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COMMUNICATION ON PROGRESS 2018

UN GLOBAL COMPACT

17 PARTNERSHIPS FOR THE GOALS



C.F. Møller

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OUR COMMITMENT

With 90 years of award-winning architecture inspired by our Nordic values, C.F. Møller Architects places social, economic and environmental sustainability at the heart of our work.

At C.F. Møller, we view sustainability as a holistic practice, fully integrated into our Nordic architectural values. We see architecture as a creative process where we interpret our clients' aims to create buildings that work at functional, technical and aesthetical levels, whilst also achieving high sustainability goals.

With this 2018 Communication on Progress, C.F. Møller Architects again express their continued support for the UN Global Compact.

This 2018 Communication on Progress also contains C.F. Møller's documentation of Corporate Social Responsibility and Gender Equality as required by the Danish Financial Statements Act (Årsregnskabsloven), §99a and §99b.

The UN Global Compact's Sustainable Development Goals (SDGs) focus global efforts on 17 pressing issues. By upholding recognized principles on the environment, climate change, labour, human rights and anti-corruption, businesses can use the SDGs to make an essential contribution to sustainable development.

In this 2018 Communication on Progress, we use the eight Sustainable Development Goals, that are most relevant to our business, to document our commitment and work with the UN Global Compact and Corporate Social Responsibility.

The Board of Directors of C.F. Møller A/S

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HOW WE WORK

C.F. Møller's vision is to Improve life for people and planet.

We are one of Scandinavia's leading independent architectural firms, with 90 years of award-winning work in the Nordic region and worldwide.

Every day we create architectural quality based on innovation, experience and our Nordic values. This assures sustainable and aesthetic solutions with lasting value for clients, occupants and society.

Our design solutions are methodically and holistically created following a rigorous analysis of the local context. We look to set new global standards by fostering a design approach, which uniquely integrates urban planning, landscape, architecture and the design of specific building components.

We regard environmental concerns, resource consciousness, healthy project finances, social responsibility and good craftsmanship as essential elements of our work.



As consulting architects, C.F. Møller’s business model is closely linked to the extended value chain of the construction sector.

As architects, we play a central role in creating societal and economic value for our clients and for society at large.

We interpret our clients aims, and create architectural solutions with lasting functional, technical and aesthetic qualities that meet today’s

needs, whilst also contributing to the long term cultural quality of the built environment.

A central aspect of our work as architects relates to fact that the buildings and landscapes **we design now** will have longlasting impacts **in the future** because of their long lifespan:

Environmentally, where buildings are responsible for the consumption of large amounts of resources and energy throughout their lifespan.

Socially, as people spend up to 90% of their time indoors, and buildings’ functional, experiential and wellbeing qualities are important.

Culturally, where buildings become part of the built environment’s cultural quality and begin to take on a larger societal value over time.

Economically, where the high costs of construction need to be held up against how future annual running costs can be minimised.

