

ENVIRONMENTAL PROTECTION YOU CAN MEASURE



ROHDE & SCHWARZ

Make ideas real



Rohde&Schwarz is committed to acting in an environmentally responsible manner across all divisions. As a sustainable technology group, we treat natural resources in an eco-friendly way and minimize the environmental impact of our own business activities. Our vision is carbon neutrality. To achieve this, we rely on intelligent technologies and the dedication of our employees. Continuously improving our environmental performance is a core part of our corporate strategy.



The solar panel installation at our Munich headquarters supplies renewable electricity near the city center.

1 ENVIRONMENTAL PROTECTION IN ALL PRODUCT LIFECYCLE PHASES

1.1 Development and design

Environmental compatibility starts early, which is why we set clear goals for energy and resource efficiency right from the concept and development phase. Eco-design is an integral part of our development process, ensuring that environmental protection is incorporated in a systematic and economic way. We use lifecycle assessments to identify any areas for improvement and demonstrate the benefits of such improvements. A key area of development is intelligent power management systems and highly integrated, energy-saving components. Together with the careful selection of sustainable materials, this ensures that products are energy efficient to use throughout their entire lifecycle.

1.2 Supplier management and material selection

1.2.1 Supplier management

We select our suppliers based not only on qualitative and economic factors but also environmental criteria. We actively challenge them to minimize their environmental impact. Complying with legal requirements on prohibited substances and implementing an environmental management system are prerequisites for cooperation. Our supplier risk process collects KPIs from supplier portals and defines minimum thresholds. On-site audits are also

used to check key suppliers. We have set out these guidelines in our CSR strategy. In addition, we also only source minerals and raw materials from certified smelters or, where processing companies are involved, only if a declaration has been provided via a conflict minerals reporting template (CMRT).

1.2.2 Material selection

Where appropriate and feasible, we strive to replace harmful substances in our products and monitor upcoming bans closely and proactively. In order to identify relevant developments at an early stage and quickly switch to suitable alternatives where needed, we actively participate in industry initiatives, publicly make our position clear and maintain continuous dialog with our stakeholders. If we discover that our products contain any critical materials, we immediately take the necessary measures. We identify any legal changes that will impact procurement and material selection at an early stage and adjust our processes accordingly.

1.3 Production

1.3.1 Manufacturing processes

We design our manufacturing processes and product tests to be as resource and energy efficient as possible. This includes taking specific environmental criteria into consideration when procuring new systems and equipment. Improving process design helps minimize environmental impact, while digitalization helps identify areas for optimization and reduce waste. When using hazardous substances, we ensure high safety standards for both people and the environment and continuously check whether we can replace any equipment that negatively impacts the environment. Short transport routes and efficient logistics also help reduce CO₂ emissions.



Heat pumps use waste heat from the data center and industrial processes to heat office buildings.

1.3.2 Location operations

We operate our locations in a way that conserves resources. Our environmental management system is certified and validated in accordance with ISO 14001 and EMAS. Together with our participation in regional initiatives, this drives continuous improvements in the six key EMAS areas (energy efficiency, emissions (including air pollution), water, waste, biodiversity and material efficiency). Among other things, this includes using waste heat via heat pumps, procuring regional, renewable district heating, using well water for heating and cooling in a sustainable manner and expanding solar panel installations to increase the share of energy we generate ourselves. We are mindful of our land use and take targeted measures to promote biodiversity at our locations. Involving employees through idea management and initiatives such as electric charging stations, company bike leasing (JobRad) or public transport tickets encourages eco-friendly mobility choices. We also provide training courses for apprentices and employees and maintain regular contact with energy and environmental networks. New buildings are constructed in line with recognized energy and environmental standards, and we work to reduce environmentally harmful gases to an economically and technologically appropriate extent.

1.3.3 Energy procurement

We source our energy from regional and sustainable sources wherever possible (regional local and district heating networks). We ensure our green electricity is certified by high-quality certificates from the relevant certification schemes. We adjust our procurement strategies to current market conditions.

