



Environmental report 2020

Daikin Europe N.V.





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Message from Daikin management

Cooling, heating and refrigeration products have contributed to higher quality lifestyles and economic growth and are a key part of today's society. However, the resulting growth of electricity consumption and refrigerant emissions causes concerns due to the environmental impact, such as climate change.

At Daikin, we believe that a company cannot grow its business unless it contributes to solving environmental problems. We therefore work on spreading the use of environmentally conscious products that use energy-efficient technology and refrigerants with lower global warming potential.

In the fiscal year 2019, Daikin's global efforts to lower greenhouse gas emissions from residential air conditioners resulted in a reduction of 68 million tonnes CO₂ equivalent compared to a business-as-usual scenario. This is thanks to the use of energy-efficient inverter technology and R-32, a refrigerant

with a lower global warming potential. In the spirit of the Paris Climate Agreement and the Sustainable Development Goals of the United Nations, Daikin has announced a long-term environmental vision for 2050, aiming to achieve net zero CO₂ emissions by 2050.

Our goals can only be achieved thanks to the contribution of each Daikin employee in every Daikin region. In this report you will find examples of what has been achieved in Europe, the Middle East and Africa by employees of Daikin Europe N.V. in the past years.

If you are interested in reading about the contributions made by the Global Daikin Group, we recommend you visit the Daikin CSR website at: www.daikin.com/csr/index.html

We would like to thank all our employees who contributed to these remarkable results.

**In all of us,
a green heart**



Sustainable Development Goals as a guideline towards value creation

Daikin is contributing to the Sustainable Development Goals by creating value for the comfort and health of people, the cities they live in and the environment they depend on.

The Sustainable Development Goals, or SDGs, defined by the United Nations in 2015, are a set of 17 global development goals that aim to contribute to global sustainable development and to tackle broad topics such as poverty, health, education, energy, global warming and gender equality.

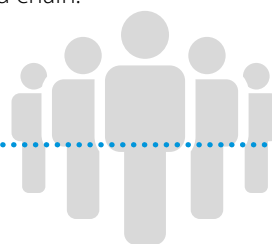
The target date set for the SDGs to be achieved is 2030. For more information on the Sustainable Development Goals, please visit: sdgs.un.org/goals

References to the SDGs can be found throughout this environmental report.

Value creation for people

Daikin aims to contribute to people's health and comfort by applying innovative technologies to provide cooling, heating, humidity control and overall better air quality.

In addition, by providing refrigeration solutions, Daikin also seeks to contribute to the reduction of global food loss by providing solutions for an optimal food cold chain.



Value creation for cities

Daikin aims to create value for cities by expanding our business focus from just equipment lifecycles to encompassing building and city lifecycles, and making buildings and entire cities more energy-efficient and sustainable.



Value creation for the Earth

Daikin aims to create value for the Earth by focusing on improving the efficiency of products, providing holistic solutions for achieving the optimal operation of systems in the building and by recovering and recycling refrigerant. This has resulted in the Daikin environmental vision 2050, which aims to achieve net zero CO₂ emissions caused by our business and our products and services.

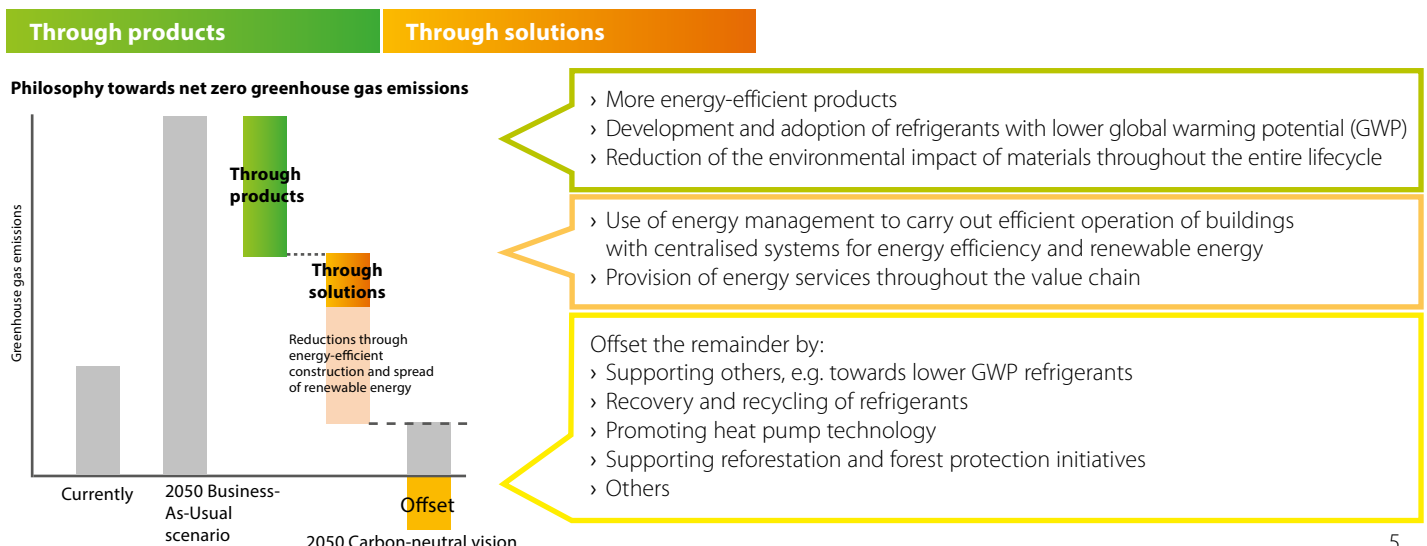
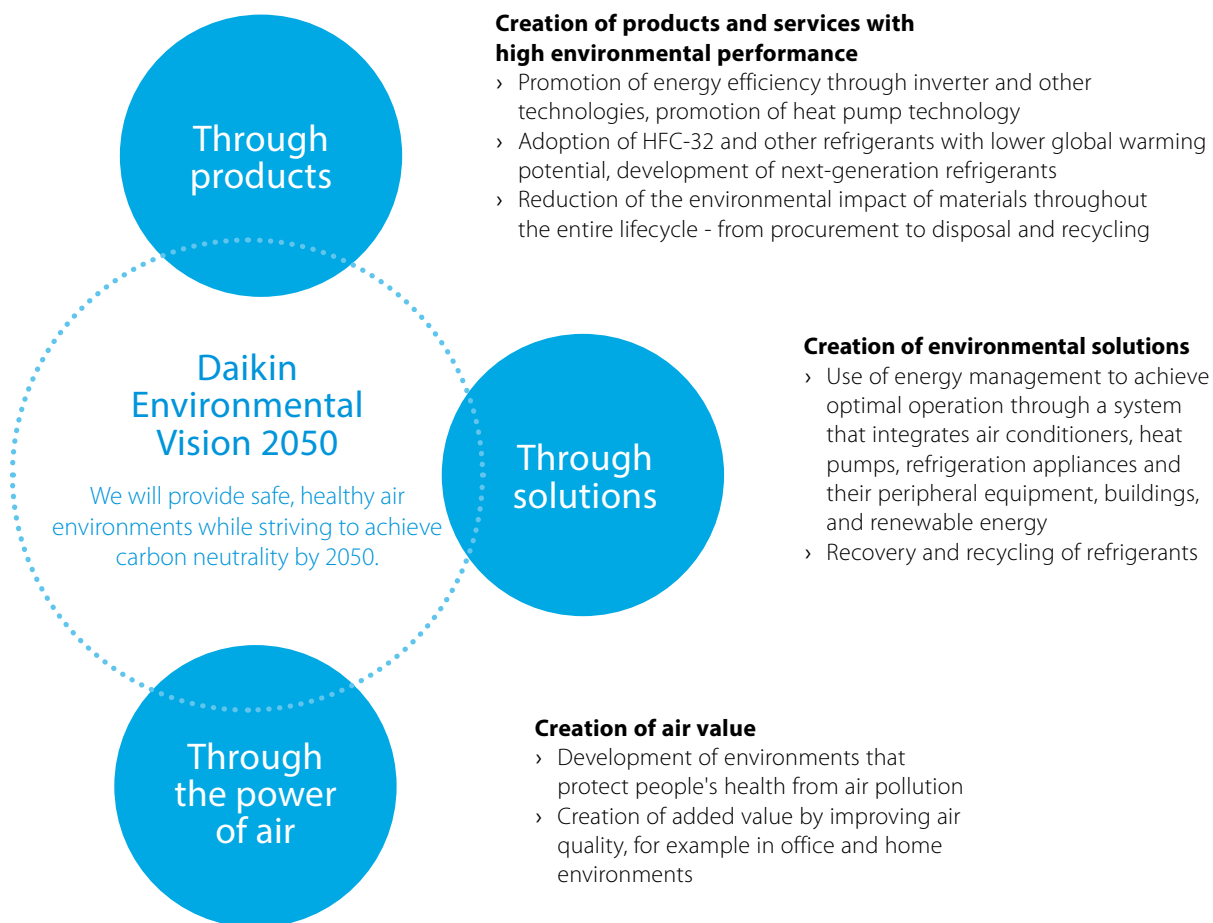


