



UN GLOBAL COMPACT

COMMUNICATION ON PROGRESS 2013





WE SUPPORT

COMMUNICATION ON PROGRESS 2013



CEBRA a/s, architects maa
Vesterbro Torv 1-3, 2. sal
8000 Aarhus C
Denmark

CVR-nr.: 2668 6407

T: 8730 3439
F: 8730 3429
E: cebra@cebra.info
W: www.CEBRAarchitecture.dk



STATEMENT OF SUPPORT

CEBRA joined the UN Global Compact in 2008 and we hereby state our continued support of the initiative. We commit ourselves to continuously implementing the Global Compact's ten principles in the areas of human rights, labour, environment and anti-corruption in our vision, strategy and every-day practice.

At CEBRA, we insist on thinking all our business aspects within a sustainable context. Keeping the Global Compact principles in mind, we work with the belief that through our professional expertise as architects, we are able to promote, develop and initiate significant and substantial changes, which provide a lasting and sustainable framework for our societies. Our goal is to challenge the world we and our architecture live in through a holistic approach to sustainability, which takes environmental, social, economic and cultural aspects into account.

Hence, I am pleased to place my signature and post our Communication on Progress, stating our continued support and efforts regarding the application and instrumentalisation of the ten principles.

Aarhus, 01.11.2013



Kolja Nielsen
CEO, architect maa
CEBRA a/s, architects maa



HUMAN RIGHTS

PRINCIPLE 1

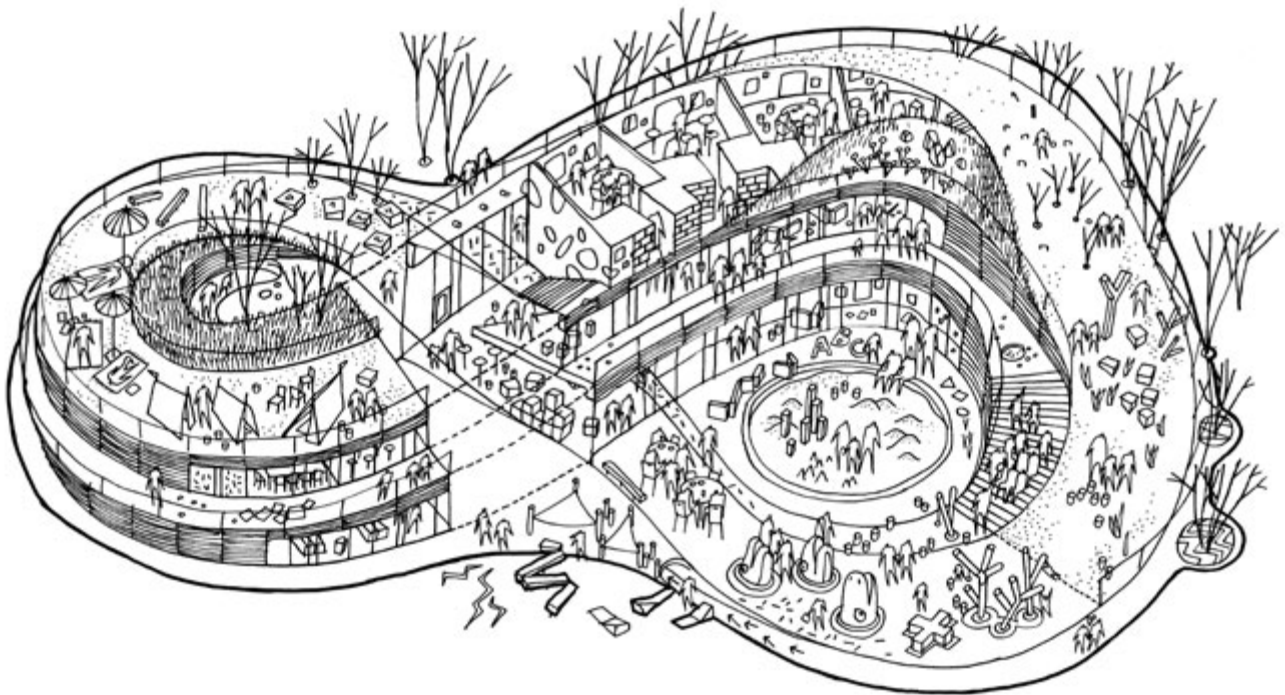
Businesses should support and respect the protection of internationally proclaimed human rights.

PRINCIPLE 2

Businesses should make sure that they are not complicit in human rights abuses.

CEBRA complies with the 30 articles of the Universal Declaration of Human Rights and with Danish national legislation, which meets the standards of international conventions.

