

B/S/H/

# Together for tomorrow

## SUSTAINABILITY AT BSH

Home appliances and services that make everyday life easier and focus on people and the environment





# Dear readers,

Climate change and the protection of natural resources are among the key challenges of our time. In this respect, companies have a particular responsibility, as their products and services can accelerate the transition to a more sustainable society.

As Europe's leading home appliance manufacturer, BSH focuses on innovations that improve people's quality of life, while simultaneously reducing the impact on the environment and climate. Refrigerators, washing machines, dishwashers and dryers enrich everyday life and can help save resources at the same time.

However, our commitment goes beyond our products. Since 2020, BSH has operated its sites worldwide in a CO<sub>2</sub>-neutral manner. And we work year after year to improve our footprint by saving more energy with innovative solutions while at the same time driving forward the expansion of renewable energies.

As a globally active company, we are also aware of our corporate responsibility with regard to human rights. We are committed to respecting human rights in our own business activities, to demanding the same in our global supply chains, and to providing access to remedies for those affected by human rights violations.

On the following pages, we would like to show how we bring the topic of sustainability to life at BSH.

Cordially,



**Christine Betz**

Chief Sustainability Officer  
BSH Home Appliances Group





# Step by step into a sustainable future

BSH has a long tradition of commitment to sustainability. We have always worked to continuously improve the footprint of our production and our products. Let's take a look at a selection of milestones from the last 20 years.

## 1993

PIONEERING WORK FOR  
CLIMATE-FRIENDLY COOLING TECHNOLOGY

By switching to more climate-friendly refrigerants for cooling appliances, we were one of the first manufacturers to launch appliances on the market without CFC greenhouse gases.

## 2004

COMMITMENT TO  
GLOBAL RESPONSIBILITY

By joining the UN Global Compact, we have committed ourselves to actively supporting its ten principles in the areas of environmental protection, occupational health and safety, human rights and anti-corruption, both within BSH and at our business partners.

## 2008

INNOVATION MADE  
IN GERMANY

By using the energy-saving zeolite technology, our team in Dillingen developed the most energy-efficient dishwasher in the world at that time.

## 2008

HONORED BY THE AWARD OF  
THE GERMAN SUSTAINABILITY PRIZE

We were awarded the first ever German Sustainability Prize in the category "Germany's most sustainable companies" for our sustainability performances along the entire value chain.



## 2009-2013

BENCHMARKS FOR  
MAXIMUM ENERGY EFFICIENCY

In the years 2009-2013, BSH bundled the most energy-efficient appliances in their class into a super-efficiency portfolio. The annual increases in efficiency were confirmed by an auditing company.

## 2020

CO<sub>2</sub>-NEUTRAL OPERATIONS

Our development and production at BSH sites worldwide have been CO<sub>2</sub>-neutral since 2020. At the same time, we work consistently towards improving our footprint through further energy savings and the expansion of renewable energies.

## 2023

FRIDGE-FREEZER COMBINATION  
WITH A REDUCED CO<sub>2</sub> FOOTPRINT

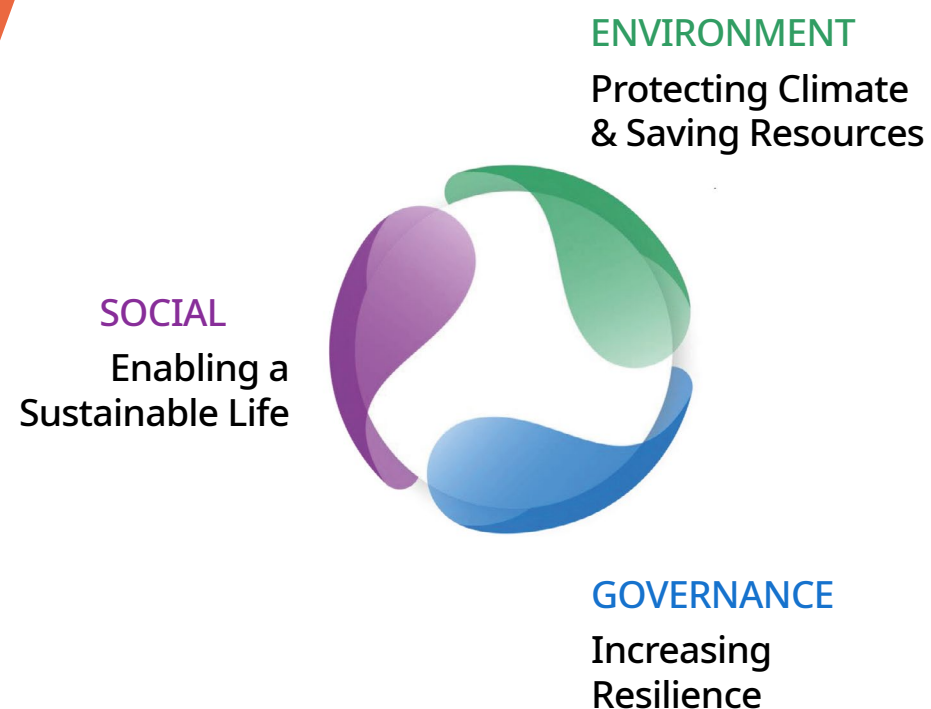
With the Bosch Green Collection fridge-freezer, we launched an appliance with a 33 percent reduced material carbon footprint thanks to the use of CO<sub>2</sub>-reduced steel and bio-based plastics. In 2024, the Bosch Green Collection was expanded to include a dishwasher with the best energy efficiency class A, which is made partly from CO<sub>2</sub>-reduced stainless steel.