Daikin Environmental vision 2050

With the aim of becoming carbon neutral by 2050, we set targets and implement measures every 5 years under our Fusion strategic management plans. Using the Internet of Things (IoT), Artificial Intelligence (AI) and open

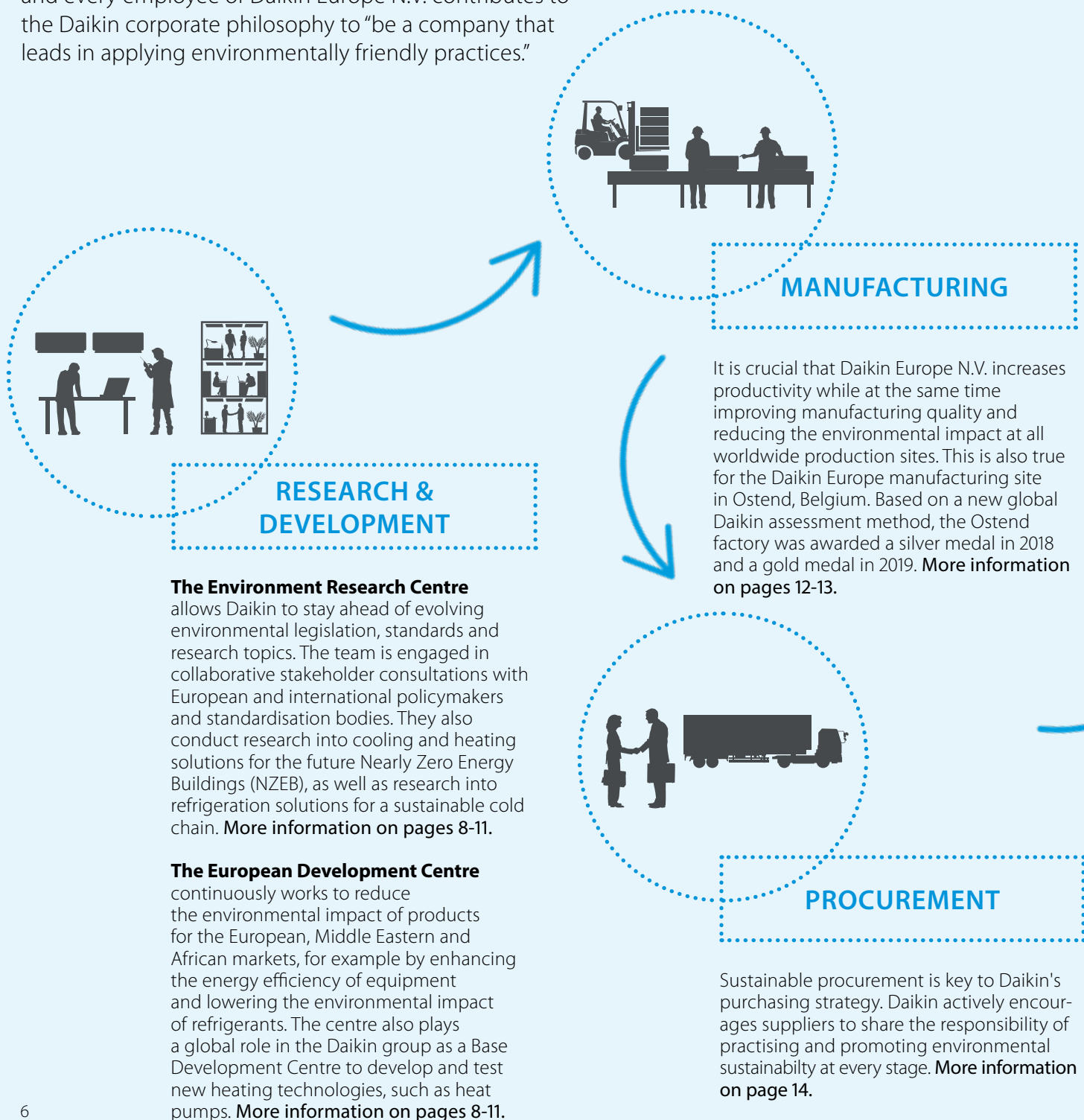
solutions, we will meet the world's needs for air solutions that provide safe and healthy environments, while at the same time contributing to solving global environmental problems.

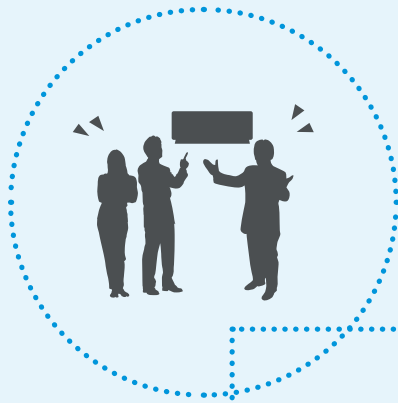
For more information on our environmental vision, please visit www.daikin.com/csr/company/vision.html



Assessing the impact of our business on society throughout the entire value chain

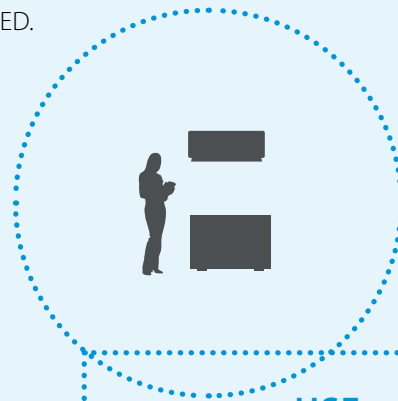
In all aspects of our business operations, we take initiatives to support our environmental policy and objectives. The following pages illustrate how each division and every employee of Daikin Europe N.V. contributes to the Daikin corporate philosophy to “be a company that leads in applying environmentally friendly practices.”