As architects, we have the privilege and the professional responsibility to design lasting and sustainable frames for human life aiming at increasing life quality continuously. At CEBRA, social responsibility and user needs are made up the creative fuel of our architecture. Thereby, we actively support, promote and contribute to the development of environments, which secure the enjoyment of human rights. Amongst these environments, CEBRA works intensively with the development and design of the school and educational institutions of the future.





LABOUR

PRINCIPLE 3

Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.

PRINCIPLE 4

Businesses should uphold the elimination of all forms of forced and compulsory labour.

PRINCIPLE 5

Businesses should uphold the effective abolition of child labour.

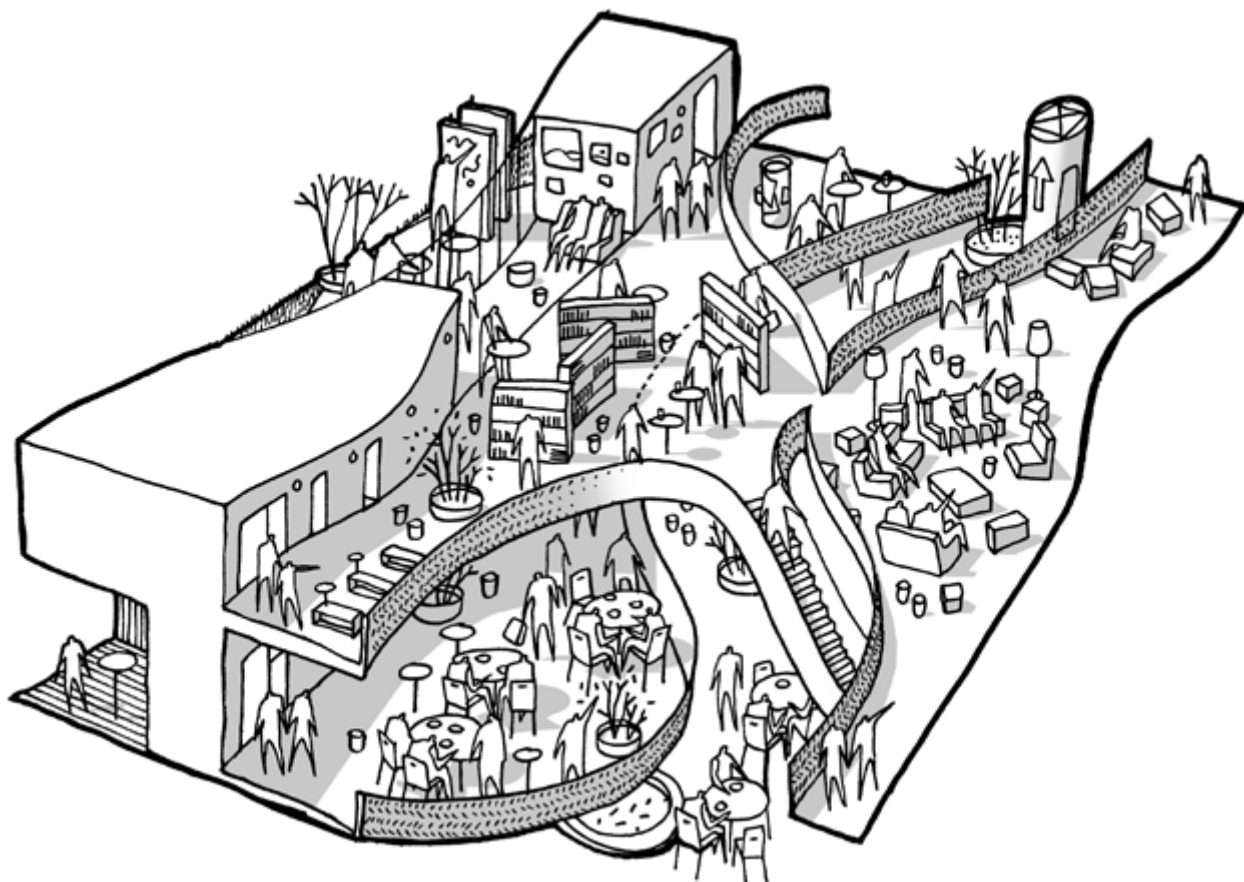
PRINCIPLE 6

Businesses should uphold the elimination of discrimination in respect of employment and occupation.

CEBRA supports the International Labor Organization's Declaration on Fundamental Principles and Rights at Work and complies with Danish work legislation.

CEBRA is a member of the Danish Association of Architectural Firms, which collaborates with The Danish Union of Salaried Architects and the Danish Architects' Association. These organizations safeguard and balance individual and commercial interests as regards collective bargaining, legislation concerning salaried employees, labor market, industrial and educational policies etc. and CEBRA is committed to and supports this system.

