



Semiconductor
Climate Consortium

What Semiconductor Climate Consortium Founding Members Have to Say

"Advantest applauds SEMI for driving progressive climate change activity throughout the semiconductor ecosystem. We are delighted to be participating as a founding member of the SEMI Climate Consortium and look forward to collaborating on plans for aggressive climate mitigation action industry-wide, while at the same time continuing to drive ESG and sustainability efforts within Advantest's global organization."

ADVANTEST®

*Colin Ritchie, VP Industry and Government Relations, **Advantest***

"Analog Devices is proud to be a founding member of the SEMI Climate Consortium. We look forward to engaging on the critical and shared challenge of supporting the Paris Agreement and keeping global warming to a 1.5C pathway."

 **ANALOG
DEVICES**

AHEAD OF WHAT'S POSSIBLE™

*Rakesh Kamboj, VP of Global Manufacturing and Corporate Facilities, **Analog Devices***

"Climate change is the most critical challenge of our time. We need all hands on-deck, and that's why Applied Materials is excited to be a founding member of the Semiconductor Climate Consortium. Applied looks forward to working collaboratively with industry peers to accelerate decarbonization efforts towards a 1.5°C pathway. Together, we can solve for environmental challenges, which cannot be addressed by one company alone."

 **APPLIED
MATERIALS®**

*Chris Librie, Director of ESG, Corporate Sustainability and Reporting, **Applied Materials***

"We are proud to be a founding member of the Semiconductor Climate Consortium. Arkema is committed to addressing the challenge of global warming and we look forward to collaborating with our colleagues across the full value chain. Together, we can drive change to bring about a more sustainable world."

ARKEMA

*Emmanuelle Bromet, Sustainable Development Vice President, **Arkema***

"Our world is being unimaginably impacted by climate change, resulting in extreme weather patterns that are creating havoc to the environment and disrupting communities. As such, there is an urgent need to direct immediate focus on climate actions and solutions. At ASE, climate issues drive our sustainability strategy while disclosures on GHG emissions and pathways are integral to our transparency in reporting.

Sharing a common belief in collaboration and transparency, we are pleased to join SEMI's Semiconductor Climate Consortium as a founding member. This platform will not only elevate ways in which our industry can effect change in our decarbonization journeys, but through close engagement with SCC members, we can collectively influence, inspire, and accelerate actions to reduce greenhouse gas emissions."

*Tien Wu, CEO, **ASE Inc.***



"ASM's *Growth through Innovation* strategy includes *Accelerate Sustainability* as a foundational pillar. We are excited to be a founding member of the Semiconductor Climate Consortium, which we see as a fundamentally innovative solution to our industry's challenges in addressing the climate crisis. We endorse the SCC's vision of collaboration, transparency, and ambition. Together, we can achieve impact and speed way beyond our individual efforts."

*Benjamin Loh, CEO and President, **ASM***



"We feel a personal obligation to sustainability for the sake of our world, not just because of the Paris Accord. This isn't a bandwagon; sustainability is a requirement for our success and for this industry's success. With the Semiconductor Climate Consortium, we join our voice with others in the industry to achieve meaningful change; because it takes a village."

*Terry Brewer, Founder and Executive Chairman, **Brewer Science***



"The Semiconductor Climate Consortium is just getting started, and we are already more than 60 companies strong, with diverse representation from across the semiconductor ecosystem. DuPont is proud to be a founding member, and we look forward to the value that this powerful collaboration will create for addressing climate change and solving global challenges."

*Jon Kemp, President, **DuPont Electronics & Industrial**, Member of SEMI International Board of Directors*



EBARA's mission is to advance our technologies with passion and contribute to the creation of a sustainable society through our businesses. We are sympathetic to the vision of Semiconductor Climate Consortium and would like to work with all the members to reduce GHG emissions throughout the semiconductor value chain and to achieve net zero GHG emissions."



*Masao Asami, Director, President, Representative Executive Officer, **EBARA***

"Entegris recognizes climate change as the central issue of our time and strives to live up to our environmental responsibility. We are excited to be a part of the Semiconductor Climate Consortium, working together with industry partners to innovate and take action on issues critical to addressing the climate emergency."