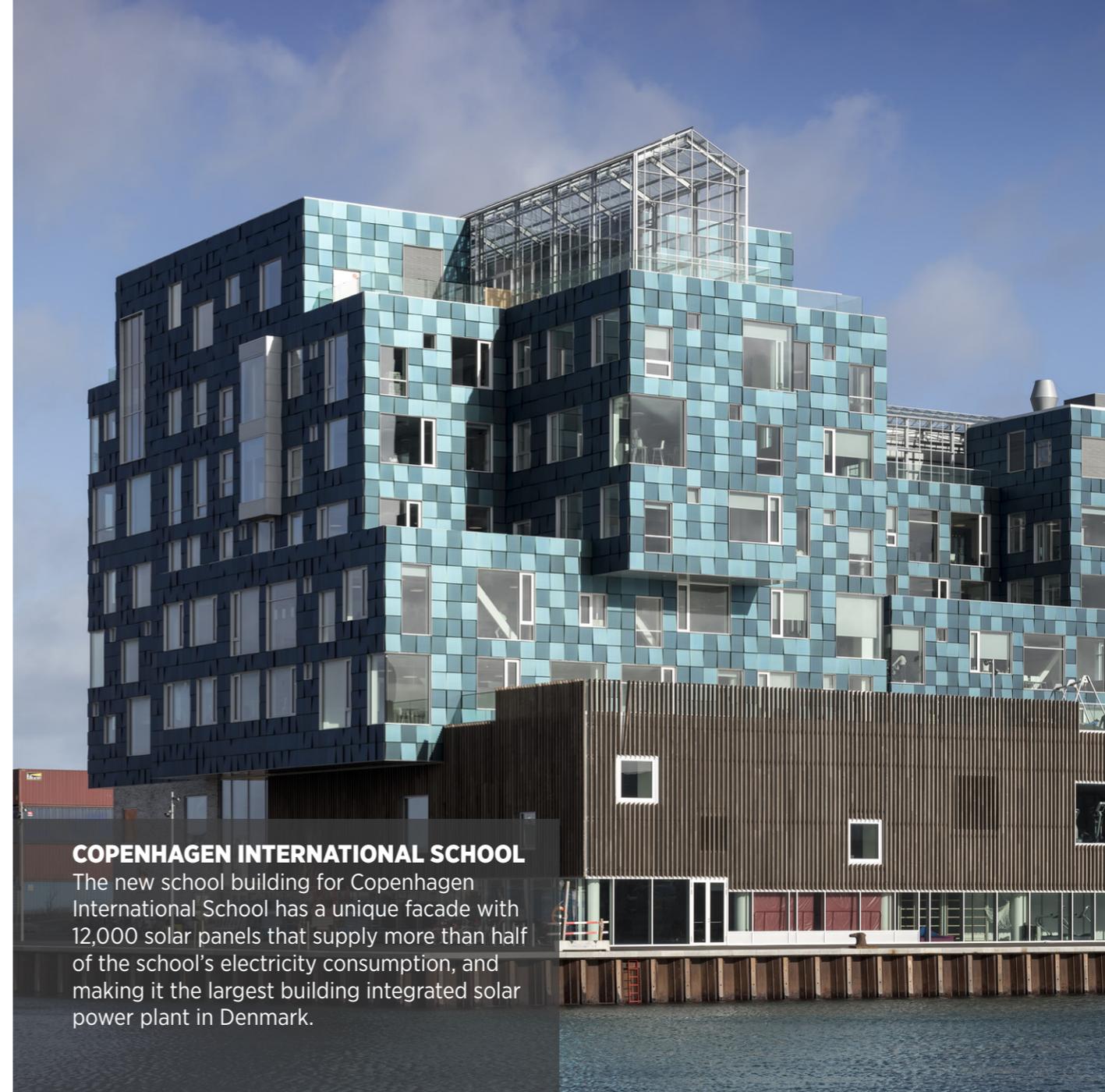
Our business model as part of the value chain	Where demand for our services comes from	Our value creation and design work as architects	How our architecture is produced	How our architecture is experienced, used and transformed	What happens at the end of the lifespan
Primary drivers and activities	Economic, societal and political drivers	We interpret our clients wishes and create value through our architectural design work	Construction, commissioning & handover	Our buildings’ functionality, quality and transformation over time	Dismantling and reuse of materials
Major actors and co-operation partners	Private & public sector clients	Other consultants Planning & building regulation	Contractors & sub-contractors Materials production	Users, residents, administrators & owners Creation of cultural & societal value	Demolition sector New circular economy actors

ENVIRONMENT & CLIMATE

C.F. Møller has for many years had a considerable focus on the role architecture can play in minimising environmental impact.

We believe our responsibility as architects reaches out to future generations, since the buildings and landscapes we design today can have lasting impacts, both now through the use of raw materials during construction, and into the future through the need for energy and water to operate the buildings, and construction materials to maintain and update buildings through their lifespan.

The issues of climate change also mean that, with more intense rainfall and more heatwaves, our climate is slowly changing. This means there are considerable architectural challenges and opportunities in designing buildings and landscapes today, which can function satisfactorily in markedly different climates within the next 50 years.



COPENHAGEN INTERNATIONAL SCHOOL

The new school building for Copenhagen International School has a unique facade with 12,000 solar panels that supply more than half of the school's electricity consumption, and making it the largest building integrated solar power plant in Denmark.



ENVIRONMENTAL IMPACT OF CONSTRUCTION MATERIALS

For new buildings in Denmark, the environmental impact related to materials is now larger than that from space heating over the lifespan of the building.

ISSUES & RISKS

The successful focus on reducing the operational energy demand of new buildings has had unexpected consequences. As the energy consumption to heating and ventilation has fallen over the last 10 years, the environmental impact from the materials has grown larger.

Numerous European studies show that for new buildings, the environmental impact from construction materials over the complete life cycle of the building, including material consumption for maintenance, is larger than the environmental impact from space heating and ventilation.