SALES

Daikin sales organisations contribute to the improvement of the environment by supporting customers to select sustainable cooling, heating or refrigeration solutions. An example is the support to consultants and architects for achieving sustainable building scores, such as BREEAM and LEED. In addition, sales organisations support various local projects with employees and customers. **More information on pages 16-19.**



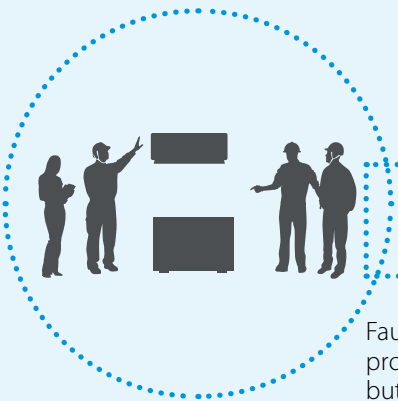
USE

The biggest impact of Daikin products in terms of CO₂ emissions takes place during the use phase, related to electricity consumption and refrigerant leakage. Daikin's vision is to achieve net zero CO₂ emissions by 2050. **More information on page 5.**



SUPPLY & LOGISTICS

Daikin is working hard to minimise environmental impact at the logistics stage. One of Daikin Europe N.V.'s main challenges is to reduce its transport-related CO₂ emissions. **More information on page 15.**



AFTER-SALES SERVICE, RECOVERY & REUSE

Faulty cooling, heating or refrigeration products not only cause quality problems but may also lead to environmental problems such as refrigerant leakage. After-sales service is essential for optimising the lifecycle performance of a product. Also, thorough recycling of equipment and refrigerants is crucial to reducing the environmental impact. **More information on pages 20-21.**



Research & development

The Environmental Vision 2050 aims to reduce CO₂ emissions to net zero by means of three focus fields: more efficient products; provision of solutions for efficient operation of buildings; and the recovery and recycling of refrigerants. On this page, you can find various examples of how the European Development Centre and the Environment Research Centre are contributing to these targets. For more information about Daikin's efforts regarding the recovery and recycling of refrigerants, please take a look at page 20 and 21.

Contribution to Environmental Vision 2050 through products

The European Development Centre

The European Development Centre develops cooling, heating and refrigeration products for Europe, the Middle East and Africa. During the development stage, a key consideration is reducing the environmental impact of products, both by enhancing the energy efficiency as well as by selecting refrigerants with a lower environmental impact. On this page are just a few examples.

More information about Daikin's refrigerant policy can be found on page 10.



- › Commercial air conditioner for cooling and heating
- › Sky Air Bluevolution range
- › Refrigerant: R-32
- › GWP: 675
- › Energy efficiency label scale: up to A++



- › Ground source heat pump
- › Daikin Altherma 3 GEO
- › Refrigerant: R-32
- › GWP: 675
- › Energy efficiency: A+++



- › Commercial refrigerator
- › Refrigerant: R-290 (Propane)
- › GWP: 3



- › Multi-scroll air-cooled chiller
- › Refrigerant: R-32
- › GWP: 675
- › Energy efficiency: A+++

Tewis



- › CO₂ refrigeration unit
- › Refrigerant: CO₂
- › GWP: 1

Contribution to Environmental Vision 2050 through solutions



'Natural HVACR 4 Life' project

The Environment Research Centre at Daikin Europe is involved in the EU's Life funding programme with the 'NATURAL HVACR 4 LIFE' project.

The project aims to demonstrate the viability of integrated refrigeration, heating and air conditioning systems for convenience stores, using CO₂ as a refrigerant. One prototype system was set up in a simulated shop environment at Daikin Europe's factory in Belgium and 20 more prototypes will be installed and monitored in supermarkets in Spain and Germany.

In addition, training courses for installers and customers will be organised and the experience gathered will be used to update safety standards and investigate the potential of an energy label for multifunctional products. Furthermore, a cassette-type indoor unit will be developed to show the potential of cold storage for improving the Total Environmental Warming impact (TEWI).

For more information, take a look at www.naturalhvacr4life.eu



Photo: First prototype installed in real-life settings at the Daikin Europe N.V. site

Daikin refrigerant policy

Daikin believes in diversity of refrigerant choice

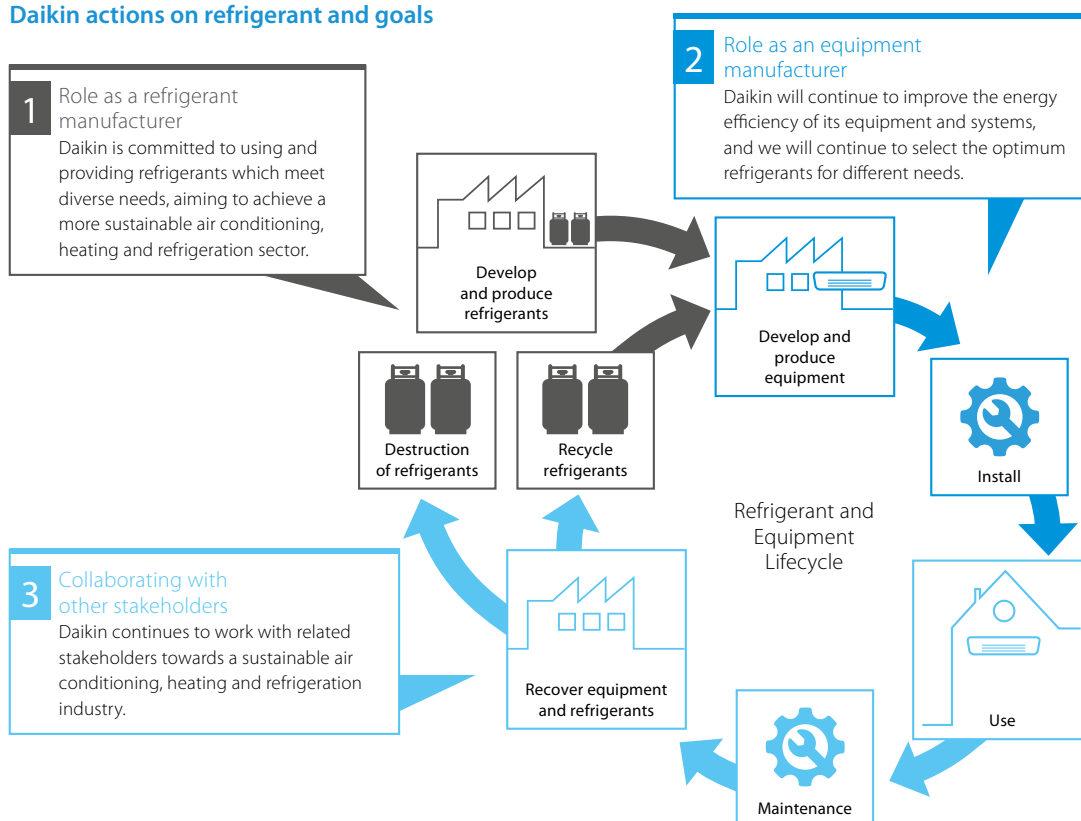
A refrigerant is a heat transfer medium used in air conditioning, heat pump and refrigeration equipment. Many criteria need to be assessed to select a suitable refrigerant, such as the GWP value, safety, energy efficiency, affordability,

resource efficiency, recoverability and recyclability. There is no single refrigerant capable of meeting the needs of every kind of application, which is why Daikin applies a wide diversity of refrigerant types.