CEBRA's hiring policy and collaborative relations are solely based on educational and professional experience and skills, and do neither take race, gender, sexuality, religion nor political beliefs of the involved persons into account.





ENVIRONMENT

PRINCIPLE 7

Businesses should support a precautionary approach to environmental challenges.

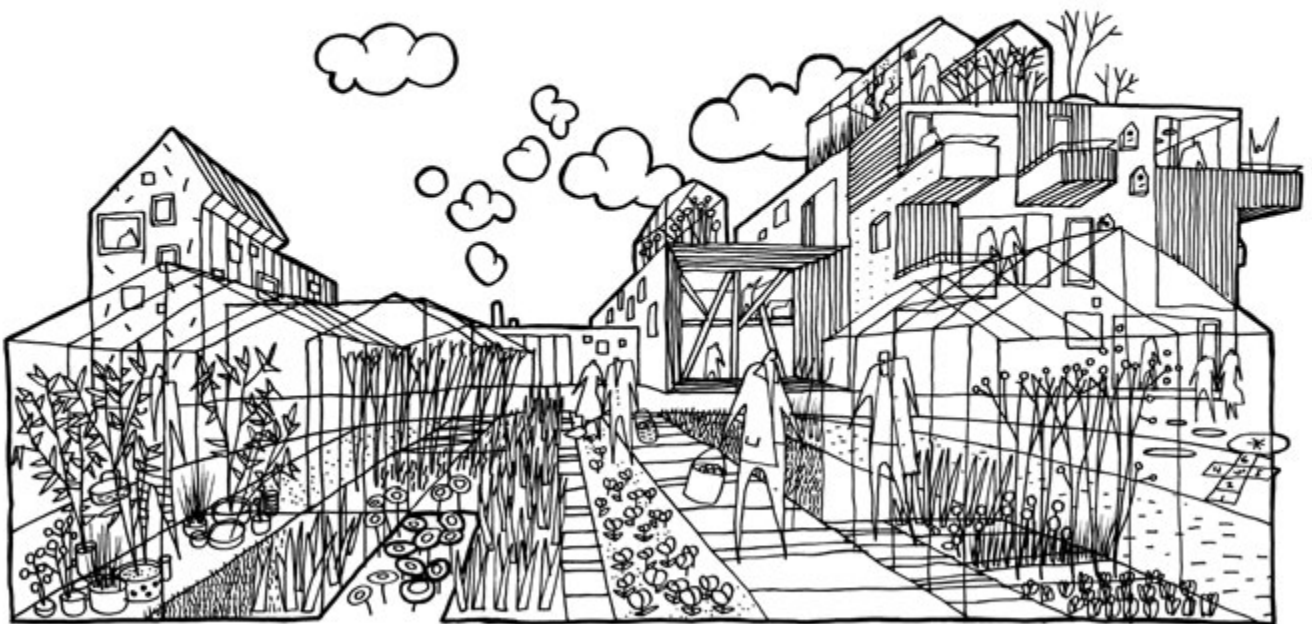
PRINCIPLE 8

Businesses should undertake initiatives to promote greater environmental responsibility.

PRINCIPLE 9

Businesses should encourage the development and diffusion of environmentally friendly technologies.

As architects, we are in the prominent and exacting position of designing the physical surroundings of the future. Therefore, the implementation of the three principles concerning environmental responsibility are quintessential in every aspect of our practice. In the following we describe the mindset and actions, which form a red line through our office and practice.



QUALITY, SAFETY, ENVIRONMENT



Quality Management System

CEBRA is conducting quality management (QM) and project examination based on instructions and DS/EN of the Danish Association of Architectural Firms (DANSKE ARK) and the Danish Association of Consulting Engineers (FRI). The QMS is developed and adapted based on the following guidelines and standards:

- 'Quality management in architectural firms' by DANSKE ARK
- DS/EN ISO 9001:2008 standards
- the Danish Business Authority's circular letter on quality management from November 12th 1986

The QS handbooks are verified and updated continually, so that they are in accordance with company's goals and the experiences, which are collected during the development of various projects. The QS handbooks are distributed to clients as general information about CEBRA's QMS.

CEBRA's QMS manual is in Danish and thus not included in this material. The table of content for CEBRA's QMS manual can be found on the following pages. If there should be any need for further clarifications about the offices QM procedures, please don't hesitate to contact us for additional information.

Safety and health

CEBRA organizes safety, health and working environment according to Danish law and regulations ("Bekendtgørelse om projekterendes og rådgiveres pligter m.v. efter Lov om Arbejds miljø, Arbejdsministeriets bekendtgørelse nr. 574 af 21. juni 2001 med senere ændringer").

