

CLIMATE STRATEGY 2030: FOR A MORE SUSTAINABLE AND MORE INDEPENDENT ENERGY SUPPLY

By 2030 we aim to reduce CO₂ emissions* at our main development and production sites by 55 % compared to 2017. In doing so, we will actively contribute to achieving the global climate protection target of 1.5 °C.

* Location based scope 1 and 2 according to GHG protocol

ROHDE & SCHWARZ
Make ideas real



We will reduce emissions and thus create more scope for economic activity. The following building blocks form the foundation for sustainable corporate success.



ANALYSE AND REPORT

- ▶ We continue to further develop our intersite energy controlling
- ▶ Our monitoring is based on common evaluation standards and KPIs
- ▶ Through regular analyses and reports, we identify potential for improvement, create transparency and are able to react faster
- ▶ Cross-plant energy cycles allow us to act more efficiently



AVOID AND REDUCE

- ▶ We are safeguarding our already implemented green energy quality in power procurement and combine this with PPAs as a new form of energy supply contracts
- ▶ Economically viable energy efficiency measures are implemented in line with our strategy as quickly as possible
- ▶ In the case of new buildings, we apply the highest energy efficiency and sustainability standards (KfW, DGNB, LEED)
- ▶ We increasingly use central CO₂-free refrigeration systems in order to reduce climate-damaging refrigerants in small-scale plants



REPLACE AND OPTIMIZE

- ▶ We continue to expand our in-house energy generation through regenerative generation systems
- ▶ Waste and ambient heat is utilized to optimum effect by means of heat pumps
- ▶ In the long term, we want to reduce dependency on gas by utilizing locally available fuels; maximum independence from the energy market plays a considerable role here
- ▶ We are keeping an eye on future technologies, such as hydrogen, and keep open the possibilities of reacting spontaneously to the market



CERTIFY AND COMPENSATE

- ▶ We are continuously developing our DIN EN ISO 14001 certified environmental management system
- ▶ We are establishing a systematic energy management system based on DIN EN ISO 50001
- ▶ Energy audits in line with DIN EN 16247-1 are conducted at regular intervals
- ▶ We are keeping an eye on the market for compensation possibilities and aim to compensate technically unavoidable emissions from 2030 on

The Paris Climate Conference

At the Paris Climate Conference in December 2015, 197 states came to a consensus on a new, global climate protection agreement. They set themselves the goal of limiting global warming to „well below“ two degrees Celsius and pursue efforts to limit the temperature increase to 1.5 degrees Celsius.