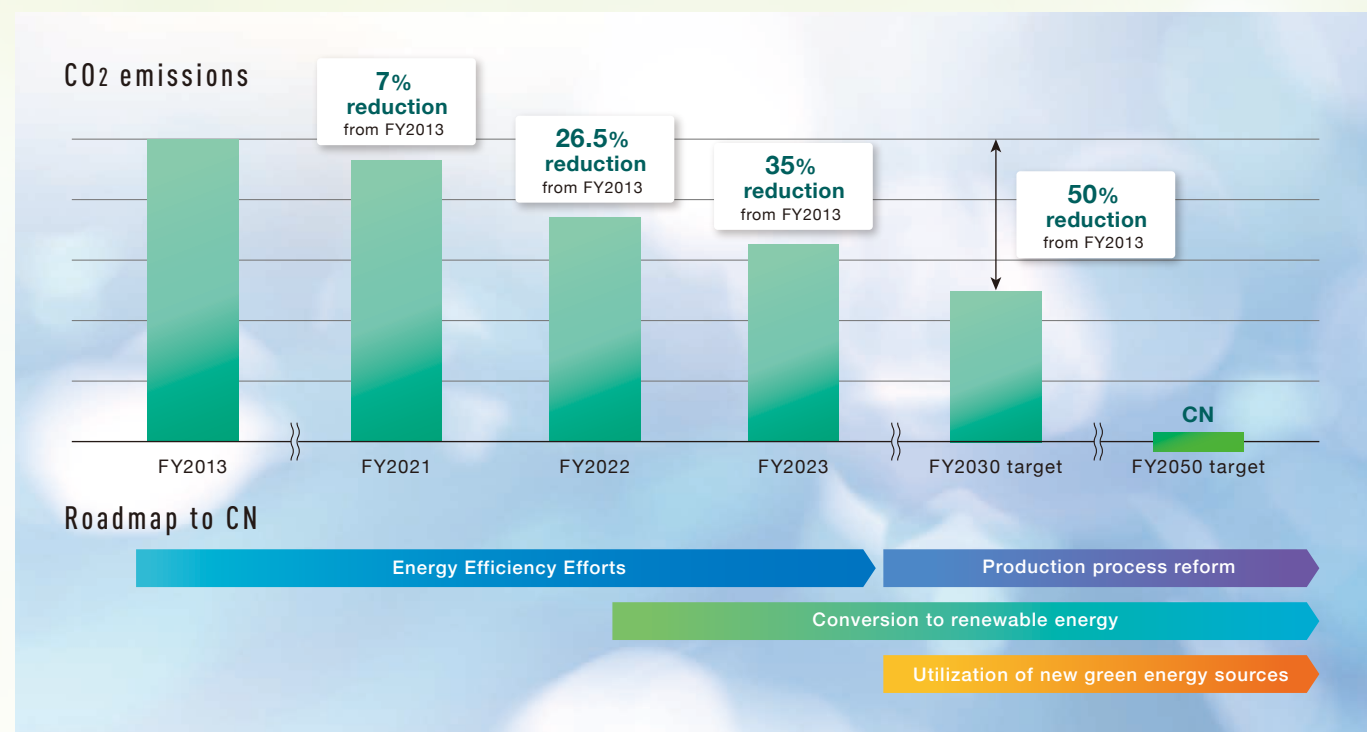




The Challenge of Going Carbon Neutrality

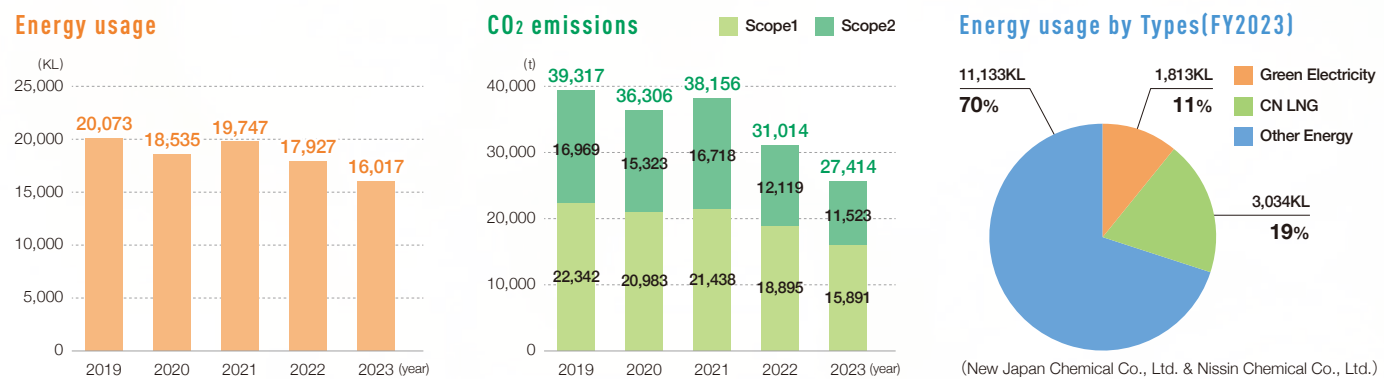
As a company that conducts business using petrochemical resources, we recognize that it is a very important responsibility to go CN (Carbon Neutrality). We have set a goal of reducing CO2 emissions from our domestic business sites by 50% from the FY2013 level by FY2030, and achieving CN by FY2050.



