


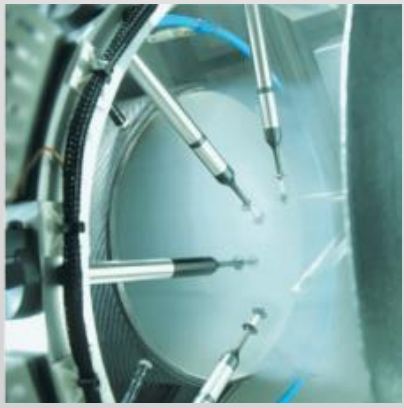

SCHMIDT Technology GmbH

Environmental statement

2026 – 2028

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Foreword

SCHMIDT Technology GmbH

Resource-saving. High quality. Durable.

Sustainability and environmental protection have been an integral part of SCHMIDT Technology's corporate philosophy for many years. As an independent family business with three business areas - writing instrument technology, press technology and flow sensor technology - we see it as our task to manufacture durable, high-quality products while at the same time using natural resources responsibly.

With this environmental statement, we are updating our previous statements, documenting progress and setting out our new targets for the coming years. Our aim is to make an active contribution to environmental protection with resource-saving production processes, innovative technologies and durable products.

St. Georgen, 2025-05-12

Oliver Schmidt
Technical management

Stephan Schmidt
Commercial management

The SCHMIDT Technology company

SCHMIDT Technology GmbH, headquartered in St. Georgen in the Black Forest, employs around 300 people.

SCHMIDT Technology based in St. Georgen in the Black Forest is a globally active, medium-sized family business that has been developing and producing high-tech products in the fields of writing instrument technology, machines (press systems for assembly) and sensor technology (flow sensors for air and other gases) for over 85 years.

Our products are designed for durability, precision and efficiency.

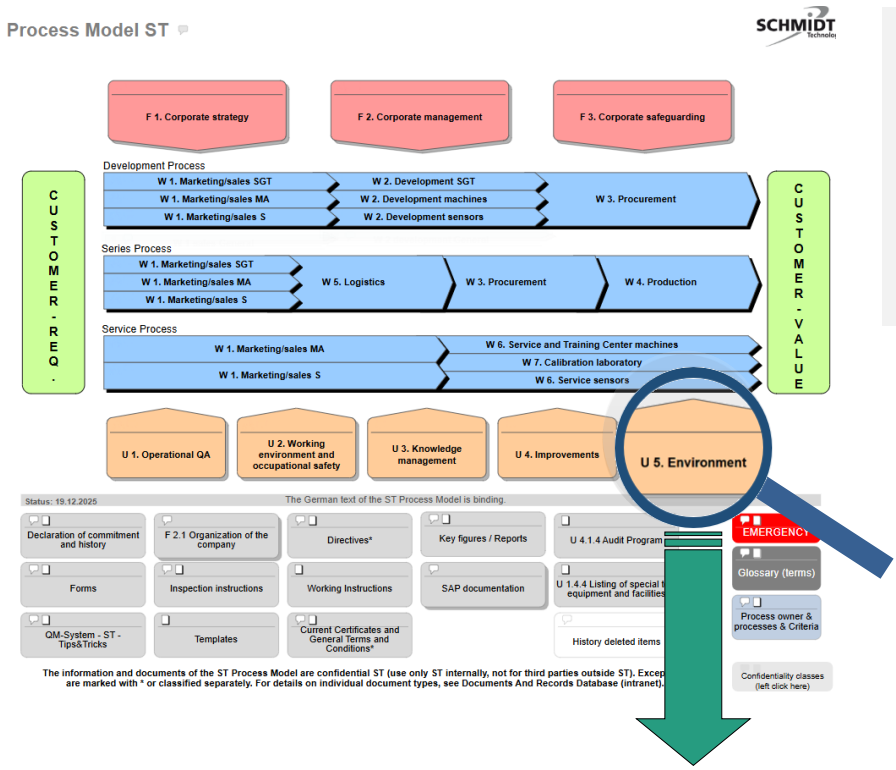
The active involvement and awareness of our employees is a central component of our sustainable and environmentally conscious management.

