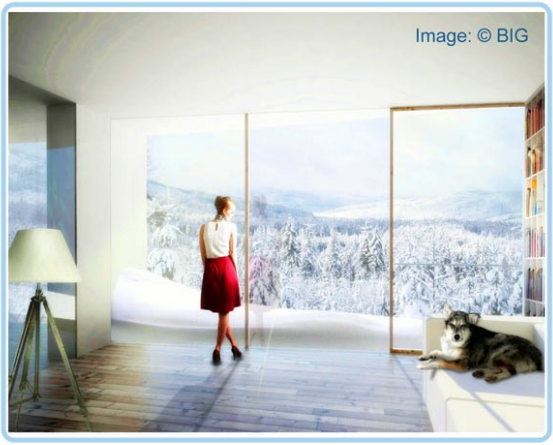


Image: © BIG

SKI VILLAGE by BIG DENMARK

City Hall Bronckhorst

Photo by Petra Appelhof

Project by:

Atelier PRO Architects

Netherlands

Atelier PRO Architects

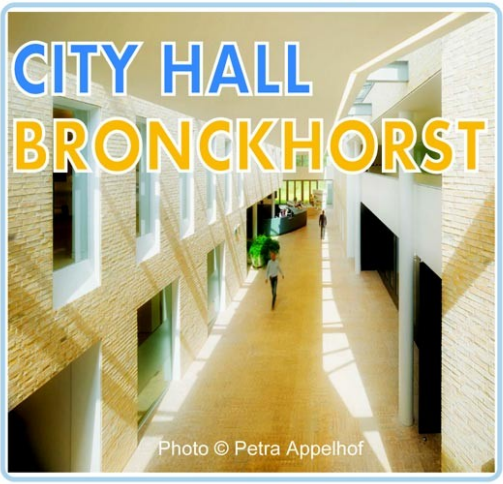
Netherlands

The Office
Atelier PRO is an architectural office in The Hague. We continue to innovate in the field of architecture, urban planning, interior design, building management and building cost management. For more than 35 years we have been working from a splendid location in the so-called 'Archipelago' quarter of town: a green dune strip where our office has been subtly inserted. In this built manifesto, we create well considered designs for challenging locations, often with extraordinary programme requirements.

Our mission
In the designs produced by atelier PRO, the context (the genius loci, 'spirit of the location') is explicitly taken as a source of inspiration. Our aim is to supply a positive contribution to that context – not to impede but rather to reinforce and further develop the existing qualities. In this way, atelier PRO takes a stand against present-day practices in urban planning and architecture. A building must not constitute an assault on the urban landscape, but be a heart-felt contribution to it.


Photo by Joeri van Beek

Passion and precision
Within our office, we encourage all professional disciplines to reinforce one another. We have created a working environment where talented designers and practiced urban planners are given the opportunity to make their architectural dreams come true. It is a situation where everyone is allowed to be successful and thrive. In doing so, atelier PRO wishes to actively stimulate new talent. The great merit is that our buildings and surroundings also remain extremely recognizable. The scope for talent, in combination with passion and precision, enables us to create individual buildings that are innovative and sound.



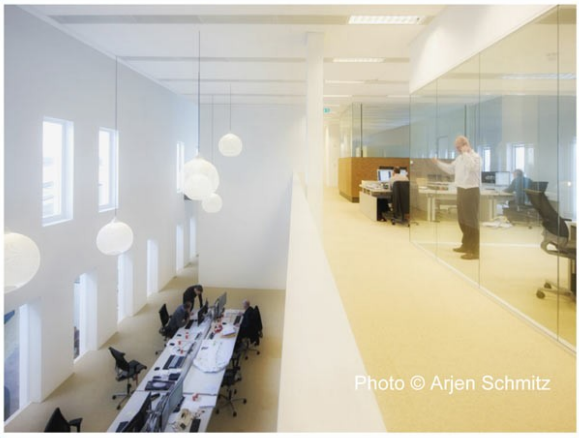
Address	Elderinkweg, Hengelo (GLD), the Netherlands
Gross floor area m²	7,573 m²
Client	Municipality of Bronckhorst
Architect	Atelier PRO architekten bv
Project architects	Dorte Kristensen and Christina Kaiser
Project engineers	Christina Kaiser (design) / Ronald Peters (implementation)
Interior architect	Tamara van Spronsen
Landscape architect	Eline Keus
Project co-operators	Paul Vlaar, Paul Verhaar,Thijs klinkhamer, John Koks, Ido de Boer,Robert Witteman, André Sarelse, Chiara Poggi, Priet Jokhan, Johan Hendriks
Contract administration	Atelier PRO/ Ernstjan Cornelis, Ronald Peters
Contractor	Bam Utiliteitsbouw Arnhem

City hall

Bronckhorst with office functions, conference room, reception and boardroom.

The design is special because of the consistent use of passive building techniques, unique in the Netherlands. This forms a solid foundation for a highly energy efficient building.

This town hall building is exceptionally sustainable and extremely energy efficient, integrated into the landscape of the Achterhoek in the Netherlands.



On January 1, 2005, five small municipalities in the Achterhoek (Gelderland) merged and became the single local municipality Bronckhorst. This brings together around forty villages and hamlets to form one of the largest rural municipalities in the Netherlands with almost 40,000 residents. Atelier PRO designed a town hall for this municipality. The building convincingly and elegantly symbolises the new administrative unit. The unique surroundings of the Gelderland landscape provided inspiration for crystalline shape of the building.

Achterhoek has a slightly sloping landscape. Brooks run into the Oude river and Gelderse IJssel. The views are framed by clusters of trees and hedges. The agrarian plots are angular and proceed in series of straight lines at angles to each another. The design of the town hall is a graceful


Photo © Petra Appelhof

reaction on to the surroundings.

Here civil servants work, the council make its decisions, and the citizens are served – all in the clearest and most transparent possible way!

The two office wings project slightly outwards and have been positioned next to each other on a wedge-shaped site between the Elderinkweg and a brook near the Rondweg that runs past the village of Hengelo. The wings are different heights and have gently sloping roofs. Openings have been introduced in both inner sides at the middle of the wings: a high one for the council chamber, a low one for the public counters. Passers-by on the Rondweg see the large window of the council chamber, while the councillors have a view of the church spire of Hengelo, greenery and farms. The central corridor has skylights that allow sunlight to illuminate the yellow-white brick walls and the wooden floor.