*James A. O'Neill, Ph.D. Senior Vice President and Chief Technology Officer, **Entegris***

"GlobalFoundries recognizes climate change is an unprecedented global challenge, and we are committed to growing our company responsibly and minimizing our impact on the environment. True to our long legacy of environmentally responsible manufacturing and operations, GF is proud to be a founding member of SEMI's Semiconductor Climate Consortium and collaborate across the supply chain to enhance the sustainability of our industry."



*John Toy, Chief Ethics and Sustainability Officer, **GlobalFoundries***

"We at Hitachi High-Tech are excited to be a founding member of the Semiconductor Climate Consortium with its vision of collaboration, transparency, and ambition for addressing the climate crisis. We are committed to be a part of the solution for our shared industry challenges."



*Osamu Komuro, Vice President and Executive Officer, **Hitachi High-Tech Corporation***

"The Semiconductor Climate Consortium can drive progressive climate action within the entire semiconductor ecosystem. With our accumulated knowledge and innovative technology, imec will contribute to accelerate solutions to address the pressing challenges for the future and reach our own ambitious decarbonization targets, as well as those of member companies."



*Luc Van den hove, President and CEO, **imec***

“Reducing greenhouse gas emissions across the semiconductor value chain will benefit not just the technology industry, but industries across the globe. However, this requires immense innovation and collaboration – the challenges we’ll face can’t be solved by just one company. I am proud to see Intel joining the Semiconductor Climate Consortium as a founding member to support these critical efforts. Together, we will be able to make a lasting impact to help mitigate the impacts of climate change.”



*Keyvan Esfarjani, Executive Vice President, Chief Global Operations Officer and General Manager of Manufacturing, Supply Chain and Operations, **Intel Corporation***

“At JSR, we are fully committed to sustainability and look forward to the expertise, alignment, and support we will gain as a founding member of the Semiconductor Climate Consortium. We are excited and ready to move quickly to determine ways that we can come together to impact the semiconductor value chain.”



*Tadahiro Suhara, Managing Officer, **JSR Corporation***

“At KLA, we are committed to doing our part in ensuring smart and sustainable production of chips into the future by reducing resource use and emissions in our own operations. Understanding that our planet requires responsible stewardship, KLA has set a goal to use 100% renewable electricity across our global operations by 2030. We have also set a target to reduce Scope 1 and 2 emissions by 50% by 2030 from our 2021 baseline and a target to achieve net zero Scope 1 and 2 emissions by 2050.”



*John McLaughlin, Global ESG Leader, **KLA Corporation***

“We’re so honored to become a founding member of the SCC. We believe the Group has a corporate social responsibility to meet the trust and expectations of society through our business activities in cooperation with our Group companies. Based on our corporate slogan *Technology & Tai-wa for Tomorrow*, we will focus more on the sustainability management. By promoting such approaching as a Founding Member of Semiconductor Climate Consortium, we seek to realize a sustainable environment and society, while at the same time contributing to the achievement of the SDGs.”



*Fumiyuki Kanai, President and CEO, **KOKUSAI ELECTRIC CORPORATION***

“Sustainability, climate change and global warming concerns have increasingly become more commonplace, creating a call for action. Nations, corporations and individuals are expected to adapt, become more innovative and deliver solution-focused results.”



*Fusen Chen, President and Chief Executive Officer, **Kulicke & Soffa***

“Lam Research is proud to be a founding member of the Semiconductor Climate Consortium, accelerating our efforts to tackle climate change and advance sustainability for the industry. For many years, we’ve been proactively implementing environmental measures throughout our business, from operational practices to the design of our products. Our core values underpin our commitment to making a positive contribution to people and the planet.”



*Stacey MacNeil, Chief Communications Officer, **Lam Research***

“We are delighted to become a founding member of the Semiconductor Climate Consortium and looking forward to participating in its collaborative effort to address industry climate challenges.”



*Osamu Okabayashi, Representative Director, President Executive Officer, **Lasertec Corporation***

“Nanya Technology is committed to innovative technology and continues to dedicate efforts to sustainable development. We are delighted to be a founding member of the Semiconductor Climate Consortium, which we believe this is a fundamentally innovative solution to response to the climate crisis. Together, we can contribute to a more sustainable world.”