# A holistic approach for real change

At BSH, we have made it our mission to improve everyday life through sustainable solutions that fit seamlessly into household routines. In doing so, we pursue a holistic approach to sustainability which takes three central aspects into account: Environmental, Social and Governance. This holistic approach forms the foundation of our successful business.

WE CONSOLIDATE OUR APPROACH BY EVALUATING AND BALANCING THE FOLLOWING ASPECTS:



## ENVIRONMENT

We support climate protection, conserve valuable resources and offer consumers sustainable solutions.

## SOCIAL

We strive for a socially sustainable future that is characterized by justice, equal rights and inclusion, and which offers a high quality of life at home.

## GOVERNANCE

Together with our partners, we strengthen ethical business conduct along the value chain.





# For a more sustainable home

## RESPONSIBILITY FROM START TO FINISH

We have set ourselves ambitious sustainability targets and are working consistently to achieve significant progress in all three areas by 2030.

### ENVIRONMENT

#### Climate protection (Scopes 1, 2, 3)

We have operated CO<sub>2</sub>-neutral at our BSH sites worldwide since 2020. By 2030, we want to use 100 percent green electricity at every site.

We aim to reduce our indirect Scope 3 emissions by 20 percent by 2030 compared to 2018 – focusing at the same time on the materials procurement, logistics and the energy consumption of our products.

#### Sustainable consumption

Through the use of our high-quality, energy- and water-saving home appliances and services, we contribute to sustainable consumption, the avoidance of food waste and the conservation of resources.

### SOCIAL

#### Diversity and equality of opportunity

We aim to achieve a 30 percent proportion of women in management positions. We want to be the employer of choice for outstandingly talented staff.

#### Health and safety

By applying our preventive health management, we aim to avoid accidents completely.

#### Contribution to society

We use our knowledge and resources in a targeted manner, in particular to support local initiatives and activities at our sites.

### GOVERNANCE

#### Strengthening resilience

Respect for human rights along the entire value chain is an indispensable part of our responsible corporate governance.

We aim to achieve long-term profitability and resilience through sustainable business practices.

Since 2004, we have been committed to the UN Global Compact, whose ten principles play a central role for us.

We rely on strong cooperation and expect our partners to comply with clear standards, such as our purchasing conditions, quality agreements and the BSH Code of Conduct for Suppliers.



## COMMITTED TO RESPONSIBILITY – AN OVERVIEW OF INITIATIVES AND PROJECTS

**UN Global Compact** – The UN Global Compact, the world's largest corporate sustainability initiative, promotes responsible business practices. Since 2004, BSH has committed itself to aligning its activities in accordance with the ten principles of the UN Global Compact.

**CDP** – The Carbon Disclosure Project (CDP) measures companies' environmental impact. More than 23,000 companies, including our parent company Robert Bosch, report on this – Bosch received an "A-" rating for climate and water protection in 2023.

**SBTi** – The Science Based Targets Initiative (SBTi) supports companies in setting science-based climate targets in line with the Paris Agreement. Over 4,200 companies, including Robert Bosch, have SBTi-recognized targets.