Writing instrument technology

Machines

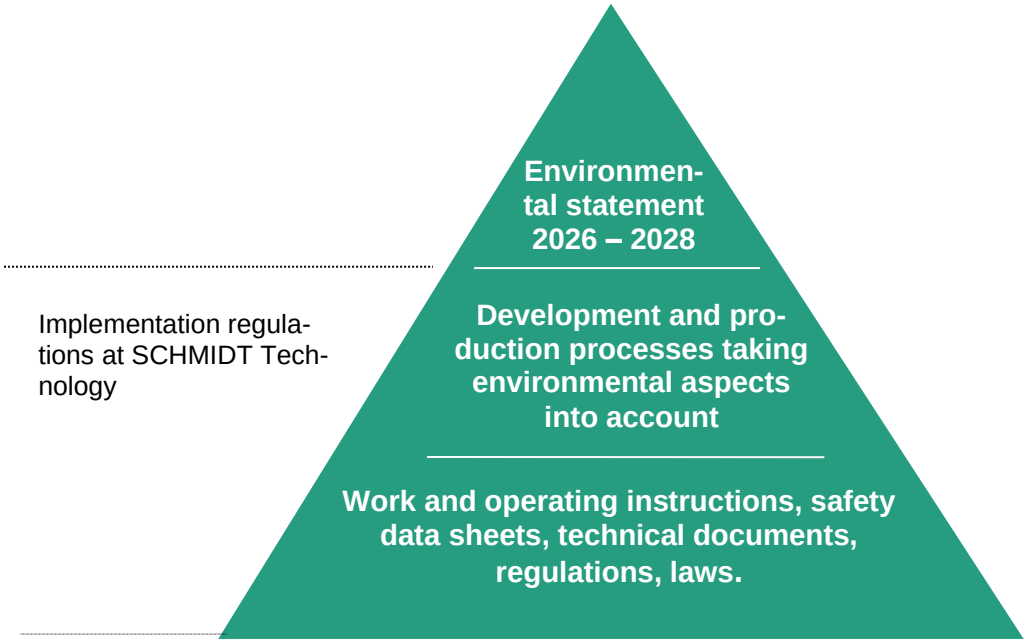
Sensors

Environmental management at SCHMIDT Technology



Integrated management system:

- Quality management: DIN EN ISO 9001
- Environment
- Occupational safety
- Calibration laboratory: DIN EN ISO/IEC 17025



Responsibility

General Management	Initiator of the Environmental Statement 2026-2028; definition of environmental policy and environmental targets; contact with relevant authorities.
Technical Management	Specifications for the development departments to implement environmentally friendly products.
Development	Development of environmentally friendly, durable products; use of suitable raw materials to avoid waste and conserve resources.
Production Management	Use of environmentally friendly processes; implementation of process descriptions and operating instructions for environmental protection.
QMB	Preparation of the environmental statement in coordination with internal departments; responsibility for the QM system in accordance with ISO 9001 / ISO/IEC 17025; implementation of the environmental statement.
Quality assurance	Product safety by means of test plans for worker self-inspection; suggestions for product improvement, also from an environmental point of view.
Occupational safety specialist	Responsible for safety-relevant areas on machines and systems; identification and labeling of potential hazards.
Safety officer	Supporting the occupational safety specialist in production departments; monitoring and elimination of potential hazards.
Purchasing	Procurement of materials and safety data sheets; together with the contact person for environmentally friendly recycling and disposal; preparation of the annual waste balance sheet.
Contact for waste disposal	Sorted waste collection and declaration; coordination with production management and purchasing; storage, timely disposal; keeping the waste record book, if required by law.
Contact for immission control	Promotion of environmentally friendly processes; monitoring of legal regulations; education of employees about critical processes and substances.
Fire protection officer	Compliance with fire protection guidelines; implementation of preventive fire protection measures.

REACH officer	Implementation of the requirements of the REACH Regulation (EC) No. 1907/2006.
Laser safety officer	Compliance with the accident prevention regulation "Laser radiation".
Goods receipt	Only goods delivered in an environmentally friendly manner are accepted; internal distribution.
Packing / shipping	Specification of environmentally friendly packaging (size, type, material); use of returned packaging; use of reusable systems such as pallet cages or pallets.
Heads of department and foremen	Instruction of employees at the workplace; monitoring of sorted waste collection in the departments.

Corporate guidelines

The guiding principles were developed in workshops with our employees. The department heads and foremen then discussed the guiding principles with the employees and agreed on how to implement them in their daily work.