1.4 Packaging and transportation

1.4.1 Packaging

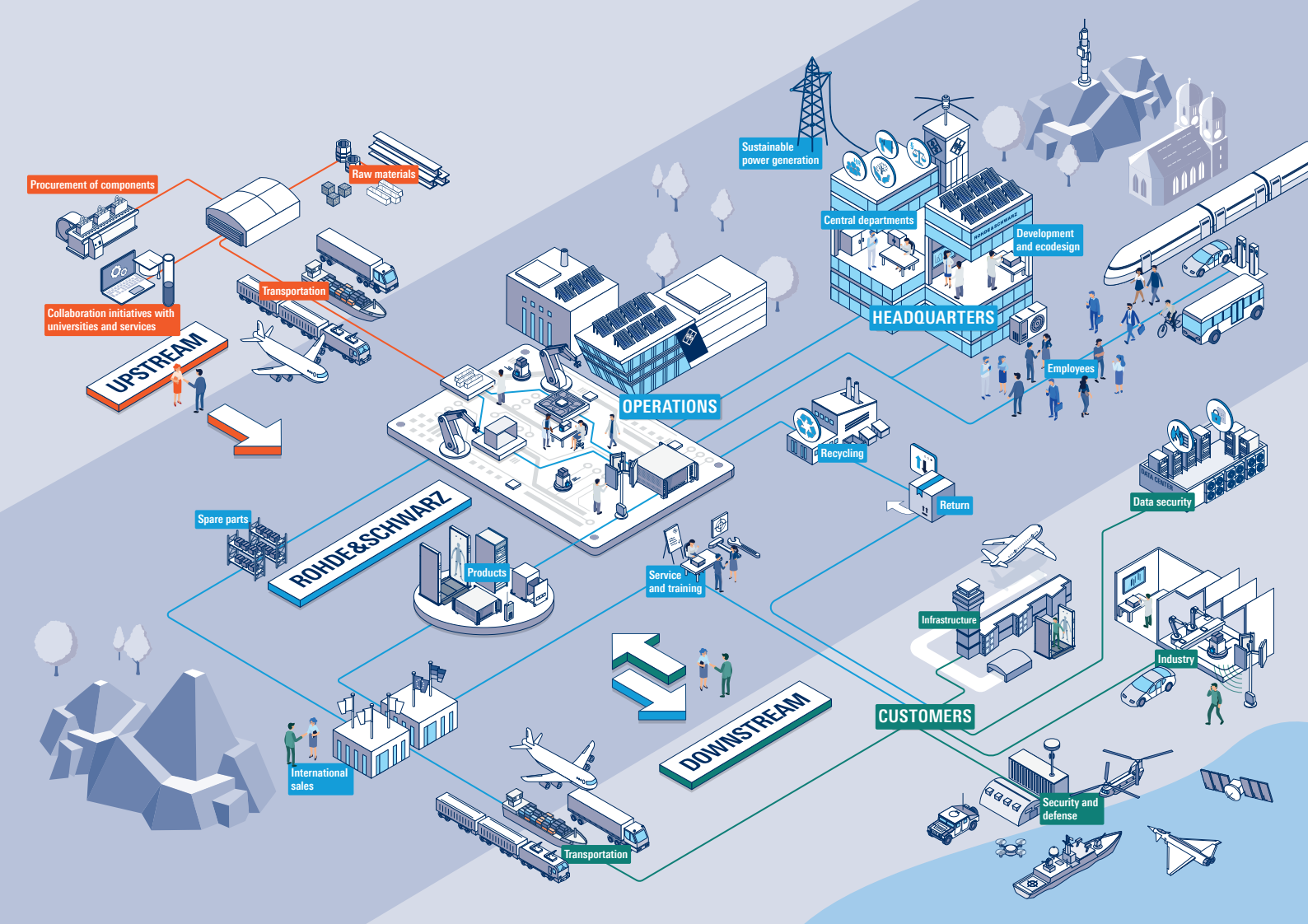
Our packaging is developed in accordance with the latest ecological requirements and standards, which includes prioritizing reusable packaging solutions. We select the materials and design the packaging to ensure they can be sorted and recycled. The dimensions of our devices are designed to ensure space-efficient, space-saving transport and optimal storage. We also incorporate recycled materials in our packaging materials and ensure that their use is verified by appropriate supplier certificates. In addition, we ensure that packaging is reused in transport chains to further reduce the carbon footprint throughout the entire lifecycle.

1.4.2 Transportation

We conduct detailed analyses of the emissions in our transport logistics and try to combine deliveries wherever possible in terms of timing and location. We are always on the lookout for economically viable and more environmentally friendly alternative modes of transportation and fuels.

1.5 Use phase

Environmental impact assessments reveal that the majority of emissions are generated in the use phase. This is attributable to the high energy consumption and long service life of our equipment, which is why energy consumption is the key focus of product development. Energy-efficient operating modes, intelligent control systems and excellent



Environmental considerations play a role in all lifecycle of the Rohde & Schwarz ecosystem.

reliability not only reduce the environmental footprint of our products over their entire life but also bring down operating costs for our customers.

1.6 Take-back, service and recycling

Recycling-friendly design, together with modular construction and standardized mechanical parts that can be separated by type, makes it easier to disassemble our products and recover materials. Our goal is to close material cycles and maximize the amount of material that can be reused. Where possible, we organize the proper take-back and disposal of products via our numerous local service centers. The priority is to resell equipment so that it can be used again.

2 TRANSPARENCY AND CONTINUOUS IMPROVEMENT

We set measurable environmental goals, carry out audits and openly report on progress and areas for improvement in our environmental statements. The EMAS validation of our headquarters in Munich as well as other research and production sites in Teisnach, Memmingen and Vimperk strengthens the external transparency and credibility of our environmental measures.