

Progress on Environment Targets

[Progress on Climate Change Targets](#)

Category	Target	Progress in 2024
Climate Change ¹	<ul style="list-style-type: none"> Phase I (2020-2025): Mengniu focuses on Scope 1 and Scope 2 carbon emissions reduction, and explores and deploys Scope 3 carbon emissions reduction measures to lay a solid foundation for carbon peaking; In 2025, the GHG emissions intensity of a single ton of dairy products should be within 165kgCO₂e/t. Phase II (2026-2030): In line with the Group's phase I strategic planning and industrial structure adjustment, Mengniu continues to promote the reduction of Scope 1 and Scope 2 carbon emissions, and deepen the implementation of the Scope 3 carbon emissions reduction measures. In 2030, the absolute value of the scope 1 and 2 carbon emissions reaches the peak, and the GHG emissions intensity of a single ton of dairy products should be within 160kgCO₂e/t. Phase III (2031-2050): With the target of carbon neutrality, Mengniu maintains the GHG emissions reduction measures and achievements in Scope 1 and 2, and promotes comprehensive carbon emissions reduction in Scope 3. The proportion of renewable clean energy increases and the product carbon footprint decreases year by year. In 2050, Mengniu achieves carbon neutrality in Scope 1, 2 and 3. 	<ul style="list-style-type: none"> In 2024, the GHG emissions per ton of dairy products reached 163.81kgCO₂e/t, achieving its 2025 carbon reduction target ahead of schedule. Mengniu has conducted carbon inventory on 100% core raw milk suppliers and collected and evaluated the carbon emissions and intensity generated by these suppliers in their production and operation processes. Mengniu is engaged in the construction and transformation of green dairy ranches, driving the low-carbon transition of partner ranches through five key measures: improving energy efficiency, optimizing manure management, enhancing herd management, adjusting feed composition, and implementing ecological carbon sequestration projects. A total of 173 carbon reduction measures were implemented in ranches, reducing carbon dioxide emissions by approximately 138,000 tons.

¹ Climate-related targets are calculated in carbon dioxide equivalent (CO₂e), including greenhouse gases such as carbon dioxide, methane, and hydrofluoric-carbons, etc.

[Progress on Forest Conservation Targets](#)

Category	Target	Progress in 2024
Forest Conservation	<ul style="list-style-type: none"> By 2030, Mengniu aims to eliminate deforestation risk associated with timber products, soy products, and palm oil in its supply chain. 	<ul style="list-style-type: none"> In product packaging, Mengniu prioritizes wood products with sustainable forestry certifications such as FSC, PEFC, and CFCC, while actively utilizing recycled wood products. In 2024, 89.37% of Mengniu's product inner packaging paper was sourced from sustainable forestry certification, and all outer packaging cartons were made from recycled paper. In palm oil supply chain management, Mengniu has joined the RSPO initiative and worked with the Earthworm Foundation on the traceability and deforestation risk assessment of palm oil for Mengniu's main business in mainland China. The palm oil purchased by Mengniu originated from Malaysia and Indonesia, of which 100% can be traced back to the refinery (TTR), 91.53% can be traced back to the palm oil mill (TTM) and 79.11% can be traced back to the plantation (TTP). In 2024, all of Mengniu's palm oil suppliers hold RSPO certification, and all palm oil purchased by Mengniu's Bellamy's brand was RSPO IP certified. In the soybean reduction initiative, Mengniu conducted traceability work for soybean origins, continuously standardize the entry criteria for soybean meal suppliers, and encouraged partner farms to phase out their reliance on soybean meal. Mengniu implemented soymeal reduction and substitution measures for 230,000 tons, low-risk procurement for 220,000 tons, and certified procurement for 51,000 tons.

[Progress on Water Resource Utilisation Targets](#)

Category	Target	Progress in 2024
Operation sites water utilisation goals	<ul style="list-style-type: none"> By 2030, increasing water recycling rate by 5% compared to 2023. By 2030, reducing water withdrawal per ton of product by 10% compared to 2023. 	<ul style="list-style-type: none"> In 2024, water withdrawal per ton of product decreased by 5% compared to 2023.
Supply chain water utilisation goals	<ul style="list-style-type: none"> Core raw milk suppliers plan to reduce water intensity per unit of raw milk production by 10% by 2030, using 2022 as the baseline. 	<ul style="list-style-type: none"> Sustain the baseline year's performance.

[Progress on Green Packaging Targets](#)

Category	Target	Progress in 2024
Eliminating environmentally unfriendly plastics	<ul style="list-style-type: none"> By 2025, completely eliminating the use of PVC and EPS in product packaging. 	<ul style="list-style-type: none"> In 2024, the use of PVC materials was reduced by 28% compared to 2023, and the use of EPS materials was reduced by 37%.
Reducing fossil-based virgin plastics	<ul style="list-style-type: none"> Conducting research on lightweight packaging and bio-based materials, aiming to cumulatively reduce the use of fossil-based virgin plastics by 35,000 tons by 2030, with 2020 as a baseline. 	<ul style="list-style-type: none"> In 2024, Mengniu's various plastic reduction projects achieved a reduction of over 6,100 tons of fossil-based virgin plastic.
Use of recycled materials	<ul style="list-style-type: none"> Conducting research on the application of post-consumer recycled (PCR) and post-industrial recycled (PIR) plastics, aiming to use recycled plastics in 20% of plastic packaging products by 2035. 	<ul style="list-style-type: none"> In 2024, Mengniu increased the percentage of packaging weight containing recycled plastic to 0.95% of the total plastic packaging weight. In 2024, the share of recycled plastic materials in the total weight of plastic materials in Mengniu was 0.06%.
Application of recyclable/ biodegradable materials in packaging	<ul style="list-style-type: none"> Developing mono-material composite films, low-additive technologies, and biodegradable materials, aiming to achieve 100% recyclable, reusable, or biodegradable packaging by 2035. 	<ul style="list-style-type: none"> In 2024, Mengniu increased the percentage of recyclable packaging materials to 98.91% of the total packaging material weight.
End-of-package recycling of products	<ul style="list-style-type: none"> Actively participating in and support national and association-led packaging recycling initiatives through recycling labels and industry chain collaboration, contributing to the industry's goal of achieving a 40% recycling rate for paper-based composite packaging and over 90% recycling rate for PET bottles by 2025. 	<ul style="list-style-type: none"> In 2024, Mengniu collaborated with circular economy industry partners to carry out recycling activities covering 27 cities in China, recycling approximately 20 tons of dairy packaging. In 2024, 17 Mengniu packaging formats received easy-to-recycle and easy-to-regenerate certification, which helps to improve the recycling rate of various packaging forms, such as Prepacks and prepackaged cups.