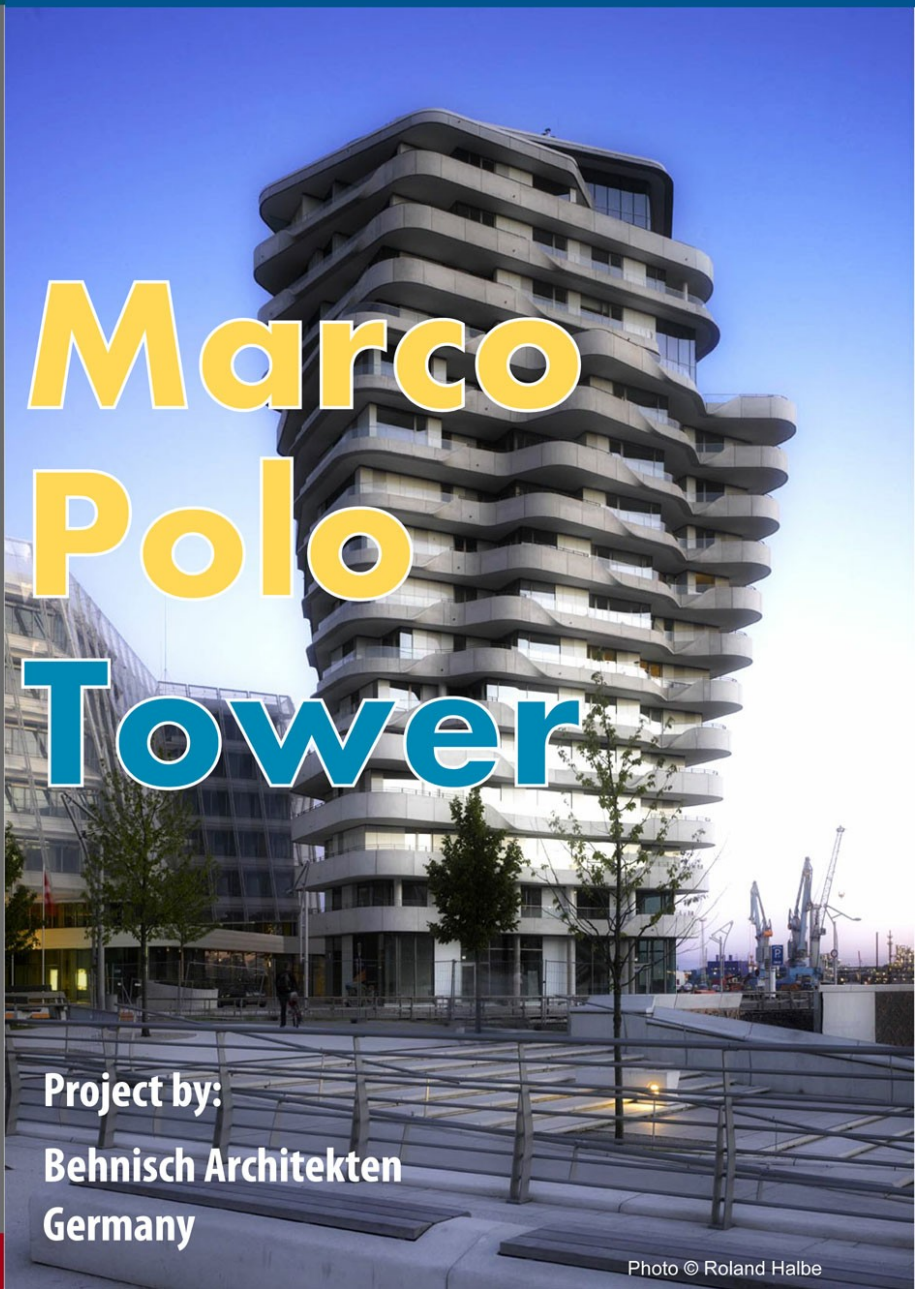
Bronckhorst has been given a town hall with an extremely low energy consumption. Applying the principles of passive building design has made it possible to achieve an EPQ of 0.36. This means its energy consumption is only 36 per cent of what is permitted according to Dutch building regulations. As far as we are aware, this has never before been achieved in the Netherlands. The principles of passive building were applied with common sense. The ventilation is guided by CO2-monitoring and never drops below one-third of the minimum. The building has the highest possible Green Calc A+ Label. The shutters around the building are an eloquent example of intelligent application of the principles of passive building. They are intended to keep an excess of solar warmth outside to prevent the building from overheating in the daytime. At night, or when the movement of people is not detected, the shutters can close to retain warmth inside the building. The 280 insulating shutters were decorated with a relief by the artist Jaap Drupsteen. For the forty villages and hamlets, Bronckhorst Town Hall has become a calm, reticent place that occupies a worthy position in the scenic landscape of the Achterhoek.


Photo © Arjen Schmitz

Interior

Atelier PRO envisaged a symbiotic relation between the interior, exterior and its surroundings, the scale of the three must reinforce each other. A building is not an introverted object in the landscape or the city, and an interior is not an after thought, but an integral part of the design. The interior therefore also exudes the atmosphere of the building and the surroundings. The interaction between interior and exterior are manipulated subtly to achieve the cohesion of mood and character.

CITY HALL BRONCKHORST
By Atelie PRO Architects



Marco Polo Tower

Project by:

Behnisch Architekten
Germany

Photo © Roland Halbe

Behnisch Architekten

Germany

Behnisch Architekten was founded in 1989 and works out of four offices – Stuttgart, Munich, Boston and Los Angeles.

Since the foundation of the firm, the social dimension of architecture has been a fundamental aspect of its design philosophy.

Over the years it has gained a reputation as a practice with in-depth experience in sustainable architecture, and many of its buildings received international awards.

These offices are directed by Stefan Behnisch and his partners in varying combinations.

The Partners are David Cook, Martin Haas, Robert Hösle, Christof Jantzen, Robert Matthew Noblett and Stefan Rappold.

Stefan Behnisch is involved in all four offices.