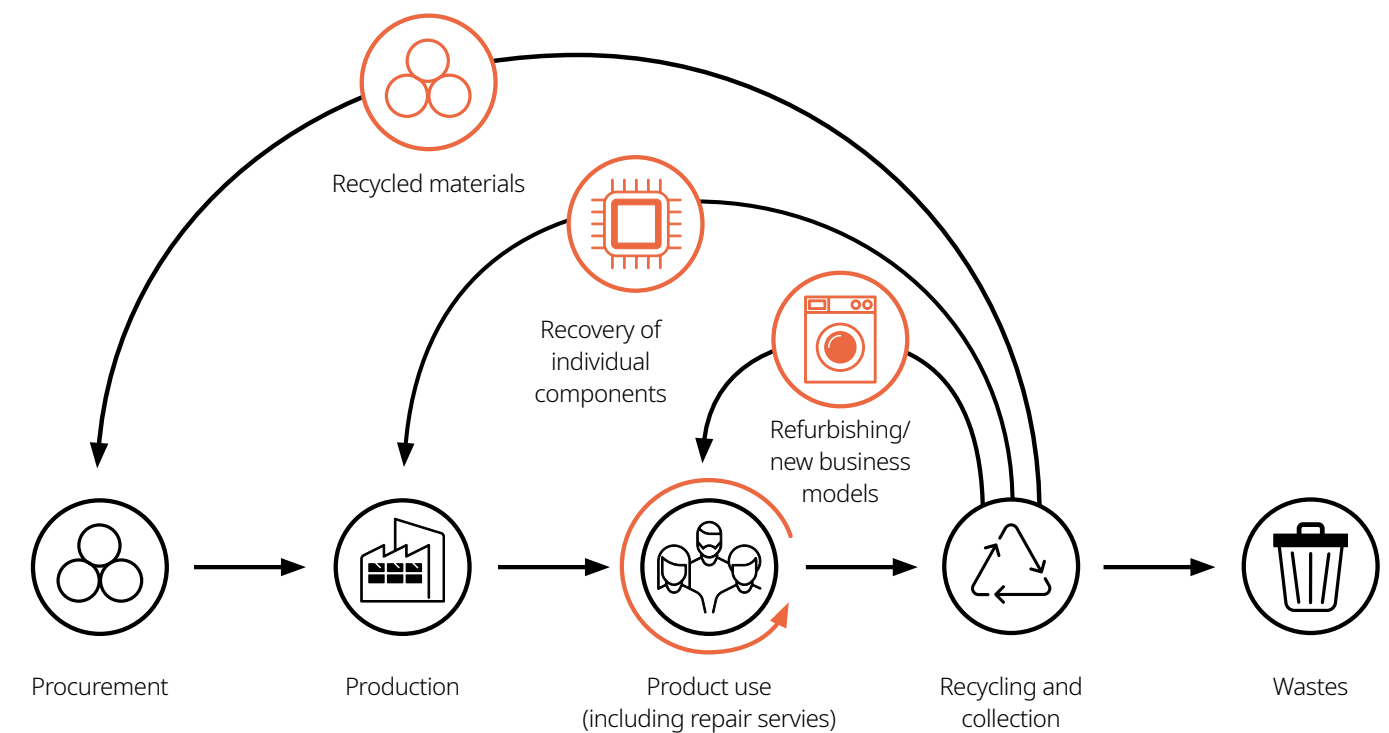


# The product life cycle

## RESPONSIBILITY FROM START TO FINISH

At BSH, we pursue a holistic approach that takes into account the entire life cycle of our products – from procurement, production and use through to after-sales services and take-back. For our products, their manufacture, their service and their marketing, we focus on improving energy and water efficiency, reducing CO<sub>2</sub> emissions and a long usage time at home.

At the same time, we develop innovative business models to sustainably change the home appliance market. By using new business models such as leasing and sharing, we contribute to using appliances and resources more efficiently, and to minimize waste.





# Procurement

## SUSTAINABILITY BEGINS WITH THE MATERIALS

By 2030, we aim to reduce indirect greenhouse gas emissions along our value chain (Scope 3) by 20 percent compared to 2018.

Through increasing the use of recycled and CO<sub>2</sub>-reduced materials, and by cooperating closely with our suppliers, we are driving forward an environmentally compatible value chain.

## OUR PRODUCT INNOVATIONS: THE BOSCH GREEN COLLECTION

With the Bosch Green Collection, we focus on more sustainable materials such as CO<sub>2</sub>-reduced steel and bio-based plastic to significantly reduce the CO<sub>2</sub> footprint. At the same time, the appliances come with the best energy efficiency class A, and help consumers to save money and to reduce CO<sub>2</sub> emissions through their use.