*Dr. Pei-Ing Lee, President, **Nanya Technology***

“Nikon aims to realize a prosperous and safe society by creating social value unique to Nikon with our core technologies toward a sustainable society. We are very delighted to join Semiconductor Climate Consortium as a founding member. Nikon is convinced that this activity not only reduces greenhouse gas emissions in the supply chain, but also that it will play an essential role to cope with climate change. We are looking forward to collaborating with all participating companies.”



*Masato Hamatani, Senior VP, GM of Semiconductor Lithography Business Unit, **Nikon Corporation***

"NXP is proud to be one of the founding members of SCC as we remain unwavering in our commitment to a more sustainable future. As a company that enables a smarter, safer and more sustainable world through innovation, we are excited to unite as a global industry to continue this sustainability journey together."



*Jennifer Wuamett, Executive Vice President, General Counsel and Chief Sustainability Officer, **NXP***

"As a founding member of the Semiconductor Climate Consortium, Samsung Electronics will strive to incorporate environmental sustainability into our business through Collaboration, Transparency and Ambition. More so, we will continue to lead the semiconductor industry by developing technology that makes technology sustainable and drive toward climate goals."



*Claire HyunJung Seo, Corporate Vice President, DS Corporate Sustainability Management Office, **Samsung Electronic***

"I am thrilled to announce that Schneider Electric has become a founding member and leadership-level sponsor of SEMI's Semiconductor Climate Consortium. The collaboration will see Schneider strengthen its commitment to progressive climate action as it pools resources with other industry players and aligns to develop decarbonisation solutions together. Already a firm supporter of the Paris Agreement and 1.5°C pathway, Schneider is looking forward to joining with fellow players in the semiconductor value chain to lead the way towards meeting these critical climate goals."



*Olivier Blum, Executive Vice President of Energy Management, **Schneider Electric***

"Headquartered in Kyoto where the Kyoto Protocol was founded, SCREEN has at its core spirit sustainable society/industry. The Semiconductor Climate Consortium's vision of realizing a sustainable future is something that resonates deeply with us. Through the unification of the commitment to a cleaner future, we at SCREEN are excited to contribute to a better tomorrow."



*Masato Goto, Representative Director and President, **SCREEN Semiconductor Solutions***

“We believe that this opportunity to join the Semiconductor Climate Consortium as a founding member at the start of our new journey as Resonac (fka Showa Denko) group perfectly matches our new purpose. We are very honored and excited to work with our peers as well as customers and supply chains in this global collaboration. As a leading supplier of semiconductor materials, we are committed to be a part of the solutions for our shared industry challenges.”



*Hidehito Takahashi, CEO, **Showa Denko Materials***

“Climate change cannot be tackled by a single company or institution working alone. Collaboration between like-minded partners is essential to the success of climate action. I believe that through the Semiconductor Climate Consortium, we can expedite our journey towards decarbonization and amplify the impacts of our concerted efforts to reduce greenhouse gas emissions. SK hynix will collaborate with all of our stakeholders throughout the entire value chain to establish a clean, sustainable, and green semiconductor ecosystem.”



*Bangsil Lee, Vice President, Head of ESG Strategy, **SK hynix***

“As a founding member of the Semiconductor Climate Consortium, SkyWater is looking forward to co-creating best practices for sustainability solutions in semiconductor manufacturing. As we strive – as a company and an industry – to lessen our environmental impact and lower greenhouse gas emissions, our collaboration with member companies will ensure the best mitigation measures are in place to accelerate solutions and solve issues that would not be possible independently.”



*John Spicer, Chief Manufacturing Officer, **SkyWater***

“UTAC is proud to participate in SEMI’s Semiconductor Climate Consortium as a founding member. At UTAC, we place a strong emphasis on continually developing, reviewing and improving our sustainability programs, whether it is for social, environmental or business sustainability. It is our belief that strong governance and leadership form the foundation for growth and sustainable business development. We have made significant headway with our sustainability agenda, strengthening the foundations of long-term, profitable and sustainable growth. Significant investments have been made over the last few years towards our initiatives to reduce our carbon footprint, enhance our use of recycled water, and reduce our energy use. Across our operations in the region, we brought down CO2 emissions by 8.9% year-on-year, and by 37.7% since 2012. Over the same period, we doubled the amount of recycled water used in our operations to 41.1%.”



*Janice Wong, General Counsel and Chief Sustainability Officer, **UTAC Group***