We at SCHMIDT Technology have the following guiding principles for our thoughts and actions:

Company	We are a market-oriented, innovative and successful company and align our strategy with the expectations of our interested parties. In our Writing Instrument Technology, Machines and Sensors divisions, we develop, produce and sell cutting-edge technological products.
Shareholder	We are a modern, future-oriented, family-owned company. By investing heavily in people, technology and organization, we secure jobs and a satisfactory return in the long term.
Customers and markets	We focus on the requirements and benefits of our customers. We are a technologically competent and reliable partner. We are successful worldwide. We always act transparently and with integrity; we guarantee our customers fair and legally compliant business relationships.
Products and technology	Our high-performance products and cutting-edge technology make us the market leader. We secure and strengthen this position for the future through continuous development and innovation.
Employees	Well-trained, motivated employees are the basis of our success. The continuous training of all employees secures the future of each individual employee and the company.
Quality and quality management system	Quality in all areas and its continuous further development is the core of our corporate philosophy. We are continuously developing our quality management system to ensure the implementation of our strategic goals and adaptation to changing internal and external conditions.
Organization	We have a modern structure and work in a process- and team-oriented manner. Our competencies are clearly defined. Our management style is cooperative and employee-oriented.
Environment / surroundings	We act responsibly towards our employees, society, shareholders and our environment. We ensure compliance with all legal and regulatory requirements relevant to the company and its products and are committed to ethical conduct: We strictly reject any form of bribery, corruption, embezzlement or fraud

Sustainability

Ecology

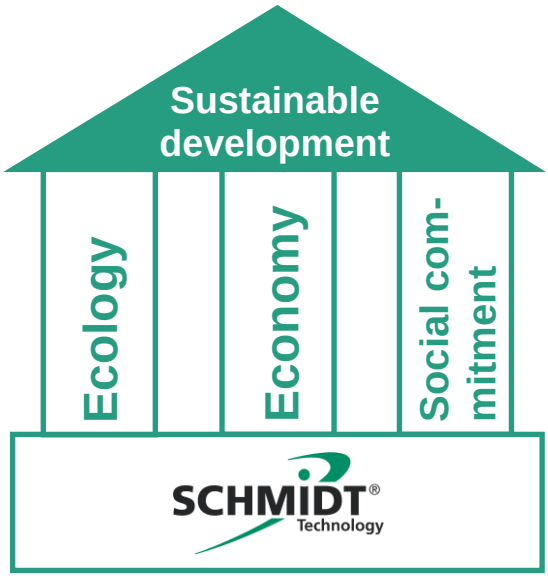
- Durable and / or reusable products
- Products (sensors) that contribute to energy savings
- High proportion of regional suppliers for series production
- Procurement of operating resources, preferably from local suppliers

Economy

- Long-term healthy corporate development
- High vertical range of manufacture
- Family ownership and management
- Continuity

Social commitment

- Production exclusively in Germany
- Long-term job security
- Ergonomics and occupational safety
- We respect and uphold human rights in accordance with the UN Guiding Principles on Business and Human Rights (UNGP)
- Fair treatment of business partners, customers, suppliers and employees



Environmental guidelines

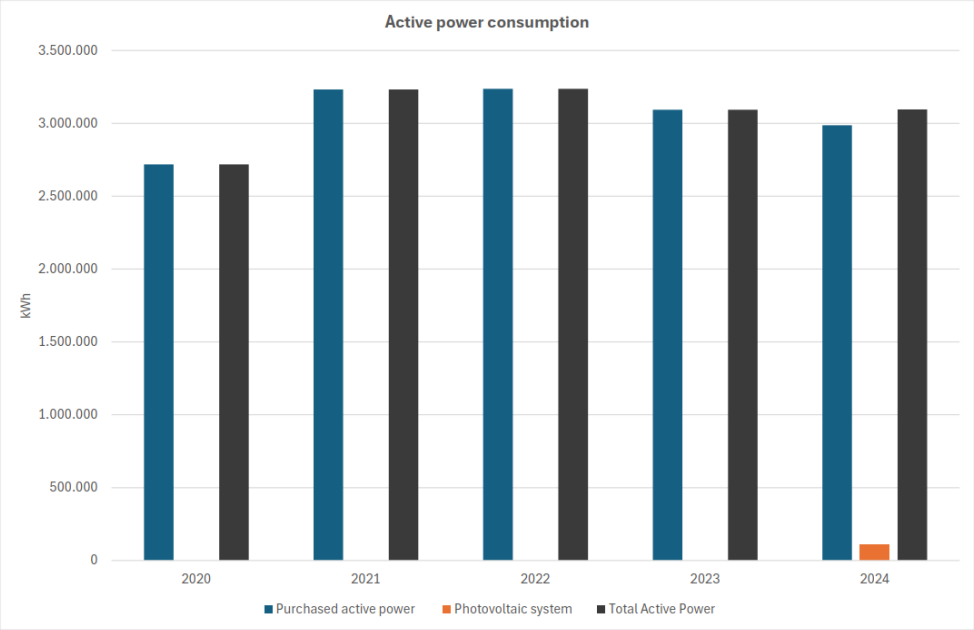
- Where possible, act according to the motto “avoid waste”. The graduated principle applies: “Avoid before recycle, recycle before dispose”.
- Resource conservation, environmental protection, regulated disposal and compliance with legal requirements right from the product development stage.
- Reduction of waste volumes and costs for waste disposal.
- Avoid hazardous substances where possible. Proper handling of hazardous substances to protect the employees and the environment.

