



# PRESS RELEASE

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**EuroHPC**  
Joint Undertaking

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## **RIKEN R-CCS AND EUROHPC SIGN LANDMARK LETTER OF INTENT TO EMPOWER EXASCALE COLLABORATION IN THE HANAMI PROJECT**

**The HANAMI project marked a significant milestone today with the signing of a Letter of Intent (LoI) between RIKEN Centre for Computational Science (RIKEN R-CCS) and the European High-Performance Computing Joint Undertaking (EuroHPC JU). The ceremony took place at the R-CCS booth during the ISC 2025 conference, which is taking place in Hamburg.**

Hamburg, Germany – June 11, 2025

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This pioneering LoI, signed by Satoshi Matsuoka, Director of the RIKEN R-CCS, and Anders Jensen, Executive Director of the EuroHPC JU, enables access for HANAMI European researchers to the Fugaku supercomputer—one of the world's most powerful exascale systems.

The agreement represents a first-of-its-kind collaboration between EuroHPC and RIKEN R-CCS, under the umbrella of the HANAMI project, which aims to foster EU-Japan scientific collaboration by enabling shared access to supercomputers for cutting-edge research. It opens the door for joint Japanese-European research on climate science, materials science, and biomedical sciences, using the full capabilities of the Fugaku supercomputer, housed at RIKEN's Kobe facility.

In parallel with RIKEN R-CCS managing the Letter of Intent regarding access to the Fugaku supercomputer, it is essential to highlight the important role played by Japanese universities in the HANAMI project. While R-CCS provides world-class infrastructure and leadership, HANAMI is a truly collaborative initiative. The contribution of Japan's academic institutions is instrumental in driving scientific innovation and ensuring the project's multidisciplinary success across climate, materials, and biomedical sciences.

"Fugaku is a reference system in the global HPC and AI landscape. Thanks to this LoI, HANAMI can execute and optimise scientific applications at the exascale level, hand in hand with our Japanese partners," said Boillod-Cerneux France, the HANAMI coordinator. "This agreement is a cornerstone in HANAMI's mission, and we are very grateful to both EuroHPC and RIKEN R-CCS for their vision and commitment."

“This Letter of Intent is a strategic step towards fostering international cooperation in exascale computing and brings together excellence from Europe and Japan through the HANAMI project. The collaboration with RIKEN is an example of how the EuroHPC JU seeks to maintain strong relationships with partners across the world. This initiative will empower scientific communities in both regions, and lays the groundwork for long-term collaborative research in critical domains, said Anders Dam Jensen, Executive Director of the EuroHPC Joint Undertaking.

“We are truly honoured to have signed this Letter of Intent with the EuroHPC Joint Undertaking. Fugaku represents the culmination of years of advancement in supercomputing technologies, and we are delighted to share its capabilities with European researchers in the HANAMI project. Through the HANAMI project, we look forward to fostering close collaboration between Japanese and European scientists as they tackle global challenges in climate science, materials development, and life sciences. RIKEN R-CCS believe that this cooperation between Japan and EU in the HANAMI projects and future cooperation makes advancement of science and technology, mention Satoshi Matsuoka, Director, RIKEN Center for Computational Science.

The HANAMI project brings together a network of research and computing centres across Europe and Japan, with the goal of co-designing next-generation HPC applications capable of fully exploring exascale systems. The LoI will facilitate joint scientific and technical activities, knowledge exchange, and long-term strategic cooperation.



#### About HANAMI

HANAMI (Hpc AlliaNce for Applications and supercoMputing Innovation) is a EuroHPC-funded project focused on preparing flagship applications in climate, materials, and biomedical sciences for the exascale era.

HANAMI is a EuroHPC-JU funded project, started in March 2024, that aims to support the implementation of the Japan-EU Digital Partnership by strengthening cooperation with Japan in HPC's priority areas identified in the EU-Japan partnership.

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#### About RIKEN R-CCS

RIKEN Centre for Computational Science (R-CCS), based in Kobe, Japan, is a global leader in high-performance computing and the home of the Fugaku supercomputer.

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#### About EuroHPC JU

The EuroHPC Joint Undertaking (EuroHPC JU) is a legal and funding entity created in 2018 to enable the European Union and EuroHPC participating countries to coordinate their efforts and pool their resources with the objective of making Europe a world leader in supercomputing.

In order to equip Europe with a world-leading supercomputing infrastructure, the EuroHPC JU has already procured ten supercomputers, located across Europe. In parallel, the EuroHPC JU is investing in research and innovation projects to develop a full European supercomputing supply chain: from processors and software to applications to be run on these supercomputers and know-how to develop strong European HPC expertise.

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