

April 27, 2023

ADEKA CORPORATION

Expanded Production Facilities of High Dielectric Materials for Leading-edge Semiconductor Memory

ADEKA CORPORATION (President and Chief Executive Officer: Hidetaka Shirozume) has decided to expand the production facilities for high dielectric materials for leading-edge semiconductor memory at ADEKA KOREA CORPORATION. The production facility, with an investment of 2.1 billion yen, will begin commercial operation in FY2023.

Semiconductors are indispensable for an advanced ICT society, and their market size is expected to grow to US\$1 trillion by 2030. Semiconductor memory is rapid technological innovation, such as miniaturization and 3D packaging, against the backdrop of needs for higher capacity and reduced power consumption. With these innovations, several new semiconductor materials are expected to be needed to accommodate new manufacturing processes and finer structures.

High dielectric materials for advanced semiconductor memory, named *ADEKA OCERA series* is the No. 1* semiconductor materials in the world. We are investing aggressively in this product line because it is expected to be used in semiconductor processes for several more generations beyond the current generation as an indispensable product line for miniaturization. A plant is currently under construction to double production capacity in anticipation of future demand growth. This time, we will invest in the expansion of our product lineup, with a view to adopting new materials.

ADEKA Group contribute to the realization of an advanced ICT society by strengthening and mutually collaborating with semiconductor materials-related R&D, production, and sales in Japan, Korea, Taiwan, and U.S.

◆ Outline

Location	ADEKA KOREA CORP. Jeonju 2nd Plant (Wanju-gun, Jeollabuk-do, Korea)
Investment value	1.3 billion yen
Schedule	Commencement of commercial operation: April 4

* Fuji Chimera Research Institute, Inc. 2020 Semiconductor Materials Market Status and Future Outlook.





▲ ADEKA KOREA CORP. Jeonju 2nd Plant

■ Contacts

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