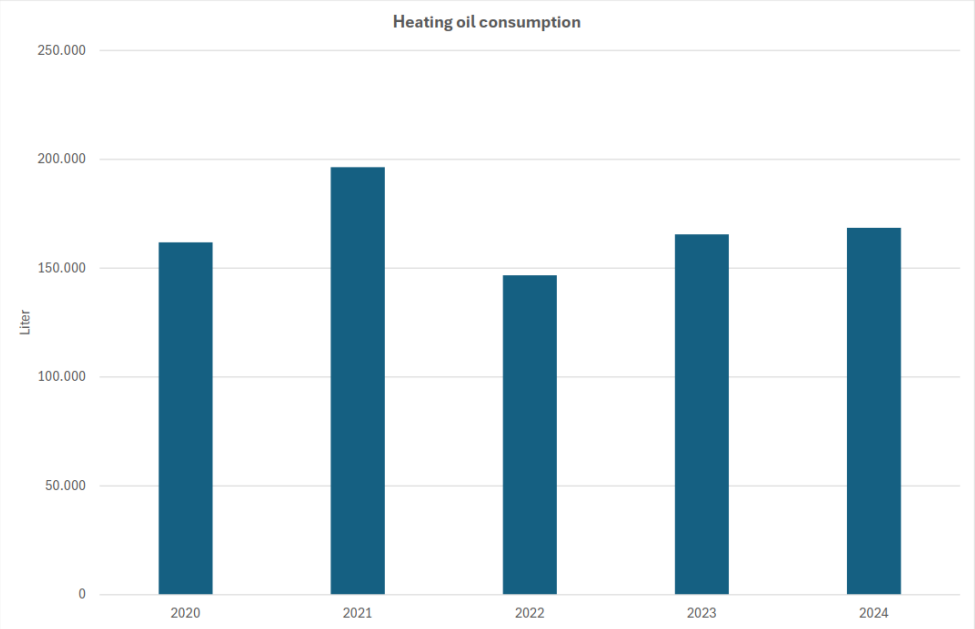
Significant environmental aspects

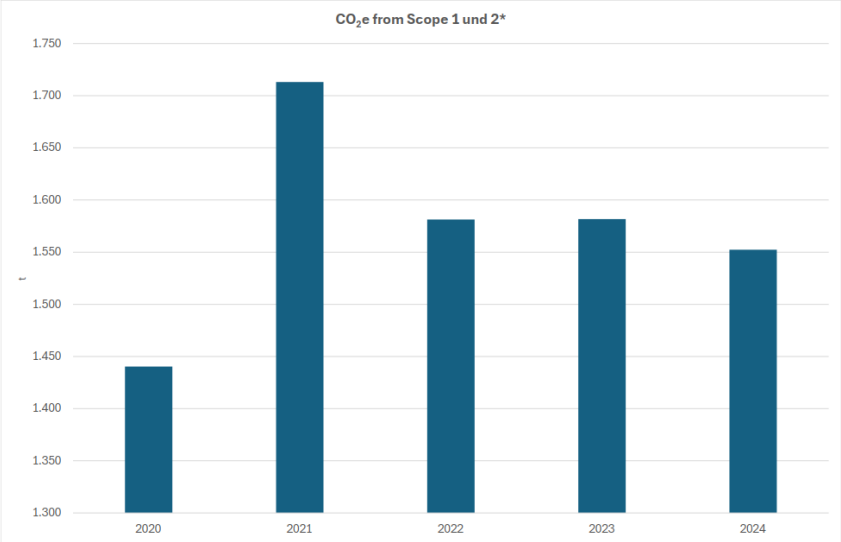
We regularly analyze the environmental impact of our activities. The essential aspects are:

