

AN OVERVIEW OF THE ACTIONS
THAT OUR MEMBERS ARE
TAKING TO SAVE ENERGY
AND BE MORE
EFFICIENT

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WALK THE TALK

About EuroACE

EuroACE member companies have been providing energy efficient building materials, products, equipment and services for decades. But they are also committed to achieving energy savings in their own factories and office locations. Our members employ around 215,000 people at nearly 1,000 production facilities and office locations in the EU.



Thanks to innovative products designed to save energy in homes, Aereco contributes to the respect of the environment and to the reduction of greenhouse gas emissions. With buildings being responsible for nearly 36% of the total production of greenhouse gases, mainly due to heating, proper ventilation of buildings and its impact on heat losses has become a key factor for the environment. Aereco guarantees through appropriate specifications and practices that all components used in its products comply with the requirements of EU Restriction of Hazardous Substances Directive (RoHS) Directive.



Autodesk remains steadfast in its commitment to advance sustainable business practices toward net-zero carbon emissions. For the second year in a row, it neutralised its GHG emissions across its operations and entire value chain, through the deployment of the Autodesk Carbon Fund. The Autodesk Carbon Fund enables investment towards efficiency and decarbonisation targets and neutralises remaining emissions each year with investments in renewable energy and certified carbon offset and removal projects. The company doubled its internal price on carbon to align with market pricing. Concurrently, to drive investments in innovative projects to advance sustainable outcomes in its industries, Autodesk aligns its impact strategy with its financial strategy. In October 2022, Autodesk reported on using its \$1 billion sustainability bond in accordance with its sustainability financing framework.





Carrier solutions create a healthy, safe, sustainable and intelligent world for generations to come. Building on a legacy of sustainability leadership, Carrier sets ambitious goals and pushes to help solve some of the planet's most complex challenges. Carrier approaches sustainability across its business in three ways: sustainable solutions, sustainable investments and ESG in practice. Carrier aims to reduce its customers' carbon footprint by more than 1 gigaton by 2030 through a tailored approach for specifying and commissioning equipment, and providing assessment services based on each customer's sustainability, operational and budgetary goals. Throughout its global operations, Carrier is minimising its environmental footprint and making investments that improve society.



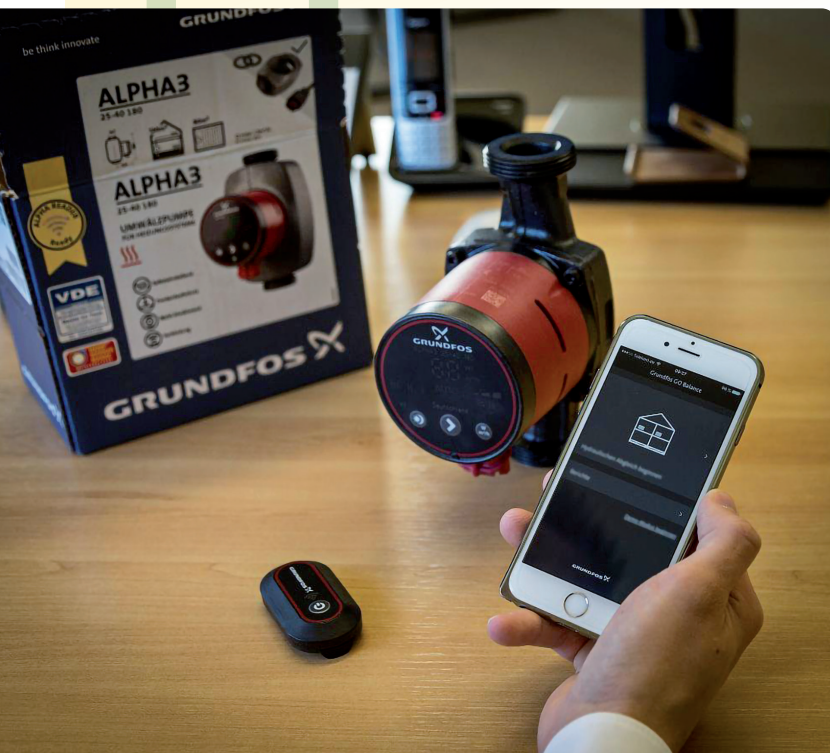
The world has made a sharp and accelerated turn toward carbon neutrality. The Daikin Group has seized this opportunity to establish "Challenge to achieve carbon neutrality" as one of the growth strategy themes of Fusion 25, its strategic management plan running through 2025, based on The Environmental Vision 2050, which aims to achieve net zero greenhouse gas emissions by 2050. Daikin has also set a target to reduce net greenhouse gas emissions throughout the entire lifecycle of its products by 50% or more in 2030 compared to business as usual with 2019 as the base year. In 2021, Daikin reduced net emissions by 10% by expanding the sales of energy efficient products.