With increasing demands to the environmental impact of materials in the markets we operate in, C.F. Møller needs to respond proactively.

POLICIES

C.F. Møller will integrate the life cycle analysis approach into our architectural design and

specification work, with the aim of reducing the environmental impact of materials for the projects we design.

RESULTS FOR 2018

Our first building of cross-laminated timber, the Kajstaden Tower apartments in Västerås, Sweden, will be completed by the end of 2018, and will be Sweden's tallest timber building.

ACTIVITIES FOR 2019

1. Since timber has a very low environmental impact and sequesters CO₂ throughout the building lifespan, we will continue our innovative work with multi-storey timber buildings with cross-laminated timber (CLT) and laminated veneer lumber (LVL).
2. We will develop life cycle analysis tools as part of our digital design workflow, so that we can start to assess environmental impact from early in the design process.



KAJSTADEN TOWER

This new 9 storey timber apartment building in Västerås is Sweden's tallest timber building, and is constructed entirely of massive timber. The loadbearing walls, floors, beams, balconies and elevator shaft have all been built with cross-laminated timber.



CLIMATE MITIGATION & ADAPTATION

Our climate is already changing, so the buildings and landscapes we design today need to be able to deal with changing climatic conditions in the near and distant future.

ISSUES & RISKS

The effects of higher greenhouse gas concentrations in the atmosphere mean our climate is already changing. New buildings and landscapes therefore need to be able to cope with changing climatic conditions, where extremes in rainfall, drought and heat waves will become more the norm, rather than the exception. These problems are likely to be exacerbated by the processes of urbanisation and densification that many towns and cities are experiencing.

This means that we need to design in a different way, so that as well as reducing greenhouse gas emissions, we take account of expected future climate change.

POLICIES

C.F. Møller will work with climate mitigation and adaptation, so that our buildings and landscapes can cope with future climate change. This will also include working at the urban

scale, looking how resilient landscape solutions can create new recreative possibilities.

RESULTS FOR 2018

We have designed the urban landscape and climate adaptation project Stork Meadows.

We have started a collaboration with Aarhus University to develop iterative design tools to estimate overheating very early in the design process.

ACTIVITIES FOR 2019

1. We will work with developing urban landscape solutions that are able to deal with future climate change and increasing amounts of rainfall.
2. We will work in developing architectural design approaches that can reduce the problems with overheating in new buildings both today, and in the future.



STORK MEADOW: CITY TO THE WATER

“City to the Water” is a far-reaching urban development project to open up the city centre of Randers, Denmark, to the recreative qualities of the surrounding nature, whilst also dealing with vast amounts of future urban stormwater.

SOCIETAL DEMAND & USER NEEDS

C.F. Møller has its architectural roots in the Nordic functional tradition, where our architecture responds to the demands of society at large, and to the needs of our buildings' users. We believe that the architecture we design today plays an important role in society, both creating value for our clients and users, and contributing to the wider cultural value of the built environment, over the coming decades and for future generations.

Developments in the countries and markets we operate in reflect wider international trends and society's changing ideals, and we need to keep our fingers on the pulse of these changes, so we can interpret and translate them into our architectural work.

With people spending up to 90% of their time indoors, we aim to create high quality architecture with a focus on functional and healthy environments that create wellbeing and positive experiences for users.



AARHUS UNIVERSITY HOSPITAL

The AUH is the largest hospital project in Denmark, covering 375,000 m², with a clear functional structure using spatial hierarchy to enable intuitive way-finding. AUH is designed to flexibly meet future requirements of technology, treatment and working routines.



CHANGING SOCIETAL CONDITIONS

Shifting social, economic and environmental conditions, and the subsequent changes in demand, mean that we need to be proactive in developing our architectural response.

ISSUES & RISKS

As societies develop over time, there are changes in perception and needs, and this over time affects both the demand for certain building types, and how these buildings are designed and used.

Examples are changing requirements in school design, reflecting the benefits of integrating movement and nature into the curriculum, and increased regulatory demands for sustainability, where Sweden and Denmark are introducing the environmental assessments of materials.

To thrive and maintain our long-term position in the market, C.F. Møller must stay at the forefront and be agile by adapting continuously to changing market and client demands.

POLICIES

C.F. Møller will work proactively to be at the forefront of changing client, regulatory and

societal demands, so that we can interpret and translate them into our architectural work.