For our fridge-freezer combination, we use CO<sub>2</sub>-reduced steel for the side panels and door fronts together with bio-circular and CO<sub>2</sub>-reduced plastics for door shelves, vegetable trays and freezer trays. This has enabled us to reduce the materials-based CO<sub>2</sub> footprint by a full 50 percent.\*

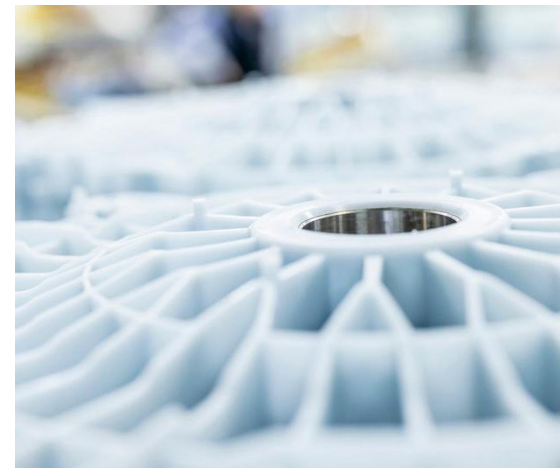
## MORE SUSTAINABLE VALUE CHAINS THROUGH THE MASS BALANCE METHOD

The mass balance approach is an important step towards more sustainable materials. This method calculates more climate-friendly materials for specific products, even when this material is mixed with conventional raw materials during production. The products in the Bosch Green Collection use this approach to achieve CO<sub>2</sub> reductions of up to 70 percent for metals and 60 to 130 percent for plastics.

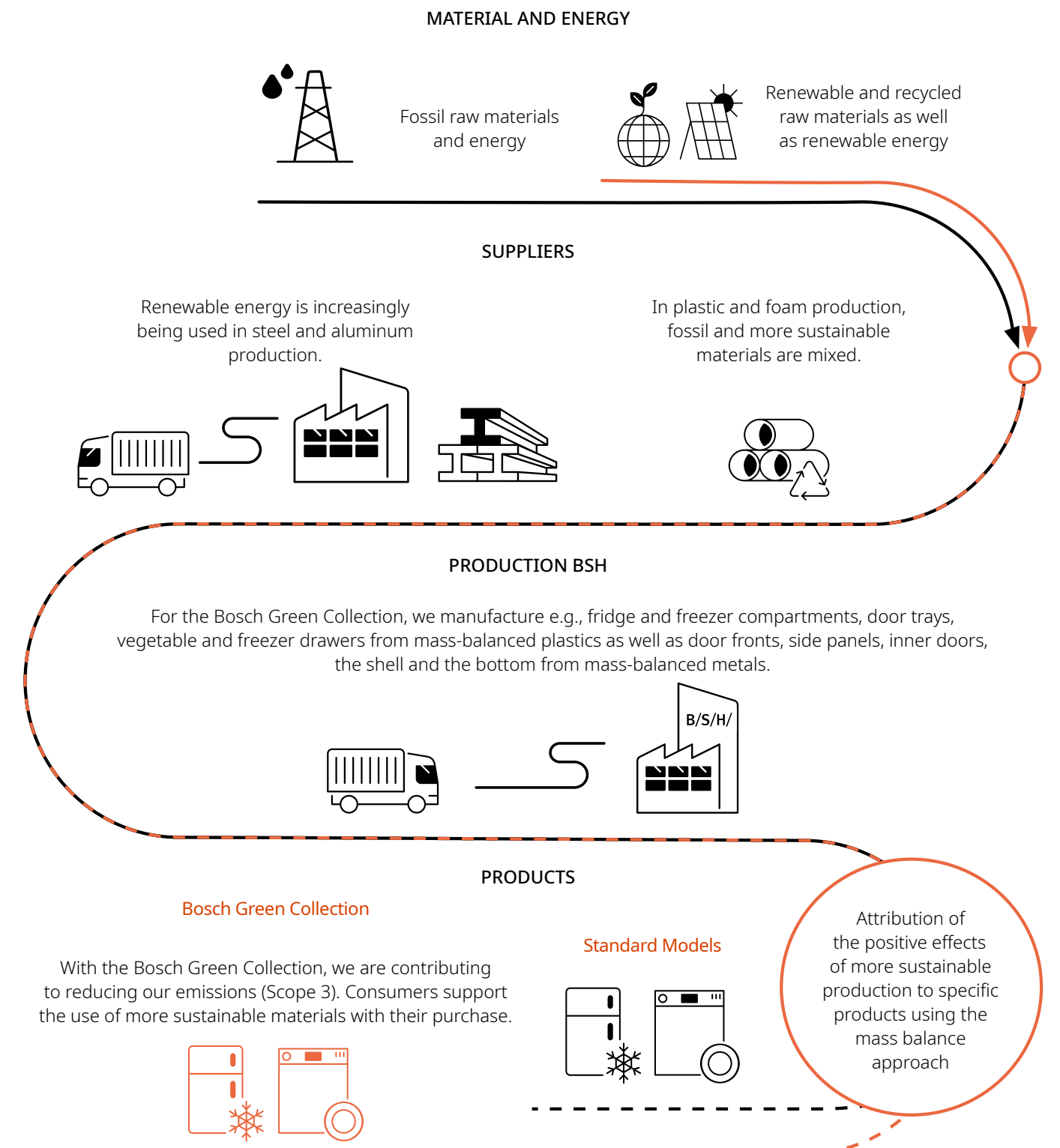
Bio-circular raw materials, for example from edible fats, are replacing fossil materials. CO<sub>2</sub>-reduced materials are not yet being produced on a large scale, but manufacturers mix them with conventional materials during production.