Sustainability has been part of the Danfoss purpose since the company was founded. Danfoss began the “decade of action” by announcing its ambition to become carbon neutral in all global operations by 2030 and committing to the Science Based Targets initiative. In 2021, Danfoss integrated sustainability in its strategy and daily practices by developing ESG ambitions and targets. This builds on previous work with sustainability and focuses on three areas: decarbonisation, circularity, and diversity and inclusion. From January 2021, 25% of Danfoss global electricity consumption was CO₂-neutral and is making progress to expand the coverage in 2022. 45% of its district energy consumption is from renewables, and solid steps are being taken to phase out fossil fuels.



Grundfos runs its business in a responsible and ever more sustainable way. Since launching its 2025 Strategy in 2019, Grundfos expanded its understanding of what it takes to achieve its ambition and be recognised as a sustainability leader. In 2021, Grundfos introduced a Sustainability Council as part of its new sustainability governance model and established its sustainability framework to define our path forward. Compared to 2020, Grundfos has increased its energy savings by 14%, water savings by 20%, circular business by 160%. Grundfos has also reduced its CO₂ logistic emissions by 10% compared to 2019.





As a global leader in smart, healthy, and sustainable buildings, sustainability has been a central focus of Johnson Controls International (JCI) operations for decades. JCI was among the earliest industrial companies to report emissions and pledge emission reductions and has made tremendous progress, reducing carbon emissions intensity by more than 70% since 2002. JCI continues to take significant steps to further improve its environmental impact and has committed to achieve net zero Scope 1 and 2 carbon emissions by 2040. By 2030, JCI aims to cut Scope 1 and 2 emissions by 55% and reduce Scope 3 emissions by 16%. These ambitious targets have been approved by the Science Based Targets initiative.



Kingspan aims to support the Sustainable Development Goals (SDGs) through its relentless development of solutions which enable building owners to consume less resources. Kingspan believes in decoupling its business growth from negative environmental impacts. To do that, Kingspan has launched the Planet Passionate sustainability programme, a 10-year global programme aiming at having a positive impact on three big global challenges: climate change, circularity and protection of the natural world. Through this programme, from a 2020 base year, Kingspan targets 90% reduction in scope 1 & 2 GHG emissions and 42% reduction in scope 3 GHG emissions by 2030. In 2020, Kingspan already reached its goal of achieving net-zero energy consumption at its sites.





KNAUF INSULATION

Knauf Insulation has marked a year of consolidation in terms of zero carbon and circular economy goals. In 2020 the company launched its For A Better World sustainability strategy with long-term commitments to deliver net zero embodied carbon products, deliver a circular economy and commit to zero harm. To ensure the commitments were kept on track, the company set ambitious goals for 2025 including reducing product CO₂ by 15%. The company now has a forensic view of

the areas where it can cut carbon using internationally recognised Greenhouse Gas Protocol standards. The company's new dashboard allows for analysis of carbon impact of individual plants and identification of specific carbon hotspots to enable targeted action to tackle scope 1 emissions (direct emissions - generated directly by Knauf Insulation at its sites), scope 2 emissions (indirect emissions - from energy supplied to power Knauf Insulations' sites) and scope 3 emissions (indirect emissions - from other sources such as extraction of raw materials, transportation, end of life).