CEBRA has three certified safety coordinators, who have completed the "working environment education for coordinators of safety and health regulations on building and construction sites". The coordinators are responsible for the development, implementation and accomplishment of the safety and health systems.

Environmental management

CEBRA is conducting environmental management (EM) according to DANSKE ARK's & FRI's guidelines. A more detailed description of CEBRA's EMS can be found on the following pages.

ENVIRONMENTAL MANAGEMENT



CEBRA is conducting environmental management according to DANSKE ARK's & FRI's guidelines

As developing, executing and advising company we have to be prepared for the society's ever increasing demands concerning a sustainable development of the building sector, which e.g. includes restrictions regarding the energy and resource consumption and the usage of materials with minimum impact on the environment.

With the implementation of well prepared and made-to-measure environmentally responsible planning we can meet the demands and wishes of developers and the society, whether it is to contribute to a sustainable development, reduce operating costs, create a good indoor climate for employees and visitors, strengthen the building's image or heighten the building's overall quality.

Environmentally responsible planning and sustainable initiatives are all about ensuring environmental optimum results within the given framework stated by the client in the competition or building programme, based on a general main environmental policy and the building task's preconditions.

In order to achieve these objectives, the group of advisers can, on the client's initiative, contribute to:

- map environmental impacts and effects,
- determine environmental goals
- lay down an environmental program and plan, incl. description of activities, organisation, schedule and budget,
- carry out environmental assessments,
- propose instruments and prioritize those in consultation with the client,
- ensure that all executing parties live up to the environmental goals stated in the environmental programme.

Regarding environmentally responsible planning, it can be stated that if it is implemented early into the programming and overall planning, it will normally not increase the project's construction costs and merely increase planning costs to a very limited extent.

Environmentally responsible planning will on the other hand often lead to solutions, which can be economically beneficial when the building's overall economy, including the total costs of construction and operation during the building's complete lifetime, is quantified.

An overall economic quantification includes an evaluation of the possible advantage of accepting higher acquisition costs in order to achieve lower operation costs for electricity, water, heating, climate control, waste treatment, fewer sick days and less resource-intensive maintenance throughout the building's lifetime.

Looking at a building's lifespan, only a few percent of the building's total energy consumption derive from its construction, while by far the largest part is used to operate it. From a construction economical point of view, financial austerity hardly ever pays off in the long run.

Responsibility and competence regarding possible environmental activities during the programming, planning, construction and operation phase are determined parallel to the project organisation.

Depending on the client's wishes and the complexity of the task at hand, an environmental coordinator is involved in the project's planning management.

The environmental coordinator adopts the coordinating position across individual professional disciplines and secures the connection between the environmental initiatives within the disciplines and the processing of the programme's environmental goals.

The environmental coordinator reports to the planning manager, whereas the planning manager retains the general responsibility for the environmental management during the planning phase, because it is deemed vital that environmental issues are addressed on equal footing with the rest of the project's considerations. This reduces the risk of significant conflicts between environmental aspects and the demands made upon architecture, exhibition principles, function, technology and economy during the later stages of the process.

