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# Sustainability Long-term Vision and Sustainability Medium-term Plan

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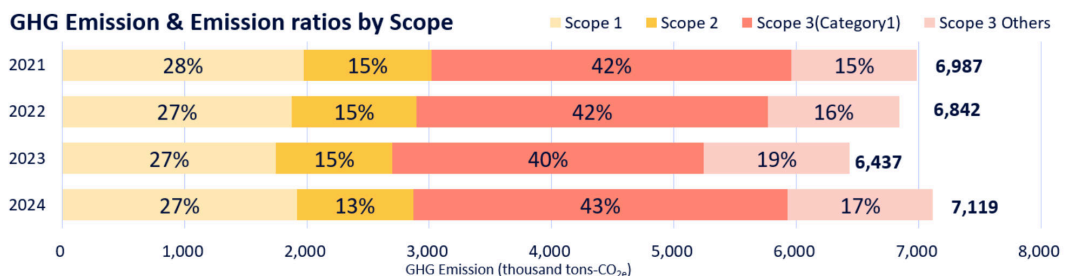
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Setting New Goals for GHG Emission Reduction  
Emissions by Scope and Category

## Setting New Goals for GHG Emission Reduction

The Kuraray Group recognizes climate change countermeasures as one of the priority measures and aims to achieve carbon net zero by 2050. The total GHG emissions of the Kuraray Group, including its supply chain, amounted to 7,119 thousand tons-CO<sub>2e</sub> in 2024.

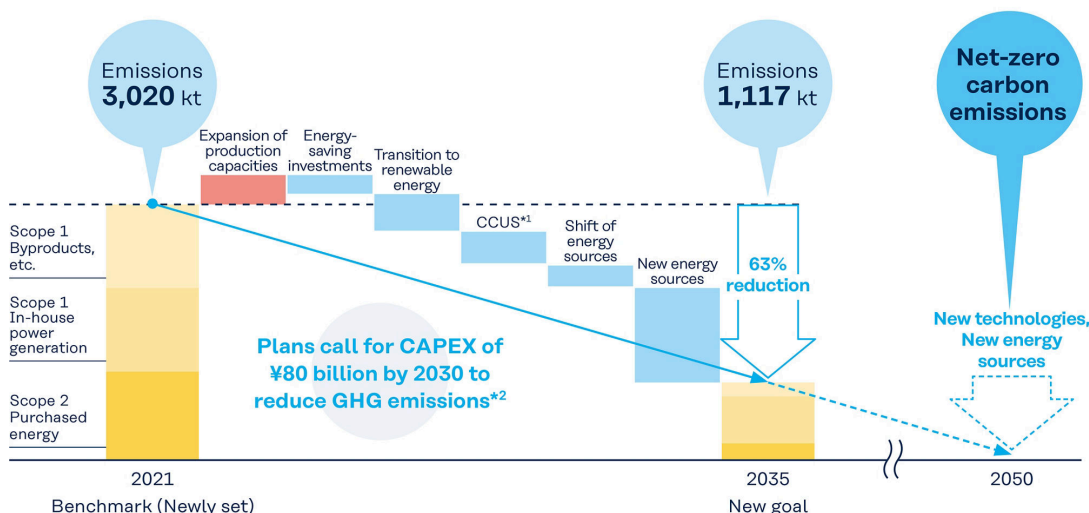


Regarding the reduction goal for Scope 1, 2 emissions, there are projects to develop clean energy sources such as green hydrogen and green ammonia near Kuraray Group's overseas production sites. Considering the possibility that clean energy supply capacity will be in place around 2035, we have set a new goal for Scope 1, 2 emission reductions for the goal year of 2035. Additionally, in terms of reducing GHG emissions, it is becoming increasingly important to work towards decarbonization across the entire supply chain related to our business activities. Therefore, the Kuraray Group has also set a new goal for Scope 3 emissions.

