



Saint-Gobain aims to reduce the CO₂ emissions of its operations by 20% by 2025, compared to 2010 at iso-production. In line with this objective, the Group displayed a reduction of its emissions of nearly 12% by end of 2018, which, in absolute terms and taking into account the evolution of the portfolio of Saint-Gobain since 2010, represents a reduction by more than one third. In September 2019, Saint-Gobain committed to reach net-zero carbon emissions by no later than 2050, signing the pledge of the Global Compact "Business ambition for 1.5°C".



URSA has shown its commitment to reducing the energy used in its production process. In 2012, it noted a 6% reduction in CO₂ emissions from all its factories. Besides, all of them have been awarded ISO 9000 certificates, which guarantees a high level of operational performance.



We have in 2018 achieved 43% CO₂ savings at our production sites compared to the 2007 baseline. The goal is 50% reduction by 2020 compared to 2007. We also want to optimise our material efficiency and eliminate waste from production. In VELUX factories 97% of waste materials are recycled or used for heat generation, reducing our impact on the environment.



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 more than 200,000 people at over 900 production facilities and office locations in the EU.

EuroACE

THE EUROPEAN ALLIANCE OF COMPANIES FOR ENERGY EFFICIENCY IN BUILDINGS

Contact:
Rond Point Schuman 6, 8th Floor
1040 Brussels, Belgium
Tel: +32 2 639 10 11
info@euroace.org

www.euroace.org

EuroACE
THE EUROPEAN ALLIANCE OF COMPANIES
FOR ENERGY EFFICIENCY IN BUILDINGS

WALK THE TALK

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

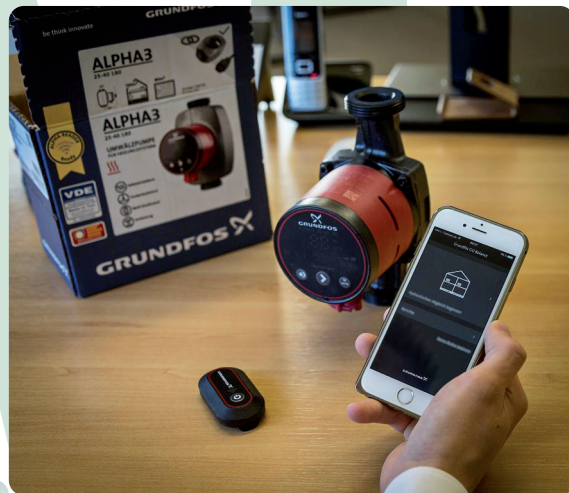
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Design @Tobenotobe - Benoit Toussaint

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By 2022, Armacell aims to reduce its total energy consumption by 15% and CO₂ emissions by 20%. The company focuses on quality and ultra-efficient production and has developed reliable systems to utilise production scraps and reduce the total waste generated. Besides, all of Armacell's European manufacturing facilities are certified in accordance with the international environmental standard ISO 14001 and the company's insulation materials command a proven track record as energy-efficient solutions. Our vision is to be the global leader in providing innovative, technical insulation solutions and components to conserve energy and make a difference around the world.



In Grundfos we have committed to never emit more CO₂ than we did in 2008 regardless of organisational growth. Our primary instrument for achieving this commitment is through energy optimisation across our sites, with a focus on using our own best-in-class pump and motor technology to become more energy efficient. From 2008 to 2018, we have increased our turnover by 41%, while simultaneously reducing our absolute energy consumption by 9% and our CO₂ emissions by 31%. By 2025, CO₂ emissions must drop further to only 50% of the 2008-level, and by 2030 we aspire to be climate-positive.



In 2019 Kingspan Group reached 90% towards its commitment to become a Net Zero energy company by 2020, increasing onsite generation more than fivefold and realising an 83% reduction in carbon intensity against turnover since 2011. Also in 2019, Kingspan Group launched Planet Passionate, a 10-year strategy with 12 ambitious targets designed to contribute to the world's renewable energy mix, reduce carbon emissions, divert waste from landfill, conserve water, provide upcycling solutions for plastic waste and help clean the world's oceans and protect biodiversity. Kingspan Group targets net zero carbon manufacturing by 2030 and has already set up ocean clean up partnerships and upcycled 256 million PET bottles back into its insulation.