Behnisch Architekten realised, among others, the Institute for Forestry and Nature Research in Wageningen, The Netherlands; the Genzyme Center in Cambridge, MA; the Terrence Donnelly Centre for Cellular and Biomolecular Research for the University of Toronto; the Unilever Headquarters and the Marco Polo Tower in Hamburg's HafenCity; the Speed Skating Stadium Max Aicher Arena in Bavarian Inzell, and the new administrative building for the World Intellectual Property Organisation (WIPO) in Geneva.

www.behnisch.com

Architect:	Behnisch Architekten, Stuttgart (Stefan Behnisch, David Cook, Martin Haas)
Client:	Projektgesellschaft Marco Polo Tower GmbH
Completion:	2010

Marco Polo TOWER

Photo © Roland Halbe

hamburg's HafenCity is to-date the largest urban development area in Europe. Located on"Großer Grasbrook", an isle in the River Elbe against a backdrop of the historical bonded warehouses of Hamburg's Speicherstadt, a thriving new city quarter, combining living, working, cultural, educational, recreational and tourist opportunities, is quickly maturing.

Sited directly on the north bank of the Elbe, commanding one of HafenCity's most prominent positions stands the Marco Polo Tower. Directly adjacent to the new Unilever headquarters, between the Elbphilharmonie and the Science Center, the 55 metre high residential tower is among the outstanding architectural landmarks of the HafenCity.


Photo © Roland Halbe

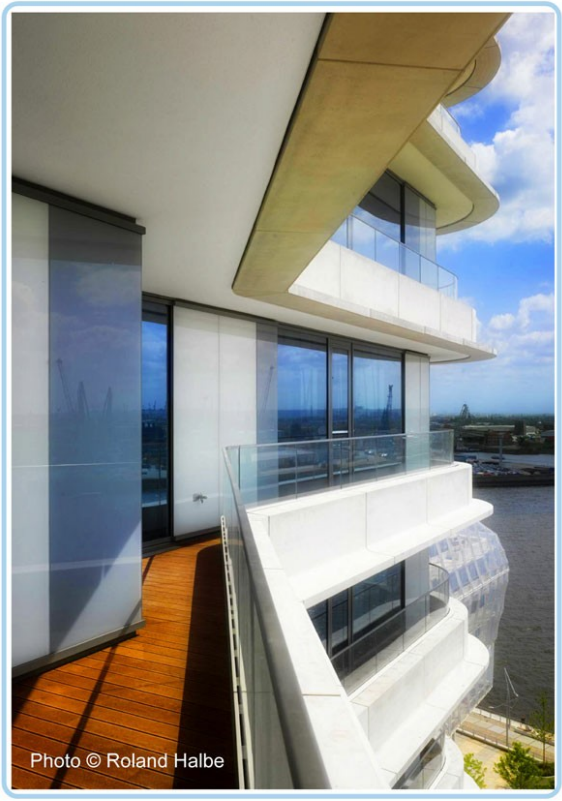


Photo © Roland Halbe

It is a uniquely sculptured building, its form and arrangement enhancing Hamburg's silhouette along the Elbe.

The 17 floors are each turned a few degrees around a central axis, allowing all 58 apartments spectacular views over the Elbe, the Hamburg cityscape, the working harbour and HafenCity.

Generous balconies around its perimeter extend living areas out in all directions; the soft play of lines lending the tower its distinctive image.

The free and playful form of the terraces and projecting balconies above guide the visitor into the representative, multi-storey reception lobby where they will be personally greeted by a concierge. The contrast between carefully selected materials - warm woods, leatherwork and matt lacquered finishes, is intended to encourage one to linger. An elegant ash-slatted structure unites the various floor levels of the entrance lobby and contributes to a welcoming atmosphere. The centrepiece of the lobby is the bespoke multi-functional reception counter. Resembling the tower's cantilevered balconies, it is seen as an object floating in the atrium.

Covered in white leather, the counter not only offers the concierge an optimal working place, but also

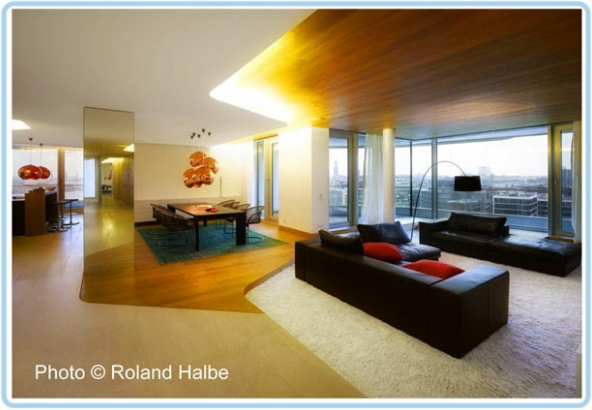


Photo © Roland Halbe

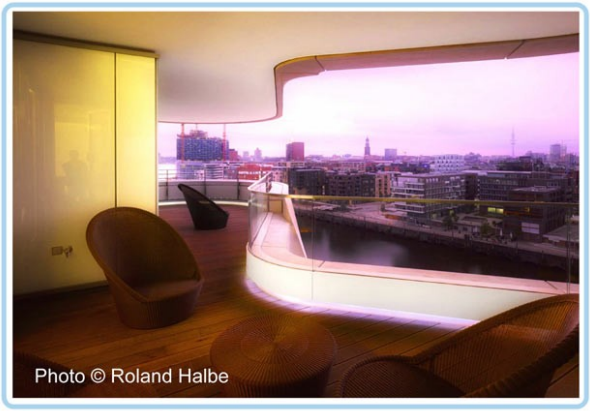


Photo © Roland Halbe

provides storage space and attractive seating for waiting visitors.

From the second floor upwards there are 15 floors of apartments.

The contrast between orthogonally ordered internal spaces and the 'organic' design of the perimeter balconies provides an interesting visual tension and adds to the spatial experience of the interiors. The balconies serve as an extension of the living areas and are protected by a combination of bands of either solid or transparent balustrades, which again emphasize the tower's dynamic sculptural form.

Although high up in the air, generous balconies reaching out in all directions afford each of the apartments qualities normally associated with ground level living; providing a contemporary urban interpretation of the "individual residence with garden".

Energy Concept:

The Marco Polo Tower brings together a high-end residential project with a holistic ecological building concept. Passive measures are combined with state-of-the-art technologies.

The recessed façades are protected from direct sun by the carefully controlled forms of the projecting balconies in order that additional external shading is not required.