RESULTS FOR 2018

C.F. Møller has played an active role in developing the new daylighting rules and the voluntary sustainability class in the Danish Building Regulations.

C.F. Møller has organised a conference on school design, with the participation of leading educationalists and the major municipalities.

ACTIVITIES FOR 2019

1. We will become involved in the development of new legislation and voluntary codes pertaining to the built environment.
2. We will initiate a dialogue with clients and partners on the demand side of the value chain to understand their thinking and inform our architectural responses.



NEW ISLANDS BRYGGE SCHOOL

This new school in Copenhagen responds to new national educational rules with a focus on diet and movement. The architecture enables pupils to relate theoretical teaching with physical, sensory and experience-based learning, and stimulates physical activity and play.



USER EXPERIENCE & WELL-BEING

People spend up to 90% of their time indoors, so buildings must fulfill complex functional demands and create a sense of delight, as well as ensuring healthy indoor environments.

ISSUES & RISKS

Indoor environments play a critical role in the unfolding of people's daily lives in modern society, and with the long lifespan of buildings, the decisions we make as architects during the design process are as such of extreme importance.

Poorly designed buildings, which do not meet the changing functional requirements of clients and users, can over time be of great expense to society.

With people spending the majority of their time within the built environment, poorly designed buildings can have different negative impacts on people. Good architecture can create a sense of delight for users. At the same time, it can also play an important role in giving healthy indoor environments with good thermal and visual qualities. Both can create a sense of well-being for building users.

POLICIES

C.F. Møller will work to create architecture with high functional qualities that can stand the test of time, and where a sense of delight and healthy indoor environments create a sense of well-being.

RESULTS FOR 2018

C.F. Møller has had a collaboration with DTU Architectural Engineering to develop a tool for estimating daylighting in buildings and master-plans at the very early design stages.

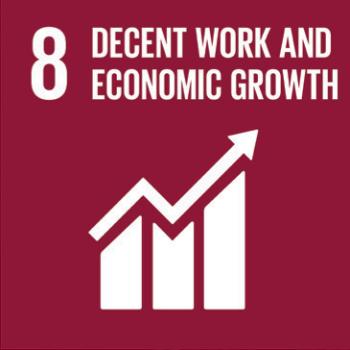
ACTIVITIES FOR 2019

1. We will work with developing design tools that support greater functionality during the early design stages.
2. We will work with developing tools that create healthy indoor environments during the early design stages.



BESTSELLER OFFICE COMPLEX

This office complex in Aarhus is a lively town within a town, comprising an ensemble of buildings connected by outdoor courtyards and roof gardens, and with 800 workplaces, showrooms, auditorium, video and film studios and facilities for fashion events.



LABOUR

C.F. Møller is a knowledge-based organisation, with the combined creativity and knowledge of our employees being the central asset in our ongoing creation of architectural quality.

ISSUES & RISKS

In knowledge-based organisations, where employees are often the primary production asset, in combination with an intensive use of IT, the creation of an attractive workplace and the acquisition and retention of highly qualified employees can be major challenges.

Similar to other knowledge-based organisations, C.F. Møller experiences growing challenges in accessing a highly qualified workforce. With our 90 years of award-winning work and focus on creating architectural quality, C.F. Møller is able to attract international candidates for both internships and fixed positions.

POLICIES

At C.F. Møller, we have a highly qualified and dedicated workforce. We focus on ensuring that employee competencies follow professional and market demands, offering continued professional development opportunities and a breadth of challenging projects to work on.

In the Nordic region, employee rights extend beyond the ILO Declaration on Fundamental Principles and Rights at Work. All our employees have rights to join employee organisations, partake in collective pay negotiations, and have paid holidays, sick leave and parental leave.

C.F. Møller will therefore continue to create an attractive workplace for our employees.

RESULTS FOR 2018

We have co-operated with students from DTU and Aarhus University in Denmark on the completion of their final dissertations.

ACTIVITIES FOR 2019

1. We will work on attracting the best new employees by engaging with relevant architecture schools, universities, etc.
2. We will continue to offer attractive employment packages, and will not use unpaid internships.



EQUALITY & DIVERSITY

At C.F. Møller, with six architectural studios in four Nordic and North European countries, we aim for equality and diversity as cornerstones of an inclusive and creative workplace.

