



Public/Private R&D Investment Strategic Expansion Program

Aiming at inducing public/private R&D investment

AI Technology Area

Area Director

ANZAI Yuichiro

Senior Advisor, Director of Center for Science Information Analysis, Japan Society for the Promotion of Science



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■ Introduction of main measures

- Construction of the platform to explore drug targets P.17
- Building a smart preventive Long-term care platform P.18
- Building a 5G network utilizing traffic signals P.19
- Smartification of agricultural production P.20

Technical Area of innovative construction and infrastructure maintenance/ innovative disaster prevention and disaster mitigation

Area Director

TASHIRO Tamiharu

Advisor of Kajima Corporation



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■ Introduction of main measures

- Promotion of i-Construction P.23
- Implementation of efficient and effective infrastructure maintenance and renewal P.26
- Improvement of emergency response by providing weather and water level information
 - Development of a system to conduct data assimilation method using observed water levels and provide predicted water levels using forecast rainfall data for small and medium-sized rivers P.27
- Constructing information service platform for disaster risk reduction through public-private partnership to promote effective disaster response
 - *Name of the old measure: Analysis of long-period seismic motion/detailed seismic intensity distribution, etc., and promotion of emergency response based on such analysis results P.28

Bio technology Area

Area Director

KOBAYASHI NoriakiDirector of the Board, Senior Executive Officer
Kirin Holdings Company, Limited.
Member of the Bio-Strategy Experts Committee

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■ Introduction of main measures

- Development of AI for microbiome analysis to accelerate personalized prevention of diabetes P.31
- Proof of concept for data linkage to establish next-generation infrastructure for biomedical data P.32
- Microbiome/biomarker analysis involved in dementia P.33
- Promotion of large-scale building using wood
 - Research and development (R&D) project for implementation of large-scale timber construction contributing to expand wood demand P.34

Quantum Technology Area

Area Director

ARAKAWA YasuhikoSpecially Appointed Professor
Institute for Nano Quantum Information Electronics, The University of Tokyo

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■ Introduction of main measures

- Acceleration of R&D (research and development) in “the Quantum Integration Innovation Area” (Quantum AI Technology) P.37
- Acceleration of R&D (research and development) in “the Quantum Integration Innovation Area” (Quantum Life Technology) P.38

Remoteization/automation of research facilities

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