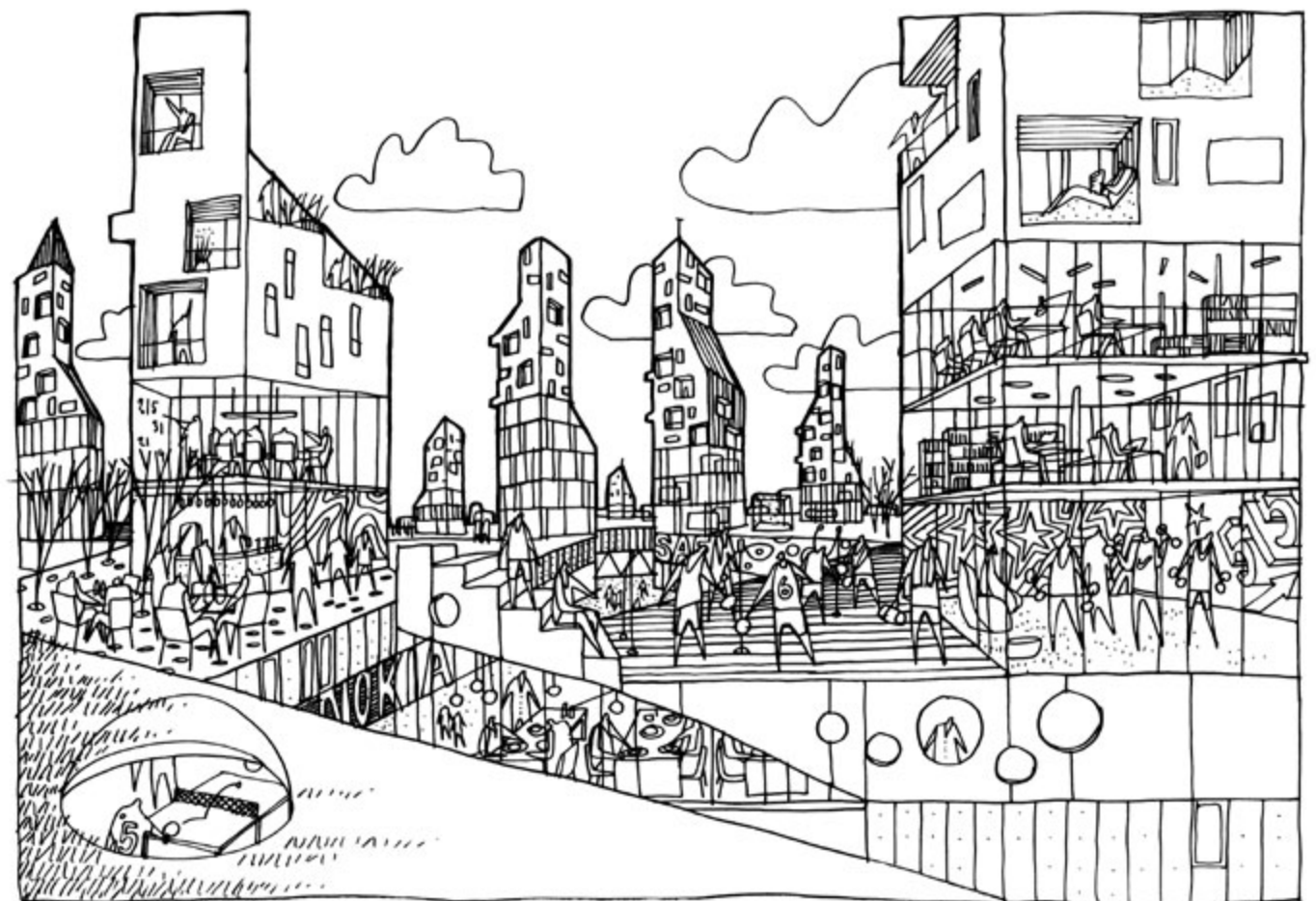


ANTI-CORRUPTION

PRINCIPLE 10

Businesses should work against corruption in all its forms, including extortion and bribery.

CEBRA supports The United Nations Convention Against Corruption. We fully comply with Danish and International legislation and dissociate ourselves from all forms of corruption, bribery and extortion. Our practice and business relationships are based on democratic values, mutual respect and transparency.





OUTCOME: SELECTED PROJECTS

- The Iceberg
- Grundfos Dormitory
- UDK Holstebro
- RebildPorten
- Bülowsvej School
- Children's Home of the Future
- HF & VUC Fyn
- Sustainable Club House
- Kildebjerg Ry



THE ICEBERG



Name:	The Iceberg
Commission:	Private
Type:	Lead consultancy services
Category:	Residential
Client:	Pension Danmark
Place:	Mariane Thomsens Gade, Aarhus, DK
Year:	2008 - 2013 - completed
Purpose:	208 apartments
Size:	22.000 m2 new building
Budget:	DKK 300m/€ 40,2m excl. VAT
Awards:	MIPIM Award 2013, Architizer A+ Award 2013
Service:	Architectural services incl. landscape
Energy class:	Low energy class standard 2010
Collaborating architects:	JDS, SeARCH and Louis Paillard
Collaboration:	NCC, Tækker R.I. and Hamiconsult

The Iceberg is located at a prime location on the outmost harbour front in Aarhus' new quarter Aarhus Ø (Aarhus East) and consists of 208 apartments. The Iceberg will contribute to transform the former container port of Aarhus into a vibrant new neighbourhood that on completion will be home to 7,000 inhabitants and provide 12,000 workplaces.

Instead of following the masterplan, which was dominated by closed building blocks, the Iceberg is laid out as four L-shaped wings, where the street spaces in between open towards the water. In order to obtain optimal daylight conditions and views over the bay for as many apartments as possible the building volume is cut up by jagged lines. The roofs rise and fall into peaks and valleys, which create visual passages that allow views across the individual volumes - like floating icebergs that constantly refract one's gaze. Thus, even the appartments in the in the back wing can enjoy the view. By applying this simple algorithm to the design the spectacular iceberg structure emerged.

The varying building volumes make it possible to arrange a wide range of different apartment types within the complex - from two-storey 'town houses' and affordable smaller apartments to exclusive penthouses in the peaks of the Iceberg. The variety of residences with different balconies, shapes and orientations as well as the combination of owner-occupied and rented flats aim at creating socially diverse urban surroundings that form a lively local community. The building complex becomes a neighbourhood instead of a mere series of housing blocks.