What is GWP? Global Warming Potential (GWP) is a number which expresses the potential impact that a particular refrigerant would have on global warming if it were released into the atmosphere. It is a relative value which compares the impact of 1kg of refrigerant to 1kg of CO₂ over a period of 100 years. Although this impact can be avoided by preventing leaks and ensuring proper end-of-life recovery, choosing a refrigerant with a lower GWP value and minimising the amount of refrigerant will reduce the risk to the environment if a leak were to occur accidentally. The amount of refrigerant used, multiplied by the GWP value is expressed as **"CO₂ equivalent consumption"**.

However, GWP is not the only parameter used to assess the potential global warming impact of equipment. For example, selecting a refrigerant with a lower GWP, but which uses more energy, would not be a good choice, as it would be counterproductive for the total product's global warming impact. This is why Daikin applies a comprehensive approach to achieving a sustainable refrigerant and equipment lifecycle.

Daikin actions on refrigerant and goals

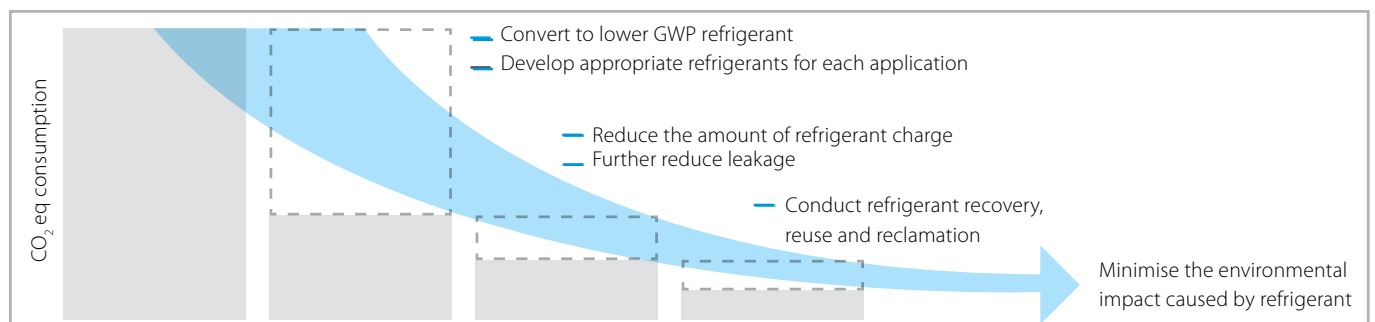


Daikin's comprehensive approach to reducing the consumption of HFC refrigerants

Daikin uses a wide diversity of refrigerants, which includes HFCs, as well as non-HFC type refrigerants. Daikin welcomes both the European F-gas regulation and the global Montreal Protocol–Kigali amendment, which aim to reduce the CO₂

equivalent consumption of HFC refrigerants. Daikin has already launched many products which support the reduction of HFC consumption and will continue to conduct further research and take action to achieve the HFC reduction targets.

Comprehensive approaches towards CO₂ equivalent consumption phase-down



Daikin's Refrigerant Direction

RESIDENTIAL



R-32



R-32, CO₂

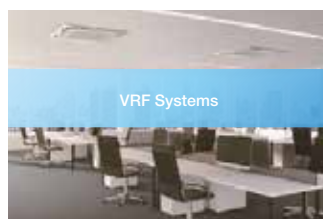
COMMERCIAL & INDUSTRIAL



R-32



R-32, R-1234ze(E), R-1233zd(E),
Other HFOs, HFO blends



R-32



R-32, R-407H, HFOs, HFO blends, CO₂,
Hydrocarbon, etc.

Did you know that Daikin was the first company worldwide to introduce air conditioners, heat pumps and scroll chillers using R-32 refrigerant instead of R-410A? The GWP value of R-32 is only one third of the GWP of R-410A. In 2019, in line with Daikin's environmental vision 2050, Daikin Industries granted free access to a list of pledged patents in relation to HVAC-R equipment using R-32. This allows other manufacturers to reduce the environmental impact of refrigerants. More information on www.daikin.com/press/2019/190701/index.html



Interested in reading more about our refrigerant policy?

www.daikin.com/csr/information/influence/daikin_policy-en.pdf



Manufacturing

The graphs below show the targets and results of the Daikin Europe factory in Belgium

The performance of Daikin factories is assessed based on an in-house standard, the Green Heart Factory standard. This method helps us to evaluate both social contributions and environmental efforts, such as the reduction of water use, energy, fluorocarbons, waste and VOC emissions. Factories that score well, one of which is the Daikin Europe N.V. factory in Ostend, are certified as Green Heart Factories.

In 2017, the Green Heart Factory standard was revised to raise the quality of environmental activities and four certification ranks were established. For Daikin Europe N.V. Ostend factory, this resulted in a silver medal in 2018 and a gold medal in 2019. The targets for the period 2016-2020 are based on the average result of 2013-2015 and aim to improve by 1% each year. For HFC emissions, the aim is to remain below 0.2%.

In all of us,
a green heart



Energy use

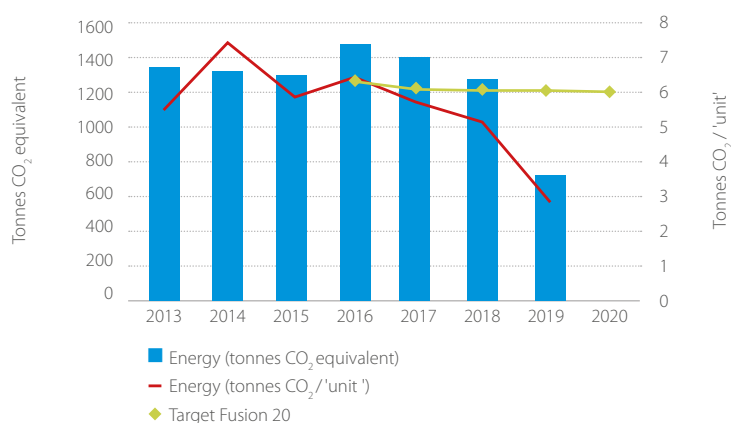
The CO₂ emissions are caused by the use of natural gas for process heating, the heating of test rooms, factory buildings, ovens and other equipment. Electricity is not included in the graph as Daikin Europe N.V. Ostend factory purchases green electricity produced in Belgium.

The emissions in 2019 show a drastic reduction due to the connection to the district heating grid which supplies sustainable heat. Furthermore, continuous efforts are made to optimise heating operation of the factory, use of smart control and new technologies in the test rooms.

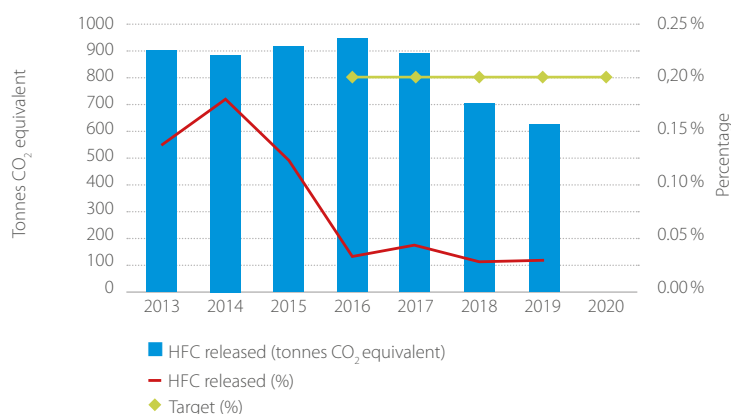
In addition, Daikin Europe N.V. has participated in the Flemish Energy Policy Agreement since 2015. This is a voluntary agreement which ensures that Flemish energy-intensive companies remain or become leading companies in energy efficiency. Daikin Europe N.V. has decided to extend its commitment from 2020 to 2022.

