

# ROCHE

## Access to Healthcare: A Core Element of Sustainable Business Strategy

Founded in 1896 in Basel, Switzerland, Roche has grown into the world's largest biotechnology company and a global leader in in-vitro diagnostics. Committed to scientific innovation, Roche develops medicines and diagnostics to improve global healthcare outcomes. Roche is a pioneer in personalised healthcare, aiming to transform healthcare delivery. By collaborating with various stakeholders and leveraging its expertise in Diagnostics and Pharma along with clinical data insights, Roche strives to provide optimal care worldwide. Roche began its operations in Singapore in 1973.



### SUSTAINABILITY APPROACH: INTEGRATING SOCIETY, ENVIRONMENT, AND ECONOMY

Sustainability is integral to Roche's business strategy and is part of everyone's job at the company. Roche's holistic approach to sustainability encompasses three dimensions: Society, Environment, and Economy. The company contributes to a better society by developing new medicines and diagnostic methods that offer life-changing benefits for patients. Roche's long-term goal is to reduce its environmental impact, including a 50% reduction in the environmental impact of its operations and products from 2019-2029, and achieving net zero greenhouse gas emissions by 2050. This includes emissions from scope 1 and 2, focussing on reduction efforts rather than relying on carbon offsets. In 2023, Roche's scope 1 and 2 emissions decreased by 6.9% due to increased use of sustainable energy.

The company is also committed to phasing out Substances of Very High Concern (SVHCs) from its products and partnering with suppliers to reduce their greenhouse gas emissions and enhance the sustainability of its supply chain. Roche fosters innovation, translating science into pioneering medicines and diagnostics that aid patients, while continuing to create quality jobs that provide secure livelihoods for families and competitive returns for investors.

Roche has committed to the Science Based Targets initiative (SBTi) to achieve absolute net zero for scope 1, 2, and 3 greenhouse gas emissions. The SBTi promotes necessary climate action in the private sector by enabling organisations to set science-based emissions reduction targets. Roche also joined the Sustainable Markets Initiative (SMI) Health Systems Taskforce, launched at the 26th United Nations Climate Change Conference (COP26) in 2021, to address emissions across supply chains, patient care pathways, and clinical trials.

Roche is a founding member of the Pharmaceutical Supply Chain Initiative (PSCI), a collaboration of more than 40 pharmaceutical companies and suppliers with a shared vision to promote responsible business practices in pharmaceutical supply chains. In 2023, Roche's scope 3 emissions decreased by 7.4%.

Roche Procurement supports the company's mission by collaborating with suppliers to achieve sustainability. As of February 2023, Roche is actively collaborating with suppliers responsible for nearly 20% of its Category 1 and 2 emissions.

### Green Chemistry and Green BioPharma

Roche is committed to reducing the use of hazardous substances and collaborates actively with industry peers and organisations to promote Green Chemistry and Green BioPharma manufacturing practices.

For example, Roche launched the BenchMark ULTRA PLUS system, incorporating several innovative features based on customer feedback, including remote monitoring with a connected device, new indicator lights, a retractable work surface, new slide drawers that mitigate fluid ingress/egress, a new integrated touchscreen, and more environmentally friendly waste segregation and degradation. Sustainable packaging uses fewer raw materials and weighs less, providing a smaller carbon footprint during transportation.

## EMPOWERING EMPLOYEES FOR SUSTAINABLE PRACTICES

The Roche Corporate Sustainability Charter serves as the foundation for governance at Roche, guiding their global efforts towards sustainability. Employees worldwide are pivotal in driving these initiatives, actively participating in grassroots campaigns aimed at reducing CO<sub>2</sub> emissions from business travel, minimising packaging waste, and promoting recycling. Roche prioritises continuous education through internal training systems, ensuring all employees are equipped with the knowledge and skills for sustainable practices.

At the Roche manufacturing site in Singapore, an annual Sustainability Week engages employees with a best practice roadshow, interactive recycling workshops, and insightful talks by guest speakers. In 2023, in collaboration with Zero Waste SG, the site and offices focussed on waste reduction and recycling initiatives, reinforcing sustainability principles among its workforce. Initiatives like the Live Well event underscore Roche's commitment to physical, health, and environmental wellness. Roche hosts workshops and talks that promote sustainable practices such as food waste repurposing, eco-friendly cleaning solutions, and community tree-planting initiatives. These efforts reflect Roche's dedication to empowering employees and fostering sustainable practices across its global operations.