This enables our suppliers to progressively switch their production from conventional to more sustainably-produced materials.

The mass balance approach documents this progress, and is an important step towards more recycled materials.



# The mass balance approach



\* Compared to a comparable Bosch fridge-freezer using conventional production materials (standard size: KGN39VXAT, XL size: KGN492IAF). The CO<sub>2</sub> footprint of the production materials (excluding packaging) is calculated based on ISO 14067. In the production process, the CO<sub>2</sub>-reduced material is partly mixed with conventional materials, but is allocated to the Bosch Green Collection fridge-freezers based on mass balancing (according to ISO 22095). Verified and confirmed by TÜV Rheinland.



# Production

## DETERMINED TO ACHIEVE LOW-EMISSION PRODUCTION

At BSH, we are convinced that climate-friendly production is the key to a sustainable future. We have already operated CO<sub>2</sub>-neutrally at our sites since 2020, and consistently focus on resource-conserving processes.

## OUR FOUR LEVERS FOR SUSTAINABLE PRODUCTION

### 1. Energy efficiency

By 2030, we aim to save a total of 300 GWh of energy by further increasing our energy efficiency at our sites (Scopes 1+2).

We have saved 40 GWh in 2024 alone.

### 2. Generating green electricity

In 2024, we already exceeded our target of significantly increasing the share of renewable energies we generate ourselves by 2030.

This year, we generated 74 GWh of green electricity.

### 3. Purchase of green electricity

BSH is initially concentrating on purchasing green electricity from existing plants. Annual procurement is to be increased to 100 percent by 2030 (Scope 2).

We are currently at 99 percent.

### 4. Carbon offsets

BSH offsets the remaining CO<sub>2</sub> emissions with carbon credits.

Our target is to reduce the proportion of offsetting to a maximum of 15 percent in absolute terms by 2030 (compared to the base year 2018).

## WE ARE CERTIFIED – WORLDWIDE

### Environmental and quality management:

All 39 factories (as of Q2/2025) are certified in accordance with ISO 14001 and ISO 9001.

### Energy management:

Our production sites in the EU, Turkey and China also have ISO 50001 certificates for energy management.

All sites are supported by environmental and occupational safety officers who report to our Central Environmental Protection and Occupational Safety Department, which carries out internal audits.





# Product use

## QUALITY THAT IS WORTHWHILE

At BSH, we focus on appliances that promote a sustainable lifestyle through their functions, quality and durability – for today and tomorrow.

### MAKE YOUR HOME MORE SUSTAINABLE WITH HOME CONNECT

Our smart home appliances enable the conscious use of energy and water – conveniently controllable via the Home Connect app. Innovative functions ensure greater efficiency and resource conservation at the same time:

#### Smart Start

Appliances automatically use times when electricity from renewable energy sources are available. This makes every wash or rinse load more sustainable and reduces its CO<sub>2</sub> footprint.

#### Consumption dashboard

The energy and water consumption of our products can be monitored easily – including the effects of program changes.

This enables conscious decisions to be made in advance to reduce consumption.