Footnote: result based on the following sub-KPIs: process heat, heating factory buildings, test rooms, ovens, others.

Energy-related CO₂ emissions



Hydrofluorocarbon emissions



HFC emissions

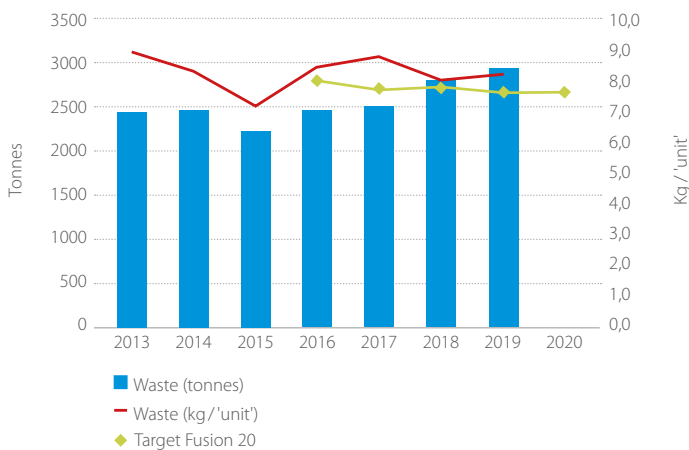
Shown on the graph are the emissions of HFC refrigerants caused during refrigerant unloading and charging of air conditioning and heat pump equipment.

Thanks to a gradual production shift towards R-32, with its lower global warming potential, these emissions remain well below the target of 0.2%.

Did you know that between 2005 and 2018 Daikin global net sales more than tripled, while the greenhouse gas emissions from Daikin factories worldwide were reduced by 75%? Interested to know more about the results of our other factories? Take a look at our global sustainability www.daikin.com/csr/report



Waste discharge



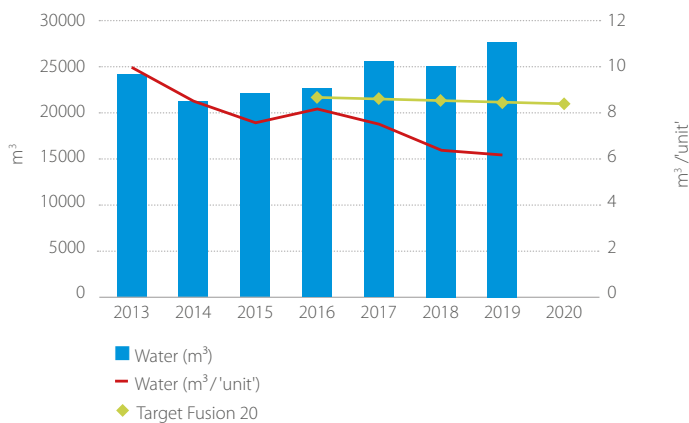
Waste discharge

Even though continuous efforts are made by Daikin Europe N.V. to reduce waste, the waste reduction target was not achieved in 2019. This is mainly due to the insourcing of assembly activities that were previously carried out elsewhere.

One of the recent actions taken to reduce waste is to ensure that used pallets from the factory are sold to a local trader whom gives these pallets a second life.

Footnote: result based on the following sub-KPIs: metals, wood, others.

Water consumption



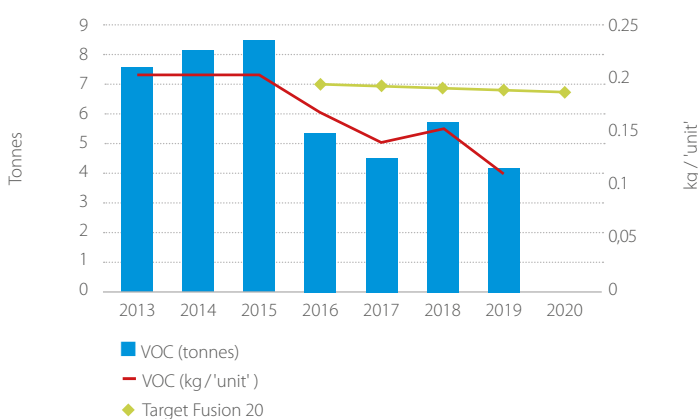
Water consumption

Water consumption, mainly resulting from the sanitary facilities, test rooms and production shows a continuous decrease in relative numbers.

This is due to the extended use of rainwater, the gradual upgrading of our sanitary facilities, continuous improvement actions to reduce water consumption and new technologies in our test facilities, which do not require water consumption any longer.

Footnote: Result based on the following sub-KPIs: sanitary facilities, test rooms, production.

VOC emissions - Production



Volatile organic compounds (VOC) emissions

VOC emissions until 2015 were mainly linked to the use of evaporating oil in the production process of indoor heat exchangers. Since 2016, these heat exchangers are no longer produced at the Daikin Ostend factory, which explains the drop in VOC emissions.

In the coming years, small improvements will further decrease emissions.



Procurement

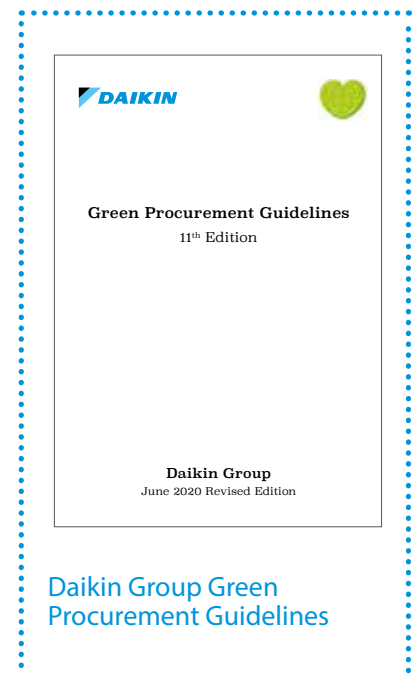
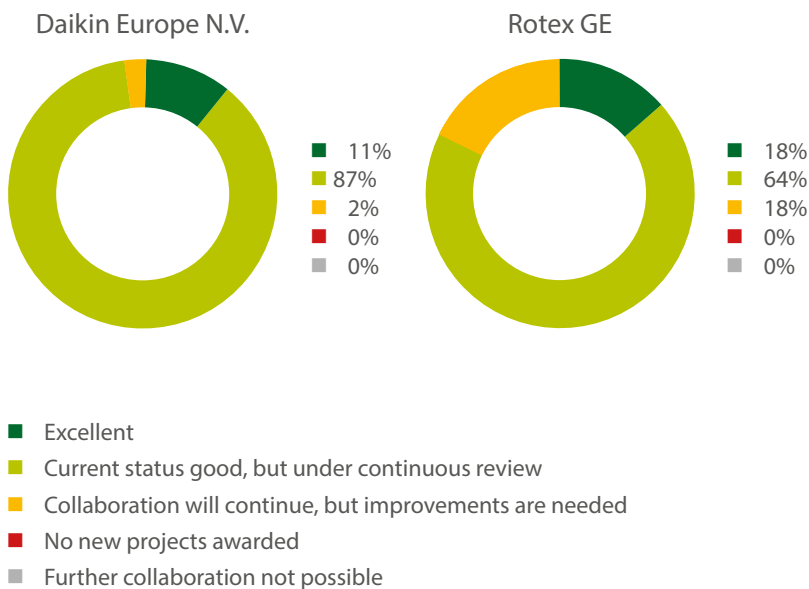
Sustainable procurement is key to Daikin's purchasing strategy.

