

UN Global Compact, October 2019  
**Communication on  
Progress**



WE SUPPORT





This report details WindowMaster International's performance on social, ethical, and environmental issues in 2019. It clarifies how we have worked with the Sustainable Development Goals (SDGs) in our daily business and what measurements we have taken to tackle global challenges as pointed out by the UN Global Compact.

The first part of the report presents our work and policies related to labour and human rights. The second part describes what we do to protect our planet and the environment.

## Table of Contents

At the vanguard of green technology	4 – 5
WindowMaster 2019 snapshot (YTD)	5
The buildings of the future will breathe	6 – 7
Human and labour rights	8
A helping hand to the future workforce	9
Employee training and development	9
Sustainable development starts in school	9
Terres des Hommes	10
A sustainable workplace culture	11
Environmental report	12
Driving client sustainability	13 – 15
Change in product design	16 – 19
Getting rid of plastic	20 – 21
Bringing down GHG emissions from transportation	22
Food waste	23
Promoting sustainable building practices in the European Union	23
Looking back	24 – 25
Aspirations for the future	26 – 27

# At the vanguard of green technology



area will presumably be added to the global building stock. To put things into perspective, this is the equivalent of building a new Paris every week for the next 40 years.

Adding to this, a whopping 40% of global greenhouse gas emissions are linked to buildings and construction processes. And with the Paris agreement commitment to limit the temperature rise by 1.5 degree Celsius, the transition to net-zero buildings is both urgent and imperative. To accomplish this transition, the world needs a change in attitude, and above all, it needs every individual, corporation, NGO, and government to start putting action behind their words.

However, it's not all gloomy news. We are better equipped than ever before to reduce buildings' carbon footprint using intelligent technologies. Therefore, I strongly believe that together, we can transform the built environment from being a major contributor of greenhouse gas emissions to a central part of the solution to the climate change. If the new building stock is designed to meet zero-net-carbon standards, and renovations are based on energy efficient technologies, then we have laid a solid foundation for restoring our climate.

At WindowMaster, we have already begun the work to realize this potential. We strive to stay in the vanguard of green technology and offer the building industry sustainable solutions that are good

for both the indoor and outdoor environment.

In 2019 we have delivered a broad range of window automation products and services that directly lower building energy consumption and create healthy and safe indoor spaces. We have invested in the development of green technologies and no less than four new products have reached the market in 2019.

In this report, we will zoom in on how we address global ambitions with local solutions. With every project WindowMaster delivers in local communities, we minimize the carbon footprint of a building. This is something we pride ourselves with, but also something we see as an obligation. The report also covers activities taken inhouse to reduce waste and energy consumption in relation to product manufacture and how we work with human wellbeing; both internal in WindowMaster and in developing countries.

In 2019, we have aspired to make a meaningful, long-lasting contribution to the UN Global Compact's Ten Principles. Taking a principles-based approach to the Sustainable Development Goals helps us to see the full range of our impact - both positive and negative. Through our work with the SDGs we can therefore reduce risk and nurture innovation.

By using the Ten Principles as a systematic framework for our CSR strategy, we are also able to ensure that the actions we take to reach one

goal create positive knock-on effects on other goals. This way, our activities have the greatest possible impact on the environment and society.

Together, the Global Compact and SDGs help WindowMaster to approach sustainability in a holistic way, and the benefits reaped from this approach are directly passed on to customers and partners. Looking ahead, 2020 is rapidly approaching, and I am excited to say that we will continue the good work in the new year as a UN Global Compact member.

Erik Boyter  
CEO, WindowMaster International A/S



## WindowMaster 2019 snapshot (YTD)



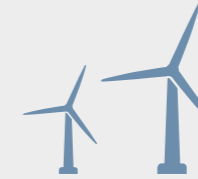
**125 employees**  
72% men and 28% women



**12,308 of green tech solutions and products delivered**



**179,927 DKK invested in education and training of employees**



**100% wind energy at headquarters<sup>1</sup>**



**100% renewable energy for electricity at production site<sup>1</sup>**



**1.638 tons reduction of food waste**



**3.314 hours spent on development of green technologies**

<sup>1</sup>: CO<sub>2</sub> compensated







# The buildings of the future will breathe

WindowMaster was founded in 1990. Its founding vision is to create better, sustainable buildings with healthy and safe indoor climates. WindowMaster employs highly experienced cleantech specialists in Denmark, Norway, Germany, United Kingdom, Ireland, Switzerland, and the United States of America. In addition, we work with a vast network of certified partners worldwide.

We supply sustainable indoor climate solutions for all types of buildings. Our solutions are based on natural forces – i.e. airflow. We believe that fresh air in buildings allows them to ‘breathe’, which, not unlike for us, is paramount to staying healthy.

In addition, we have many years of experience in providing smoke ventilation solutions that comply with European EN standards and local regulatory standards.

## Natural ventilation from WindowMaster technology can contribute to:

- Reducing the building energy consumption
- Good thermal comfort all year round
- Free, energy-neutral cooling via night purge ventilation
- Reducing the amount of material used compared to mechanical ventilation
- Reducing the capital cost compared to mechanical ventilation

[www.windowmaster.com](http://www.windowmaster.com) →



## Environment: We place environmental responsibility at the core of our business



At WindowMaster, we believe that energy consumption can be minimized while improving the indoor climate through access to fresh and clean air with green ventilation technologies. This is at the heart of our environmental strategy which comprises several key areas:

- Make a global difference on product quality and innovation in the building industry
- Inspire the building industry worldwide to explore sustainable alternatives to energy inefficient ventilation systems
- Running efficient operations
- Enabling client sustainability
- Sharing insights to advance sustainability

## Human rights: We believe in equality and dignity



WindowMaster is committed to protect human rights, both for our own employees and for our suppliers. We respect the Universal Declaration of Human Rights and environmental protection. Accordingly, our Code of Conduct is shared with all employees and external business partners.

