



THS Armada
2019

THS ARMADA GREEN ROOM 2019

Whether it comes to products or services, companies are working towards achieving goals for Sustainable Development. Most companies have a separate sustainability department with a board of directors, whose main aim is to focus on their environmental impact, social responsibility, product security, and sustainable supply chain. Also, the products produced by the companies are intended to have a sustainable life cycle e.g., eco-friendly and reducing damage to the environment. To know more about how the companies in the Green Room work with the United Nations' Sustainable Development Goals, see below. The most important ones that the companies influence are represented below each company logo.





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LKAB aims to become one of the most sustainable mining companies in the world. The company has concrete goals for the year 2021, when it comes to energy intensity, nitrogen discharge and emissions. The mining industry is energy intensive, and historically the energy usage has been from fossil resources. To reduce LKAB's reliance on fossil energy resources, they have partnered with Vattenfall and SSAB in the project HYBRIT. In the HYBRIT project, fossil-free steel is created through the use of hydrogen.

You can read more about LKAB's sustainability work here:

<https://www.lkab.com/en/sustainability>



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VATTENFALL



Vattenfall's purpose is to power Climate Smarter Living and enable fossil-free living within one generation. Vattenfall believes that environmental performance is fundamental for the success of their business and society as a whole. Vattenfall's environmental policy is based upon the protection of nature and biodiversity, sustainable usage of resources as well as becoming climate neutral. With the use of LCAs, Vattenfall manages and develops their energy production. Vattenfall has initiated various new partnerships and projects, such as collaborations with energy-intensive Swedish industries like SSAB/LKAB, Cementa and Northvolt. Also, the entire e-mobility investment with everything from the older partnership-based initiatives like Roadmap Sweden, Elbilsupphandlingen and Nollzon, to the new InCharge network reflects Vattenfall's ambition to drive development towards a sustainable future.

You can read more about Vattenfall's sustainability work here: <https://group.vattenfall.com/who-we-are/sustainability>



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Flygresor.se might be one of the more controversial companies in this year's edition of Green Room, as their business model is matching flights with potential customers and the aviation industry contributes heavily to global GHG emissions. However, Flygresor.se is doing their best to change and impact the industry to be more sustainable through their partnership with 2030 sekretariatet with the objective to have a fossil free transportation fleet by 2030, as well as highlighting the carbon footprint of every flight on their website. Showing the numbers on carbon footprint is the first step towards making a change in the industry, and that is what [Flygresor.se](https://flygresor.se) is aiming to do. Flygresor.se is placed in Green Room because of their willingness to transform the aviation industry, and they hope to do that by meeting students with a special interest in developing the industry in a more sustainable direction!



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Cybercom's sustainability work is based on the UN Global Compact, the 17 Global Goals for Sustainable Development, and their code of business ethics and conduct. Cybercom strives to reduce their own environmental impact by lowering carbon emissions when it comes to business travel, as well as reducing their electricity consumption as a whole. With Digital sustainability and the concept of the Digital Sustainability Process (DSP), Cybercom aims to make their clients and themselves as sustainable as possible.

You can read more about Cybercom's sustainability work here:

<https://www.cybercom.com/sustainability/>



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xylem

Let's Solve Water



Being a water technology provider, Xylem helps design, manufacture and service highly engineered products and solutions across the water, energy and gas sector. Xylem has a series of five-year sustainability goals and having surpassed some of these goals already shows the level of importance given to sustainability within the company. The company is involved in and is influencing all the 17 UN Sustainable Development Goals (SDGs) by providing clean water (and) facilities, and by incorporating changes effectively within Xylem. It is inclined towards conducting Life Cycle Assessments for each of its new products in order to understand the life cycle impacts and therefore ensure more efficient use of the products.

You can read more about Xylem's sustainability work here:

<https://www.xylem.com/en-us/sustainability/>



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Alfa Laval is a leading global supplier of solutions and products for heat transfer, separation and fluid handling through products such as heat exchangers, separators, pumps and valves. Through its products, the company is committed to saving energy and protecting the environment. Mixproof Valve is one such product which has contributed to saving more than 10 million litres of water, and gasketed plate heat exchangers which have resulted in ~40% energy savings is another example that would help Alfa Laval meet its ambitious environmental targets. Places, where other products of Alfa Laval are in use today, include the Lakhta Center in Russia (tallest building in Europe), Burj Khalifa in Dubai, and the Bank of America Tower in New York.

