Document 7

NRDAs under the jurisdiction of MEXT (8 Agencies)

Name	Director	Outline	Operation expenses grant Initial budget in FY2017	No. of permanent employees
National Institute for Materials Science (NIMS)	Kazuhito Hashimoto 	Basic R&D of materials for creating new materials such as nanostructure-controlled material synthesis technology **Examples of operation** • Promotion of world-leading research as the nation's core institute for material research (functional materials, structural materials, basic technology for material research); implementation of core model institutional projects under the innovative materials development and improvement program (M3 program), etc.	13,459 million yen	859 (As of May 1, 2017)
National Research Institute for Earth Science and Disaster Prevention (NIED)	Haruo Hayashi 	Basic and fundamental R&D for reducing damage caused by earthquake, tsunami, volcano and climatic hazards **Examples of operation** • Improvement of earthquake and tsunami prediction technology; volcanic hazard observation and prediction study; earthquake disaster mitigation study using E-defense; climatic hazard mitigation study; natural disaster and hazard risk assessment and information leveraging study; stable operation of fundamental earthquake observation networks and advanced research facilities, etc.	7,100 million yen	266 (As of May 1, 2017)
National Institutes for Quantum and Radiological Science and Technology (QST)	Toshio Hirano 	Leading role for creating innovation as an industry-academia-government platform for quantum science and technology **Examples of operation** • New drug development (cancer treatment, etc.) and new material creation (next-generation fuel cell materials, next-generation memory, etc.) through complementary and synergistic use of particle beam facilities; upgrading of medical equipment (PET, etc.); R&D of atomic fusion, etc.	21,609 million yen (Additional 417 million yen for the special accounts for reconstruction)	1,200 (As of April 1, 2017)
Japan Science and Technology Agency (JST)	Michinari Hamaguchi 	By making best use of resources inside and outside the organization as a network institute, and planning and proposing R&D strategies and promoting R&D, comprehensive promotion of knowledge creation and transfer of it to economic and social values as well as future co-creation and human resources development for creating the future **Examples of operation** • Planning and proposal of R&D strategies; promotion of strategic basic research; promotion of high risk and high impact R&D; deployment of R&D by concentrating wisdom in industry-academia collaboration; promotion of international science and technology cooperation; development and provision of knowledge infrastructure; promotion of scientific communication; development and utilization of human resources and promotion of their research activities, etc.	101,869 million yen	1,253 (As of May 1, 2017)
Institute of Physical and Chemical Research (RIKEN)	Hiroshi Matsumoto 	Implementation of basic science research in a wide range of areas, social problem solution type R&D, improvement, sharing and utilization of world-leading research infrastructure as a comprehensive research institute for natural science **Examples of operation** • Study of regenerative medicine for intractable disease treatment using iPS cells; basic research of nuclear physics, etc.; shared use of advanced large research facilities including Spring-8 and the "K" computer etc.	52,591 million yen	3,552 (As of April 1, 2017)
Japan Aerospace Exploration Agency (JAXA)	Naoki Okumura 	Comprehensive R&D in aerospace fields from basic research and development to utilization **Examples of operation** • R&D of rockets as the base for autonomous space activities; R&D and utilization of artificial satellites for disaster response; promotion of space science and exploration using HAYABUSA 2, etc.; promotion of space environment utilization in the Japanese Experiment Module KIBO of International Space Station (ISS); advanced and fundamental R&D for space aeronautics science and technology, etc.	111,286 million yen	2,248 (As of May 1, 2017)
Japan Agency for Marine-Earth Science and Technology (JAMSTEC)	Asahiko Taira 	R&D of maritime issues including ocean floor resources, sea area seismogenic zones, and marine and geoenvironmental fluctuation, etc. according to national and social needs. **Examples of operation** • Exploration of ocean floor resources using the deep sea drilling vessel CHIKYU, and ocean biological resources through ocean-trench earthquake researches and the SHINKAI 6500, etc.	31,718 million yen	1,007 (As of May 1, 2017)
Japan Atomic Energy Agency (JAEA)	Toshio Kodama 	R&D for basic and application research of nuclear power and establishing nuclear fuel cycle **Examples of operation** • Decommissioning study and human resources development in relation to the accident at Fukushima Dai-ichi Nuclear Power Plant, as well as basic research for improving safety, etc.	129,221 million yen (Additional 2,808 million yen for the special accounts for reconstruction)	3,899 (As of May 1, 2017)