With components sourced from developing countries, we acknowledge that a thorough assessment must be carried out to identify potential and actual adverse human rights impacts that our collaboration can potentially cause, contribute to, or be directly linked to. Ongoing auditing will be a top priority in 2020, where new processes will be established.

We maintain a zero-abuse level and ask employees as well as supply chain partners to support and join the UN Global Compact.

## Labour: We strive to be a preferred employer



Our strong commitment to uphold labour standards is an integral part of our relationship both with internal workforce and external suppliers. Standards include workers’ councils, freedom of association, elimination of forced, compulsory and child labour, and elimination of discrimination.

Non-discrimination and equal opportunities are rudiments of promoting diversity both in terms of gender, nationality, and cultural background.

## Anti-corruption: Transparent governance is key to our business



At WindowMaster we have both preventive and reactive measures in place to inhibit corruption. We adhere to international and regional legal frameworks concerned with anti-corruption and have a zero-tolerance policy for corruption, bribery, and extortion.

Our Business Ethics policy shows our consistent and uncompromising adherence to strong moral and ethical principles and values in our pursuit to deliver competitive results. All employees and business partners who act on behalf of WindowMaster are subject to the policy.

We have a whistleblower program in place and follow-up mechanisms for reporting fraud, corruption or other corporate wrongdoing. Internationally, we have maintained a solid check and balance system over transactions. Records and transactions are checked and controlled by finance and administration.



# Human and labour rights

## A helping hand to the future workforce

SDGs 4.4, 4.7, 7.a, 8.3, 8.5, 8.6, 8.b, 13.3



At WindowMaster, we promote sustained, inclusive and sustainable economic growth, full and productive employment, and decent work for all. We further work to reduce the proportion of youth not in employment, education or training. Therefore, in 2019 we have committed to hire trainees and pay for their education. This year, we have employed three trainees.

## Employee training and development

SDGs 4.7, 8.3



WindowMaster is committed to helping our employees develop the necessary skills and capabilities to advance in their careers and deliver high quality work to our clients. We therefore have development-oriented policies in place that support and encourage creativity and innovation.

As per August 2019, we have invested 179,927 DKK in employee training across all our different markets and functions. When zooming in on the numbers, we have increased investments in most areas compared to 2018 (UK and Ireland, Switzerland, USA and support

departments, which includes HR, Finance, IT, Business Development, Product Management, R&D, and Supply & logistic).

## Sustainable development starts in school

SDGs 4.7, 17.16



At WindowMaster, we strive to increase the time and resources spent in school on learning about sustainable building technologies. It is essential to generate awareness about the issues and possibilities related to both building CO<sub>2</sub> emission and healthy indoor environments early on to promote greater environmental responsibility and encourage the development and diffusion of green technologies.

To act on this, we signed an agreement in 2018 with the Technical University of Denmark stating that WindowMaster will provide thesis statements about energy-efficient indoor climate control. The statements can be used by students for writing their Master's thesis. In 2019, yet another student has chosen a WindowMaster statement as the framework for his thesis.

WindowMaster further commits to provide guidance, supply components when necessary, and to make our expertise within the field of clean tech available to students working with us.

Market / function	2017	2018	2019 (per 01.09)	Grand Total
Nordic Market	111.794	81.507	34.440	227.741
DE & AT Market	8.160	411	–	8.571
UK & IE Market	2.816	1.431	6.557	10.804
CH Market	17.422	13.549	14.302	45.273
US Market	45.026	1.485	8.563	55.074
Support Departments	295.495	83.745	116.065	495.305
Production	6.389	15.112	–	21.501
<b>Grand Total</b>	<b>487.101</b>	<b>197.240</b>	<b>179.927</b>	<b>864.268</b>







## Terre des Hommes

SDGs 1.1, 1.2, 1.4, 4.1, 4.3, 4.4, 4.5, 4.6, 4.b, 4.c, 8.6, 9.c, 17.6, 17.17



As part of our commitment to the UN's SDGs, WindowMaster sponsors an IT education program through Terre des Hommes (TDH) Denmark's Khetwadi School project in Mumbai, India. Beginning in 2016, our sponsorship continues today.

The sponsorship provides funding in a number of areas. Firstly, it funds the computer training center on the outskirts of Delhi as well as equipment for the center. Along with the facilities, the funding employs two full-time teachers. In addition to the center's resources, the funds include 2 scholarships for students who are pursuing higher studies.

**“ The Government approved IT qualification course is a requirement for consideration in many jobs. Due to the support of WindowMaster, these CASP students now have the chance to pursue many of the same opportunities as children from privileged backgrounds. We are very grateful”**

Manju Upadhyay, Project Manager, CASP Delhi Unit

The Q4-2018 report from TDH Denmark is exciting. 76 trainees are enrolled in all three courses offered at the computer center. 49 students are female and 27 are male. In addition to the 76 trainees, 116 students graduated from the center: 93 students from the digital literacy course and 23 students completed 6 months of basic IT training.