GRUNDFOS DORMITORY



Name:	Grundfos Kollegiet
Commission:	Private
Type:	Turn-key contract
Category:	Residential
Client:	Ingeniørhøjskolen/ Sjælsø Gruppen A/S
Location:	Grethe Løchtes Gade, Aarhus, DK
Year:	2011-2012 - completed
Purpose:	159 student housings
Size:	6.000 m ² new building
Budget:	n/a
Service:	Architectural services
Energy class:	Low energy class standard 2015
Collaboration:	Sjælsø, NIRAS

One of Grundfos Kollegiet's remarkable characteristics is providing student housings in the heart of Aarhus' new harbour front development – that is, a low cost residential building on a very attractive site. From afar the building's vertical stripes act as a metaphor for books and make the building appear as a group of books on a shelf, while close up they resemble a condensed micro Manhattan - a condensed bundle of small towers. Each 'tower' is treated differently both inside and out with different materials and window openings, thereby creating a variety of living accommodations that suitable for singles, couples as well as friends living together.

The individual apartments are reached from balconies, which are encasing the 12-storey atrium with mirror clad balcony fronts. The mirrors are transforming the sense of space by expanding the relatively narrow atrium with endless kaleidoscopic reflections of itself and the people moving through it. The reflections assist orientation across several floors from one location allowing you to see people or activities that are located directly beneath or above you.

The Grundfos Dormitory is not only home to approx. 200 students - it also serves as a unique research facility for researchers from Aarhus University. The structure includes Denmark's most comprehensive program for measuring and controlling a building's energy consumption. The project aims at developing an intelligent control system, which provides an optimal indoor climate with minimum energy consumption - i.e. an intelligent building that responds to and even predicts user needs based on e.g. registered usage patterns or weather forecasts.

UDK HOLSTEBRO



Name:	Udbetaling Danmark Holstebro
Commission:	Public
Type:	Turn-key contract
Category:	Business
Client:	ATP Ejendomme a/s
Location:	Hostrupsvej, Holstebro, DK
Year:	2011 - 2012
Purpose:	Office building and citizen service center
Size:	4.600 m ²
Budget:	DKK 77m/€ 10,32m excl. VAT
Prize:	Competition 1. prize
Service:	Architectural services
Energy class:	Low energy class standard 2015
Collaboration:	Sjælsø, Orbicon, Bent Moesby

Udbetaling Danmark Holstebro (UDK) gathers employees from several municipalities in one new administration building, which has to handle and ensure a centralized and efficient service for the citizens. In order to create an ideal combination of exposure, building expression, views, daylight conditions and reduced thermal stress, the building is designed in a triangular shape. The triangle is an unusual shape in the Danish architectural landscape. Thus, UDK will draw attention to itself, but without visually overpowering its surroundings.

The triangular interior atrium is rotated 180° so that its tips meet the building's outer edges. Given that the shape is slightly asymmetric and rotates for each floor, varied spaces with different floor-to-ceiling heights emerge, which makes the building flexible and usable in a long range of different working situations.

The building is designed in order to consume a minimal amount of energy for ventilation, lighting, heating and cooling and to maintain the best possible indoor climate at the same time. The design is optimised through an Integrated Energy Design process, where energy and indoor climate form integrated design parameters from the project's very beginning, continuously interacting with materials and architecture. This approach made it possible to meet the Danish Low Energy Class 2015 standards solely through integration of passive solutions and without the support of energy producing solutions, although preparations for a future installation of solar panels and photovoltaic film on the glass facades are incorporated in the building.

REBILDPORTEN



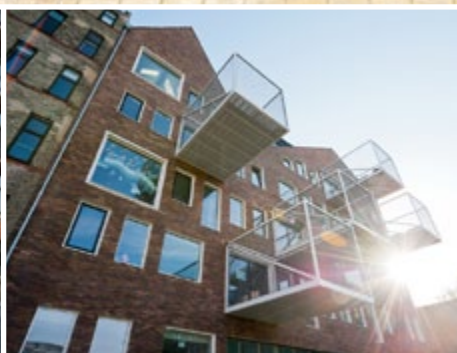
Name:	RebildPorten
Commission:	Public
Type:	Turn-key contract
Category:	Culture
Client:	Rebild Kommune & Realdania
Location:	Rebild, DK
Year:	2012 - 2013 - built
Purpose:	Visitor's center and museum
Size:	540 m ²
Budget:	DKK 12,7m / € 1,7m excl. VAT
Award:	Competition 1. prize
Services:	Architectural services
Energy class:	Low energy class standard 2015
Collaboration:	HP Byg, Viggo Madsen R.L., Elisabth Topsø

RebildPorten is a new visitor's centre and exhibition space for Rebild, one of the most popular tourist destinations in northern Denmark - Rebild Hills and Rold Forest. RebildPorten shall create an ideal setting for the narrative about cultural history and nature experiences in these unique surroundings.

