



## Building the next generation ecosystem

March 15, 2022 – Today, Intel detailed the first phase of its plans to invest as much as 80 billion euros in the European Union over the next decade along the entire semiconductor value chain – from research and development (R&D) to manufacturing to state-of-the-art packaging technologies. With this landmark investment, Intel plans to bring its most advanced technology to Europe, creating a next-generation European chip ecosystem and addressing the need for a more balanced and resilient supply chain. The support of valuable industry partners is critical for success.

### Supporting quotes

*"We are excited by Intel's investment in a new European semiconductor manufacturing facility, which will help strengthen the European semiconductor ecosystem. Building on our long-standing partnership, we are committed to support Intel's growth in leading-edge technologies and manufacturing."*

**Benjamin Loh, president and CEO, ASM International**

*"This investment is a major step toward the development of next-generation computing systems. It will bring new capabilities to the European supply chain and will set the pace of R&D investments in HPC and artificial intelligence. Atos is enthusiastic about the collaboration opportunities it will bring between our two groups to address the European market with genuine technologies."*

**Rodolphe Belmer, CEO, Atos**

*"Designing mobility systems of the future requires the most advanced high tech in sensor technology, computing capacity and artificial intelligence. Because of that, the BMW Group welcomes the efforts made by Intel to supply the technology required for our automotive mobility vision by establishing cutting-edge manufacturing capacity in Europe."*

**Oliver Zipse, chairman of the board of management, BMW AG**

*"Being an early stage high-tech startup introducing a new disruptive technology is challenging, and the engagement by Intel to support such companies aids enormously such companies to grow and succeed, and brings a welcome boost to the European high-tech ecosystem. This is especially true when so few accelerators support early stage companies. The Intel Ignite program is a huge opportunity for Finnish startups. It brings unprecedented access and introductions not only to the relevant teams inside Intel, but also really expert 1-to-1 coaching and advice on a wide range of topics, such as legal, pricing models, marketing, etc. for early stage startups."*

**Harri Airaksinen, CEO, Business Tampere**



*"The current chip and component shortages across all industries clearly show that digital sovereignty requires a geographical balancing of semiconductor supply. We as Deutsche Telekom fully support the build-out of more leading-edge production capacity in Germany and Europe, and we see Intel as a strong reliable partner in this regard."*

**Tim Höttges, CEO, Deutsche Telekom**

*"As a major European electrical utility, EDF constantly improves performance of its operations and prepares for the future by working on breakthrough technologies. Semiconductors are key enablers for new discoveries, and EDF welcomes Intel plans to build leading-edge factories in Europe. EDF also sees a great value in future collaborations with the new Intel R&D activities based in France, in particular, in the domain of high performance computing and artificial intelligence, for safety and regulatory compliance as well as customers' power consumption prediction."*

**Alain Martin, Scientific Information system director, EDF R&D**

*"This investment project is the single biggest foreign direct investment in German and European history, as well as the biggest semiconductor fab project on the continent. It catapults Europe and Germany back to the cutting edge, and we at Germany Trade & Invest could not be prouder to have helped the Intel team during this entire process. Intel's expansion will help balance global chip supply chains. It is also a giant leap for the regional state of Saxony-Anhalt and the city of Magdeburg -- bringing thousands of well-paid jobs for the future. It's a remarkable success and showcases the fruitful cooperation between Intel, GTAI, the state and local authorities."*

**Robert Hermann, CEO, Germany Trade & Invest**

*"A project of this size underlines the growing trans-Atlantic spirit of mutual investment and high-tech cooperation. We welcome Intel's decision to build these huge production facilities in Germany. It's an example of how the country is attracting some of the largest and most demanding investment projects in the world. That's because Germany works. Congratulations to the regional state of Saxony-Anhalt and the city of Magdeburg and everybody who made this success possible."*

**Max Milbredt, Germany Trade & Invest**

*"We are convinced that the future is electric. Today, Mercedes-Benz is setting the course for tomorrow by pursuing a path toward completely emission-free driving with batteries. To achieve these ambitious goals, we need local access to advanced technology and thus applaud Intel's plans to establish leading-edge manufacturing capacity in Europe."*

**Ola Källenius, chairman of the board of management, Mercedes-Benz Group AG**

*"The automotive industry's acceleration toward software-defined vehicles has boosted demand for semiconductors. As a competitive, tech and sustainable player, Renault Group supports Intel's plans to develop value-generating activities in Europe by setting up a comprehensive ecosystem for both innovation and chip production. This strategic initiative will strengthen the European electric mobility value chain."*

**Luca de Meo, CEO, Renault Group.**



*"These are super exciting times for our industry globally and, in particular, for Europe with the launch of the European Chips Act for a thriving European semiconductor ecosystem and a resilient supply chain. Intel's further investment will be a strategic step forward in line with the vision of the European Commission to grow Europe manufacturing by 20% of the global value chain to maintain Europe's leadership and competitiveness at the forefront in the sustainable digital age."*