At Signify we take seriously the global need to address the climate crisis. We're leading the transition from conventional to LED and connected LED light. LEDs are 40-60% more energy efficient than conventional light bulbs, and connected LEDs achieve an additional 20-30% energy efficiency. As a company we have committed ourselves to carbon neutrality and are on track to reach carbon neutral operations during 2020. All of our buildings are net zero carbon, our vehicle fleet will be entirely electric by 2030, and we source almost 100% of our electricity from renewables (currently at 92%). In 2019 we surpassed our target to sell 2 billion high-efficiency LED light bulbs as part of the industry-wide Global Lighting Challenge.



Daikin has formulated an Environmental Vision 2050, which aims to reduce CO₂ emissions to net zero by creating products and solutions that minimise CO₂ emissions, as well as by recovering and recycling refrigerants. Every five years, targets and measures are set related to both the use phase of the product as well as the production phase. In fiscal year 2018, 67 million tons CO₂ reduction was achieved compared to business as usual by using highly energy efficient inverter driven equipment and solutions using refrigerants with low global warming potential. Also in 2018, we achieved a 75% reduction in emissions from production activities compared to 2005 levels.



Johnson Controls has been included in more than 40 prestigious sustainability indexes in recent years. We achieved two significant sustainability milestones in 2019 by reducing our enterprise-wide greenhouse gas intensity by one-half while doubling the energy productivity of our operations since 2002 when we first started reporting. Our efforts align with the United Nations Sustainable Development Goals. In 2017 we adopted a new 2025 Sustainability Strategy, which drives sustainability across our entire value chain. As part of this new strategy, we are committing to new, ambitious 2025 goals related to greenhouse gas emissions, energy, water, waste, safety and diversity from a 2017 baseline. These goals include a 25% reduction for energy and greenhouse gas from 2017 baseline.



Part of the Knauf Group, Knauf Insulation is committed to helping its customers meet increasing demand for energy efficiency and sustainability in new and existing homes, non-residential buildings and industrial applications. In 2016 we achieved our goal of reducing energy use and CO₂ emissions by 20% by 2020 - four years ahead of schedule. In 2018 we improved energy efficiency by a further 0.9% and CO₂ reductions by 1.4% compared to 2017. Since 2010 we have reduced our energy use by 21.3% and related emissions by 21.9%. In 2018 all our plants were operating at maximum capacity - 24 hours a day, 7 days a week - and the company still enjoyed a record year in energy efficiency and sustainability.



The ROCKWOOL Group integrates sustainability into all it does and delivers, working hard to maximise the positive impact of its products while minimising the operational footprint from production. Since 2016 ROCKWOOL has used the UN Sustainable Development Goals as a strategic tool to guide development in its business. In 2016, the ROCKWOOL Group set six goals within CO₂/energy efficiency, circularity and safety. Five of these have a time horizon of 2030 and baseline 2015. These goals include reducing carbon and water intensity by 20%, improving energy efficiency in our offices by 75%, reducing waste to landfill by 85% and offering reclaimed waste schemes in 30 countries. We are continuously reviewing our ambition level within the areas we have set goals.



The Danfoss aim is to halve the energy intensity of our operations as well as to halve the CO₂ intensity of the energy actually used by 2030, measured against the base year 2007. We also want to increase energy productivity in buildings and processes by 100%, again against 2007 figures. The company is already making good progress: between 2007 and 2019 energy intensity dropped by 43%, energy productivity improved by 73%, and CO₂ reduction is at 25%. Danfoss is also running energy saving projects, using our own products to increase energy efficiency and productivity at our 21 largest factories. Optimising the systems that control ventilation, heating, and cooling will reduce energy consumption by 25-30%.