



October 16, 2024
ENEOS Corporation

**ENEOS becomes the first company in the domestic lubricant industry
to offer CFPs for its lubricant and grease products
-ENEOS develops a CFP calculation system for lubricant and grease products-**

ENEOS Corporation (Representative Director, President: Yamaguchi Atsuji; “ENEOS”) is pleased to announce that it has developed a product-specific calculation system for carbon footprint of products (“CFPs”^{*1}) for its lubricant and grease products and began providing CFPs calculated using the system to customers in October 2024^{*2}. This marks the first time in the domestic lubricant industry that CFPs have been calculated for lubricant and grease products.

This newly developed CFP calculation system has enabled ENEOS to easily and efficiently calculate the CFPs of a diverse range of lubricant and grease products, which vary in raw materials and product types, and to promptly provide these values to its customers. In addition, by referencing various guidelines^{*3}, ENEOS is also working to establish a robust CFP calculation methodology for these products to deliver even more accurate data.

For some of the base oils used in the lubricant and grease products as raw materials, ENEOS uses CFPs calculated by using the product-specific CFP management system^{*4} as primary data^{*5}. This system was jointly developed with WasteBox, Inc. and NTT DATA Japan Corporation.

ENEOS, in line with its Group’s Long-Term Vision, takes on the challenge of achieving both a stable supply of energy and materials and the realization of a carbon-neutral society, aiming to contribute toward a decarbonized and recycling-oriented society. Through these efforts, ENEOS will continue to play its part in realizing a carbon-neutral society by helping to visualize the CO2 emissions across the entire life cycle of the lubricant supply chain, and proceeding with sales of the “GX (Green Transformation) Series of ENEOS” (a line of plant-derived lubricant and grease products^{*6}), as well as plans to manufacture and commercialize low-carbon base oil made from used lubricants as raw material^{*7}.

Carbon Footprint of Products (CFP)

Visualization of CO2 Emitted by Products

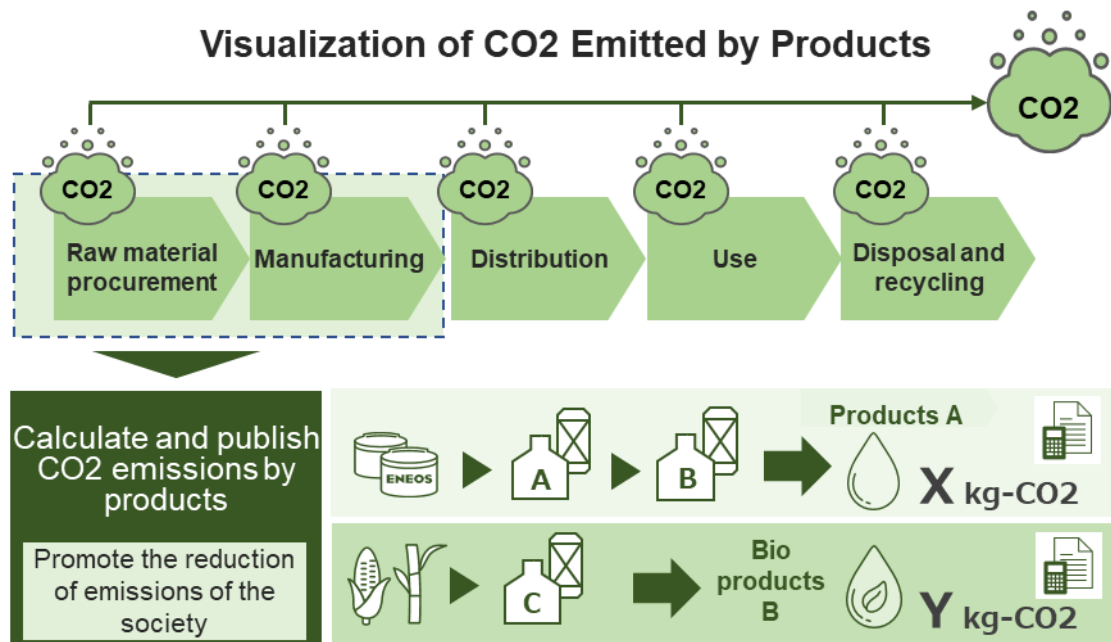


Diagram: What is CFP?

*1 CFP: The greenhouse gas (GHG) emissions of a product, converted to CO₂, from the procurement of raw materials through to disposal and recycling. In this press release, it refers to the emissions from the procurement of raw materials through to shipment (Cradle-to-Gate).

*2 Applies only to lubricant oil and grease products manufactured in Japan.

*3 ISO14040, 14044, 14067, Ministry of Economy, Trade and Industry "Carbon Footprint Guidelines"

*4 "[A first in the domestic petroleum industry ENEOS begins providing CFP of its petroleum products](#)" (Released on April 8, 2024)

*5 Primary data: Quantified values obtained by calculating the process, activities and emission factors within the product system, based on actual data collected. This data is individually gathered and identified by the CFP calculator.

*6 "[ENEOS begins distribution of energy-saving biomass lubricant oils and greases](#)" (Released on April 21, 2023)

*7 "[Establishment of a Production Process for Low-Carbon Lubricant Base Oil Contributes to the Realization of a Circular Society](#)" (Released on May 27, 2024)