ISSUES & RISKS

In organisations with poor levels of diversity and equality, there may be a risk of not fully understanding market and client demands, and not being able to fully reflect wider conditions that exist in society. It can also give problems in attracting and retaining the best employees, and in creating a well-balanced workplace.

C.F. Møller has approximately 300 fulltime employees, with 43% being female and 57% male. We have employees of over 20 nationalities.

POLICIES

C.F. Møller will continue working to address increasing the share of women in the Board of Directors, in the Management Team and throughout the organisation.

C.F. Møller's Board of Directors consists of 8 members, who are also the Senior Equity Partners. In 2015 we set the goal of having two female members of the Board by 2020.

RESULTS FOR 2018

One of C.F. Møller's Senior Equity Partner is female. We did therefore not reach the goal of having two female Board members in 2018.

Our Management Team consists of 30 members, with 12 being female and 18 being male. There is gender equality in the Management Team, with 40% being female.

ACTIVITIES FOR 2019

1. We will achieve the goal of having two female Board members early in 2019.
2. We will use our Employee Development Dialogue and Workplace Risk Assessment to start a dialogue regarding how we can create an attractive workplace for ambitious female employees.
3. We will seek to have at least one female candidate among the final three candidates for any management position.



5 GENDER EQUALITY





HUMAN RIGHTS

C.F. Møller strive to avoid problems with employee conditions in the global value chain for construction materials and buildings, and with the human rights of building occupants.

ISSUES & RISKS

The production of materials and the construction of buildings are parts of global production chains. It can often be difficult for consulting architects to have precise knowledge on where and how materials are produced, or whom is involved during production and construction, and whether sub-contractors are meeting legally binding national employment rights.

There are also building types, such as psychiatric hospitals and prisons, where human rights can be central design issues in relation to rehabilitation and the reducing physical force.

POLICIES

C.F. Møller's work with human rights is defined in relation to the UN Declaration of Human Rights from 1948. We are members of The Danish Association for Responsible Construction (Foreningen for Byggeriets Samfundsansvar), which promotes social responsibility in the Danish property and construction sector.

We will work with human rights in relation to the production of building materials and the construction of buildings. We will also work to improve human rights in the design of relevant buildings.

RESULTS FOR 2018

At the Tolworth Mental Health Hospital in London we have used evidence-based design to reduce the use of physical restraint on patients.

ACTIVITIES FOR 2019

1. We will start a dialogue with partners on relevant projects to reduce human rights problems, where possible, related to the sourcing of materials and employment conditions on construction sites.
2. We will work with improving the human rights for building users and occupants in the design of relevant buildings types, such as psychiatric hospitals and prisons.



TOLWORTH MENTAL HEALTH HOSPITAL

The hospital in London was carefully designed with evidence-based research and consultation with users and stakeholders, and used the principles of healing architecture to improve the human rights of patients by reducing the use of physical restraint.

ANTI-CORRUPTION

At C.F. Møller, we have a zero tolerance policy with regards to corruption, and we have the highest standards of corporate ethics and total integrity in our transactions.

ISSUES & RISKS

Corruption is a global problem, and in an international perspective, the construction industry's extensive value chain is seen as one of the sectors where corruption is widespread. Corruption can have negative consequences for society, businesses and individuals.

Although the Nordic countries are amongst the world's least corrupt, there can be corruption, and there can be situations where our decisions in relation to the value chain can unknowingly support corruption.

POLICIES

C.F. Møller has a zero tolerance policy to corruption and fraud, and we actively contribute to combating corruption in all of its forms.

C.F. Møller only solicits design and consulting work, and only participates in private or public competitive bidding, under the highest standards of corporate ethics, and with total

integrity in its transactions. No offer, payment, consideration or benefit of any kind, which constitutes fraud, illegal or corrupt practices, shall be made, neither directly nor indirectly, as an inducement or reward in relation to the tendering, award of contracts or execution of contracts.

RESULTS FOR 2018

We have not experienced cases of corruption on our projects during 2018.

ACTIVITIES FOR 2019

1. We will start a dialogue with partners on relevant projects to avoid corruption, where possible, relating to the supply chain and awarding of sub-contracts.
2. We will hold a continuous professional development course for project leaders, the management team and other senior employees on anti-corruption, and how it can be dealt with.



STORSTRØM PRISON

The Storstrøm Prison is the world's most humane and resocialising closed prison, with a less institutionalised architecture that supports the inmates' mental and physical well-being, and ensures a secure and pleasant workplace for employees.

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