Upon completing courses and training, the students receive certificates. The certificates are government-approved and are a requirement in many job applications.

### About the 2 scholarship recipients: Sarah and Anna

Sarah is in her 3<sup>rd</sup> year of Computer Engineering studies. Sarah is an orphan who lives with her aunt. While she is supported by her family, there are no funds for her educational expenses. The scholarship helps her continue her degree and her social worker reports that she is bright and doing well.

Anna is also in her 3<sup>rd</sup> year of Engineering. Despite many obstacles and lack of support in her home and community, she continues to pursue a degree in Telecommunications. She has made friends at the school who she studies with.

Anna lost her mother at a young age and her case worker remarks that she stays very focused on her studies despite the lack of encouragement available in her everyday life. The scholarship she receives allows her to continue her studies.

[Read more about Terre des Hommes and our commitment to the program →](#)

## A sustainable workplace culture

Humans are a paramount resource for WindowMaster. That's why we encourage employees to partake in activities that strengthens physical and mental health.

Throughout the year we facilitate participatory activities that bring employees together.

For example, in the summer of 2019, staff at WindowMaster headquarters in Denmark participated in the annual DHL relay race with two teams. This allowed employees to be active outdoors, get some fresh air, and enjoy each other's company with a social dinner to end the event.

The annual summer party invites employees to participate in social activities followed by a relaxed dinner. Likewise, a December Christmas lunch and holiday bingo at the Headquarters contribute to a cozy and welcoming atmosphere.

Fieldtrips are planned to the projects that WindowMaster is currently working on or have worked on in the past. These trips give employees a taste of what their work contributes to in the community.

Events like these are planned throughout all our offices across Europe and USA.



DHL relay race, 2019



# Environmental report

## Driving client sustainability

SDGs 7.1, 7.2, 7.3, 7.a, 7.b, 8.2, 8.4, 9.4, 9.5, 11.6, 12.2, 12.6, 12.8



Helping clients to become more sustainable is what our business is all about. We empower clients to reduce CO<sub>2</sub> emissions by offering energy-efficient technologies to control the indoor climate in their buildings. As such, our work to foster a greener environment transcends beyond the limits of the actions taken internally to optimize our own buildings and behavior.

In 2019 we have helped the building industry reduce its carbon footprint with 12,308 (YTD) green tech products and projects delivered to markets across the world. On the following pages are three examples of how we have enabled clients to build energy efficient buildings.



Photo: Lund Hagem Arkitekter AS

### Klimahuset, Oslo – new building goes back to the roots

Klimahuset is a new exhibition center and is part of the Museum of Natural History in the Botanical garden of Oslo, Norway.

The 650 sqm large building will be inaugurated at the end of 2019/beginning of 2020. The goal of Klimahuset is to convey information about the climate and to engage visitors and the community in sustainability. Moreover, the building works as a guidepost for sustainable building through innovative and locally sourced materials, interaction between low- and high-tech solutions, and the use of wood.

A primary means to building Klimahuset sustainably was the installation of automated natural and hybrid ventilation supplied by WindowMaster.

Natural ventilation is achieved through window actuators on the façade, which control the windows according to temperature, CO<sub>2</sub> levels and weather data. This ensures the best possible indoor climate at the lowest possible energy consumption.

For this project, the new, intelligent indoor climate control solution developed by WindowMaster, [NV Embedded®](#) →, is used.

[Read more about the WindowMaster contribution to Klimahuset](#) →





## UCL Student Center, London – with the needs of students at its heart

Opened in February 2019, the Student Centre is a brand-new facility, designed from the ground up with the needs of students at its heart. The 5,764 sqm building provides practical support through a new Student Enquiries Centre, and with 1,000 new study spaces and new routes across campus, it radically improves the way you move and learn at University College London (UCL).

The building represents a flagship for sustainability. In 2019 it was awarded the highest BREEAM (Building Research Establishment Environmental Assessment Method) rating, recognizing its sustainable design and construction. Only 320 buildings globally have achieved this to date.

One factor which helped the Student Centre achieve an ‘Outstanding’ rating is the natural ventilation solution

designed and provided by WindowMaster. The ventilation solution has already been fully tested throughout the London heatwave of 2019 with excellent results.

Fresh air is provided via floor level vents and is drawn up through the atrium at high level where heat is extracted to help reduce energy consumption during the cooler seasons. Windows automatically open to naturally ventilate the building in the spring and autumn, eliminating the need for mechanical ventilation.

For this project, WindowMaster controls window actuators in 34 ventilation zones with the system [NV Advance®](#) →.

[Read more about the WindowMaster contribution to the UCL Student Campus](#) →



## One Angel Square, Northampton – award winning redesign

The 22,000 sqm One Angel Square in the UK was developed as a key element in Northampton’s County Council’s drive to improve its operational efficiency. Its rationale was that a new city center office would allow 2,000 council workers to be relocated from 12 offices scattered around the town, improving operational efficiencies and generating savings on rent and maintenance. Moving the workforce back into the town center would also help to reinvigorate a historically important quarter of the town.

One Angel Square demonstrates success through understatement and simplicity. It adopts best practice passive design strategies including mixed-mode ventilation and combines them through an approach to deliver a highly efficient, highly sustainable, and highly comfortable building.

The building façades have louvred panels, which conceal automated fresh air ventilators. The façade ventilators open automatically under control of the building management system. This solution takes the ventilation element away from the window, so you don’t end up with window blinds obstructing an open vent.

