

Appendix: History of the Ricoh Group environment management activities

The Ricoh Group has been promoting activities to realize a zero-carbon society, circular economy, and conserve biodiversity through environmental management over many years.

		Contributing Areas		
		Zero-Carbon Society	Circular Economy	Conservation of biodiversity
1976	• Establishes the Environmental Promotion Section	●	●	●
1992	• Establishes "Ricoch Group Environmental Principles"	●	●	●
1993	• Formulates "Recycling Design Policy"		●	
1994	• Establishes "Comet Circle", the concept of a circular economy	●	●	
1997	• Launches remanufactured products for the first time		●	
1998	• Advocates a concept of "Environmental Sustainability Management"	●	●	●
	• Establishes the Environmental Action Plan		●	
	• Development of returnable eco-packaging		●	
1999	• Begins the Forest Eco-system Conservation Project			●
2001	• Achieves zero waste factory at the Ricoh Group global main production sites		●	
2002	• Establishes "Three Ps Balance" as a concept of a sustainable society		●	
	• Signs the United Nations Global Compact	●	●	●
2003	• Establishes a CSR Office under the president's direct control	●	●	●
2006	• Sets the long-term environmental vision for 2050	●	●	●
	• Starts of on-site confirmation program for waste disposal contractors		●	
2008	• Participates in the Japan Business Initiative for Biodiversity (JBIB) as a founding member			●
2009	• Sets medium-term environmental impact reduction goals	●	●	●
	• Participates in the Japan Climate Leaders' Partnership as a founding member	●		
	• Releases Ricoh's first remanufactured digital color multifunction printers		●	
	• Establishes and publishes the Ricoh Group Biodiversity Policy			●
2010	• Establishes the Regulations for Ricoh Group products made of wood			●
	• Begins to understand its impact on the eco-system through a "Map of Relationships between businesses and biodiversity"			●
2012	• Announces its support for The Carbon Price Communique to counter climate change	●		
	• Adoption of electric furnace steel plate made from 100% recycled steel scraps		●	
2014	• Launches silicone-top linerless labels		●	
2015	• Signs a contract to become an official partner of COP21	●	●	
2016	• Opens Ricoh Eco Business Development Center	●	●	●
2017	• Sets The Ricoh Group Environmental Goals for 2030/2050	●	●	
	• Becomes the first Japanese company to join RE100		●	
	• Ricoh Group decarbonization goals obtain "2.0 degree" approval by the Science Based Targets initiative (SBTi)	●	●	
2018	• Establishes the ESG Committee	●	●	●
	• Commits to recommendations of TCFD	●	●	

		Contributing Areas		
		Zero-Carbon Society	Circular Economy	Conservation of biodiversity
2019	• Establishes the Risk Management Committee	●	●	●
	• Discloses information in accordance with the TCFD Framework • Implementation of 100% renewable energy at A3 MFP production sites worldwide	●	●	
2020	• Revises the 2030 target in Scopes 1 and 2 to a 63% reduction (relative to 2015) and obtains SBTi 1.5°C certification	●	●	
	• Sets ESG targets to "Reduce GHG emissions" in line with its management strategy, and links this to executive compensation • Endorses the "Business Ambition for the 1.5°C" campaign • Declares endorsement of "Uniting Business and Governments to Recover Better" • Endorses the "Race to Zero" campaign	●		
	• Establishes a Plastic Policy for products and packaging materials • Revises medium- to long-term environmental impact reduction targets (sets target of virgin material usage rate)		●	
	• Begins the One Million Trees Project *Begins tree planting projects based on number of MFPs sold (Indonesia and the Philippines)			●
2021	• Revises 2030 target to 40% reduction in Scope 3 (compared to 2015) and 50% renewable energy usage ratio • Introduces of a comprehensive evaluation system for renewable energy	●	●	
	• "TCFD related information" was initially published in the Securities Report-statutory disclosure document • Publishes the first TCFD Report on decarbonization activities (September)	●		
2022	• Selected as one of the Top 200 Asia-Pacific Climate Leaders 2022 • Signs a Mizuho Eco Finance climate change response operations loan agreement with Mizuho Bank and Bank of Japan	●		
	• Issues a Circular Economy Report based on Ministry of the Environment and the Ministry of Economy, Trade and Industry (METI)-issued Disclosure for Effective Dialogue Guidance (First Japanese company*)		●	
	• Launches the Global Paper Procurement Project toward zero deforestation			●
2023	• Selected as "Excellent TCFD Disclosure" by GPIF's external asset managers for the second consecutive year	●		
	• Released an A3 color MFP with the industry's highest level of plastic recycling material integration		●	
2024	• Establishes a Paper Procurement Policy (paper/supplier standards) • Obtains Ministry of the Environment 30 by 30 natural symbiosis site certification (Ricoch Ena Forest Projects, Ricoh Eco Business Development Center)			●
	• Recognized with double 'A' score for climate action and water security leadership in CDP A List	●	●	
	• Revises Ricoh Group decarbonization goals, to have Scopes 1 & 2 GHG emissions at net zero by 2040, and to further strengthen measures to reduce Scope 3 emissions	●		
	• Commits to recommendations of TNFD • Joins the Keidanren Biodiversity Initiative • Revises the Ricoh Group Biodiversity Policy			●

*Ricoch research.

Appendix: ESG Index Inclusion and Recognition

The Ricoh Group has earned regard externally for its environmental, social, and governance (ESG) initiatives. We have been included in ESG indexes in and out of Japan (as of September 2024).

Dow Jones Sustainability Indices Members of World / Asia Pacific Index



Sustainability Yearbook



Global 100 Most Sustainable Corporations



CDP Climate / Supplier Engagement / Water



GPIF's ESG Indices

S&P / JPX Carbon Efficient



GPIF's ESG Indices

FTSE Blossom Japan Index / FTSE Blossom Japan Sector Relative Index



FTSE Blossom Japan



FTSE Blossom Japan Sector Relative Index

<https://www.ftserussell.com/products/indices/blossom-japan>

GPIF's ESG Indices

MSCI NihonKabu ESG Select Leaders Index^{*2}

2024 CONSTITUENT MSCI NIHONKABU ESG SELECT LEADERS INDEX

GPIF's ESG Indices

Morningstar Japan ex-REIT Gender Diversity Tilt Index

GPIF's ESG Indices

MSCI Japan Empowering Women Index (WIN)^{*2}

2024 CONSTITUENT MSCI JAPAN EMPOWERING WOMEN INDEX (WIN)

EcoVadis



MSCI ESG Ratings^{*1} / ESG Leaders^{*2}



<https://www.msci.com/sustainable-investing/esg-ratings>

FTSE4Good Index Series



FTSE4Good

<https://www.ftserussell.com/products/indices/ftse4good>

ISS ESG Corporate Rating



A five-star rating in the Fifth Nikkei SDGs Management Survey



GPIF's ESG Indices

ESG indices adopted by the Government Pension Investment Fund (GPIF) in Japan, one of the world's largest pension fund management organizations. Ricoh has been selected as a constituent of all six ESG indices covering Japanese equities.

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