MARCO POLO TOWER

BEHNISCH ARCHITEKTEN GERMANY

Heat is supplied from the district heating system and in accordance with the technical requirements for connections prescribed by the supplier Vattenfall, i.e., indirect connection via a plate heat exchanger with a capacity of 500 kW. Solar collectors on the uppermost roof provide the necessary energy for the generation of warm water for the apartments and the communal fitness area.

If demand exceeds the capacity of the solar collectors, for example in winter or the in the shoulder seasons, then additional energy can be supplied via regulating valves from the district heating system.

Cooling is generated by a roof-mounted, solar-driven absorption chiller plant. A field of vacuum collectors and a heat exchanger, convert heat into a cooling supply; ensuring environment-friendly cooling of the individual apartments. A buffer store allows for solar gains to be used to regenerate the absorption chiller. To avoid the formation of haze and the subsequent risk of veils of small water drops covering the collector surfaces, heat is expelled through a closed hybrid cooling tower.

Along with generous glazing there are also large areas of opaque façades. These closed wall elements not only reduce heat loss in winter but also serve as thermal heat storage elements, important to ameliorate interior temperature comfort levels.

HOUSE In the Outskirts of BRUSSELS

Project by:

PHILIPPE SAMYN AND PARTNERS

Belgium

PHOTO : Marie-Françoise Plissart

PHILIPPE SAMYN AND PARTNERS

Belgium

Introduction

Philippe SAMYN and PARTNERS sprl-bvba, founded in 1980, is a private company owned by its partners and lead by its design Partner Dr Ir Philippe SAMYN. With its affiliated companies Ingenieursbureau Jan MEIJER (founded in 1976), FTI (founded in 1985), DAE (founded in 1994) and AirSR (founded in 2003), it is active in all fields of architecture and building engineering.

Philippe Samyn's architectural and engineering design approach is based on questioning, which can be summarised as a "why" methodology. The firm approaches projects openly to all sorts of possibilities whilst listening closely to its clients demands.

Its projects are often published in the international specialised press.

Professionnal services

The firm's client services include Planning and Programming, Urban Planning, Landscaping and Architectural Design, Interior Design, Building Physics, MEP and Structural Engineering, Project and Construction Management, Cost and Planning Control, Quantity Surveying, Safety and Health Coordination. It relies also on the staff and abilities of its subsidiaries:

- Structural engineering: Ingenieursbureau Jan MEIJER bvba
- MEP engineering: FTI sa
- Fluid Mechanics: AirSR sprl
- Hotel architecture: DAE bvba

Academic activities

Staff members are involved in architectural and professional organisations,

Research & Development

as well as academic and R&D activities including teaching, research and development.

STAFF

The firm currently has a staff of 41 architects and engineers, of which 10 partners. The group is composed of 95 persons,

Equipement

The firm's office space occupies 2,500 sqm with a car park for 30 vehicles on a 3,150 sqm plot of land. The offices are equipped with 140 workstations, conference rooms, libraries, a printing centre and a class room, All projects are designed and managed on 59 CAD workstations and 14 administrative workstations,

CERTIFICATIONS & LABELS

The company owns the following certification labels:

ISO 9001: 2008 since 2000-02-14, ISO 14001: 2004 since 2007-12-17, VALIDEO since 2009-06-24.

MANAGEMENT

Partners : Philippe Samyn, Denis Mélotte, Antonio Quiñones, Ghislain André, Johan Van Rompaey, Jacques Ceyssens, Quentin Steyaert, Benedetto Calcagno, André Charon, Thierry Henrard, Domenico Olivari, Åsa Decorte et Dimosthenis Spantouris.

Associate Partners: France Defrenne, Olivier Jottard, Jean-Charles Puechblanc et Mehdi Chtourou.

HOUSE in BRUSSELS

PHOTO : Marie-Françoise Plissart

Services

- Landscaping.
- Architecture.
- Interior architecture.
- Structural engineering, in collaboration with Sagec.
- Mechanical, Electrical, Plumbing Engineering, in collaboration with FTI.
- Quantity surveying.
- Project management.
- Construction site management.

This house for an artist includes the street level of an existing small house. It now houses the entry hall, a family room and a kitchen; the living-room and the stairway are in the extension to the building.

The second floor includes the master bedroom with its bathroom, as well as five children's rooms and sanitary installations. They are equipped with a mezzanine protected by textile netting that will lead to the glassed-wall facade.

The house presents curved and vegetalised facades that are very private and closed to the neighbours to the north, the east and the south. In contrast, the west facade is entirely glass-walled as if it were one huge partitioned window.

It is planned that Immense translucid white polyester curtains in widths of 1.6 m suspended from the top of the structure to the ground floor would run along this great « window » to ensure shade in the summer months.

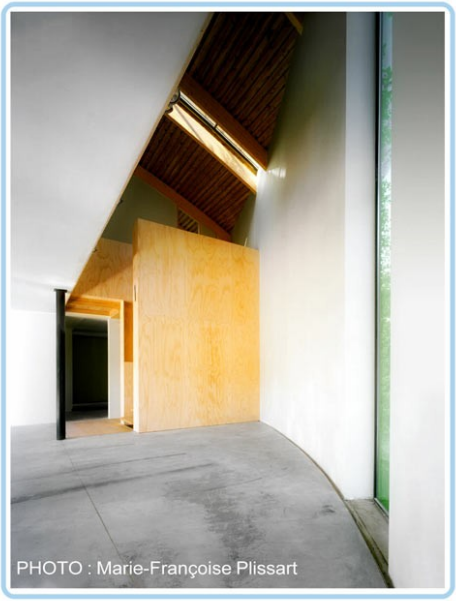


PHOTO : Marie-Françoise Plissart

PHOTO : Marie-Françoise Plissart


PHOTO : Marie-Françoise Plissart

Initially conceived as a wall of ivy with a patinated copper roof, the vegetalised facade is finally composed of a selection of exotic plants chosen by the botanical artist Patrick Blanc, and extends to cover the roof.