When natural ventilation is not possible, high-efficiency air handling units provide mechanical ventilation. CO<sub>2</sub> sensors around the floor plates monitor if windows are

open. In that case the CO<sub>2</sub> levels will decrease, and the mechanical fresh air supply will automatically ramp back.

CFD modelling proved the operational energy benefits of using the mixed mode ventilation approach. A modelling- and sensitivity analysis has estimated a fan energy saving of 30% by using the WindowMaster mixed-mode solution, where mechanical cooling takes over once temperature rises above 21°C.

The building was completed in 2017 and in 2019 the project won the CIBSE Building Performance Award “Project of the Year – Commercial/Industrial”.

Award description: “Recognizing and celebrating the new build or refurbishment of a commercial or industrial building that most effectively demonstrates high levels of user satisfaction and comfort while delivering outstanding measured building performance, energy efficiency and reduced carbon emissions”.

The WindowMaster [NV Advance®](#) → system is used to control 61 zones containing approximately 250 actuators, fitted to open bottom hung 2m tall unglazed vents.

[Read more about the WindowMaster contribution to One Angel Square](#) →



## Change in product design

SDGs 8.4, 9.4, 12.2, 12.4, 12.5, 17.16

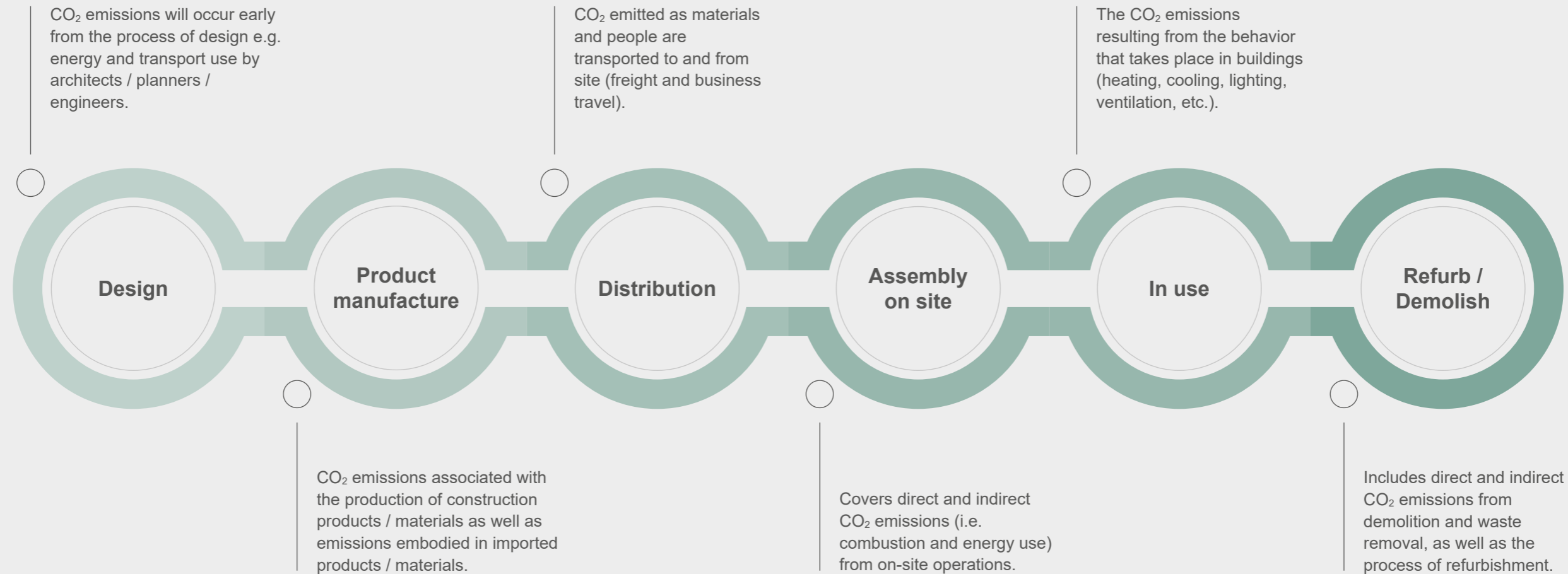


Being in the construction industry, it's important for WindowMaster to acknowledge that sustainability not only concerns the operation and maintenance of a building. Constructing buildings requires a substantial amount of materials, which have an associated embodied energy

for manufacturing, transport, construction and end-of-life disposal. Accordingly, it is important to focus on buildings' entire lifespan. Only then can we significantly reduce the carbon footprint of our built environment.