Daikin actively encourages suppliers to share the responsibility of practising and promoting environmental sustainability at every stage.

Green procurement guidelines require suppliers to:

- › Actively work towards achieving ISO14001 certification
- › Comply with all current EU environmental legislation and regulations
- › Have no record of violations of environmental law within the past two years
- › Practise environmentally sound chemical substance management
- › Avoid using certain chemical substances (including cadmium, lead, asbestos, etc.)
- › Follow ecological packaging and design guidelines

Annual assessment of green procurement at Daikin Europe N.V. shows that 98% of core suppliers to Daikin Europe N.V. factory and 82% of core suppliers to Rotex were awarded good/excellent status.

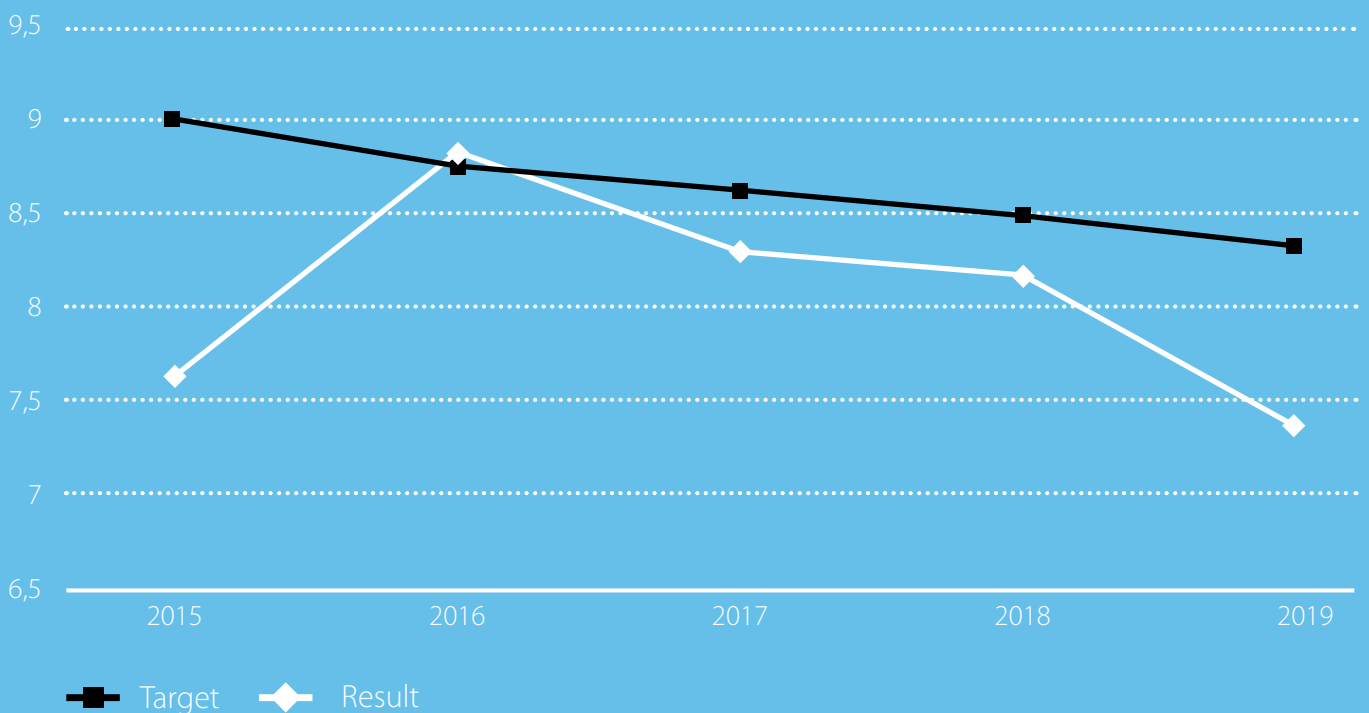




Supply & Logistics

Daikin works hard to minimise environmental impact at the logistics stage. One of Daikin Europe N.V.'s main challenges is to reduce its transport-related CO₂ emissions, and in doing so achieve considerable CO₂ savings.

CO₂ emissions (kg) per sales volume (m³)



In 2019, a significant decrease in transport-related CO₂ emissions was recorded.

This is due to following actions taken:

1. Higher efficiency of truck loading: various projects in different locations were initiated to increase the loading efficiency of our trucks.
2. More transport by sea: In 2019, a higher volume of goods was shipped by sea instead of by road.
3. Reduction in double-transfers: Daikin Europe N.V. aims to have only one warehouse between the factory and the customer. Any departures from this principle are measured by the double-transfer KPI (error ratio, showing the extra transfers between warehouses). In 2019, Daikin Europe N.V. achieved this KPI with a ratio of 6.6% (5.8% below target).



Daikin's contribution to sustainable cities

Daikin aims to create value for cities by expanding our business focus from just equipment lifecycles to encompassing building and city lifecycles and making buildings more energy-efficient and sustainable. These are a few examples of projects in Europe where Daikin cooling, heating and refrigeration solutions contribute to sustainable buildings and cities.



Did you know that there are international sustainability assessment methods for buildings called BREEAM and LEED? These provide sustainability scores based on a number of different criteria. In addition, various national building certification programmes also exist, such as DGNB in Germany and CasaClima in Italy. You will find several examples of certified building projects on the next pages.

Daikin Netherlands partners with Brontechnologie to support the uptake of ATEs systems in the market

ATES refers to Aquifer Thermal Energy Storage. In summer, cold groundwater cools a building and heat extracted from the building is stored in the ground. In winter, warm groundwater is offered to a heat pump to heat up the building. This system ensures very high seasonal efficiency ratios. It also has a short payback time and low noise or visual impact.

Daikin Netherlands has partnered with Brontechnologie, forming the EnergyHUB to transform from simply a heat pump supplier to a total solutions provider.

Daikin Belgium provides supermarket with one-BOX solution for their shop

A supermarket in Belgium was looking for an environment-friendly, all-inclusive solution for its heating and cooling requirements. The enquiry also specified no use of HFCs, as well as the possibility of heat recovery and a silent solution for city centres.

Daikin Belgium developed a proposal where they provided the total cooling, heating and recovery system in one BOX (container). This BOX contains a water-to-water heat pump (R1234ZE), a buffer tank, a dry cooler, expansion vessels and insulation. Due to the box design, the sound levels on site were almost 9 dBA lower than a conventional solution.



Daikin Middle East & Daikin Romania work with universities during Solar Decathlon in Dubai

The Solar Decathlon is an international competition in which universities from all around the world meet up to design and build a grid-connected, solar-powered house. In the final phase of the competition, teams assemble their houses in an expo area, open to the general public, while taking part in various contests. In 2018, the Solar Decathlon was held in Dubai. Daikin Middle East and Daikin Romania worked with different universities to help them with the selection of the most efficient systems for cooling, comfort and low energy consumption, such as the Daikin High Ambient inverter R-32 wall split.

7 of the 15 teams participating made use of Daikin solutions. Team EFdeN, the Romanian team that developed the house shown in the picture, came 4th in the competition.