You can read more about Alfa Laval's sustainability work here:

<https://www.alfalaval.com/about-us/sustainability/>



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BILLERUDKORSNÄS



As a provider of packaging materials and solutions that challenge conventional packaging, BillerudKorsnäs aims to move towards a more circular and bio-based business. It was named an industry leader in the Containers and Packaging category under the Dow Jones Sustainability World Index in 2018. Similar to many companies in the Green Room, BillerudKorsnäs has also well exceeded the set environmental targets for 2018. A few of the company's innovative solutions include the FlatSkin packaging tray which uses 75% less plastic than a conventional tray, encouraging more recycling and a reduced carbon footprint through its FibreForm paper trays, and creating a 100% bio-based and recyclable paper bottles. In addition, the development of a paper battery is also on the way at the company's laboratories, taking circularity to a whole new level.

You can read more about BillerudKorsnäs's sustainability work here:

<https://www.billerudkorsnas.com/sustainability>



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Preem is Sweden's largest fuel company, and almost 50% of all fuels used in Sweden are derived from Preem. The company aims to become a role model for other fuel-producing companies by leading the transition towards a more sustainable society. It already has a goal to produce 3 million cubic meters of renewable fuel by 2030. Furthermore, Preem Evolution Diesel+, launched in 2017 has a renewable content of more than 50%, has received the Nordic Ecolabel and also produces 46% less CO₂ emissions when compared to fossil diesel. Preem also collaborates with a variety of academic institutions and other industries in order to ensure energy-efficient production and to increase the share of renewables in the fuel it produces.

You can read more about Preem's sustainability work here:

<https://www.preem.com/in-english/environment/>



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SCA



SCA, which produces products like wood products, paper, pulp, packaging, and energy, is working for the reduction of carbon emissions through their production process and making their operations fossil-free. Their ambition and measures taken to achieve the targets are effective which can be seen from the concrete figures on their year-on-year decrease in emissions from their operations. All the wooden products and raw materials used by the company are certified by the Forest Stewardship Council. The company is also supporting sustainable transportation through the production of refined and unrefined biofuels which are being used by vehicles. One of the main focuses of the company is to promote the use of renewable energy for which they are initiating new wind farm projects and establishing markets to let the people know about the values and importance of renewable energy.

You can read more about SCA's sustainability work here:
<https://www.sca.com/en/about-us/sustainability/>



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SCANIA



Scania is a product and service-oriented company whose major production goes towards trucks and buses used for commercial purposes. The company is producing vehicles with the aim of promoting sustainable transportation. Hence, Scania is working for reducing GHG emissions from the entire life cycle of their products, in addition to reducing environmental impacts from their own operations. Also, the company has its own three sustainability pillars, which are energy efficiency, alternative fuels and electrification, and smart & safe transport. The sustainability report published by the company explains how transportation can be linked with all the 17 Sustainable Development goals. Although the company is producing vehicles for commercial purposes, which can have huge environmental impacts during their usage phase, the approaches taken by the company such as sustainable fuels, electrification, and smart transportation is helping the company meet the EU's requirements for sustainable transportation.

You can read more about Scania's sustainability work here:

<https://www.scania.com/group/en/section/sustainability/>



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Making Future.



ÅF Pöyry is a service-oriented company operating in energy, industry, and infrastructure. The company is looking forward to creating sustainable solutions for future generations by uniting people and technology. The company has a collaboration with several other companies to look forward to its sustainability work. The collaboration with the companies of Copenhagen for creating Green Student Accommodation and bio-cogeneration plants for energy production is helping the company to expand its sustainability work in different cities. Also, the Danish companies working with ÅF Pöyry are focused on reducing the on-road congestion resulting in reduced number of road accidents affecting human health. Sustainability is the main pillar of the company's business strategy and operations. ÅF Pöyry strives to improve people's lives by developing energy-efficient solutions, investing in infrastructure and performing assignments in various types of energy projects. With the intention of creating a bridge between cities, countries and different cultures, the company is working for social, environmental and economic sustainability.

You can read more about ÅF Pöyry's sustainability work here:

<https://www.afconsult.com/en/get-to-know-us/sustainability/>