

## Press Information

### **Kyocera Participating Joint Green Innovation Project Aims for 40% Energy Saving at Data Centers by 2030**

**Kyoto/London, 29. March 2022.** KYOCERA Corporation together with Fujitsu Limited (the managing company), NEC Corporation, AIO Core Corporation, Kioxia Corporation, and Fujitsu Optical Components Limited has been selected for the "Green Innovation Fund Project/Construction of Next Generation Digital Infrastructure" project in the field of "Next Generation Green Data Center Technology Development" by Japan's New Energy and Industrial Technology Development Organization (NEDO).

As the amount of data increases exponentially, we will jointly develop various technologies to promote energy saving, high capacity, and low delay in data centers to realize a carbon-neutral society. As a result, we aim to achieve 40% or more in energy saving by 2030 compared to conventional data centers at the commencement of research and development.

Through this technological development, Kyocera will help develop the world's first photonic smart NIC<sup>1</sup> (Network Interface Cards) for next-generation green data centers and contribute to low power consumption in data center networks by seamlessly connecting data center equipment with photonic connections.

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<sup>1</sup> A photonic smart NIC is a server element device that photonically converts a smart NIC equipped with a processor that shares processing related to communication.



For more information on Kyocera: <http://www.kyocera.co.uk>

## About Kyocera

Headquartered in Kyoto, Japan, KYOCERA Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the KYOCERA Group, which is comprised of 307 subsidiaries (as of March 31, 2021), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the most experienced producers of smart energy systems worldwide, with more than 45 years of know-how in the industry. The company is ranked #603 on Forbes magazine's 2021 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of over 78,000 employees, Kyocera posted sales revenue of approximately €11,74 billion in fiscal year 2020/2021. The products marketed by the company in Europe include printers, digital copying systems, semiconductor-, fine ceramic-, automotive- and electronic components as well as printing devices and ceramic kitchen products. The KYOCERA Group has two independent companies in the United Kingdom: KYOCERA Fineceramics Ltd. and KYOCERA Document Solutions Ltd.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr. Kazuo Inamori — to individuals worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (approximately €763,000\* per prize category).

\*Date of Survey: June 18<sup>th</sup>, 2021

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