**Laith Altimime, president, SEMI Europe**

*"The world is becoming more and more digital at an incredible pace. This creates opportunities for customers in all our markets: industry, infrastructure, mobility and healthcare. But to unlock these opportunities and empower our customers to transform their industries, it will require a growing amount of chips. That's why Siemens welcomes Intel's ambitious plans to help balance the worldwide semiconductor supply. And as a long-standing partner, we're ready to support Intel to build leading-edge capacity in Europe with our technologies."*

**Dr. Roland Busch, CEO, Siemens**

*"Intel's vision to expand manufacturing in Europe is encouraging and supports the EU digital strategy. The collaboration with R&D leaders in France is also very exciting. SiPearl is building the European microprocessor for high performance computing and sees great value in European-based leading-edge foundry services of Intel's caliber."*

**Philippe Notton, CEO and founder, SiPearl**

*"Intel's announcement to continue to invest and create a new manufacturing location in the center of Europe is very exciting news, for Intel, Europe and the semiconductor industry, in general. As a trusted partner of Intel, Tokyo Electron is committed to continue our journey to partner with Intel as they look to establish this new site as part of their global manufacturing footprint."*

**Tony (Toshiki) Kawai, president and CEO, Tokyo Electron Limited**

*"Die Halbleiterindustrie liefert eine Schlüsseltechnologie für Deutschland als führende Industrienation. Mit seinem Engagement trägt Intel Ignite zur Weiterentwicklung und Zukunftssicherung unseres Innovationsökosystems bei. Mit dieser Unterstützung sind Start-ups noch besser in der Lage, nachhaltige Tech-Innovationen erfolgreich umzusetzen und Antworten auf die großen Herausforderungen unserer Zeit zu geben. Diese Mission verfolgen wir Hand in Hand."*

**Prof. Dr. Helmut Schönenberger, Mitgründer und CEO von UnternehmerTUM**

*"SoC designs for future vehicles have to be very specific to be competitive. Volkswagen is on its way to build up design capabilities. State-of-the-art manufacturing competencies and capacities like Intel will offer are hugely attractive for us and we strongly encourage Intel to invest in fabs in Europe."*

**Herbert Diess, CEO, Volkswagen Group**



*"Als internationales Familienunternehmen mit starken mittelständischen Wurzeln in Deutschland ist Europa ein zentraler Markt für uns. Im Rahmen einer ausbalancierten Lieferkette begrüßen und unterstützen wir Intels Ambitionen die Chipfertigung hier auszubauen."*

*Durch unsere eigene Produktion, Lager und Rechenzentrum in Deutschland blicken wir auf langjährige Erfahrung im IT Umfeld zurück. Der Unternehmenserfolg fußt in einer lokalen Verankerung und auch der engen Zusammenarbeit mit Intel. Eine Investition in Halbleitertechnik und -Produktion wird die hiesige Wertschöpfung signifikant erhöhen und wir unterstützen Intels Pläne."*

**Siegbert Wortmann, Wortmann CEO**

*"In der Chipfertigung kommt es von jeher auf optische Höchstleistung, Präzision und Innovationen an. Dafür steht ZEISS. Die hochinnovative EUV und High NA EUV-Technologie ermöglicht große Fortschritte in der Digitalisierung, in Wirtschaft und Gesellschaft. Dabei ist Europa ein wichtiger Produktionsstandort für die Halbleiterindustrie. ZEISS liefert an Intel als langjähriger und starker Partner high-end Maskenlösungen, die eine fehlerfreie Produktion von leistungsstarken Mikrochips ermöglichen. So freuen wir uns besonders über die Pläne von Intel, in Europa eine hochmoderne Chipfabrik zu bauen und sind stolz darauf, gemeinsam mit unserem strategischen Partner ASML dazu beizutragen."*

*"Optical excellence, precision and innovation have always been key in chip manufacturing. This is what ZEISS stands for. The highly innovative EUV and High NA EUV technology enables major advances in digitalization, in the economy and in society. In this context, Europe is an important semiconductor production location. As a long-standing and strong partner, ZEISS supplies Intel with high-end mask solutions that enable error-free production of high-performance microchips. We are delighted about Intel's plans to build a cutting-edge chip factory here and are proud to contribute to this together with our strategic partner ASML."*

