

Okmetic invests in high-performance wafers to enhance MEMS and sensor capabilities

**Okmetic, the leading silicon wafer supplier for the sensor industry, is investing in developing its in-house production capabilities in Finland. The upgrade will enable Okmetic to provide more complex and advanced wafer structures and a platform for the development of new high-performance technological applications.**

Okmetic supplies its global customers with tailored, high value-added silicon wafers for the manufacture of sensors, discrete semiconductors and analog circuits. The company's strategy is to focus on wafers requiring high technological expertise, such as the SOI product family and specialized wafers in 150–200 mm diameter. The production line of the new factory building will primarily focus on processed Cavity SOI (C-SOI) wafers with built-in customer-specific cavity structures.

The new advanced wafers will be manufactured from crystal and made into ready full-service C-SOI wafers at the Vantaa plant. In-house patterning and a pre-etched cavity process mean that customer expectations can be fully realized to deliver future products.

Founded in the mid-1980s, Okmetic is a pioneer in developing and providing specialty wafers for the silicon-based MEMS industry. One of the company's strengths is its ability to develop products and processes with a close eye on customer needs and technology trends in the industry.

"Customers expect high-performance with less size. Now with our in-house capabilities we can provide customers specialized solutions faster, including more complex and developed wafer structures. Okmetic C-SOI provides an ideal platform for MEMS-based applications for a wide range of sensing and analytical applications," says Anna-Riikka Vuorikari-Antikainen, Okmetic's Senior Vice President, Customers and Markets.

Main customer applications are automotive and industrial control sensors, but Okmetic also produces wafers for consumer applications. Okmetic silicon can be found in a variety of everyday applications: smartphones, portable devices, automotive electronics, industrial process control and medical applications, and the Internet of Things.

Scheduled to be completed by the end of 2018, the new production line will enable Okmetic to innovate faster, improve product quality and manufacture the most advanced wafers.

Okmetic Image archive: [www.okmetic.com/media/image-archive](http://www.okmetic.com/media/image-archive)

#### **Further information:**

**Anna-Riikka Vuorikari-Antikainen**, Senior Vice President, Customers and Markets, Okmetic Oy

tel. +358 40 585 4519, email: [anna-riikka.vuorikari-antikainen@okmetic.com](mailto:anna-riikka.vuorikari-antikainen@okmetic.com)

*Okmetic is the seventh largest silicon wafer manufacturer in the world. Okmetic supplies tailored, high value-added silicon wafers to be used in the manufacture of sensors as well as discrete semiconductors and analog circuits. Okmetic has a global customer base and a sales network that serves customers in Finland, the United States, Japan, China and Hong Kong. In addition, the company has sales agents in China, Korea, Malaysia, Singapore and Taiwan. The company's headquarters is located in Finland, where the majority of the company's silicon wafers is manufactured. The company also has contract manufacturing in Japan and China.*

*The company's 2016 turnover was €75 million, and it has approximately 380 employees. [www.okmetic.com](http://www.okmetic.com)*