

# News Release

**FOR IMMEDIATE RELEASE**

**A new facility is being established in the United States in order to collaborate and create new solutions with customers**

*Support technology innovation in the semiconductor industry and contribute to solving technological and business management challenges*

Tokyo, May 31, 2021 –Hitachi High-Tech Corporation (President and CEO: Takashi Iizumi / Hitachi High-Tech) and Hitachi High-Tech Group company, Hitachi High-Tech America, Inc. (President: Craig Kerkove / Hitachi High-Tech America), announce today the establishment of Hitachi Center of Excellence in Portland, a new centralized facility for semiconductor engineering in Hillsboro, Oregon.

We are consolidating our semiconductor technology development facilities in the United States into this newly established facility. At this new location, we will partner with our customers in the semiconductor industry to jointly create new Lumada solutions that lead to improved customer value by utilizing Hitachi's advanced digital technology. Our goal is to support our customers utilizing Hitachi's unique technology innovations, contribute to solving their technology challenges, and partner on management-related challenges.



【Rendering : Hitachi Center of Excellence in Portland】

Due to the expanded implementation of AI and IoT, as well as the emergence of 5G compatible digital devices, the amount of data used in communication has been increasing exponentially. Consequently, capital investment in data centers and base

stations that support such data transmission is accelerating. Demand for semiconductor devices for automobiles, such as EVs (electric vehicles), and autonomous driving technology is also growing. As a result, the semiconductor device market is expected to continue growing and expanding into the near future. Our customers require continuous and uninterrupted technology innovation in order to support this market expansion. In addition, Hitachi High-Tech Group's goal is to solve technology issues related to scaling, multi-layering, and leading-edge 3D memory and logic devices (including FinFETs and gate-all-around architectures) while partnering with our customers on business management challenges.

Hitachi High-Tech America originally established the Process Engineering Center in Hillsboro, Oregon in 2014. This overseas facility has been supporting R&D and production projects for our US-based customers in the semiconductor etch field. In order to add to those efforts in the United States, where further growth is expected in advanced semiconductor technology development, Hitachi High-Tech America will consolidate and expand its technology development capabilities at this new facility in Hillsboro, Oregon. Hitachi High-Tech Group will accelerate the implementation of collaborative programs to shorten development turnaround time and improve productivity and yield during each semiconductor manufacturing phase.

The new facility has a reinforced concrete two-story structure and is scheduled to be completed in August 2022. It provides a collaboration area where we can work closely with customers to jointly create solutions. As one of the key initiatives of Hitachi, Ltd.'s Lumada solution, the site will utilize our latest process, inspection, measurement, and analysis systems based on Hitachi High-Tech Group's core technologies for "Observation, Measurement, and Analysis" and Hitachi, Ltd.'s IT and OT (operational technology) technologies to create these unique solutions.

Hitachi High-Tech Group will continue to pursue and create new social and environmental value together with our customers and contribute to cutting-edge manufacturing.

[Outline of Hitachi Center of Excellence in Portland]

Location: Hillsboro, Oregon, USA

Completion: Scheduled in August 2022

Total floor square footage: Approximately 219,000 SF

Structure: Reinforced concrete 2-story structure

**Website of Hitachi High-Tech America, Inc.**

<https://www.hitachi-hightech.com/us/>

**Website of Hitachi High-Tech's Semiconductor Manufacturing Equipment**

<https://www.hitachi-hightech.com/global/products/device/>

■ Contact ( Hitachi High-Tech General Inquiries )

[https://www8.hitachi.co.jp/inquiry/hitachi-hightech/global/about/general/form\\_input.jsp](https://www8.hitachi.co.jp/inquiry/hitachi-hightech/global/about/general/form_input.jsp)

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