

Syensqo joins the SEMI Climate Consortium

The partnership aims to accelerate implementation of a sustainability roadmap across the entire value chain

Brussels, April 23, 2024

[Syensqo](#) is now a member of the [Semiconductor Climate Consortium](#) (SCC), an initiative introduced by trade association [SEMI](#) to drive progress on addressing climate challenges within the semiconductor industry. As a materials supplier, the Group is determined to work with customers and partners across the industry to help implement a sustainability roadmap for the entire value chain.

“Semiconductors play a vital role in the green transition, they are at the center of new technologies but manufacturing them is resource intensive” said Peter Browning, President of Syensqo Specialty Polymers. “Through this partnership, Syensqo will contribute to the sustainability roadmap of the whole value chain, advancing the industry and benefiting humanity”.

“The Semiconductors Climate Consortium is focused on addressing the challenges of climate change, which no single company can meet alone,” added Mousumi Bhat, PhD, Vice President of Global Sustainability at SEMI. “We welcome Syensqo to the SCC as a long-standing member of SEMI, and look forward to their collaboration in our value chain efforts.”

Syensqo provides high-performance material solutions for virtually every process step in advanced semiconductor manufacturing, including [Solef® PVDF](#) for ultra-pure water piping, [Halar® ECTFE](#) for gas abatement and wet process tool structural parts, [Teflon® PFR FFKM](#) for O-rings, and [Galden® PFPE](#) for heat transfer fluids, as well as [Fomblin® VAC](#) for vacuum pump oil.

Syensqo’s [ECHO portfolio](#) is designed to offer specialty polymer grades with a lower carbon footprint than their original counterparts. These products integrate bio-sourced, recycled and mass balance feedstocks, while offering the same level of performance. Syensqo aims to become carbon neutral across all operations by 2040, with 40% reductions in Scope 1 and 2 emissions and 23% reductions in Scope 3 emissions by 2030¹.

¹ Within the framework of the Greenhouse Gas Protocol (GHGP), Scope 1 refers to direct emissions from in-house production processes, Scope 2 to indirect emissions from purchased energy, and Scope 3 to all other indirect emissions from upstream and downstream sources, such as material supplies, packaging and transportation.

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Caption. (Photo/Photos: Syensqo, PR018)

About Syensqo

Syensqo is a science company developing groundbreaking solutions that enhance the way we live, work, travel and play. Inspired by the scientific councils which Ernest Solvay initiated in 1911, we bring great minds together to push the limits of science and innovation for the benefit of our customers, with a diverse, global team of more than 13,000 associates in 30 countries.

Our solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices and healthcare applications. Our innovation power enables us to deliver on the transition to a more circular economy and explore breakthrough technologies that advance humanity.

Learn more at www.syensqo.com

About SEMI

SEMI® is the global industry association connecting over 3,000 member companies and 1.5 million professionals worldwide across the semiconductor and electronics design and manufacturing supply chain. We accelerate member collaboration on solutions to top industry challenges through Advocacy, Workforce Development, Sustainability, Supply Chain Management and other programs. Our SEMICON® expositions and events, technology communities, standards and market intelligence help advance our members' business growth and innovations in design, devices, equipment, materials, services and software, enabling smarter, faster, more secure electronics.

Learn more at: www.semi.org

About SCC

Initiated by SEMI, the Semiconductor Climate Consortium is the first global, ecosystem-wide effort to accelerate the semiconductor ecosystem's response to the challenge of climate change by facilitating our member's responses to reduce greenhouse gas emissions.

Members collaborate on dependencies for evaluating Scopes 1-3, help develop and get first access to tools to assist reporting and baselining and help build the case for change with our stakeholders. Modeled after the success of the Fashion Pact, we will improve our industry's climate response with a quantitative and qualitative approach.

We also support innovative ideas utilizing microelectronics to combat climate change and partner with outside organizations to raise awareness of opportunities and best known methods across all industries.

Learn more at: www.semi.org/en/industry-groups/semiconductor-climate-consortium

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