The project is inspired by the idea of a building, which bids you welcome and acts as a natural gathering place - an open and accommodating building that offers knowledge and insight before guiding and distributing the visitors into the hills and the forest. The structure is designed as a hymn to Nature and the hills and forest, next to which it is situated. Visitors will experience it as a small section of stylised forest with stems and branches made from a sculptural structure of bluff timber, thus making the building accessible to the eye of the observer - very similar to a forest's opening and closing when one moves through it and looks upwards through the branches' chaotic network of crossing lines.

By shaping the building out of raw cut timber, the visitor not only experiences a 'walk in the forest', and a particular atmosphere determined by Nature's own strength and rustic weight, but also the scent of wood and nature, which sets the mood for the visit to the forest and hills. With its location between Rebildhus and The Fiddler's Museum, the building stands out from its surroundings as a place of significance - a small piece of forest projecting out into the built environment.

SCHOOL AT BÜLOWSVEJ



Name:	School at Bülowvej
Commission:	Public
Type:	Turn-key contract
Category:	Play and Learning
Client:	Frederiksberg Municipality
Location:	Bülowvej, Frederiksberg, DK
Year:	2009 - 2013
Purpose:	Public school
Size:	3.500 m2 new building, 2.900 m2 rebuilding 5.000 m2 school yard
Budget:	DKK 60m/€ 8,04m excl. VAT
Prize:	Competition 1st prize
Service:	Architectural services
Energy class:	Energy class 1
Collaboration:	Tri-Consult, LIW Planning

The school at Bülowvej consists of individual buildings that are spread out between a rudimentary city block in Frederiksberg. The new school is made up of a complex program in three parts: a new building, the refurbishment of the existing school - with a new media centre - and a masterplan for the large school yard.

The new building is organized as a straight grid divided into three rows of four units. To accommodate different needs and create variation, the units are reorganized from story to story by the means of a series of basic Tetris-inspired shapes. The three rows contain different functions and are organized accordingly. The rows towards the street and the school yard contain class rooms while one in between holds flow areas and common areas for breaks and group work. As opposed to most schools located in city centres the Bülowvej School is very green. The buildings are tied together by the large green yard, which is an integrate part of the school's daily life and infrastructure. The masterplan for the new school yard forms an extension of the interior spaces - it complements the common areas and forms an active learning space.

Right from the beginning, a minimized use of energy has been an essential design parameter for the new building. I.a. the roof is shaped so that solar cells can be placed optimally for the production of electricity. In addition, the building's organization is very flexible and ensures a long lifetime, which makes it possible to change the building according to future needs and changing education principles with a minimal use of resources.

AGORA - HF & VUC FYN



Name:	HF & VUC Fyn
Commission:	Private
Type:	Turn-key contract
Category:	Education
Client:	VUC Fyn & Fyns HF-kursus
Location:	Odense, DK
Year:	2012 - 2014 - under construction
Purpose:	Adult education centre
Size:	13.600 m2 new building
Budget:	DKK 158m / € 21,2m excl. VAT
Prize:	Competition 1st prize
Service:	Architectural services incl. landscape
Collaboration:	E. Pihl & Søn, Hundsbaek & Henriksen

HF & VUC Fyn creates a flexible and diverse learning environment that gives room for individual needs in a collective building. The design is characterized by a system of curved lines and rounded forms, which cut through the building volume's regular form and create transparent and various spatialities around a central atrium – a duality that generates interaction, diversity and versatility in regards of both the internal and external organization of the new Adult Education Centre. A series of curved incisions in the basic volume ensure interaction between the building's activities and functions and the city around it.

The building is organized around a transparent and very active atrium, called the Agora and named after the public gathering place in ancient Greek cities that constituted the center of political, spiritual and artistic life in the city state. The levels of activity decrease gradually from the Agora and outwards with the most calm and private spaces located along the building's outer edges. At the same time, this organizational principle is transferred from plan to section with the highest levels of activity and transparency at the bottom and spaces for contemplation at the top floor. Thus, the new AEC focuses on offering specialized and at the same time diverse learning environments, where students turn to those spaces and environments, which match their individual needs learning style.

