Tata Electronics and ASML announce strategic partnership to advance the semiconductor manufacturing ecosystem in India

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The Hague, the Netherlands and Mumbai, India

- ASML will enable the establishment and ramp-up of Tata Electronics' Dholera fab with its holistic suite of lithography tools and solutions
- The partnership will accelerate training of local talent, lithography intensive skill development, as well as proactive supply chain resilience
- Given the importance of lithography in chip manufacturing, the companies will develop the R&D infrastructure critical for the long-term success of the first fab in India

Tata Electronics, a pioneering leader in India's electronics and semiconductor manufacturing sector, and ASML, one of the world's leading semiconductor equipment manufacturing companies, today, announced the signing of a Memorandum of Understanding (MoU) to advance the semiconductor manufacturing ecosystem in India. Through this partnership, ASML will enable the establishment and successful ramp of Tata Electronics' upcoming 300 mm (12 inch) semiconductor fab in Dholera, Gujarat. This collaboration is an important step in the context of the intensifying strategic collaboration between India and The Netherlands in the field of critical technologies, such as semiconductor technology.

The collaboration between Tata Electronics and ASML will focus on deploying ASML's holistic suite of advanced lithography tools and solutions for the Dholera fab. The use of ASML's industry-leading technologies is expected to ensure seamless operations at India's first commercial 300 mm semiconductor fab, delivering value to Tata Electronics' customers. The two companies will cooperate to develop domestic talent, supply chain, and research initiatives to support the long-term success of Tata Electronics' Dholera fab.

Dr. Randhir Thakur, CEO & MD of Tata Electronics, said, "We are excited to partner with ASML, a company known for its innovation and leadership in lithography, and for enabling semiconductor customers globally. ASML's deep expertise in holistic lithography solutions will ensure the timely ramp of our fab in Dholera, create a resilient and trusted supply chain for our global customers, drive innovation, and develop talent locally. This foundational partnership with ASML brings a shared commitment to the highest standards of quality, yield, and manufacturing excellence, and it will go a long way in building a strong semiconductor ecosystem in India."

Christophe Fouquet, President & CEO, ASML, added: "India's rapidly expanding semiconductor sector represents many compelling opportunities, and we are committed to establishing long-term partnerships in the region. Signing this Memorandum of Understanding today marks an important milestone, and we look forward to close collaboration with Tata Electronics and its broader ecosystem. We believe Tata Electronics is strongly positioned to realize its ambitions in expanding semiconductor capabilities. We are pleased and honored to contribute our technological expertise and to help nurture talent in India."

Tata Electronics is developing India's first 300 mm commercial fab in Dholera, Gujarat. With a planned total investment of US$11 Bn, the facility will manufacture semiconductors for a variety of applications across automotive, mobile devices, artificial intelligence (AI), and other key segments, to serve customers globally. Tata Electronics has strategically partnered with key global customers and ecosystem companies, starting with PSMC (Powerchip Semiconductor Manufacturing Corporation, Taiwan), thereby gaining access to a broad technology portfolio including 28nm, 40nm, 55nm, 90nm, and 110nm. Construction of the plant is progressing rapidly. The partnership with ASML is strategic in the journey of Tata Electronics to develop partnerships across the entire semiconductor ecosystem, encompassing equipment, process and design technology, and materials.

The availability of skilled domestic talent is also critical to realizing India's vision of becoming a leading player in global semiconductor manufacturing. Tata Electronics has partnered with several leading international and Indian companies and institutions to empower young people locally with the necessary knowledge and skills. Together, Tata Electronics and ASML will also drive initiatives to strengthen the domestic talent pipeline and ensure a readily available pool of experts.

About Tata Electronics

Tata Electronics Private Limited is a prominent global player in the electronics manufacturing industry, with strong capabilities in Electronics Manufacturing Services, Semiconductor Assembly & Test, Semiconductor Foundry, and Design Services. Established in 2020 as a greenfield venture of the Tata Group, the company aims to serve global customers through integrated offerings across a trusted electronics and semiconductor value chain. With a rapidly growing workforce, the company has significant operations in India in Gujarat, Assam, Tamil Nadu, and Karnataka, in addition to overseas offices in US, Taiwan, and Singapore. Tata Electronics is committed to creating a socio-economic footprint by employing many women in its workforce and actively supporting local communities through environmental, education, healthcare, sports and livelihood initiatives. For more information visit www.tataelectronics.com.

About ASML

ASML is a leading supplier to the semiconductor industry. The company provides chipmakers with hardware, software and services to mass produce the patterns of integrated circuits (microchips). Together with its partners, ASML drives the advancement of more affordable, more powerful, more energy-efficient microchips. ASML enables groundbreaking technology to solve some of humanity's toughest challenges, such as in healthcare, energy use and conservation, mobility and agriculture. ASML is a multinational company headquartered in Veldhoven, the Netherlands, with offices across EMEA, the US and Asia. Every day, ASML's more than 44,000 employees (FTE) challenge the status quo and push technology to new limits. ASML is traded on Euronext Amsterdam and NASDAQ under the symbol ASML. Discover ASML – our products, technology and career opportunities – at www.asml.com.

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