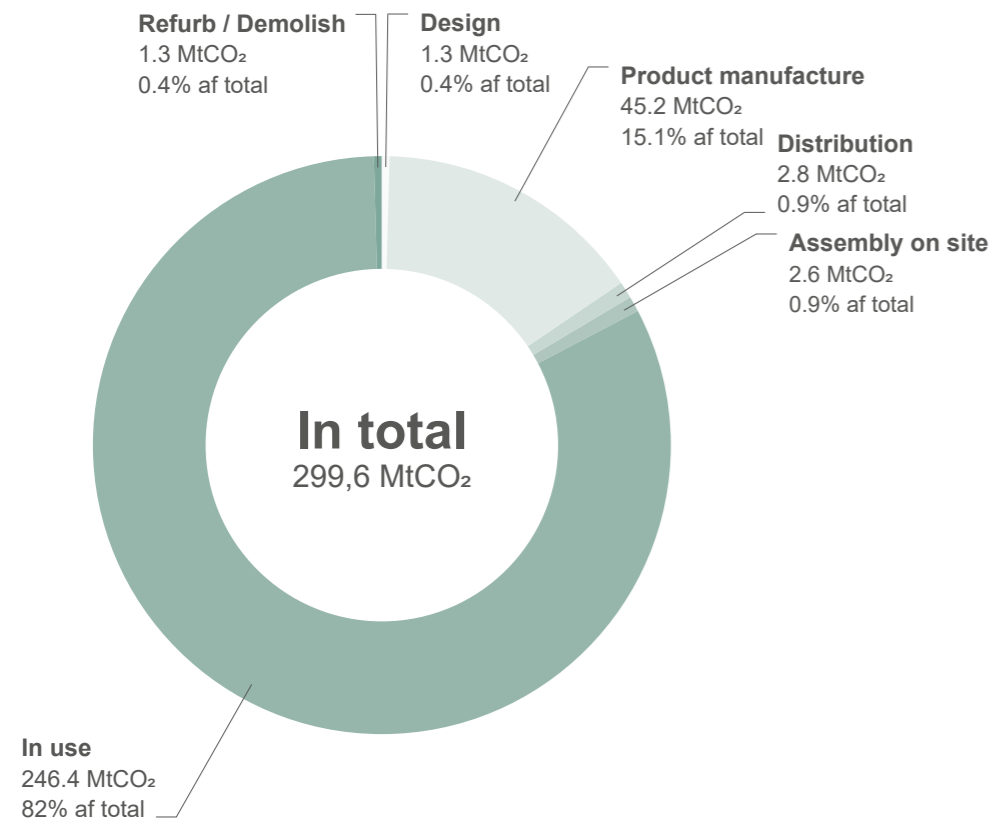
According to a study carried out by the Department for Business Innovation and Skills<sup>2</sup>, in-use building emissions accounts for the largest proportion, over 80%, of total CO<sub>2</sub> emissions that our industry can influence.

Manufacture of products and materials accounts for the largest amount of emissions within the process of construction that can be influenced.

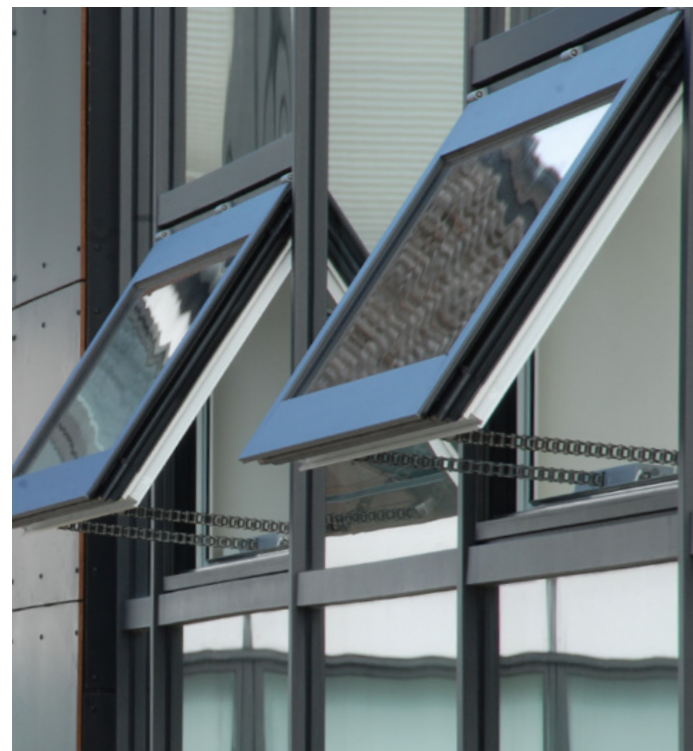


<sup>2</sup> Source: [Estimating the amount of CO<sub>2</sub> emissions that the construction industry can influence](#) →





**Pie chart:** Adapted amount of CO<sub>2</sub> emissions which the construction industry has the ability to influence



WindowMaster products have a direct impact on the “in-use” of buildings. By using natural forces, window actuators used for natural and mixed mode ventilation significantly reduce the energy consumption when buildings are cooled. Accordingly, we act upon what we perceive to be an obligation to bring down CO<sub>2</sub> emissions in buildings when in use.

In 2019 we have analyzed our potential to further reduce the environmental impact of buildings during their life span. The second most influenceable area in which the construction industry has great capacity to minimize carbon emissions is in product manufacture. Window actuators/motors are the direct product of our manufacture process.

Based on research and testing, WindowMaster has in cooperation with a global window manufacture in 2019, implemented the following three steps to address energy usage and resource consumption during the manufacture of our products shipped to key accounts, with step 3 being applied to products shipped to all customers.



**Non surface treated aluminum motor cover**

Previously the outer motor cover underwent an anodizing process. However, the motor cover is made of aluminum, which has without special surface treatment sufficient corrosion resistance for that application. And with the motor being built into the frame and thus invisible to users, the process was deemed expendable. Skipping this process has minimized the environmental footprint of the product in several ways;

- There is now zero raw material consumption for the sulfuric acid bath in which the anodizing process is performed.
- We have eliminated water consumption and wastewater treatment for the sulfuric acid bath.
- The energy consumption is reduced by 760 kWh per year, by skipping the anodizing process for the annual production volume.