OUR HOUSE



Name:	Our House - Children's Home of the Future
Commission:	Public
Type:	Lead consultancy services
Category:	Children's home
Client:	Kerteminde Municipality
Location:	Strandgårds Allé, Kerteminde, DK
Year:	2012-2014 - under construction
Purpose:	Care centre for marginalized children
Size:	1.500 m2 new building
Budget:	DKK 18,5m / € 2,48m excl. VAT
Prize:	Competition 1st prize
Service:	Lead consultancy services
Energy class:	Low energy class standard 2015
Collaboration:	Søren Jensen R.I., PK3

"Our House" – the Children's Home of the Future is a pioneering project for an entirely new type of 24-hour care centre for marginalized children. The concept combines the traditional home's safe environment with new ideas and conceptions of what a children's home is and which needs it should fulfill.

Thus, the project takes the familiar basic shapes of the typical Danish home as its starting point: the classic pitched-roof house and the dormer motif. By using the shapes in a new and playful way the design marks the house as an out of the ordinary place, which at the same time is recognized as a dwelling with a safe and homely environment.

"Our House" is basically organized as four interconnected houses in order to reduce the building's scale and to create self-contained, varied units for the different groups of residents. The quartered shape is modified by the distinctive dormer profiles, which grow into and out of the individual houses, are turned upside down and even rise to form an observation tower. This flexible concept gives the residents the opportunity to set their own mark on the arrangement, décor and use of these 'bonus spaces' according to needs and activities.

The building's rational organization ensures short distances and proximity between the different units so that the personnel always are close to every resident. Thus, the personnel's working procedures are incorporated effectively in the daily routines, which frees more time for taking care of the children – more home, less institution.

SUSTAINABLE CLUB HOUSE



Name:	Sustainable Club House
Commission:	Public
Type:	Lead consultancy
Category:	Sports
Client:	Aarhus Municipality
Location:	Lystrupvej, Lystrup, DK
Year:	2010-2013 - completed
Purpose:	Club house
Size:	450 m ²
Budget:	DKK 10 mio. excl. VAT
Awards:	Competition 1st prize
Services:	Lead consultancy services (incl. landscape)
Energy class:	CO ² -neutrality
Collaboration:	Esbensen, Sloth Møller R.I.

The Aarhus Municipality has drawn up an ambitious climate plan that aims reaching CO₂-neutrality by 2030. As part of this plan the city wishes to make the new club house for sports club LIF a sustainable building with a minimal CO₂ footprint that can stand as a showcase of sustainability and serve as an example for larger projects. With this project, the city gains knowledge about new low-emission construction methods, which consequently can influence both future behavior and legislation and show how to integrate sustainable solutions as well as innovative design

The project is designed in a close collaboration between the client, the users, engineers and CEBRA by means of Integrated Energy Design (IED) based on CEBRA's process and user involvement tools. This creative design process focused on reaching an optimal combination of functionality and sustainable choices within a limited budget.

The project is based on an equal share of both high and low-tech solutions. We introduced simple elements, such as heat storing sand fill, a drain layer of mussel shells and the use of eaves to protect the facade and prevent overheating and the need for cooling. Since the building is primarily used during the summer, all traffic between specific rooms takes place outside under the eaves. This essentially reduces the total surface area and heat, light and maintenance costs.

PULSE PARK



Name:	The Pulse Park - Pulse Zone
Opdrag:	Public
Type:	Architectural services
Category:	Sports and recreation
Client:	KildebjergRy, Skanderborg Municipality
Location:	Ry, DK
Year:	2011-2012 - completed
Purpose:	Exercise and meditation zone
Size:	24.057 ft ² (all 3 zones)
Budget:	DKK 16,7 mio. excl. VAT (all 3 zones)
Service:	Architectural services incl. landscape

The Pulse Park forms an activating and innovative continuation of the unique residential and business area of Kildebjerg Ry. The project's aim is to create a vivid and coherent neighbourhood that encourages an active lifestyle and informal meetings across age, gender, social background and physical abilities. The Pulse Park will establish optimal conditions for exercise and play through three zones that form an integral part of the landscape, the area's many leisure activities and Kildebjerg Ry itself. **The Pulse Zone** addresses primarily runners, mountain- and BMX bikers, who use the network of paths and tracks around Kildebjerg Ry for exercise. The tracks' asphalt surface flows into the zone's centre area in the form of hills, bulges and bowls that incite to obstacle races and artistic exercises.

The Play Zone is a forest of different functions that relate to both organised and freestyle activities. The forest consists of three concentric circles. The centre is intended for play and exercise with large tree-like elements, the second circle for outdoor fitness and the outermost area for social activities.

The Zen Zone is all about relaxation and activating all your senses. The zone is placed on an island in a small lake, which supports its meditative purpose and relaxing atmosphere. The island is shaped like a hill from a grid structure, that creates an interior space for activities like yoga, pilates and meditation as well as informal surroundings for a business meeting.