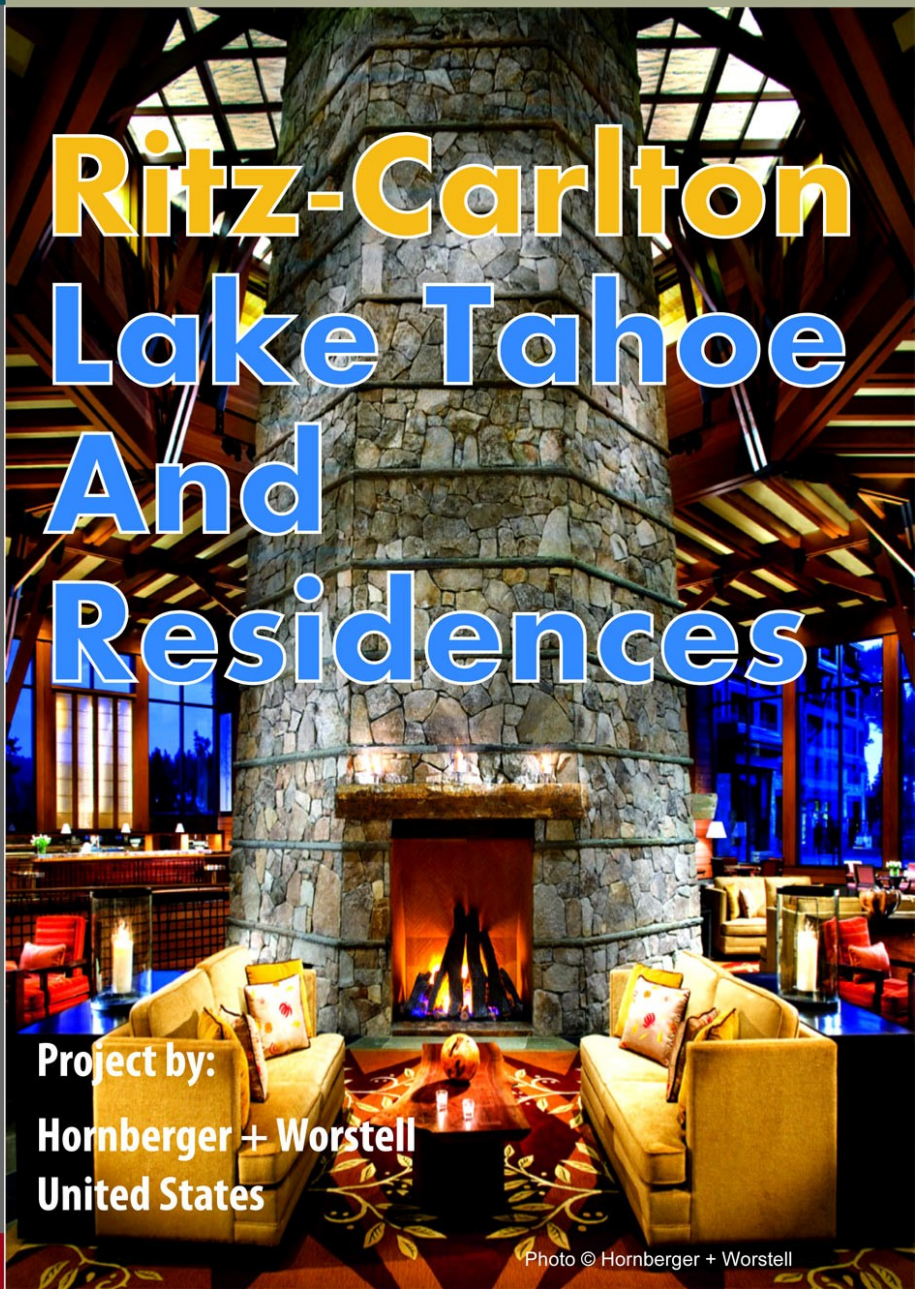
We had to design the structure, the insulation, and the water-tightness of the envelope and resolve the building physics issues in order to receive the necessary support systems, irrigation and fertilisation systems for the plants that are set into a felt support stapled to rigid PVC panels.

HOUSE IN THE OUTSKIRTS OF BRUSSELS

By PHILIPPE SAMYN and PARTNERS


PHOTO : Marie-Françoise Plissart

Ritz-Carlton Lake Tahoe And Residences



Project by:

Hornberger + Worstell
United States

Photo © Hornberger + Worstell

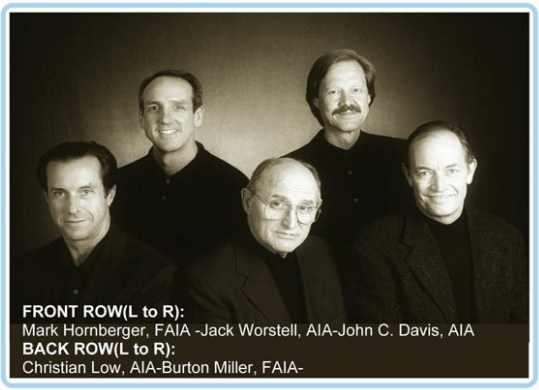
Hornberger + Worstell

United States

Hornberger + Worstell, an architecture firm based in San Francisco, is recognized for its expertise in the master planning and design of destination resorts, urban business and conference hotels, recreation and wellness facilities, academic and residential communities, and mixed-use complexes, as well as the rehabilitation and modernization of historic structures.

Yet it transcends market distinctions to plumb the panoply of needs and desires that thoughtful, well-made buildings can satisfy: the creation of environments where multiple uses are brought comfortably together, intricate buildings find their place in sensitive sites, and the individual discovers intimate moments in the communal realm. This expertise is embodied in our staff, who are characterized by long service in the industry and—more particularly—at Hornberger + Worstell, where professional relationships are nurtured, young practitioners are mentored, and knowledge is systematically refined and conveyed.

We understand not only the space needs of our clients, but their business needs, as well. Consequently, we collaborate in development strategy, financing, market situation-the many concerns that underlie any decision to build. We navigate the entitlement process and monitor the impact of programmatic and construction decisions on project costs. We attend to the needs of owners, operators, staff, and the end user—the customer, the student, the guest—to create memorable value for all who are touched by the project. And one of our principals is intimately involved in every project we undertake.



FRONT ROW(L to R):
Mark Hornberger, FAIA -Jack Worstell, AIA-John C. Davis, AIA
BACK ROW(L to R):
Christian Low, AIA-Burton Miller, FAIA-

Expertise and involvement foster invention-not for its own sake, not to shock or to make the cover of a magazine, but for the sake of a richer experience of the world. Rather than striving for a recognizable style, we construct inventive and enduring relationships—between the historic and the contemporary, between the individual and the group, between lightness and weight—and, significantly, if less visibly, between finance and form. The result is a deep appropriateness and true sustainability.