Building certification in Daikin Germany

Awareness of sustainable building certification is becoming greater all the time.

The market leader in Germany is the certification programme of the German Sustainable Building Council (DGNB System - DGNB = Deutsche Gesellschaft für nachhaltiges Bauen). The DGNB System represents more than 80% of the certifications in the new-build sector and over 64% in the renovation sector.

As the best way to support a customer's needs is by supporting and guiding them throughout the certification process, Daikin Germany became member of DGNB in 2015 and has had an in-house certified DGNB auditor since 2019, supporting customers on how Daikin equipment can be integrated in sustainable buildings.

One example of a certified DGNB building is the SEGRO Logistics Park in Bischofsheim, which was built in accordance with the German Energy Saving Regulations and is DGNB Gold-certified. 32 split air conditioning units from Daikin are used for the air conditioning of the approximately 20,000 m² warehouse, which is used for the storage of confectionery. The finished building is characterised in particular by alternative materials and a clean energy balance.



Daikin Greece participates in LEED Platinum project in Athens, Greece

At the outset, the expectations for the new MYTILINAIOS headquarters in Athens were high. This suburban building was to be a model of ambitious operational and aesthetic vision. The 8,000-sqm space was certified as LEED Platinum in March 2019, tying for the highest LEED score in the country for a New Construction project. To reach this level, the team (Daikin Greece engineers, consultant and the owner) employed a host of strategies, creating energy/water efficiencies and a healthy work environment, while reducing the environmental impact and operating costs: a passive design with thermal glazing, an upgraded HVAC system (Daikin Water Cooled Heat pumps and high efficiency Air Handling Units) and a strict focus on sustainable materials were all key factors. By scoring 82 on the LEED scorecard, "Artemidos 8 Building" helps set a high bar for the rapidly growing sustainable building market.



Daikin contribution to sustainable cities

Daikin UK supports hybrid system project in South Wales

The Freedom Project is an initiative in South Wales, UK, where 75 air source heat pump and high-efficiency gas boiler hybrid systems have been installed in residential properties. The project has demonstrated the significant potential of a hybrid heating system to deliver savings in the electricity system, by reducing the need to invest in costly generation and network infrastructure to meet high but infrequent peaks in demand.

Daikin was one of the heat pump manufacturers participating in the project, with a unique integrated hybrid heat pump solution.

First UK application of chillers with Daikin Bluevolution technology, based on R-32 refrigerant

Astor House, an office building in Newbury, UK, became the first UK application of chillers with R-32, part of Daikin's Bluevolution technology. These EWAT-B units improve seasonal energy efficiency by 10% in comparison with the previous R-410A range. They are available for cooling only and heat recovery applications from 80kW up to 700kW cooling capacity at nominal conditions.



First Daikin CO₂ refrigeration system installed in France

Biocoop, a leader in organic food distribution, decided to open a new butchery and prepared meats processing laboratory in the southwest of France and were looking for a cooling and refrigeration solution.

Wishing to follow the Biocoop philosophy on sustainable development, Biocoop decided they wanted to use CO₂ which as a natural refrigerant has a low environmental impact, despite the additional cost of equipment and its installation compared to a traditional system. Daikin provided Biocoop with a Tewis/Daikin cooling and refrigeration solution that met the needs of the newly established laboratory and ensured its safety by adding CO₂ leak detectors.

"We are very proud to be able to support Daikin with this first installation of a transcritical CO₂ refrigeration system. We have always had great confidence in their technologies. Their engineers are always able to find technological solutions capable of accommodating any environment," says Bioscoop.



ACTION partners with Daikin to recycle and reuse refrigerants

Headquartered in the Netherlands, Action is a fast-growing non-food retail discounter. The company is dedicated to keeping its impact on the environment as low as possible. As an example of this goal, they decided to set up a project with Daikin to recycle and reuse refrigerants from shops that have been renovated.

In the first half of 2019, Action and Daikin collected R-410A from old installations in 12 shops under renovation. The equivalent volume of refrigerant collected was then reused in ten new Action shops, spread around Europe. Action was assured of both the quality and quantity of the reclaimed refrigerant. It meets the same quality as virgin refrigerant and meets AHRI700 standards.



Daikin Italy takes part in first 'Gold' CasaClima certification in Italy for nearly zero emissions shop in Genoa

The NaturaSi shop in Genoa, opened in March 2019, has achieved the Gold class in the CasaClima certification programme. The shop was designed focusing on total thermal insulation, as well as maximising the energy efficiency of the systems and using renewable energy. While the average energy consumption for houses and shops in Italy is 180 kWh per sq.m. per year, the energy consumption for the NaturaSi shop fell dramatically, to 5 kWh per sq.m. per year.

A Daikin Conveni pack with R-410A refrigerant was installed on-site to ensure comfort all year round by providing low-noise, integrated high and low temperature refrigeration and air conditioning and heat recovery. The latter allows for significant savings as the heat dispersed by the refrigeration system is sent to the indoor A/C units, ensuring greater comfort in the shop at no cost.



Daikin Turkey contributes to 'Gold' LEED project in Istanbul

The Selenium Retro project in Istanbul, developed by Aşçıoğlu Construction, consists of two 18-storey blocks, housing and office buildings. The project has been awarded a Gold certificate under the LEED assessment method. Daikin Turkey was chosen as the solutions partner for the project and provided consultancy on equipment selection and placement during the project planning process.

Meeting the energy criteria of LEED was achieved by applying Daikin's VRV technology, providing high energy efficiency, low sound, low energy consumption and thermal comfort, as well as monitoring possibilities by the use of the iTouch Manager.



After-sales service, recovery & reuse

Closing the loop

Daikin is committed to taking action towards a more sustainable air conditioning, heating and refrigeration industry by investing in the recovery and reuse of refrigerants. This will support the long-term availability of HFCs for the installation and maintenance of HVACR systems.

In spring 2019, Daikin launched a new initiative introducing Certified Reclaimed Refrigerant Allocation, which offers another way for customers to further reduce the environmental impact of air conditioning systems.

External Certified Quality

Reclaimed refrigerant meets AHRI700-certified standards, assessed by an independent laboratory, and hence is the **same quality as virgin refrigerant**.

Reclaimed and reused within Europe

Reclaimed means the refrigerant is regenerated in a high-quality way, in line with the F-gas regulation definition. This means that units with reclaimed refrigerant **support the F-gas regulation** by recovering and reclaiming refrigerant within the European Union.



Certified Allocated Quantity

Virgin and reclaimed refrigerant are used in the Daikin Europe factory. Through an audit process we ensure the reclaimed refrigerant is administratively **allocated to the VRV IV+ and Mini VRV** factory charge.

Reclaiming R-410A is just the start

With a huge potential of R-410A available in existing installations, we invite you to join our goal in creating this circular economy. Today for R-410A and for other refrigerants in the future.