- Energy consumption (electricity, heat, compressed air)
- Use of materials (metals, plastics, auxiliary materials)
- Waste (metal chips, packaging material, residual materials)
- Water consumption (cooling, cleaning)
- Emissions (CO_2, noise, air pollutants)
- Transport and logistics
- Product life cycle (longevity, recyclability)

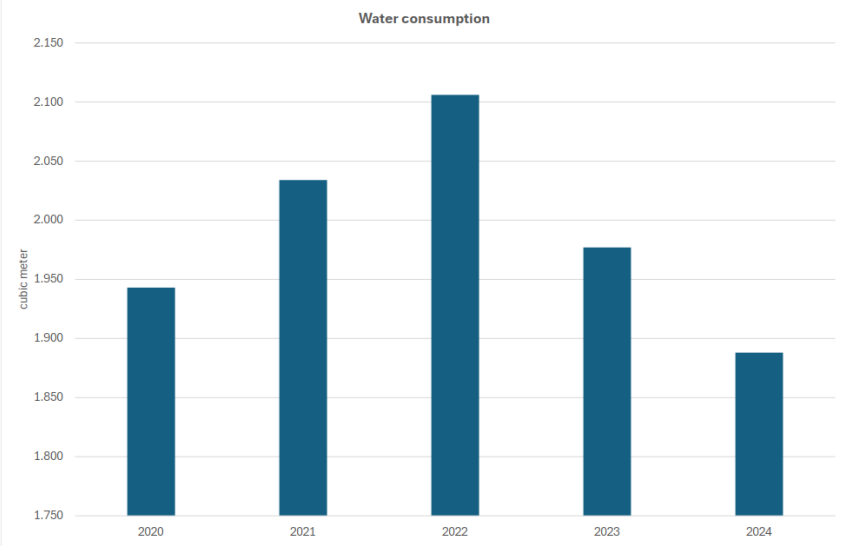
Trend in environmental indicators

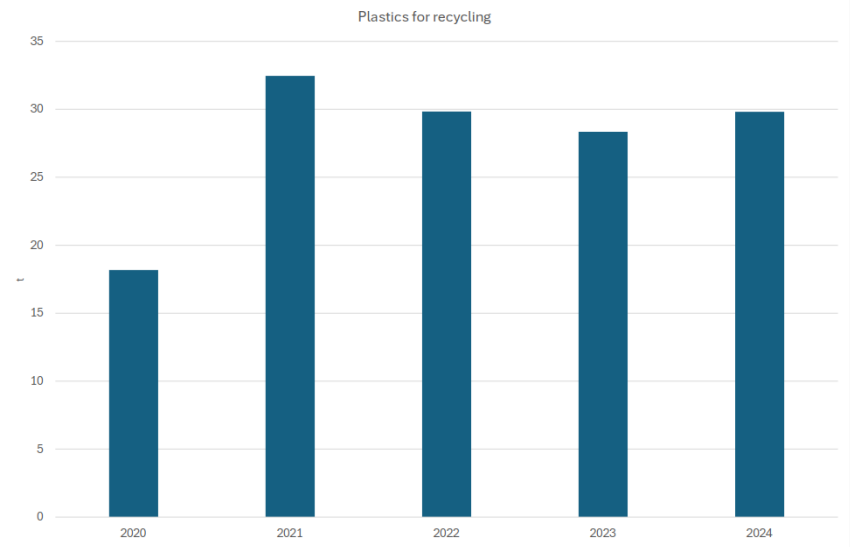


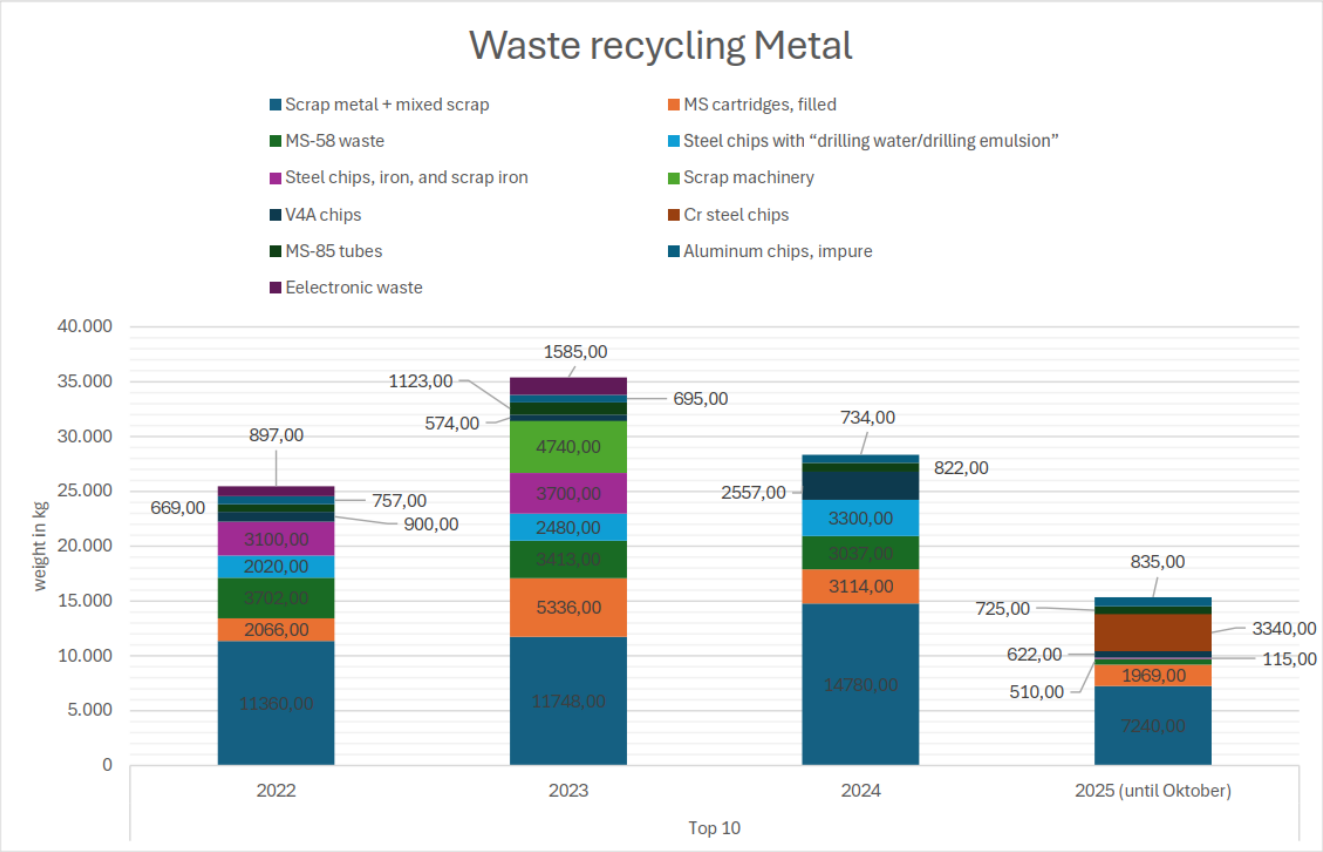




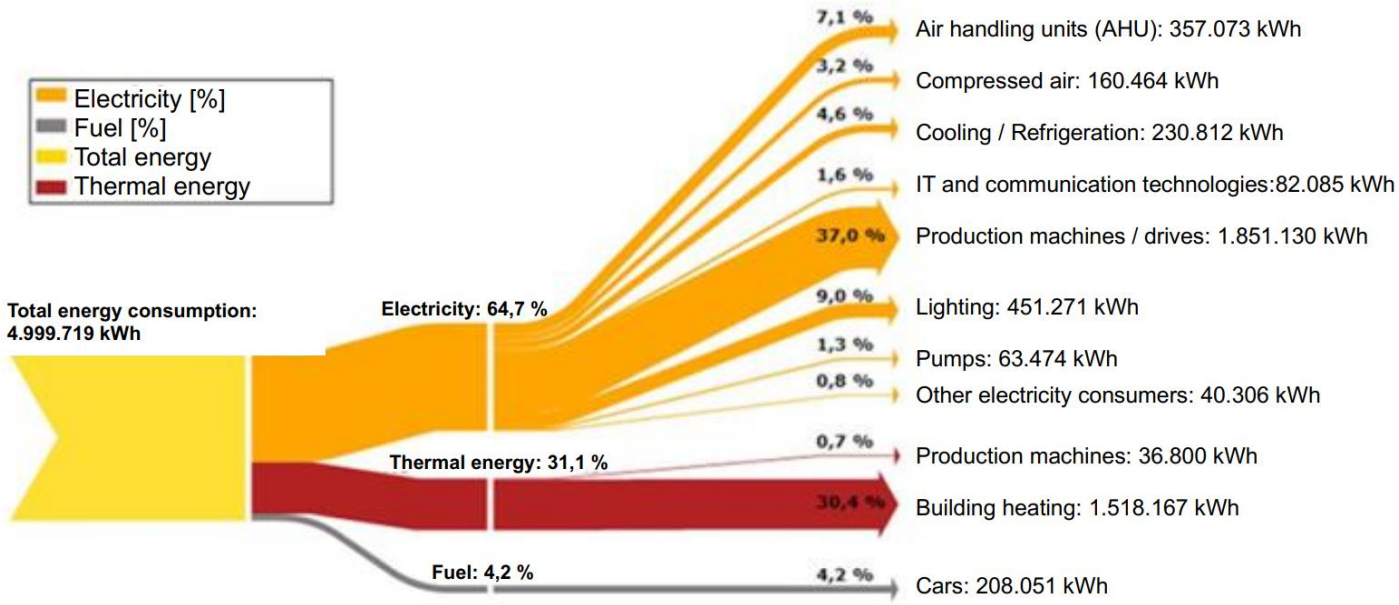
**Considering: CO_2 from direct emissions and indirect emissions from energy consumption. Factors for the calculation according to UBA, 2023-2024.*