This 5-star

Ritz-Carlton Lake Tahoe provides the highest level of luxury in the Lake Tahoe region.

Designed as a series of linked pavilions tucked into the contour of the hillside, the 5-story resort includes 170 luxury suites, a 6,000 square foot ballroom, a 15,000 square foot fitness center, an upscale restaurant, and underground parking.

The LEED Silver Lodge is one of the few true ski-in/ski-out resorts in the world.

Guests are a gondola ride away from The Village at Northstar located adjacent to the hotel's mountaintop location at 6,900 feet.

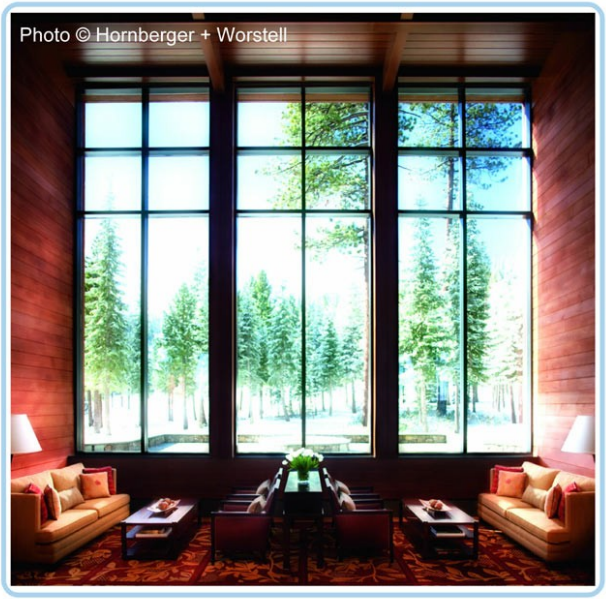


Photo © Hornberger + Worstell

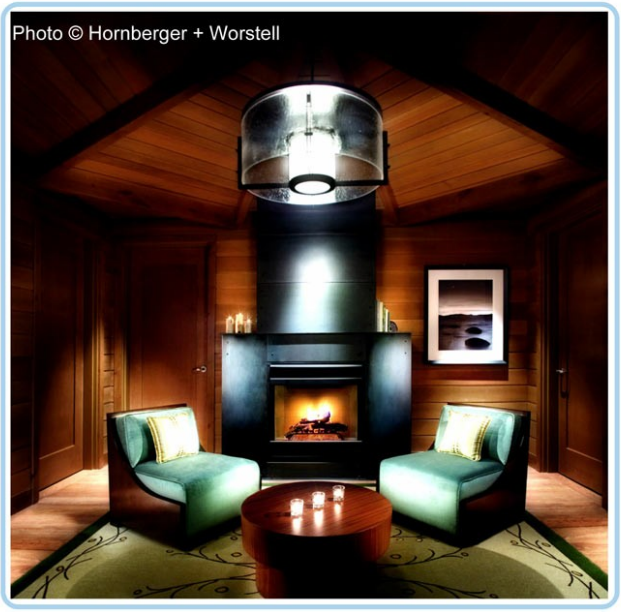


Photo © Hornberger + Worstell

Guests first experience the hotel by entering the multi-story, octagonal "Head House" with its 55 foot high weathered granite fireplace column, and 25 foot high windows that provide views of the surrounding forest and ski slopes in many directions.

The sophisticated rusticity continues as a theme throughout the project.

The publisher Conde Nast listed The Ritz Carlton Lake Tahoe and Residences as America's Number 5, Ski Resort in 2011.

The Ritz-Carlton Lake Tahoe is an excellent example of Hornberger + Worstell's ability to create a contextually appropriate


Photo © Hornberger + Worstell

design solution that features high quality materials and detailing.