ROCKWOOL

Sustainability is integral to the ROCKWOOL Group business strategy, converting sustainable development challenges into business opportunities. To quantify its impact, set goals to reduce its footprint, and measure and communicate its progress, ROCKWOOL uses the UN Sustainable Development Goals framework since 2016. ROCKWOOL has signed up to the Science Based Targets initiative (SBTi) in 2020 and our global decarbonisation targets of reducing factory absolute greenhouse gas emissions by 38 percent by 2034 (relative to baseline year 2019) have been verified and approved. ROCKWOOL is a net carbon negative company with its stone wool building insulation sold in 2021 saving in its lifetime 100 times the energy consumed and CO₂ emitted in production. For CO₂ intensity, ROCKWOOL achieved 16% reduction compared to the 10% goal set by 2022. ROCKWOOL continues to progress on energy efficiency in owned offices, completing renovation of five buildings in 2021, with other buildings due for completion in 2022.





In 2019, Saint-Gobain committed to achieving carbon neutrality by 2050, a long term ambition now approved by SBTi following their standard released end of 2021. To achieve this, the group has established a roadmap for 2030 aiming to reduce CO₂ emissions by 33% for scopes 1 (direct emissions from plants) and 2 (electricity-related emissions), and by 16% for scope 3 (value chain emissions), compared to 2017. As the world leader in lightweight and sustainable construction, Saint-Gobain has already achieved several world firsts,

including the very first zero-carbon (in scope 1 and 2) production of flat glass in France. Circularity is a fully integrated lever to reduce our footprint, with a 2030 commitment to reduce non-recovered production waste by 80%, and to increase the quantity of virgin raw materials avoided by 30% compared to 2017. Beyond the reduction of its footprint, Saint-Gobain is aiming to maximise the benefits of its solutions to its customers. Already, the sales of Saint-Gobain solutions during one year help to avoid emissions at customer level during their life time of use by 1.4 BtCO₂ yearly. Those solutions comprise in particular insulation used for energy renovation of buildings, or to improve energy efficiency in the industry. All together, 72% of the sales of Saint-Gobain are providing sustainability benefits to their customer.



Schneider Electric is committed to taking urgent action to cocreate a brighter future aligned with the United Nations Sustainable Development Goals (SDGs). Schneider Electric acts to reduce its end-to-end CO₂ footprint, aiming for a net-zero CO₂ supply chain by 2050, with precise steps for 2025, 2030, and 2040. The short- and medium-term 2030 targets of Schneider Electric (net-zero emissions on scope 1 and 2, and -35% on scope 3) have been validated 1.5°C-aligned by the Science-Based Target initiative (SBTi) in 2019. In the long-term, Schneider Electric aims at becoming carbon neutral on its full end-to-end footprint by 2040 in all scopes, 10 years ahead of the 1.5°C trajectory.





URSA embarked on its ambitious ESG (Environmental, Social, Governance) journey in 2020 with ambitious goals until 2030 (and 2025). This initiative strives for the reduction of their carbon footprint, the increase in the use of recycled materials in the composition of our insulation products and the efforts to close the life cycle of our solutions via circular products. To meet the challenge of decarbonization and the fight against climate change, URSA has committed to reduce 30% of its global emission intensity by 2030. This target includes reducing so-called scope 1 & scope 2 emissions vs. 2019. In addition, also from 2030, all the mineral wool that the company manufactures will have at least 80% recycled material, a percentage that depending on the product and factory can rise to close to 100% in the case of extruded polystyrene (XPS).

VELUX®

By 2041 the VELUX Group will become Lifetime Carbon Neutral, taking responsibility for its past and future carbon emissions. It will do so by capturing its past CO₂ emissions right back to its founding in 1941, through forest conservation projects with WWF and by becoming a 100% carbon neutral company and halving its CO₂ emissions across its value chain in line with science by 2030. Several partnership agreements have already been put in place to cut scope 3 emissions and decarbonise energy supplies and products. VELUX has already made good progress on its carbon emissions to date. As of the end of 2020, the company achieved a 59% reduction in CO₂ emissions from production sites compared to a 2007 baseline. Furthermore, VELUX is constantly optimising its material efficiency and eliminating waste from production. Currently, 97% of its production waste is repurposed and the company is working towards zero plastics in its packaging by 2030.





Energy Efficient Buildings

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