**Innovative Combustion Technology** 

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



Masanori Sugiyama

Toyota Motor Corporation Field General Manager, Advanced Power train Engineering Field

**Next-Generation Power Electronics** 

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



**Tatsuo Oomori** 

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

**Structural Materials** for Innovation (SM<sup>4</sup>I)



Teruo Kishi Innovative Structural Materials Association President University of Tokyo Professor Emeritus National Institute for Materials

Advisor Emeritus

**Energy Carriers** Becoming a New Energy Society



Shigeru Muraki Tokyo Gas Co., Ltd.

Executive Advisor

Eleven Projects Key to

the Rebirth of Japan

and Its Position as

World Leader

**Next-Generation Technology for Ocean Resources Exploration** Zipangu in the Ocean Program



Tetsuro Urabe University of Tokyo Professor Emeritus JMEC Executive Adviser Commission on the Limits of the

Continental Shelf (CLCS) Member

Automated **Driving System** 



Seigo Kuzumaki Toyota Motor Corporation Chief Safety Technology Officer (CSTO) Secretary
Advanced Technologies
Development Company,
Advanced Technologies Division
Project General Manager, Vehicle
Safety Planning

Infrastructure Maintenance, Renovation, and Management



Yozo Fujino Yokohama National University Institute of Advanced Sciences Distinguished Professor

**Enhancement of Societal** Resiliency against **Natural Disasters** 



Masayoshi Nakashima Kyoto University Professor Disaster Prevention Research Institute

**Cyber-security for Critical** Infrastructure



**Atsuhiro** Goto Institute of Information Security Dean and Professor, Graduate School of Information Security

**Technologies for Creating Next-Generation Agriculture.** Forestry and Fisheries Creating Agro-Innovation



Noboru Noguchi Hokkaido University Graduate School of Agriculture Professor, Research Faculty of Agriculture

**Innovative** Design/Manufacturing **Technologies** New Production 2020 Project



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