#### Care & maintenance instructions

The Home Connect app provides timely information about necessary maintenance actions, so home appliances can be used in top quality for as long as possible.

#### Remote diagnosis

Our service team can inspect appliances remotely and solve problems efficiently, thus reducing unnecessary travel, lowering CO<sub>2</sub> emissions and conserving valuable resources. When repair visits are necessary, the targeted preparation enables an efficient approach.

#### Intelligent dishwasher program

This function automatically selects the optimum wash program to minimize water and energy consumption and to operate the dishwasher more sustainably.

## OUR PRODUCT INNOVATIONS

### Environmentally friendly washing through energy efficiency

You can save energy effectively with the right washing machine. Bosch washing machines from series 4 to 8 offer the best energy efficiency class A.

The premium Bosch Series 8 and Siemens iQ700 models are even 50 percent more efficient than the class A limit – thus protecting the environment and your wallet.\*

### Less microplastic

Our user-friendly microplastic filter can reduce microplastic emissions during washing by up to 97 percent.

The anti-microplastic program in our washing machines also reduces micro-fiber abrasion by up to 30 percent, resulting in less microplastic being released into the environment.

\* 50 percent more efficient (25 kWh/100 wash cycles) than the limit value (50 kWh/100 wash cycles) of energy efficiency class A according to Regulation (EU) No. 2019/2014.

# Service

## SUSTAINABILITY THROUGH LONG PRODUCT USE

We don't just think about sustainability aspects until our products have been sold. Our customer service helps consumers to enjoy their appliances for as long as possible.



In 85 percent of cases, our roughly 10,000 technicians and service staff worldwide only need a single home visit to get the appliance up and running again quickly.