**Cable length reduction to 1,400mm**

Previously a 5,000mm cable was attached to all VELUX Modular Skylight open system actuators.

A thorough assessment showed that with their products being tailor made for their product application, the length of the cable was in fact exaggerated. Reducing the cable to the actual required length of 1,400 mm has reduced the resource consumption significantly.

For the annual production volume the resource saving amounts to 270 kg of copper and 510 kg of plastic.



**No paint on inner motor cover**

Historically, powder coating was applied to the aluminum parts of the inner motor cover to all customers. However, the motor cover is not visible for the end-user and by skipping the powder coating process presents no negative impact regarding quality or product lifetime. By eliminating this process, we have successfully been able to;

- Eliminate the consumption of 360 kg of powder coating material.
- Bring energy consumption for pre-treatment, drying processes, curing after powder application, running the line, and support processes from 43,000 kWh to zero.

**Changing product design**



No anodizing process for production **saves 760 kWh** per year



**270 kg less copper** used



**510 kg less plastic** used



**43,000 kWh energy reduction** from skipping powder coating



**360 kg. less raw material** used for powder coating



## Getting rid of plastic

SDGs 8.4, 12.2, 12.4, 12.5



In recent years, businesses and whole industries have been challenged on the use of plastic in their products and packaging. And rightly so, the construction industry has been no stranger to this debate, receiving its well-deserved share of criticism related to its impact on the environment.

This increased focus makes it clear that the time for innovative and sustainable solutions is now, especially in terms of materials, workflows, and attitudes towards waste within the industry.

It was these rigorous criticisms on the lack of sustainability in our industry that led us to position our products and technology within the sustainable building revolution. However, it was impossible to overlook our own product's contribution to the painful plastic consumption statistics. [In Europe alone, packaging is responsible for 30% of annual plastic production](#) →. It became both obvious and difficult for us to brand our products as a sustainable building technology without also reviewing the waste in our packaging.

In 2016, we launched an internal review of plastic consumption within our supply chain. To little surprise, we found that our product packaging was the key culprit

in our company's plastic use. We also found that simple changes could help us reduce this considerably.

WindowMaster products very rarely are found sitting outside at a construction site. Because of the electrical components and size, they are often stored inside, unlike other, larger building materials. So, as these large building materials may need to stand outside for extended periods of time, plastic wrapping is deemed necessary to protect them. WindowMaster products, which are usually stored inside, do not need this level of plastic wrapping.

After reviewing the process and protocol around the use of plastic in our packaging, we decided to set a goal for 2018 to reduce our annual consumption of plastic by 30% from our packaging. By the end of 2018, we succeeded in reducing our plastic consumption by 69%. The work has continued into 2019, where a slight increase is the

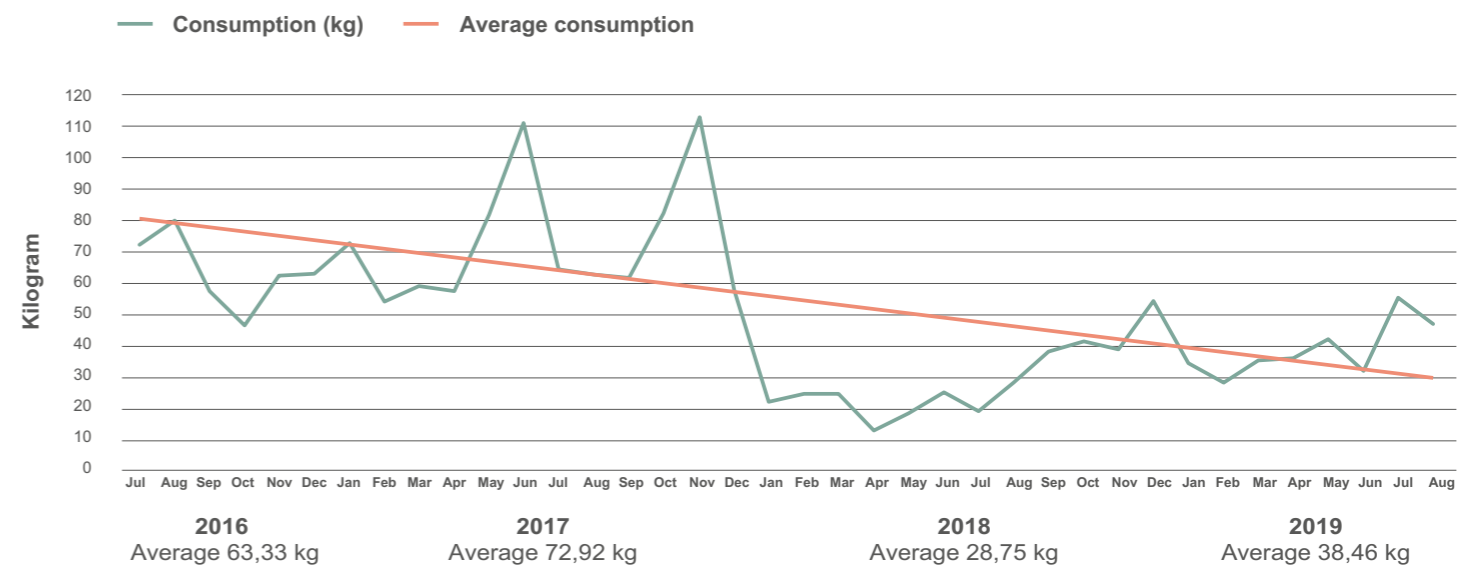
result of larger order intake. Therefore, we have been able to stay on the right track towards reducing plastic consumption.