RITZ-CARLTON LAKE TAHOE AND RESIDENCES

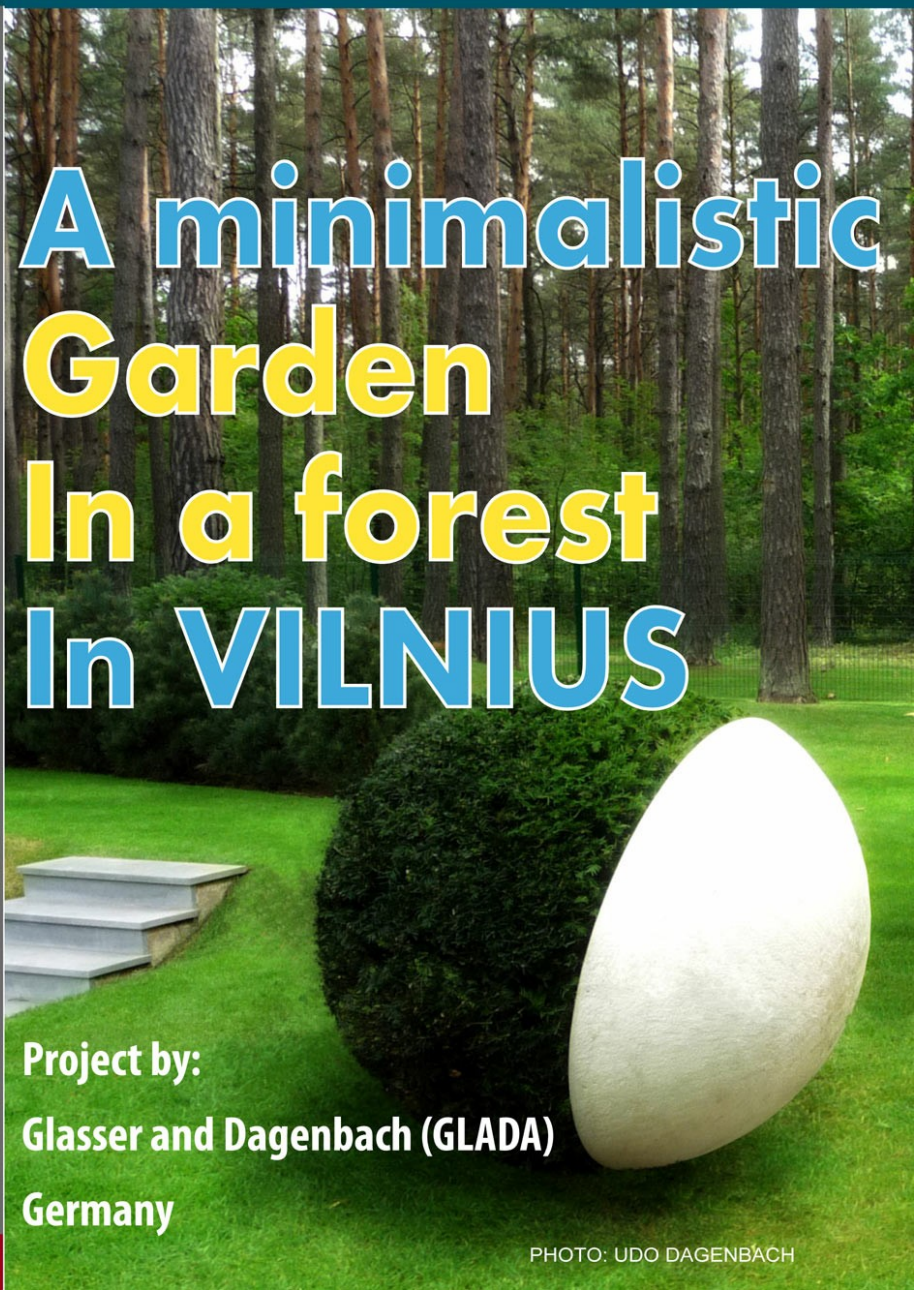
By

HORNBERGER + WORSTELL


Photo © Hornberger + Worstell

Photo © Hornberger + Worstell

A minimalistic Garden In a forest In VILNIUS



Project by:

Glasser and Dagenbach (GLADA)

Germany

PHOTO: UDO DAGENBACH

GLASSER and DAGENBACH

Germany

Partnership dedicated to high quality Landscape and Garden Architecture.

Colleagues Silvia. Glaßer and Udo. Dagenbach formed the Partnership during 1988.

Mrs. Silvia Glaßer

University Diploma (Landscape Architect) . University of
Nuertingen 1985
State approved Gardner – specialized in perennials

Mr. Udo Dagenbach

University Diploma (Landscape Architect)), Technical University (Berlin) 1986
State approved landscape gardener
Stone sculpting since 1994
guest student at the University of Art , Berlin at Makoto Fujiwara´s stone sculpting class
1985.1987 Colleague of the Japanese sculptor Professor Makoto Fujiwara – main project sculpture and garden at the Bundesanstalt für Geowissenschaften Hannover - land art project

Office team:

mostly 3 landscape architects, 2 drafts women, 2 -3 technical assistants

The office is engaged mainly in new construction of public parks and private hotel, wellness and Resort projects.

Reconstruction of listed gardens and parks are very welcome projects too.Beside regular bread and butter work the team likes to cross the border to land art and sculpture.

Clients:

Clients are both public and private as for example::
Travel Charme Hotels & Resorts AG, Zürich (CH),City Hall of Berlin,Germany, City Hall of Batumi ,Georgia –Republic of Adjara, Gazprom (Resorts Devision), Aspria Holding NL London (Wellness and spa clubs)
miesvanderrohehaus gallery Berlin ,Germany, Development solutions Moscow, Russia (businessparks)

Awards:

German landscape architecture award bdla – 2007 1 prize
Austrian daylight spaces international design and architecture award 2007 – 1 prize
Made in Germany – chapter landscape – Braun publishers ,Hamburg , Germany 2007 - 2nd prize

GLADA TEAM

Silvia Glasser, Marina Kanzler, Sabrina Schroeder, Udo Dagenbach, Katanja Schulz, Sabine Linke

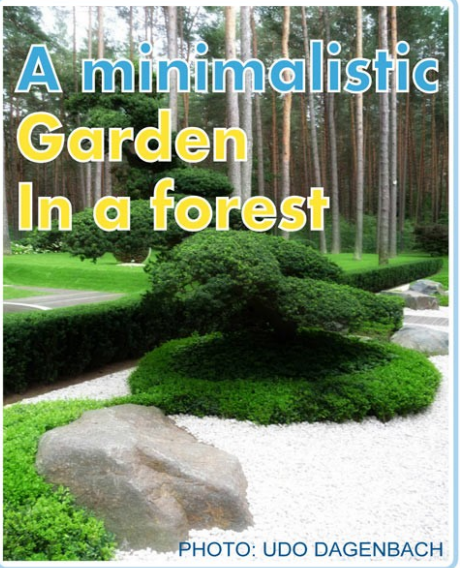


PHOTO: UDO DAGENBACH

PROJECT FACTS:

Location/ place: Vilnius, Lithuania
Designer/ landscape architects: Udo Dagenbach, glasser and dagenbach landscape architects
Photographer: Udo Dagenbach
Architect of the building: Alfredas Trimonis hkt-architects Hamburg
Completion date: 2009
Colaborators: steel work: KMB Berlin – plants: Bruns nurseries Bad Zwischenahn - natural stonework: Franken-Schotter company Treuchtlingen Germany
Company carrying out greenery: lanshaftdizainas Vilnius – Mr. Igor Artuschenko
Site area /Dimensional data: 4,000 square metres
Plants: Taxus media Hillii; Taxus cuspidata bonsai, Rhododendron, Hydrangea macrophylla, Acer palmatum atropurpureum, Bonsai Taxus cuspidata; Geranium Rozanne, Penisetum Compressum; Pachysandra terminalis, Groundcover roses
Materials:
Stones for sculptures: jurrasic marble from southern Germany
Gravel in Japanese garden: quarzite gravel from Eiffel region Germany
Paving around house: grey chinese granite

A MINIMALISTIC GARDEN IN A FOREST

In 2008 we were asked to design the garden of a modernist style villa in a pine tree forest close to Vilnius the capital of Lithuania. The building and the raw structures of the surrounding were designed by architect Alfredas Trimonis –HKT architects in Hamburg.

The owner liked our sculptural projects and asked for a minimalistic approach to the garden design. The whole spot takes its specific atmosphere from two elements: Horizontal perfectly-maintained lawn and very high vertical pine tree stems.

