TOYOBO
Beyond Horizons

TOYOBO CO.,LTD.
Head Office
Osaka Umeda Twin Towers South,
1-13-1 Umeda, Kita-ku, Osaka 530-0001, Japan

December 26, 2025

Toyobo selected for CDP's 2025 "A List" in both "Climate Change" and "Water Security" for the first time

Toyobo Co., Ltd. has been awarded the highest rating of A List in the 2025 survey by CDP, an international environmental disclosure platform, for two critical areas: "Climate Change" and "Water Security." This is the first time that Toyobo has received an A List rating in multiple categories in the same year. These ratings recognize Toyobo Group's significant achievements in reducing greenhouse gas (GHG) emissions and managing water resources, along with its high degree of transparency in information disclosure.

Toyobo has been recognized with the highest A list rating in the areas of "Climate Change" and "Water Security" in the CDP 2025 survey.

CDP is a global non-profit organization that scores the environmental activities of companies, cities, states, and other entities. It is one of the most authoritative rating agencies, and its scores significantly influence the decision-making processes of investors and companies. Each year, CDP selects companies that achieve outstanding results in three critical areas: Climate Change, Water Security, and Forests for its A List.

CDP is widely recognized for establishing global standards to evaluate corporate environmental activities. Its survey aligns with international frameworks and standards related to the environment, including the Task Force on Climate-Related Financial Disclosures (TCFD) and the International Financial Reporting Standards (IFRS). In the CDP 2024 survey, only 515 companies - just two percent of more than 20,000 scored- were selected for the A List[*1].

In 2023, Toyobo renovated its privately owned power plant at the Iwakuni Production Center, leading to a reduction of more than 40 percent in annual GHG emissions at the site[*2]. Additionally, the company has contributed to a stable supply of freshwater, alleviating water shortages in Gulf countries for many years. It achieved this by providing hollow-fiber reverse osmosis (RO) membranes, which it developed in the 1970s, to desalination plants that convert seawater into freshwater. These efforts to address environmental challenges both domestically and internationally, along with active disclosure of environmental data, resulted in Toyobo's selection for the A List by CDP.

As part of its Sustainable Vision 2030[*3], the Group is committed to achieving carbon neutrality in 2050. As climate change countermeasures, it is focusing on transitioning to more eco-friendly fuel alternatives at its privately owned power generation facilities and on increasing the use of renewable energy at its production centers and plants in Japan and overseas. In addition, it will actively market equipment designed to recover volatile organic compounds (VOCs) for lithium-ion battery (LIB) separator plants and other factories and will supply a wide range of renewable energy-related components, thereby helping reduce GHG emissions throughout society.

Regarding water security, the Group aims to promote the sale of RO membranes to secure a supply of drinking water for 10 million people by the fiscal year ending March 2031.

Through these business initiatives addressing societal challenges, the Group is dedicated to sustainable growth while continuing to develop solutions needed by both people and the earth.

*1: CDP press release dated April 17, 2025: https://www.cdp.net/en/press-releases/cdp-a-list-2024

*2: Toyobo press release dated October 12, 2023 (Japanese only): https://www.toyobo.co.jp/news/2023/release_1538.html

*3: Toyobo's Sustainable Vision 2030 https://www.toyobo-global.com/sustainability/group_sustainability/vision/

■Examples of Toyobo Group's products and initiatives to combat climate change and ensure water security

KAMISHINE NEO® release film for label mounting

HOLLOSEP® hollow-fiber brine concentration (BC) membrane

VOC recovery equipment

Privately owned thermal power plant at the Iwakuni Production Center, which has transitioned to more eco-friendly fuels

Resource Recycling Project

The Resource Recycling Project aims to promote the horizontal recycling of label mounts through the use of KAMISHINE NEO®, a polyester-based synthetic paper developed by Toyobo. Six companies from various sectors*, including Toyobo, have collaborated to prevent the disposal of label mounts after labels are adhered to products during the manufacturing of beverages, everyday items, pharmaceuticals, and other goods. In 2025, the project received the Silver Award in the Special Award-Sustainability Category at the WorldStar Global Packaging Awards, organized by the World Packaging Organization (WPO).

*As of December 26, 2025: NEION Film Coatings Corp. (Headquartered in Higashiosaka, Osaka Prefecture and Chiyoda-ku, Tokyo, and headed by President & CEO Kanzo Shimizu); Shionogi Pharma Co., Ltd. (Headquartered in Settsu, Osaka Prefecture, and headed by President Yasuyoshi Iso); TOPPAN Infomedia Inc. (Headquartered in Minato-ku, Tokyo, and headed by President and Representative Director Masafumi Hori); Mitsui Bussan Chemicals Co., Ltd. (Headquartered in Chiyoda-ku, Tokyo, and headed by President Sunao Hatta); and Yamato Box Charter Co., Ltd. (Headquartered in Chuo-ku, Tokyo and headed by Toshihiko Hiratsuka).

HOLLOSEP® hollow-fiber brine concentration (BC) membrane

The HOLLOSEP® BC membrane is a membrane separation module manufactured and sold by TOYOBO MC Corporation (headquartered in Kita-ku, Osaka, and headed by President and Representative Director, CEO Chikao Morishige). This product was developed using RO membrane technology, originally designed for desalinating seawater. In 2024, it was adopted by a major Chinese battery recycling company to recover lithium from spent LIBs. TOYOBO MC is committed to advancing research and development and expanding sales to recover valuable resources, to reduce industrial wastewater, and to achieve a goal of eliminating wastewater altogether.

VOC recovery apparatus with activated carbon fiber K-FILTER®

The equipment removes VOCs present in exhaust gases released from factories and other sites, using less energy while collecting them as high-purity organic solvents. The activated carbon fiber K-FILTER®, introduced to the market by then Toyobo in 1974 as the world's first product of its kind for industrial use, effectively absorbs VOCs. The VOC recovery apparatus has been adopted in various facilities, including those for LIB separators, pharmaceuticals, and printing, contributing to reductions in GHG emissions by decreasing VOC emissions. TOYOBO MC has sold over 1,700 units of VOC treatment equipment, including the VOC recovery apparatus, both in Japan and internationally.

Fuel transition at privately owned thermal power plant at Iwakuni Production Center

In 2023, Toyobo renovated its privately owned thermal power plant at the Iwakuni Production Center in Iwakuni, Yamaguchi Prefecture. The plant transitioned to more eco-friendly fuels for power generation, including liquefied natural gas (LNG) and refuse-derived paper and plastic densified fuel (RPF), primarily made from wastepaper and plastics. This fuel switch resulted in an annual reduction of over 80,000 tons of GHG emissions, representing more than 40 percent of the emissions prior to the renovation*.

*The GHG emissions are calculated based on adjusted figures in accordance with the Act on Promotion of Global Warming Countermeasures and are compared to those for the year ending in March 2023.

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For more information, contact:
Public Relations Group, Corporate Communication Department, Toyobo Co., Ltd.
E-mail：pr_g@toyobo.jp