

Eleven Projects Key to the Rebirth of Japan and Its Position as World Leader

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Innovative Combustion Technology

The Plan for the Rising Sun Engine Initiative to Save the World



Masanori Sugiyama

Toyota Motor Corporation
Advanced Development
Power Train Company
General Manager,
Higashi Fuji Technical Center
Executive General Manager

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Next-generation Power Electronics

Power Electronics Devices Everywhere, for an Energy-Efficient Society and more Affluent Lifestyles



Tatsu Oomori

Mitsubishi Electric Corporation
Chief Technical Adviser, Corporate
Research and Development Group

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Structural Materials for Innovation (SM⁴I)



Teruo Kishi

Innovative Structural Materials
Association
President
The University of Tokyo
Professor Emeritus
National Institute for Materials
Science
Advisor Emeritus

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Energy Carriers

Becoming a New Energy Society



Shigeru Muraki

Tokyo Gas Co., Ltd.
Advisor

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Next-generation Technology for Ocean Resources Exploration

Zipangu in the Ocean Program



Tetsuro Urabe

The University of Tokyo
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Japan Mining Engineering &
Training Center (JMEC)
Executive Adviser

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Automated Driving System



Seigo Kuzumaki

Toyota Motor Corporation
Advanced R&D and Engineering
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Infrastructure Maintenance, Renovation and Management



Yozo Fujino

Yokohama National University
Institute of Advanced Sciences
Distinguished Professor

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Enhancement of Societal Resiliency against Natural Disasters



Muneo Hori

The University of Tokyo Earthquake
Research Institute
Research Center for Large-scale
Earthquake, Tsunami and Disaster
(LsETD)
Professor/Head of Center

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Cyber-security for Critical Infrastructure



Atsuhiro Goto

Institute of Information Security
President

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Technologies for Creating Next-generation Agriculture, Forestry and Fisheries

Creating Agro-Innovation



Noboru Noguchi

Hokkaido University Graduate
School of Agriculture
Vice Dean, Professor,
Research Faculty of Agriculture

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Innovative Design/Manufacturing Technologies

New Production 2020 Project



Naoya Sasaki

Hitachi, Ltd.
Corporate Chief Engineer,
Research &
Development Group