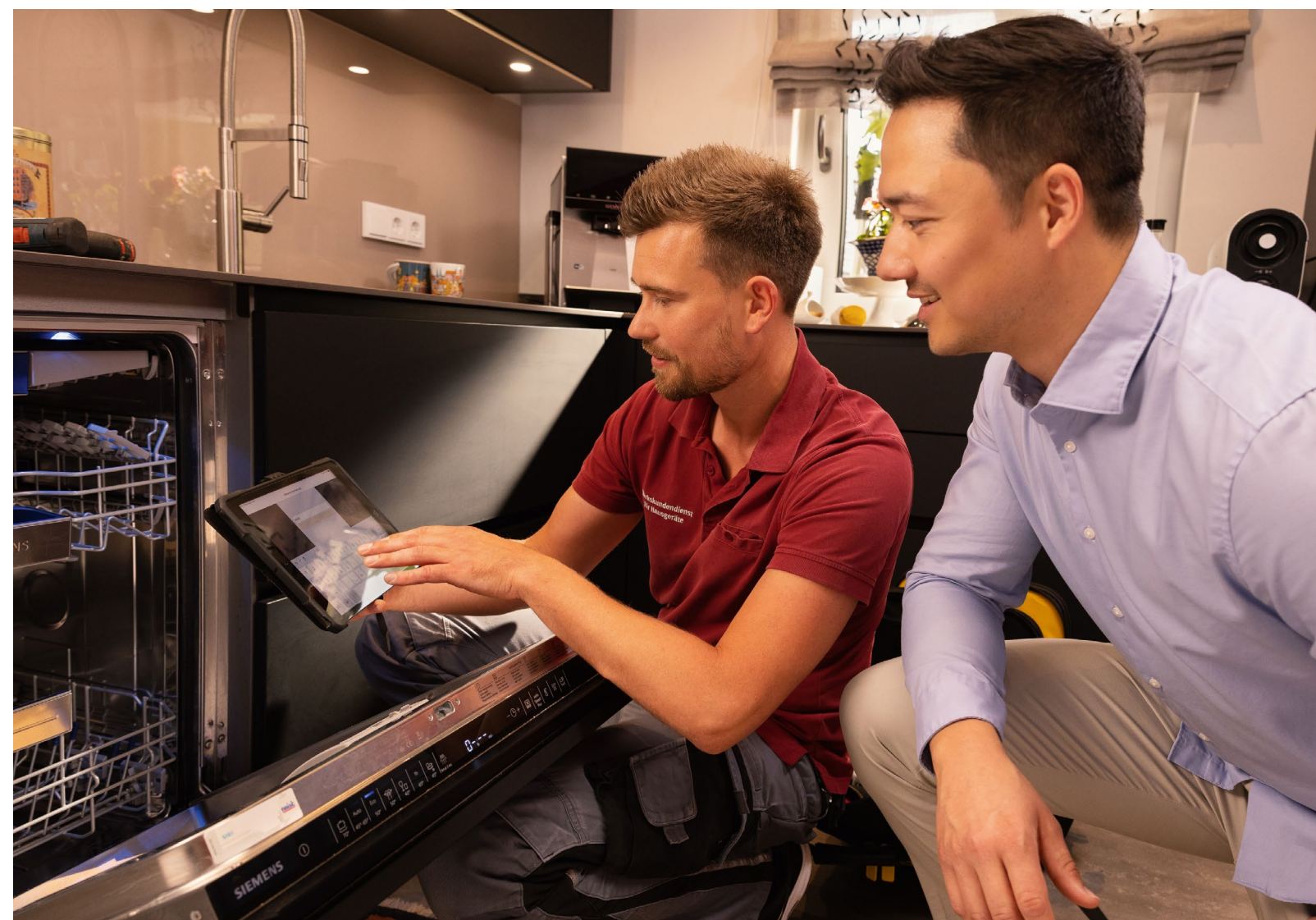


Seven logistics centers in the immediate vicinity of the BSH production sites ensure short delivery routes and have more than 350,000 spare parts in stock. This network is supplemented by 22 regional warehouses.



2023 we have extended the spare parts availability for large appliances from 10 to usually up to 15 years and for small appliances from 7 to usually up to 10 years.\*

\* For all functionally relevant and stockable parts for appliances manufactured after January 1, 2023.





# New business models

## DOING BUSINESS SUSTAINABLY AT THE CORE

With our new business models, we counteract the throwaway mentality and promote the reuse of valuable resources and the recycling of unrepairable home appliances, which are taken back by BSH.

### BLUEMOVEMENT – LEASING FOR HOME APPLIANCES

Our BlueMovement service brand enables consumers in Germany and the Netherlands to rent home appliances – including maintenance and repair. Through regular maintenance and refurbishing, the rented appliances can achieve a life expectancy up to 20 percent longer than purchased appliances.\*

After use, they are taken back and 97 percent of all appliances are refurbished for reuse, while the rest are professionally correctly recycled. Already one third of all consumers consciously opt for a refurbished appliance.

### WEWASH – MODERN LAUNDRY ROOM SOLUTIONS

The BSH service brand WeWash offers a simple digital solution for using and billing communal laundry rooms. With more than 500,000 users and 9,000 installations in Europe, WeWash enables the convenient, energy-efficient use of Bosch laundry care appliances.