**“ We certainly do not want to be part of the unsettling statistics, which is why we have launched a number of initiatives that can reduce our environmental footprint. Our success in reducing plastic consumption has proven to us that there are many ways to improve if we simply invest the time and effort into new initiatives ”**

Erik Boyter, CEO of WindowMaster International A/S



Consumption of plastic packaging at WindowMaster





## Bringing down GHG emissions from transportation

SDGs 8.4, 12.2, 12.4, 12.5



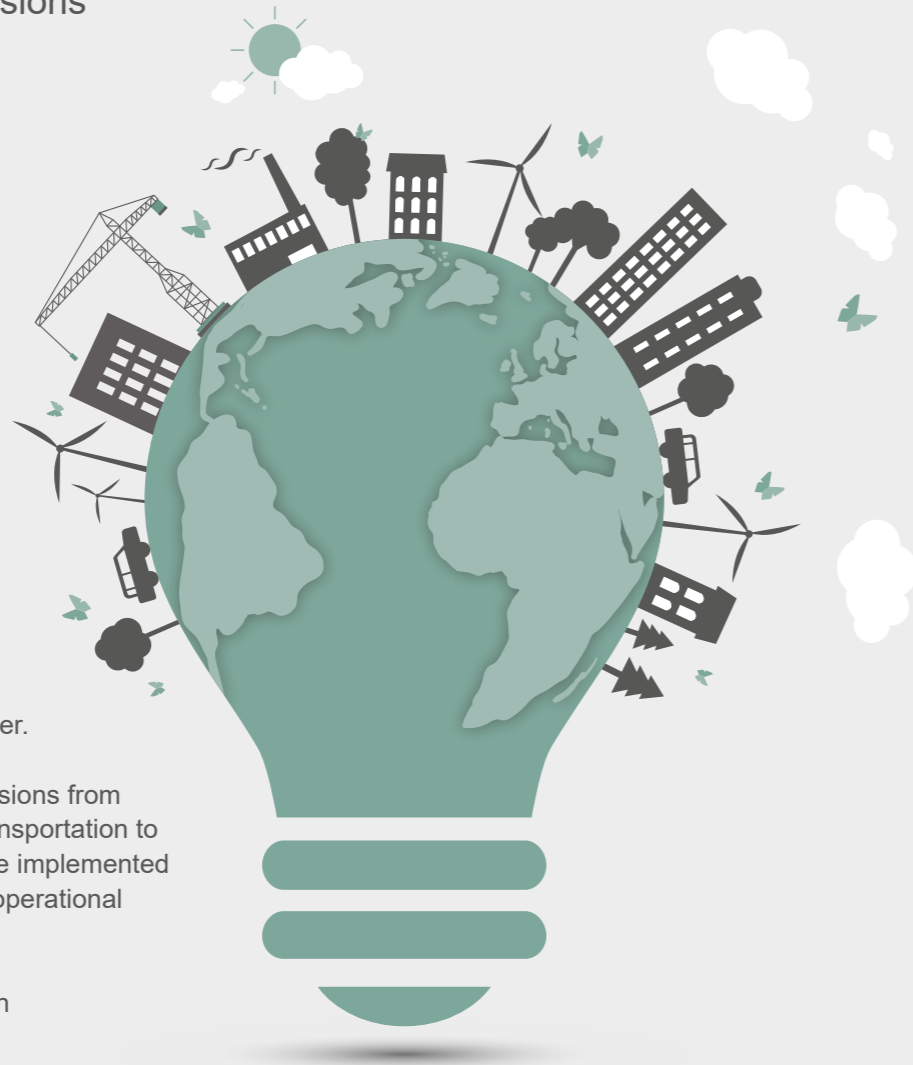
The transportation sector is one of the largest contributors to greenhouse gas (GHG) emissions in our key markets (Europe and USA). It represents about a quarter of GHG emissions and has not seen the same gradual decline in emissions as other sectors. GHG emissions by source within transportation shows that road transport accounts for the largest footprint both in Europe and the USA; key markets for WindowMarster.

WindowMaster strives to keep emissions from our vehicles and other means of transportation to an absolute minimum. To do this, we implemented Skype for Business early on in our operational infrastructure and aim to use this technology whenever possible. This has resulted in fewer flights between markets and different offices.

However, we acknowledge that not all meetings and visits can be carried out with Skype. Physical presence is sometimes necessary, especially when it comes to inspection or service of buildings and products. Similarly, product deliveries also require physical transportation. Accordingly, we will not be able to bring our miles on the road to zero.

To counteract or bring down our transportation GHG emission, we have in 2019 instituted new abatement levers that will allow us to shift to low-emission mobility:

- By 2025, our entire vehicle fleet will be non-fossil fuel powered.



- We have started to bulk shipments to a large key customer. This means, that we no longer ship individual boxes, but can reduce the carbon footprint through improved logistics, container utilization, and warehouse optimization.

We are currently investigating other measures that will potentially minimize GHG emission from transport operations. These include shifting to lower carbon modalities (e.g. changing air to sea freight) and local sourcing in production.

## Food waste

SDGs 12.3, 12.5



We receive lunch at our headquarters every day from an external supplier. In order to reduce or eliminate food waste, we implemented a lunch sign-up procedure. Each week, employees must indicate which days they will eat lunch in the following week. This ensures that we do not over-order food.