Energy flow analysis



Issued: 2022

Environmental targets 2026 – 2028

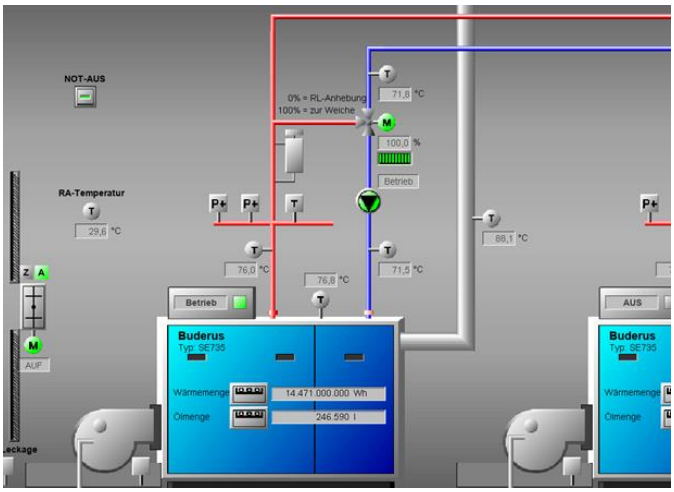
- Reduction in electricity consumption.
- Reduction in heating oil consumption.
- Products: further optimization of longevity and recyclability
- Employees: annual awareness training on environmental and resource issues

Measures 2026 – 2028

- Completion of the conversion from fluorescent tubes to LED lighting.
- Reduction of lighting duration and illuminated areas.
- Energy optimization of the administration building.
- Continuation of energy management and regular energy audits.
- Gradual changeover to regulated pumps.
- Maintenance and further development of the environmental process description.
- Further optimization of the organization and processes in the area of environmental management and occupational safety:
  - Central list of hazardous substances
  - REACH list
  - Preparation of an annual waste balance sheet
  - Maintenance of legal register

Measures implemented

Independent hot water supply for the administrative area with canteen, to reduce conduction losses.



Optimization of the building management system for more energy-efficient control.

Conversion to regulated pumps

Roofing of the container storage area

Installation of a PV system (garages and container storage area)

Products and responsibility in the life cycle

Our products are characterized by high precision, durability and reparability.

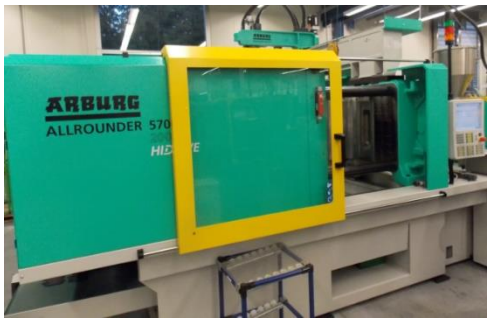
- Machines: robust presses with decades of service life
- Sensors: energy-efficient measuring devices that help customers save resources
- Writing instrument technology: high-quality writing instruments and mechanisms that replace disposable products and high-quality refills with a long writing capacity.