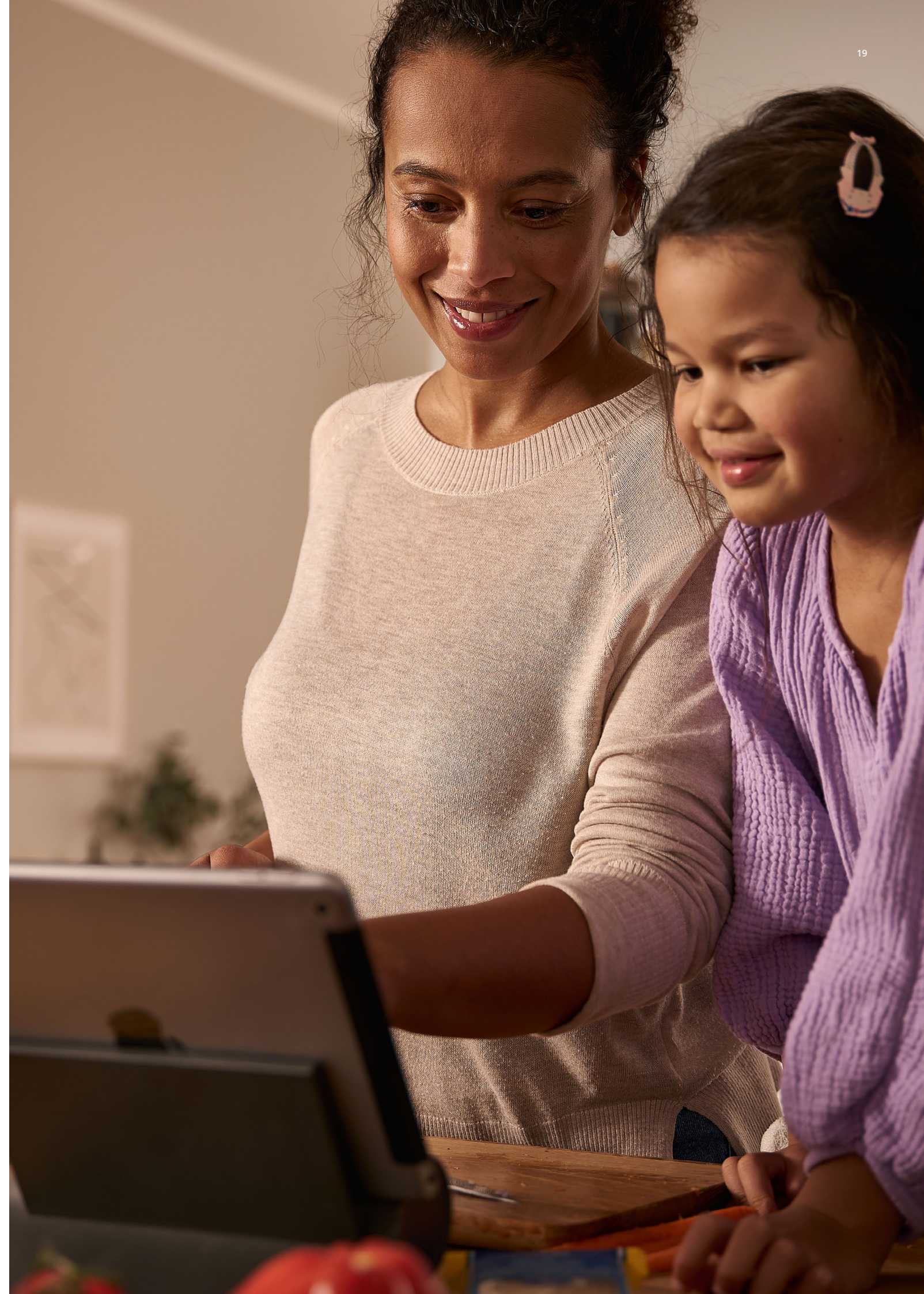
This not only saves time and effort, but also reduces CO<sub>2</sub> emissions and costs for laundry room operators.

### THE PAPILLON PROJECT – LEASING FOR A GOOD CAUSE

Our Papillon project in Belgium supports low-income families by renting out resource-efficient Bosch home appliances at a favorable cost.

In cooperation with the social enterprise SAAMO West-Vlaanderen, the Papillon project replaces obsolete appliances, thus helping to save household operating costs in the long term and promoting refurbishment or high-quality recycling after take-back. The appliances can also be booked online via the Papillon website.

\* DNV AS (Norway), the world's leading independent expert for quality assurance, risk management and sustainability, was commissioned to carry out a study. As part of this, DNV AS analyzed the expected prolongation of the service life of large home appliances that were refurbished after the end of the warranty period as part of the BlueMovement model in Germany. To determine the impacts, DNV applied the principles of ISO 14021 for self-declared environmental claims.







# BSH is Europe's No. 1 home appliance manufacturer\*

Founded in 1967 as a joint venture between Robert Bosch GmbH (Stuttgart) and Siemens AG (Munich), BSH has been wholly owned by the Bosch Group since January 2015. In its company history of more than 55 years, BSH has developed from a German exporter into one of the world's leading manufacturers of home appliances. With around 57,000 employees, BSH achieved a total turnover of EUR 15.3 billion in 2024. BSH produces its entire range of modern home appliances at 39\*\* production sites worldwide.

## WHICH HOME APPLIANCES DO WE MANUFACTURE?

BSH's product portfolio covers the entire spectrum of modern home appliances. Ten different home appliance brands offer consumers everything from stoves, ovens and extractor hoods to dishwashers, washing machines, dryers, fridges & freezers and small home appliances such as vacuum cleaners and fully automatic coffee machines. Our vision is to combine products with the provision of additional digital services to bring a smile into our consumers' everyday lives.

More at: <https://www.bsh-group.com/products-brands/portfolio>.

\* Value-based  
\*\* As of Q2/2025



## Hausgeräte unter den Marken

 **BOSCH**

**SIEMENS**

**GAGGENAU**

 **NEFF**

**Thermador**★

 **Balay**

**Constructa**

 **PITSOS**

**PROFILO**

**JUNKER**

## Ökosystemmarke

 **Home Connect**

## Servicemarken

 **WeWash**

 **SIMPLY YUMMY**

 **BlueMovement**

 **foodfittery**



# Imprint

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