On a normal day, 25-30 people enjoy lunch in the canteen. By introducing the sign-up process, we have been able to bring down food waste during the past year, saving approximately 1,638 tons of food and 125,000 DKK.



## Promoting sustainable building practices in the European Union

SDGs 12.7, 17.4



Since 2017, WindowMaster has had an active voice in the climate debate on an EU level. Our current involvement includes standardization of descriptive documents relevant to the design process of natural ventilation. In 2019, our work with streamlining processes for designing buildings with natural ventilation has continued.

The goal with this initiative is to make it easier for Building Owners, Contractors, Architects, Engineers, and other stakeholders within the construction industry to understand and choose natural ventilation as a green alternative to other energy inefficient ventilation solutions. Our involvement in standards at an international level also helps us improve the quality of natural ventilation solutions at the industry level, ensuring that they meet minimum standards for building performance enhancement, lower energy consumption, and foster healthy indoor environments.

Four work items have been approved, with the following titles and technical committees:

- Ventilative cooling systems (CEN/TC 156)
- Natural and Hybrid ventilation systems in non-residential buildings (CEN/TC 156)
- Design process of natural ventilation for reducing cooling demand in energy-efficient non-residential buildings (ISO/TC 205)
- Expansion of Natural and Hybrid ventilation for residential buildings in upcoming revision of EN 15665:2009 and CEN/TR 14788:2006 (CEN/TC 156)

The approved documents under CEN/TC 156 (Ventilation for buildings) are planned as Technical Specifications, whereas under ISO/TC 205 (Building environment design) they are planned as an ISO Standard.



# Looking back

When WindowMaster joined the UN Global compact, the Ten Principles and 17 SDGs became an integral part of our business strategy, day-to-day operations, and organizational culture. We conducted a holistic assessment of the current positive and negative impact that our operations and value chain had on the SDGs and communities where we are present. As a result, we were able to set specific, measurable, and time-bound targets to incentivize and motivate performance across the company and to achieve organizational commitment.

Key targets were based on a clear set of SDG priorities where we could maximize our impact. Primary targets entailed;

- Bringing down plastic consumption by 30% in 2018
- Reducing energy consumption at our premises by 20% in 2018

- Reduce fossil fuel consumption to a maximum of 25% in 2018
- Reduce CO<sub>2</sub> emissions from vehicles by 20% in 2018

With 2015 being the baseline year, we have successfully managed to reach all targets (cf. COP report 2018). Our aim to further reduce our premises' energy consumption, fossil fuel consumption, and vehicle emissions has continued throughout 2019.

But with 2020 being only a few months away, it is time to identify new business models, strategies, products and activities necessary to achieve the scale and transformation needed to create a better world in accordance with the UN Global Compact Principles.

2020 will be a turning point for WindowMaster in terms of our CSR strategy. In 2019, we can say that we have

successfully reached several targets set out four years ago, including reducing our total energy consumption on several parameters.

It is now time to look forward and set new, even more ambitious goals for the future. To do this, we have built a working group. The task of the group is to reify our CSR strategy and structure our sustainability efforts in order to create a tangible corporate social responsibility program. This program will outline a set of focused, measurable targets, all aligned with one overall strategy.

The purpose of the new overall strategy is to use the allocated resources more efficiently, to strengthen and make our CSR vision more focused and easier to grasp, and to re-engage employees and our supply chain.

We will continue to view the SDGs through the lens of the Ten Principles and aim to bring a principles-based approach to life. We will align our CSR program with goals that reflect our business strategy and our ability to significantly impact our surroundings both now and in the future.

To achieve this, we will bring in an external expert who can add value to the internal working group. The strategy and underlying targets will be presented in our Communication on Progress report in 2020.



# Aspirations for the future

2020 will be a turning point for WindowMaster in terms of our CSR strategy. In 2019, we can say that we have successfully reached several targets set out four years ago, including reducing our total energy consumption on several parameters.

It is now time to look forward and set new, even more ambitious goals for the future. To do this, we have built a working group. The task of the group is to reify our CSR

strategy and structure our sustainability efforts in order to create a tangible corporate social responsibility program. This program will outline a set of focused, measurable targets, all aligned with one overall strategy.

The purpose of the new overall strategy is to use the allocated resources more efficiently, to strengthen and make our CSR vision more focused and easier to grasp, and to re-engage employees and our supply chain.

We will continue to view the SDGs through the lens of the Ten Principles and aim to bring a principles-based approach to life. We will align our CSR program with goals that reflect our business strategy and our ability to significantly impact our surroundings both now and in the future.

The strategy and underlying targets will be presented in our Communication on Progress report in 2020.



WindowMaster aspires to protect people and the environment by creating a healthy and safe indoor climate, automatically ventilating spaces with fresh air through facade and roof windows in buildings. We offer the construction industry foresighted, flexible and intelligent window actuators and control systems for natural ventilation, mixed-mode ventilation, and smoke ventilation – of the highest quality.

WindowMaster employs highly experienced cleantech specialists in Denmark, Norway, Germany, United Kingdom, Ireland, Switzerland, and the United States of America. In addition, we work with a vast network of certified partners. With our extensive expertise built up since 1990, WindowMaster is ready to help the construction industry meet its green obligations and achieve their architectural and technical ambitions.

[windowmaster.com](http://windowmaster.com)

**WINDOW  
Master®**  
Fresh Air. Fresh People.