

Message from President KOGUCHI



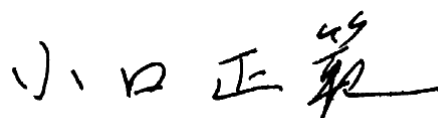
We sincerely thank you for your understanding and continued support for the research and development (R&D) activities of the Japan Atomic Energy Agency (JAEA).

The mission of JAEA is to contribute to the welfare and prosperity of human society through nuclear science and technology (S&T). JAEA has been working on this mission, prioritizing safety, and taking measures against COVID-19.

In response to the accident at the Fukushima Daiichi Nuclear Power Station, we have been working on the R&D of decommissioning and environmental recovery while developing an R&D base in Fukushima Prefecture. Additionally, we are striving to create pioneering research results in material science using neutrons and synchrotron radiation at JRR-3 and J-PARC, etc., in advanced research aimed at discovering new principles and phenomena and in research on improving safety. In the development of fast reactors and advanced reactors, we are undertaking R&D on high-temperature gas-cooled reactor technology, which is expected to achieve carbon neutrality by 2050. We also aim for an early resumption of the operation of the experimental fast reactor Joyo. Furthermore, we will safely and steadily proceed with R&D on radioactive waste treatment and disposal technology and the decommissioning of nuclear facilities, such as Monju, Fugen, Tokai Reprocessing Plants, etc.

In the Future Vision “JAEA 2050+”, JAEA states that it will achieve a “New Era Nuclear S&T” that contributes to solving social issues by promoting the synergy between nuclear energy and other fields. As one of our efforts to achieve this goal, we established JAEA Innovation Hub last year to promote innovation activities. We will continue to strengthen our efforts to disseminate R&D results, such as bridging R&D results for application to the industry.

In this publication, we introduce the latest R&D results obtained from the R&D activities of JAEA. We hope that this publication will help you understand our R&D activities. We would appreciate your continued encouragement and support.



January 2023
KOGUCHI Masanori
President, JAEA