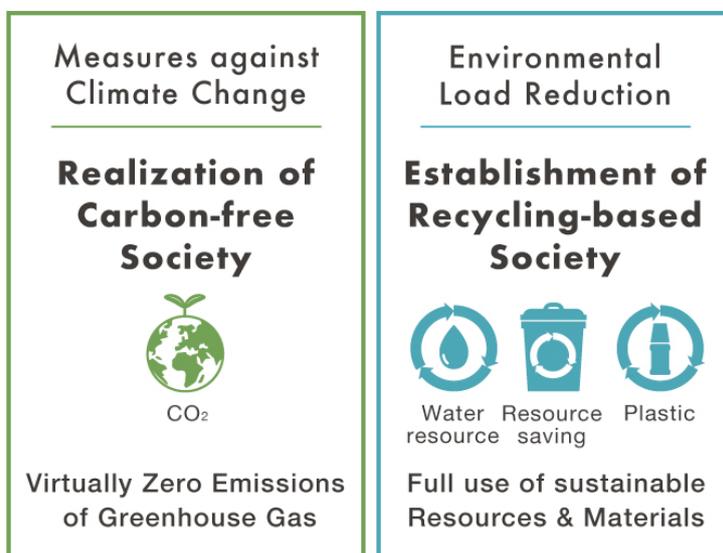


Santen Establishes “Santen Vision for the Earth 2050” Setting Environmental Targets for 2030, Including CO₂ Emissions Reduction Targets

May 18, 2021, Osaka, Japan - Santen Pharmaceutical Co., Ltd. (Head office in Osaka; hereinafter “Santen”) has established “Santen Vision for the Earth 2050” to fulfill its social responsibilities and strengthen the business foundation for its sustainable growth, with full recognition of conserving the global environment as one of the most important challenges. Under the vision, Santen will make a full commitment to the following two areas in all countries and regions of its operation. The first commitment area is “Measures against Climate Change”, which are aimed at the achievement of carbon neutrality toward the Realization of a Carbon-free Society mainly through technological innovation toward an energy shift and thorough reuse and highly efficient use of resources at plants and other facilities. The second commitment area is “Environmental Load Reduction”, which is aimed at the Establishment of a Recycling-based Society mainly through the full utilization of sustainable resources and materials based on technological innovation for all products.

Santen Vision for the Earth 2050

Happiness with Vision, Happiness with the Earth



Environmental targets for 2030 to achieve “Santen Vision for the Earth 2050”

Theme	Targets
Measures against Climate Change	<ul style="list-style-type: none"> ● <u>Contribution to a carbon-free society</u> <ul style="list-style-type: none"> • 100% shift of company-owned vehicles to electric vehicles

	<p>(HVs, PHVs, EVs, and FCVs) by 2025</p> <ul style="list-style-type: none"> • 100% shift of power used at plants and laboratories in Japan to renewable energy-based power by 2023 • Facilitating wider use of transportation means with low environmental loads, including railroads, for commuting and business trips, and encouraging remote work and meetings • Promoting the initiative through engagement of major suppliers (in CO₂ emissions reduction) <p>● <u>Targets</u></p> <ul style="list-style-type: none"> • Scope 1 and 2 emissions*¹: 50% reduction by 2030 versus 2019 (submitted for the SBTi's² official validation as a target set in line with the Paris Agreement's³ 1.5°C target for 2050) • Scope 3 Category 1 emissions*¹ (non-consolidated): 15% reduction by 2030 versus 2019 (submitted for the SBTi's official validation as a target set in line with the Paris Agreement's 2°C target for 2050)
Environmental Load Reduction	<p>Measures for water resource and resource saving</p> <p>● <u>Conservation of limited resources, including water as the life of eye drops</u></p> <ul style="list-style-type: none"> • Effectively utilizing resources through measures such as continuous reuse of water resources • Promoting the conversion of waste into valuables and waste recycling by continuing to completely separate waste by type • Ensuring the sharing and upscaling of good practices among operational bases <p>● <u>Targets</u></p> <ul style="list-style-type: none"> • 12.4 m³/10,000 bottles of water consumption or less per unit of production • 98% or higher recycling rate
	<p>Measures against plastic</p> <p>● <u>Reduce and shift from plastic, and become plastic-free</u></p> <ul style="list-style-type: none"> • Reducing plastic consumption • Shifting from plastic to paper, biomass plastic and other new sustainable materials • Developing new sustainable materials through innovation toward solutions to technological challenges and the challenge of ensuring stable procurement <p>● <u>Targets</u></p> <ul style="list-style-type: none"> • 60% of plastic eye drop containers being produced from bioplastic in 2030 • 15% reduction in plastic used for wrapping and package by 2030 versus 2019

* 1. Scope 1 emissions: Direct GHG emissions from sources owned or controlled by a company (fuel combustion and industrial processes)

Scope 2 emissions: Indirect GHG emissions from the generation of purchased energy, such as electricity, heat, and steam

Scope 3 Category 1 emissions: Scope 3 emissions denote indirect GHG emissions, other than Scope 1 and 2 emissions, resulting from a company's value chain activities, which are not owned or controlled by the company. Among them, Category 1 emissions are emissions from all purchased goods and services.

* 2. SBTi (Science Based Targets initiative): A joint initiative to encourage companies to set and achieve science-based targets for GHG emissions reduction in line with the Paris Agreement

* 3. Paris Agreement: An agreement within the United Nations Framework Convention on Climate Change, which has set the target of holding the increase in the global average temperature to well below 2°C above pre-industrial levels, and pursuing efforts to limit the temperature increase to 1.5°C above pre-industrial levels

It was adopted by 196 parties at COP 21 in Paris, on December 12, 2015, and entered into force on November 4, 2016.

About Santen

As a specialized company dedicated to ophthalmology, Santen carries out research, development, marketing, and sales of pharmaceuticals, over-the-counter products, and medical devices, and its products now reach patients in over 60 countries.

Toward realizing "WORLD VISION" (Happiness with Vision), the world Santen ultimately aspires to achieve, as a "Social Innovator", we aim to reduce the social and economic opportunity loss of people around the world caused by eye diseases and defects by orchestrating and mobilizing key technologies and players around the world.

With scientific knowledge and organizational capabilities nurtured over a 130-year history, Santen provides products and services to contribute to the well-being of patients, their loved ones and consequently to society. For more information, please visit Santen's website (www.santen.com).

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