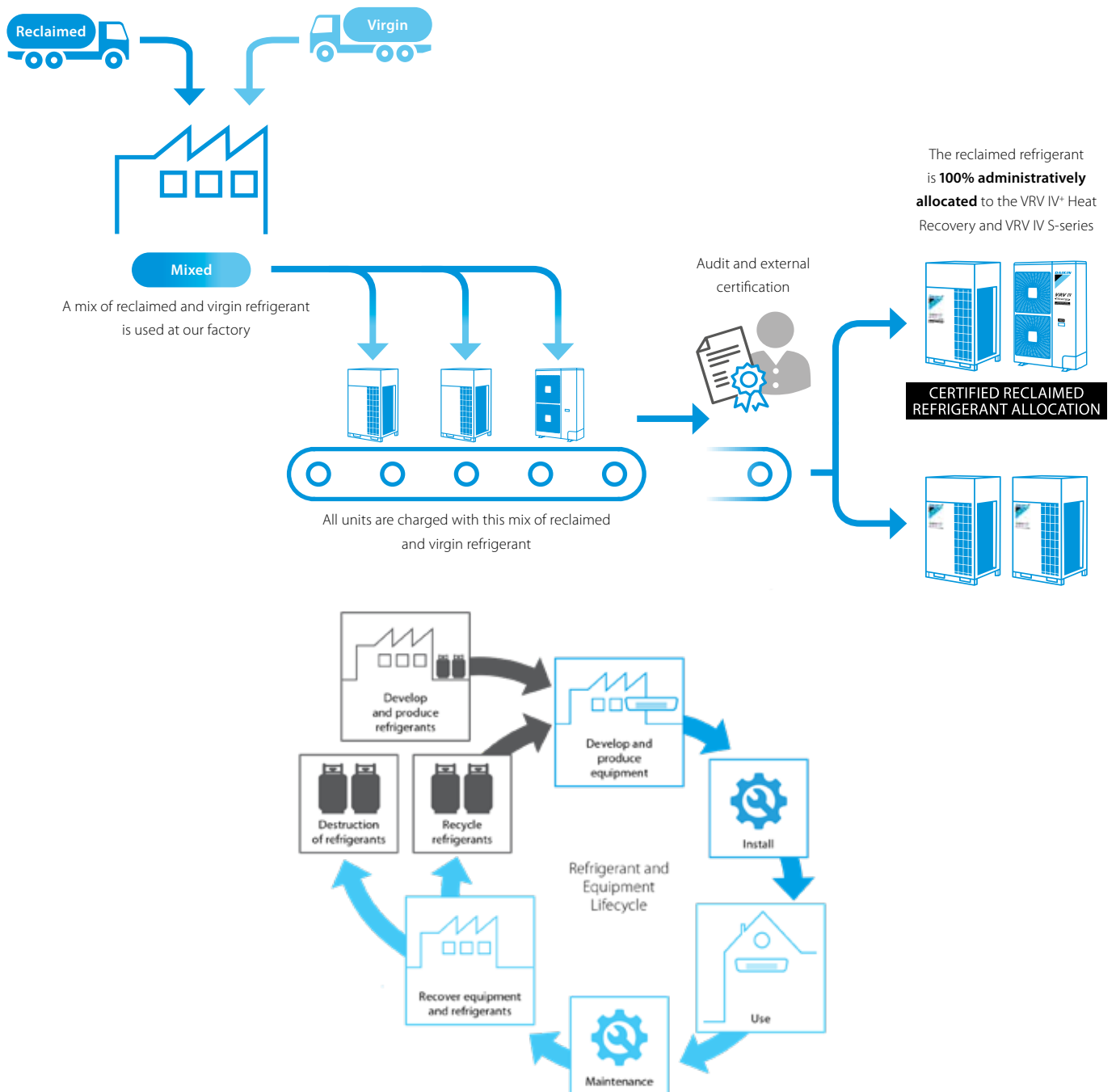


Did you know that by choosing a product with Reclaimed Refrigerant Allocation you are supporting the reuse of refrigerant and helping to avoid more than 150,000 kg of virgin gas being produced each year?

How does it work?

The allocation of reclaimed refrigerant is currently applied to Daikin's Mini-VRV and VRV IV+ heat recovery range with R-410A, as well as to Daikin chillers with R134a. This unique Daikin initiative assures customers of both the quality and quantity of the reclaimed refrigerant.

- › A mix of reclaimed and virgin refrigerant is used at our factory.
- › All units are charged with this mix of reclaimed and virgin refrigerant.
- › An independent audit process ensures that the reclaimed gas is allocated administratively to 100% of the factory charge of the VRV IV+ heat recovery and VRV IV S-series units, produced in our Ostend factory.



Find out about Daikin's initiatives to help build a circular economy at
www.daikin.eu/building-a-circular-economy

Daikin's other programmes and achievements

Daikin Europe increases biodiversity on- and off-site

Daikin Europe wants to contribute to both off- and on-site biodiversity. In previous years, Daikin has invested in attracting kestrels by installing nest boxes. This year, two new projects were added by creating an eco-friendly roadside and adding an insect hotel at the entrance gate to the company.

The road side consists of indigenous tree and shrub species, such as eared willow and common hawthorn. It supports and creates biodiversity and attracts a variety of different birds and insect species. The insect hotel aims to achieve the same and mainly attracts solitary bees.

In addition, in March 2019, Daikin Europe organised another tree planting event. Employees and their families were invited to join in and help to create more greenery in Ostend.



Daikin Turkey receives award for contribution to end-user training

Each year, the Turkish Ministry of Environment & Urbanisation organises an event called 'the Ozone Panel'. This year, it took place in Istanbul, with the theme of 'Energy Efficiency'. Daikin Turkey was present and received an award for its many contributions to end-user training courses.



First award for VRV IV+ with Certified Reclaimed Refrigerant Allocation at the HVR Awards

In autumn 2019, Daikin's VRV IV+ with Certified Reclaimed Refrigerant Allocation won its first prize at the HVR Awards in the United Kingdom. The system won in the category of Commercial Industrial Product of the Year.



Certificates

Daikin Europe N.V. is acknowledged as a well-managed business that is committed to protecting the environment.

ISO Standards and the Sustainability Charter are evidence of this ongoing commitment.



ISO14001: 2015 Environmental Management

ISO14001 is the most widely recognised environmental management system standard in the world. It demonstrates commitment to controlling the impact of business activities on the environment. Daikin Industries Ltd. first achieved ISO14001 certification in 1996, followed by Daikin Europe N.V. in 1998. In past years, several affiliates and production facilities have followed suit. Daikin Europe N.V.'s current certification is valid until March 2022.

For more information on Daikin Europe's environmental policy and objectives, please visit www.daikin.eu/en_us/about/environmental-responsibility.html



ISO50001: 2011 Energy Management

ISO50001 is the international standard designed to help organisations establish the systems and processes necessary to manage energy efficiency, use and consumption. The overall objective of the standard is to reduce workplace environmental impact, reduce greenhouse gas emissions and energy costs.

At the heart of ISO 50001 is the creation and operation of an Energy Management System (EnMS) that defines energy management and use-reduction objectives and puts in place systems and processes to ensure these are achieved. Daikin Europe N.V.'s current certification is valid until March 2022.

For more information on Daikin Europe's environmental policy and objectives, please visit www.daikin.eu/en_us/about/environmental-responsibility.html



Sustainability Charter

Assessed annually, the 'West Flanders Sustainability Charter' aims to help companies with premises in Belgium to continuously improve their environmental, social and economic performance. By signing the charter, organisations commit to working proactively towards defined annual goals and actions grouped into ten themes. These include: the sensible use of energy, operating in a people-friendly way, communication and dialogue, and sustainable procurement. Participation is voluntary. After 16 successive years of participation, Daikin Europe N.V. remains committed to the Charter.



Sustainability Report

2020

Fiscal Year Ended March 31, 2020

For the Air We Live in



Interested to know more about Daikin's global sustainability initiatives? Please visit our website:
www.daikin.com/csr/report



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