

## **Environmental policy**

We understand that active consumers will have a crucial role in the future energy system. Midsummer supplies products and services that streamline customer operations, processes and flows within the energy sector and environmental considerations are integrated into day-to-day operations and our performance builds on the contribution of all our employees.

At Midsummer, we are committed to reduce our environmental footprint and we contribute to annual reductions in the amount of greenhouse gases through efficient systems and transportation. We even contribute towards the customers reduction of carbon footprint. Furthermore, we strive to reduce the number of resources being used being aware that resources are being scarce. Therefore, we aim to reduce resource usage by implementing efficient technology and creating new strategies.

Environmental work and reducing the company's environmental impact is under constant development. We strive to each year compile the results of our environmental work, in both quantitative and qualitative terms, which form the basis for our new environmental goals for the coming years.

## **Climate Neutrality**

We have a goal to reach carbon neutrality from our full value chain, which is in line with the UN Sustainable Development Goal 13 which is about combating and taking urgent actions to reduce climate change impact and to keep in line with the 2 degree goal. Reducing the climate change impact also reduces the direct negative impact on food production, water scarcity, health and reducing the amount of occurring natural disasters.

We are aware that there are still releases of greenhouse gas emissions from our product's life cycle that consists of raw material extraction, manufacturing, transport, usage and end-of-life. A lifecycle assessment has been conducted to pinpoint and create a holistic view of our overall environmental impact and find long-term solutions to reduce the environmental impacts.

We support the transformation of energy systems by being a renewable energy which starts from our manufacturing to selling our products to customers and commercial business partners. The demand for natural resources for energy utilization will increase and alternative solutions are needed when there won't be any possibilities of fossil fuel burning.

## **Resource usage**

Strengthening and increasing our product's longevity and use is vital to preserve natural resources which is already scarce. The world faces lots of challenges that is

## MIDSUMMER ENVIROMENTAL POLICY

related to resource extraction and resource usage where design modifications or applying new technical features or alternative solutions are needed to solve the current problem. The demand of natural resources for energy will increase and alternative solutions are needed. By letting solar cells being a solution for our future, Midsummer will act as a leading actor to reduce resource usage in every step.

Midsummer are responsible for the flow of resources in the whole value chain which consists of initial contact of the customers to final installation which ensures a 10-year product guarantee together with a 90 % expected peak power. Furthermore, the solar cells will have 25-year guarantee but with 80 % expected peak power.

While producing our products, we minimize the use of chemicals according to the standards and reduce the impact on air, soil, and water. The use of water at Midsummer, both production and personnel wise, is at minimal. However, based on a recent lifecycle assessment 86 % of the total environmental burden originates from raw material extraction. The biggest contribution comes from silver extraction which is more than half of our environmental burden. There are several advantages of using silver where it is both recyclable and reusable which has less than 90 % environmental burden compared to virgin silver.

Because our customers haven't reached the products full lifecycle yet, we still work towards sustainable resource consumption already at the planning stage. To fulfill a circular approach, we focus on retaining vital components to use them in our newest products.

Furthermore, for our waste management, we always strive to recycle our spills and extra materials not being used. We have our waste management firm that sends a lorry to transport our materials to their factory. After installation of solar roof tops, we collect the unused materials and spills to transport them to a waste management station for recycling.

### **Responsibilities**

Midsummer pursues active environmental management in collaboration with customers, suppliers, employees, and other stakeholders and strives to meet and exceed expectations.

At the very least, Midsummer must comply with applicable legal requirements regarding its environmental aspects and, in the few applicable parts of the operation, prevent the occurrence of pollution. Furthermore, we must comply to our suppliers to reach the standards for chemical handling and their release to the environment.

Executive Management is accountable for the development and implementation of environmental policy, processes, and performance objectives.

The environmental policy is communicated to all employees within Midsummer.

It is the responsibility of each employee to comply with the rules and procedure the company has set up for its environmental work.

## MIDSUMMER ENVIROMENTAL POLICY

Affected purchaser is responsible for ensuring environmental considerations are taken into account in purchases for the company. We conduct business with viable companies that act responsibly and comply with the Midsummer Code of Conduct and Supplier Code of Conduct.

The responsibilities applied in this organization are further inspired by UN's development goals together with the ten principles of the UN's Global Compact.

In accordance with business goals, we must actively increase our positive environmental impact through the following guideline:

- Be a pioneer towards the transformation of the current energy system to a renewable and also inspire other organizations to do the same.
- Our aim is to always offer the best solutions to the customers that would have the least impact on the environment, health, climate and the least resource consumption.
- We strive to be open with information regarding our environmental work to be more transparent and unbiased for our stakeholders.
- Choose suppliers and partners based on an overall picture of the environment, quality and economy. We also put high demand on our suppliers to follow the guidelines provided.
- We educate the staff on how they can take more consideration of the environment in their daily work.
- We engage our employees to constantly improve. Environmental tips are rewarded, and we carry out as many proposals as possible, to then follow up, evaluate and provide feedback to the employees.
- We also set environmental requirements for partners and suppliers, through our supplier code of conduct.

In accordance with business goals, we strive to combat climate change impact through the following guidelines:

- We try to reduce the company's energy consumption and strive to release less chemicals that would impact air, water, and soil.
- We aim to follow up the company's actual environmental impact, such as energy consumption and emissions.
- We will commit to reduce the GHG emissions and non GHG emissions to our overall value chain and be transparent about this to our stakeholders.

## MIDSUMMER ENVIROMENTAL POLICY

- We choose green cars for our business trips, but still try to minimize the number of trips and we conduct meetings via skype, video conferencing etc. when possible.
- We also encourage our staff to use transport medium that enables a further reduction of the overall carbon footprint such as car share, train, cycling or walking/running if possible when traveling to work. We will continuously monitor the emissions from the transportation to find possible improvements and implement new strategies.
- We use as little environmentally hazardous substances as possible and choose environmentally friendly alternatives if possible.

In accordance with business goals, we strive to reduce resource usage through the following guidelines:

- We recover and sort waste as far as possible during manufacturing processes and installation and take care of all environmentally hazardous waste.
- Currently, we use as little water as possible for our operation and implementing phases.
- We are aware of the ongoing problem of freshwater scarcity and the limited access of freshwater extraction. We always strive to reduce freshwater consumption in any ways possible and we encourage all the employees, through our full value chain, to emphasize the need to save fresh water.
- We aim to increase our efficiency through technological advancement to be able to reduce resource usage in terms of materials.
- We aim to reduce resource consumption and whenever possible to replace existing resources and materials if it benefits the overall and contributes towards our strategic goals.