This creates a kind of melancholic, meditative mood which is very close to Japanese garden themes. The villa "sucks" in this forest mood using windows from the bottom to the ceiling. So you always see a part of the garden/forest from inside. In a wooden paving of an outdoor terrace the designers cut a rectangular hole. In this hole they arranged a cuboid sculpture representing the most possible reduction of a garden: half jurassic marble and half clipped yew.

PHOTO: UDO DAGENBACH

PHOTO: UDO DAGENBACH

In a buxus cuboid in the lawn they placed a spherical bronze calotte with various circular opening spread – like a star sky. At night it is lit from inside.

At the backside of the house the designers arranged a spherical garden by creating a ball-shaped sculpture in the lawn between the vertical pine tree stems.

One third consist of Jurassic marble – the other two thirds is again clipped yew.

Other parts of the garden close to the living room and sauna a designed as japanese dry landscape garden with gravel, diabas stones, 90 years old Taxus cuspidata Bonsais from Japan and amorphous clipped buxus sempervirens.

In the line of the japanese garden another sculpture shaped as a discus is arranged. This time we wanted to have a garden element which looses any connection with gravity. That is why we created the top of the 1,4 m diameter discus as a levitating Jurassic marble stone.

Below Taxus media hillii was planted thus the complete shape of the discus is visible.

The discus got stainless steel stanchions which are shaped like stork feet anchored in concrete outside the discus axis. Stone and Yew are connected symbolic by a bronze disc.

PHOTO: UDO DAGENBACH

GLADA's Philosophy: Gardens and Parks are Backdrops

The settings of gardens and parks form backdrops before which visitors, whether public or private, are able to act out a role in their very own play. The manner in which we approach the design of gardens, parks and landscapes depends entirely on the character of the space and how it will ultimately be used.

We consider both the shape and structure of the existing surroundings and, naturally, the needs and wants of the visitors or clients, and then act as an intermediary and instigator between the space and the user.

We see ourselves as a tool which can be used to lend shape and expression to the conscious and subconscious wishes of clients or visitors.

The design must be strong and clear so as to bestow lasting energy, expression and purpose upon the open space we have crafted.

Our aim is to create gardens and parks with which we can identify on an emotional level, yet which still retain a lasting, timeless clarity.

Our garden-creations are therefore not restricted by genre. We are able to bring our ideas to fruition whatever the desired style.

A contemporary style is neither a prerequisite nor a hindrance to achieving high-quality design.


PHOTO: UDO DAGENBACH

PHOTO: UDO DAGENBACH

BALTHAZAR BAR/ RESTAURANT

Project by:

Paul Burnham Architect
Australia

Photo by John Chisholm

PAUL BURNHAM

Australia

Paul Burnham Architect Pty Ltd is a small private practice based in Perth, Western Australia.
Paul Burnham commenced the practice in Australia in 1990 after several years working in London.

The practice specialises in individual new houses and a broad range of original hospitality design.

All projects are simple, unique and distinctive design solutions. All designs are individual, personal, varied and enduring. Architecture that is striking, well mannered, whimsical or confronting as required for the need and as fitting to the circumstances.

Design solutions characterised by simplicity and clarity of message.

PROFESSIONAL ASSOCIATIONS

- Royal Australian Institute of Architects
- Architects Board of Western Australia
- Architects Registration Board United Kingdom (1989 - 2000)
- Royal Institute of British Architects (1989 - 2000)

AWARDS

- E Cucina RAIA Commendation
- Balthazar RAIA Commendation
- Residence Peppermint Grove RAIA Commendation
- Residence Cottesloe RAIA Award

BALTHAZAR BAR RESTAURANT

Photo by John Chisholm

Project details:

BALTHAZAR BAR / RESTAURANT

Architect	Paul Burnham Architect Pty Ltd
Location	Perth, Western Australia
Photographs	John Chisholm

BALTHAZAR BAR/ RESTAURANT

Photo by John Chisholm

Balthazar is an intimate restaurant located in the ground floor of an outstanding Art Deco apartment building in the heart of the city of Perth.

The restaurant design is an understated imposition of a contemporary hospitality venue into the richly detailed envelope of an intact Art Deco building.

The limited available space produced a tightly planned bar and seating arrangement

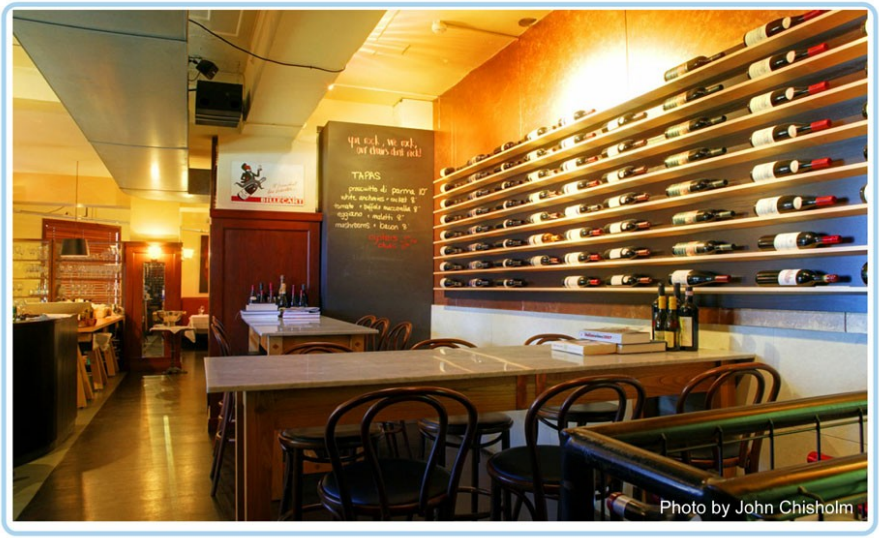


Photo by John Chisholm


Photo by John Chisholm

featuring an abundance of wine storage.

The design intent was to sit produce a confident restaurant space respectful of the exiting preeminent building style.

The contemporary design features a mix of classic bistro touches and timber tones.


Photo by John Chisholm

BALTHAZAR BAR RESTAURANT

PAUL BURNHAM ARCHITECT


Photo by John Chisholm


Exterior renderings
VIRTUAL
GRAPH
SCANDINAVIA
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Starting from
100 EUR


Interior renderings
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