



Dow and Givaudan

# Decarbonizing the global flavor and fragrance value chain

## Challenge

Givaudan is a creator of food experiences, inspired fragrances and wellbeing solutions. The company's commitment to people and the planet drives a strong commitment to sustainable solutions. As downstream consumer demand for sustainable goods continues to grow, Givaudan has committed itself to ambitious sustainability goals, including reducing the carbon footprint of its products.

## Our answer

For Dow and Givaudan, it was a natural fit. The companies found a winning collaboration to link upstream decarbonization actions and finished products.

As part of its commitment to achieving its own decarbonization goals by 2050, and to reduce its Scope 2 emissions, Dow launched DOW™ Propylene Glycol-DEC featuring Decarbia™ reduced carbon options. These products are manufactured using renewable energy certificates coupled with mass balance, helping enable a significant product carbon footprint reduction.

In turn, customers such as Givaudan who have started producing flavor and fragrance products with DOW™ Propylene Glycol-DEC USP/EP and DOW™ Dipropylene Glycol-DEC LO+ featuring Decarbia™ can globally benefit from a reduction in its Scope 3 emissions.

**>1,000 MW**  
**OF DOW'S POWER DEMAND SOURCED FROM**  
**RENEWABLE SOURCES IN 2024, EXCEEDING**  
**THE GOAL OF 750 MW**



## Key results

By collaborating through the value chain, Givaudan is on track to deliver a positive impact by driving towards its goal of reducing supply chain emissions (Scope 3) by 20% before 2030, all while offering quality flavor and fragrance creations.

The collaboration between Dow and Givaudan demonstrates how a shared vision can guide value chain stakeholders to match the right technologies and opportunities to customer and consumer demand for sustainable innovation.

## Do you want to learn more?

Dow's PG offerings from Renuva™, Ecolibrium™ and Decarbia™ sustainability product portfolios are designed to help customers advance their circularity, bio-based product and GHG emission reduction goals. Discover Dow's [Propylene Glycol \(PG\) portfolio](#).