Supply chain and procurement

- Preference for regional suppliers and short transportation routes wherever possible.
- Promotion of sustainable materials and resource-conserving production processes among suppliers.
- Reduction of logistical effort and optimization of transport routes to reduce CO_2 emissions.
- Compliance with environmental and social standards by all suppliers; regular supplier evaluations.
- Promoting recycling and the closed loop recycling management in the supply chain, e.g. by reusing materials and packaging.
- Integration of innovative, environmentally friendly technologies at the suppliers' premises in order to minimize energy consumption and waste.
- Target: Minimizing environmental impact along the entire supply chain, promotion of transparency, sustainability and responsible behavior among all partners.

Production processes at SCHMIDT Technology

Plastic injection molding



Our plastic injection molding shop makes a significant contribution to resource-saving production:

- Only recyclable thermoplastics (PP, POM, ABS) are used.
- Closed water circuit for mold temperature control - permanently in circulation, without waste.
- Reuse of sprue material; unusable reclaim is ground by type and recycled externally.
- Steadily rising recycling rates confirm the success of this system.
- Modern machine technology reduces waste, lowers energy consumption and enables the processing of high-quality plastics.
- Conversion of temperature control technology from oil to water cooling.
- The interconnected control system (ALS) ensures precise planning of material, machines and orders as well as automated quantity recording

Automatic turning shop

- CNC machines account for more than 90% of our machine park, enabling efficient production in continuous operation.
- Conversion of many products from leaded brass to lead-free brass and stainless steel.
- New centralized air extraction system with separate machine and room control ensures more precise control and better air quality.
- Electrostatic separation reduces pollutant emissions.
- Central heat recovery contributes significantly to energy savings.

Writing tip production

- Production of high-quality stainless steel tips on specialized machines in a climate-controlled environment.
- We have our own process for gentle separation and reuse of cutting oils.
- Significantly reduced consumption of cutting oils thanks to filtering and recycling.
- Longer operating time of the cleaning system and less oily residues.
- The water for cooling and temperature control is circulated to ensure maximum precision while reducing water consumption.

Basic machine production

- Recycling processes extend the service life of the emulsions by a factor of four.
- Use of air filters and recirculation of the emulsion via CNC workspaces improves indoor air and reduces waste.
- Monitored recycling and skin protection measures ensure compatibility for employees and the environment.
- Machining centers with automated logistics and energy optimization replace old systems, save energy and increase efficiency.

Cleaning systems

- Optimized pre-cleaning processes reduce the consumption of CHCs despite higher peak production.
- Full-vacuum CHC cleaning system ensures gentle steam degreasing without releasing CHCs into the environment.
- Housing parts are degreased with closed cleaning machines (modified alcohol / hydrocarbon), reducing consumption and emissions significantly.
- VOC-free cleaning of tools and turned parts with brush washing tables; honing of many parts is no longer necessary.
- Continuous process optimization reduces the use of cleaning agents in the long term.

Operating infrastructure and resource management

Packaging and shipping

- Products are predominantly packaged in cardboard boxes made from recycled material.
- Return of transport and outer packaging enables multiple use as reusable packaging.
- Good quality padding material from incoming goods is reused; damaged packaging is recycled to save space.
- Writing instrument packaging is licensed by the Landbell AG (dual system).
- Transportation is mainly carried out on pallet cages, one-way and returnable pallets.
- Modular, recyclable packaging is used for extended workbenches and external production.

Storage areas

- High-density high-bay warehouses (“shuttle”) increase storage capacity on a minimal footprint.
- Space-saving storage enables efficient use of production space and ergonomic working.
- Automated storage and retrieval supports employees with ideal working heights, crane systems and forklifts.
- Introduction of “Kan-Ban” sustainably reduces work-in-process inventories and storage space requirements.
- Systematic expansion of warehouse solutions ensures a continuous increase in efficiency.

Energy supply and building technology

- Ventilation and air conditioning concepts with heat recovery allow energy savings in all halls.
- A new building technology with a modern control system enables needs-based control of heating, air conditioning and ventilation and dynamic adaptation to production conditions.
- Future-proof system planning allows later switch to alternative fuels.
- Own photovoltaic system for energy generation

References

- Environmental process description U 5.
- ARNW 4680 Safe and proper return of used batteries
- ARNW 7170 Container area (waste disposal)

Distribution and creation

- The environmental statement is available as a PDF and can be distributed digitally to interested parties. Printouts should only be made when actually required in order to conserve resources.
- Created in collaboration with production management, janitor, contact person for waste, advertising department, sensor sales and quality management.

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