## ADVANCING 'ACCESS TO HEALTHCARE'

Access to healthcare is a core element of Roche's sustainable business strategy. Roche has long supported Universal Health Coverage (UHC), a key component of the United Nations Sustainable Development Goals (SDGs). The company works at the global, regional, and local levels, collaborating with multiple stakeholders to address the care gap, from screening programmes to healthcare workforce capacity building and beyond. Innovation remains at the heart of Roche. Over the past ten years, Roche has brought more than 20 new medicines to patients. Today, Roche is a leader not only in cancer treatments but also in neuroscience, ophthalmology, and haemo-

philia A. Roche is also the market leader in in-vitro diagnostics, with a growing portfolio of more than 500 diagnostic assays on over 100,000 instruments worldwide, delivering breakthrough innovations with the greatest possible patient and market impact.

Throughout the COVID-19 pandemic, Roche facilitated access to more than 1.5 billion tests, demonstrating its proactive role in global healthcare provision. Roche maintains a rigorous Product Stewardship Programme focussed on enhancing the societal value of its products from inception through to end-of-life, while minimising negative impacts on both people and the environment.

## Efforts in Healthcare Digitalisation

Roche has made significant strides in enhancing and expanding its efforts in healthcare digitalisation, focussing on lab insights, clinical workflow optimisation, clinical decision support, and patient monitoring. These initiatives primarily target laboratories, healthcare providers, and patients.

For instance, Roche's Navify digital solutions securely integrate data across care settings, connecting the healthcare community and accelerating access to innovation and insights. The Navify approach emphasises open digital ecosystems to address interoperability and enable a patient-centric model rather than a disease-centred approach.

## SOCIAL INITIATIVES: LEADING WITH IMPACT

Roche has been named one of the most sustainable companies in the pharmaceuticals industry by the Dow Jones Sustainability Indices for the thirteenth consecutive year. In 2021, Roche made a significant social impact: 16.4 million patients treated, 27 billion tests conducted, 80 new molecular entities in clinical development, and 44% of management positions held by women.

Globally, Roche holds an annual "Children's Walk" to raise funds for children in need. In 2024, the company hosted the 21st Roche Children's Walk. This employee-driven event supports projects through the inde-

pendent global charity Roche Employee Action and Charity Trust (Re&Act), benefiting local projects in the 75 countries where Roche operates and beyond. Over the years, more than 315,000 Roche employees have participated, raising over CHF 23 million for children in need. In 2024, employees from Roche and Chugai in Singapore collaborated to organise a combined Children's Walk. Local beneficiaries included Club Rainbow and the Children's Cancer Foundation. All funds raised were directed towards initiatives focussing on education, nutrition, primary healthcare, and social development for children.

## Roche's Sustainability Efforts in Singapore

At Roche's manufacturing plant in Singapore, the site has partnered with Sembcorp to install solar panels, providing green energy equivalent to 15% of the site's total electricity consumption. The goal is to achieve 100% green electricity usage by 2025. The site has implemented the Heat Recovery Wheel project, resulting in annual energy savings of approximately 75MWh.

Another notable project involves utilising silica gel technology to capture wasted heat from exhaust air, which is then used to pre-cool outdoor hot air with minimal energy consumption.

Roche Singapore prioritises sustainability by adhering to Roche's K6 directive, which minimises the use of refrigerants with Ozone Depletion Potential (ODP) in equipment such as refrigerators and water dispensers.

Additional sustainability measures include the installation of programmed timers for light switches, waste segregation, and a robust reduce, reuse, and recycle policy throughout the offices. Roche Singapore has also eliminated single-use plastic bottles and paper cups, partnered with e-waste vendors for responsible disposal, and prioritised the reuse of existing furniture during office renovations. The site's commitment to sustainability is further underscored by its preference for Green Mark Buildings (BCA) in site locations, reflecting Roche's dedication to environmentally friendly building practices.



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