To achieve our goals, we are promoting energy-saving activities such as fuel efficiency improvement and conversion to renewable energy as well as approaching a low-carbon society through our business.

Promoting Energy Conservation

NJC's factories promote the reduction of fuel and electricity usage. At each of our plants, we are reviewing our past energy-saving activities and striving to improve fuel efficiency. Specifically, this includes achieving a fundamental understanding of fuel usage of by equipment and thereby eliminating waste.



Procurement of renewable energy

We are promoting the procurement of renewable energy sources for electricity and gas used in our manufacturing processes. We are aiming to achieve a 100% renewable energy for electricity by FY2030.

Procurement performance of renewable energy					
Plants	Kyoto Plant	Tokushima Plant	Kawasaki Plant	Kyoto R&D Center	Nissin Chemical Co., Ltd.
Green Electricity	✓			✓	✓
CN gas	✓	✓			

*Kawasaki Plant and Kyoto R&D Center do not use gas.

Sustainable Raw Material Procurement through RSPO Certified Oil

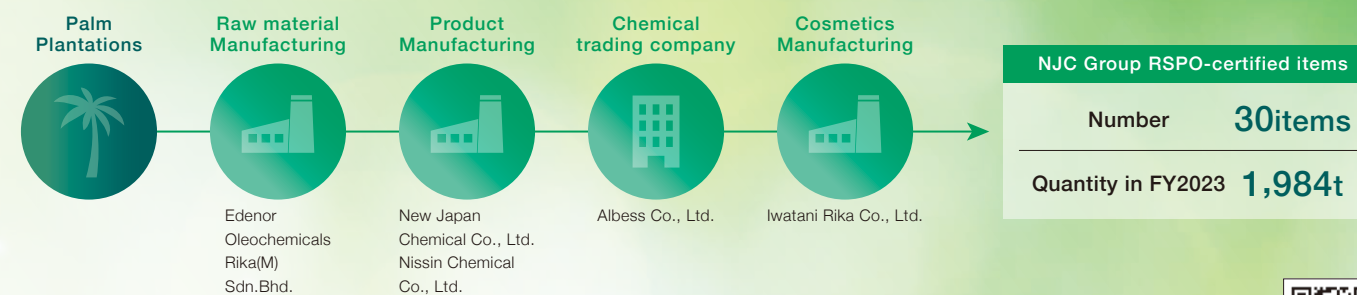
We work closely with our suppliers and our CSR policy outlines how we conduct our responsible procurement activities.

Palm oil and palm kernel oil, one of our main raw materials, are the most commonly used vegetable oils in the world for food, cosmetics, detergents, fuel, and other applications because they have high yield per unit area and low cost compared to other vegetable oils and fats. As a result, the plantations are expanding due to increasing demand for vegetable oil. This has caused environmental issues (e.g., deforestation of tropical rainforests) and social problems (e.g., forced labor) which have become more prominent in Southeast Asia. In order to promote our sustainable procurement of these palm oil derivatives, we approved the purpose of the Roundtable on Sustainable Palm Oil (RSPO) and joined as a full member in 2015. We obtained supply chain certification and began selling certified products in 2018.



RSPO Certified Products Supply Chain

We have a supply chain for RSPO-certified products, from raw material procurement to finished products.



For more details▶



Approach to Environment Value Creation — R&D —

RiKACRYSTA®

RiKACRYSTA® is a range of new crystal nucleating agents. They offer superior crystallization accelerating effects which reduce molding cooling time of plastics. This means reduction of defective products and energy saving.



GREENCIZER®

GREENCIZER® is Biomass plasticizers based on natural oils and fats. Its biomass content is over 70%. Additionally, it is superior to standard products, such as DOP, DINP and DUP that are made from fossil-based raw materials.



RiKANATURA®

RiKANATURA® is new sustainable emollients and can be used as a raw material in cosmetics to replace silicones. It is based on 100% vegetable fats and can be described as an RSPO certified product.



NJLUB®

NJLUB® is 100% Biomass ester oil used as an industrial lubricant that can replace mineral-derived oils. It is based on 100% vegetable fats and imparts exceptional low temperature liquidity to the point where it can be deployed in industrial oils.