## GHG Emission Reduction (Scope 1, 2)

The Kuraray Group has set a new roadmap and goal to reduce Scope 1, 2 emissions by 63% by 2035 compared to 2021 levels. We are steadily implementing reduction measures that can be carried out internally, and we are also working with our utility suppliers to explore the transition of the fuels we use to clean new energy sources. Our aim is to achieve this new goal.

## Roadmap towards net-zero carbon emissions in 2050



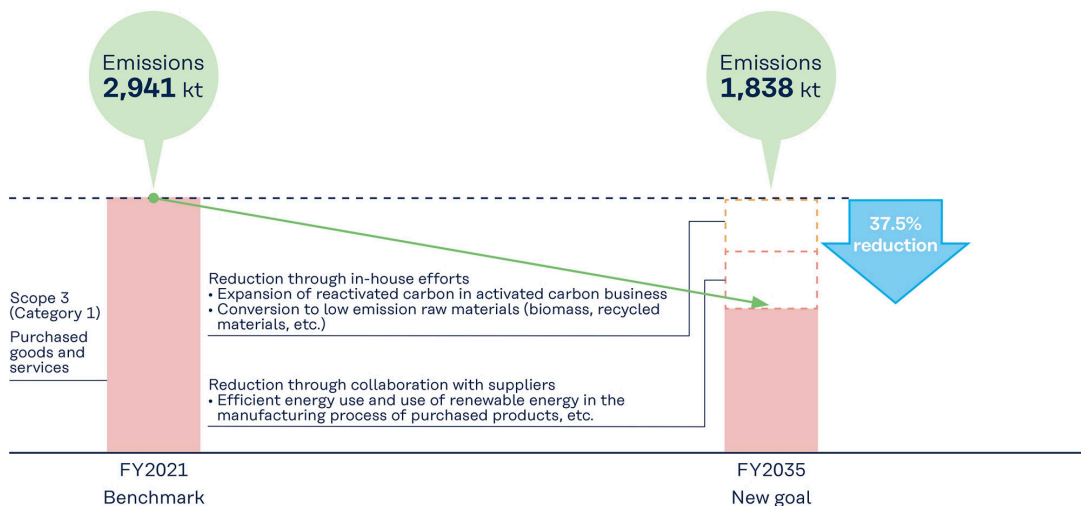
\*1 Carbon dioxide Capture, Utilization, and Storage: An initiative to utilize or store CO<sub>2</sub> separated from exhaust gas from industrial facilities.

\*2 ¥22 billion to be invested in energy-saving investment and fuel conversion by 2026, ¥58 billion planned for CCUS and fuel conversion by 2030

## GHG Emission Reduction from the Supply Chain (Scope 3)

In 2024, we calculated the Scope 3 emissions for the entire Kuraray Group (details are shown in the table below). Through the calculation, we identified that the primary source of emissions is from "Purchased Goods and Services" (Scope 3 Category 1). Consequently, we have set a new goal to reduce Scope 3 (Category 1) emissions by 37.5% by 2035 compared to 2021 levels. To achieve this goal, we are working on transitioning to raw materials with lower GHG emissions, such as biomass and recycled materials, and expanding the use of carbon reactivated in our activated carbon business. Additionally, we aim to achieve our reduction new goal through dialogue and collaboration with our suppliers.

### Scope 3 (Category 1) GHG emission reduction roadmap



Furthermore, the Kuraray Group aims to obtain SBT\* certification for the newly set GHG emission reduction goals for Scope 1, 2 and for Scope 3.

\* SBT (Science Based Targets): Voluntary targets set by business corporations with regards to GHG emission reductions in a manner consistent with the levels required by the Paris Agreement. The SBT certification ensures that the company's targets are scientifically based and aligned with the goals of the Paris Agreement.

Here is the detailed information about GHG Emissions by Scope and Category and the initiatives for reducing GHG emissions.

> [Planet Global Warming Prevention / GHG Emissions and Reduction Measures](#)