

## Foreword to Publication of Japanese Smart Energy Products & Technologies

Japanese Business Alliance for Smart Energy Worldwide (JASE-World) was established in 2008 by the economic community and the government for disseminating Japan's excellent energy-saving and renewable-energy products and technologies to the world. This Publication of Japanese Smart Energy Products & Technologies is a summary of information on various products and technologies that the member companies of JASE-World have, and it has been issued every year since 2009. Now, the 2019 version has been published as the 11th issue.

In recent years, there have been increasing movements toward decarbonization all over the world. And energy technologies that lead to fewer emissions of greenhouse gases or systems that lead to more efficient use of energy have come to be more necessary than ever in many countries. If Japan's products and technologies with their excellent capabilities can be disseminated, they will help countries to achieve the SDGs (Sustainable Development Goals) adopted at the United Nations Summit in 2015 from the aspects of improved energy access and countermeasures against global warming as well as greater economic growth.



JASE-World, as a platform for public-private partnership, has conducted a diverse range of activities to disseminate Japan's energy-saving and renewable-energy products and technologies to overseas areas. These include carrying out various types of research analysis, dispatching missions and communicating information. As part of this, this publication highlights the good points of "Japan-brand" products and technologies to a global audience. At the same time, it is a tool for finding specific and effective ways to use energy and take global warming countermeasures according to the circumstances of each country and company. I strongly hope that this compilation will become known to many people in the world, increase the understanding and recognition of Japan's high-quality energy-saving and renewable-energy products and technologies, and help them to eventually spread around the globe.

JASE-World will continue to actively fulfill its mission in the future and would also like to make this publication even more meaningful and highly valuable. I would be pleased if you could find various opportunities to make effective use of this booklet.

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**Hiroaki Nakanishi**

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