**Andreas Pecher | Mitglied im ZEISS Vorstand, president and chief executive officer, SMT**

*"Mit der rasanten Digitalisierung von Wirtschaft und Gesellschaft wird der Bedarf an Mikroelektronik mit fortschrittlichste Mikroprozessor Generationen geradezu explodieren. Da diese in Europa so gut wie nicht vorhanden ist, ist die Versorgungssicherheit hier kritisch. Daher muss die gesamte Wertschöpfungskette (vor allem Halbleiter, Substrate und Packaging) um in diesem Bereich in Europa erweitert werden. Ziel dieser Investitionen muss sein, dass die europäische Industrie und Forschungslandschaft nachhaltig gestärkt werden und signifikantes IP für zukünftige Technologien in Europa entsteht."*

**Andreas Gerstenmayer, CEO bei AT&S, Austria Technologie und Systemtechnik AG**

*"With the rapid digitization of the economy and society, the demand for microelectronics with the most advanced microprocessor generations will explode. Since this is virtually nonexistent in Europe, the security of supply is critical here. Therefore, the entire value chain (especially semiconductors, substrates and packaging) must be expanded to include this area in Europe. The aim of these investments must be to sustainably strengthen the European industry and research landscape, and to create significant IP for future technologies in Europe."*

**Andreas Gerstenmayer, CEO, AT&S Austria Technologie und Systemtechnik AG**



*"Die weltweit fortschreitende Digitalisierung erfordert den Ausbau von Halbleiterproduktionskapazitäten. Deutschland mit seiner starken Anwenderindustrie und seiner Forschungskraft ist dafür ein prädestinierter Standort. Daher begrüßt und unterstützt die Fraunhofer-Gesellschaft die Entscheidung von Intel, mit der Ansiedlung seiner Chipfabrik in Deutschland die Hardware-Basis der Digitalen Transformation in Europa zu stärken.*

*Der geplante Intel-Fertigungsstandort für höchstintegrierte Prozessoren ist ein weiterer wichtiger Grundstein für neue Innovationen made in Deutschland und Europa – auch durch eine enge Zusammenarbeit zwischen Intel und der Fraunhofer-Gesellschaft. In der Partnerschaft von Halbleiterindustrie und Fraunhofer-Gesellschaft im Bereich des Chip-Designs, der Forschung an neuen Prozessen der Halbleiterfertigung sowie der Heterointegration werden wichtige Beiträge zur Sicherung des Technologiestandorts Deutschland geleistet."*

**Prof. Reimund Neugebauer, Präsident der Fraunhofer-Gesellschaft**

*"Intel's plan to scale up production in Europe is far-reaching and concurs with the European Chips Act to bolster the EU's competitiveness and resilience in semiconductors. As a leading provider of 5G/4G chips for the IoT, we see great value in the diversification of the supply chain that Intel's investment creates and we welcome the ability to have foundry options closer to home."*

**Georges Karam, CEO, Sequans Communications**

*"Studios making games in Poland utilize cutting-edge technology and solutions, and their creations are among some of the most popular around the world. In this regard, Intel's move to invest further in innovation and manufacturing within the European Union, and in Poland itself with the R&D lab in Gdańsk, is a welcome one. I honestly believe these efforts will benefit the video game industry, as well as the entire region throughout many business sectors."*

**Jan Rosner, Business Development Director, CD PROJEKT RED**

*"Air Liquide is a global leader in the supply of carrier gases and electronic materials, serving the semiconductor industry in Europe for decades, and is thrilled to see logic/foundry industry leaders investing in Europe. Air Liquide is uniquely positioned to play a key role in building a resilient and sustainable European semiconductor ecosystem thanks to its experience and existing production centers for electronics materials and equipment."*

**Michael J. Graff, executive vice president and member of the Air Liquide Executive Committee**

*"Building new semiconductor fabs in areas where capacity is lacking is by far one of the best solutions to reducing the possibility and impacts of chip shortages in the future. Intel's commitment to new semiconductor manufacturing capabilities in Europe will make a significant contribution to a more balanced, resilient, sustainable global supply chain. Capgemini will scale and deepen its silicon engineering capacity in step with new Intel Foundry Services fabs to help meet the fast-growing market demand and build a European design services cluster."*

**Aiman Ezzat, CEO, Capgemini Group**



# Quote Sheet

*"Intel's investment will help expand semiconductor manufacturing capacity in the European Union, rebalancing global silicon capacity and creating a more resilient supply chain. Linde's strong presence in the region combined with our technology leadership and operational expertise positions us well to support Intel's expansion and the continuing development of Europe's semiconductor ecosystem."*

**Sanjiv Lamba, CEO, Linde**

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## About Intel

Intel (Nasdaq: INTC) is an industry leader, creating world-changing technology that enables global progress and enriches lives. Inspired by Moore's Law, we continuously work to advance the design and manufacturing of semiconductors to help address our customers' greatest challenges. By embedding intelligence in the cloud, network, edge and every kind of computing device, we unleash the potential of data to transform business and society for the better. To learn more about Intel's innovations, go to [newsroom.intel.com](https://newsroom.intel.com) and [intel.com](https://intel.com)