

Sustainability Sep 13, 2019

Management approaches: Environment & Energy

The sustainability activities of the company are subdivided into four main spheres of activity. Porsche manages the respective activities based on guidelines, regulations, and clear responsibilities.



Sustainability principle

Porsche views the conservation of natural resources as an entrepreneurial obligation. Whether in development or in production, the objective is to impact the environment as little as possible, to use energy efficiently and to increase the share of renewable energies. All the steps taken to this end are scrutinised on a continuous basis along the entire value chain, and improvements are made where necessary.

The "Environment and Energy" action area constantly reviews the themes identified in the 2017 materiality analysis: "energy and emissions during production", "environmentally compatible logistics" and "resource consumption during production". Porsche has put in place clearly defined processes and responsibilities for all its divisions. Options for feedback and evaluating processes have also been firmly enshrined in the organisational structure.

Energy, emissions and resource consumption during production

Global climate change, scarcity of resources and advancing urbanisation all pose enormous challenges to the economy and society. In Porsche's 2017 materiality analysis, the Porsche stakeholders who are impacted directly or indirectly by the company's activities assign a great deal of importance to "energy and emissions during production" and "resource consumption during production". Environmentally conscious and energy-efficient activity at all sites and across all levels is an essential element of Porsche's day-to-day business. A Group-wide environment and energy management policy continually checks all work processes along the entire value chain with regard to their ecological impact and any irregularities. Internal sets of rules and strategic guiding principles provide the relevant frame of reference. A dedicated Group guideline defines standardised procedures and responsibilities within the Porsche Group. This supports the Group companies in the systematic investigation, observance and checking of the regulatory environmental and energy requirements.

The energy and environment management policy covers emissions (air/noise) and soil protection, dealing with contaminated sites, hazardous materials and waste, as well as emergency preparedness, water and nature conservation and energy efficiency.

Responsibility for and the systematic implementation of the necessary steps lies with the Member of the Executive Board for

Production and Logistics, supported by the Environment and Energy Management department. The fundamental aim is that every Porsche employee should be informed about the effects of his or her work on the environment. Every -employee is called upon to observe the Group and company guidelines in order to minimise, or ideally avoid, any negative impact on the -environment. The strategy field "sustainability in production" in the Porsche Strategy 2025 defines short-term, medium-term and long-term measures. The "Environment and energy efficiency -strategy" and the company's own "Environmental policy" are additional strategic guiding principles. In this way the company is implementing a requirement of the international standards for environment and energy management, ISO 14001 and ISO 50001, around which -Porsche's internal specifications and processes are based. The sports-car maker also complies with the EMAS (Eco-Management and Audit Scheme) standards, a voluntary community environmental management and auditing instrument developed by the -European Union. The Porsche site at Stuttgart--Zuffenhausen has been validated according to EMAS for more than 20 years and was also the first auto-motive industry plant in the world to fulfil the ISO 50001 standard. Since then, Porsche Leipzig GmbH, the Research and -Development Centre in Weissach including its external locations, the central parts warehouse in Sachsenheim and Porsche Werkzeugbau GmbH have all been certified as compliant with this standard and with the ISO 14001 environmental management system.

In addition to the official certifications, Porsche also carries out internal reviews of compliance with environmental and energy legislation as part of its annual system and process audits (compliance audits). These audits are based on high standards and involve the hiring of -external environment and energy auditors. The site results method records the impact that a site has on the environment: data and key -figures are used to rate essential environmental aspects on a scale of high, medium and low relevance. On this basis, Porsche can determine all measures needed to ensure that -potential negative impacts on the environment are reduced if not eliminated altogether. The Environment and Energy steering committee carries out regular progress checks on the pre-defined goals and initiates appropriate steps. The steering committee works cross-departmentally.

Porsche strives to achieve a balanced environmental performance. Using water as efficiently as possible, through circulation systems and multiple reuse, and the careful handling of contaminated production waste water are important aspects in this regard. Avoiding waste, harnessing low-waste technologies and deploying sustainable disposal solutions are key elements of Porsche's waste management concept. The company's "environmental protection" resource regulation serves as an internal guideline and is also binding on suppliers.

Generally, environment and energy management staff are always at the disposal of company stakeholders – internal and external – to answer questions or listen to suggestions on the topic of "environment and energy". The goal is to foster open and transparent stakeholder dialogue. One example of this approach is the central complaints management system within the environment and construction -management structure. Porsche's neighbours may contact central contact persons with any complaints or suggested improvements. All -issues raised are dealt with individually. This system enables Porsche to react as quickly as possible and to incorporate suggestions into its long-term planning for the improvement of its sites.

In accordance with the Global Reporting Ini-tiative (GRI) standards, Porsche covers the topic of "energy, emissions and resource consumption during production" in the form of the -following disclosures: GRI 302: Energy, GRI 303: Water, GRI 305: Emissions, GRI 306: Effluents and Waste.



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