

Hitachi's vision for a carbon-neutral future

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Abstract:

To resolve the global challenge of climate change, all sectors – beyond the boundaries of nation or organization - are working together to create new value. Hitachi is also accelerating its efforts to contribute to a circular economy and help realize a carbon-neutral society.

Hitachi's mission is to contribute to society through technology; not just by providing societal infrastructure and products such as energy equipment and rail but also through what we call Social Innovation Business where digital technology is leveraged to deliver new value. Our approach is to work closely with the stakeholders in the ecosystem to drive innovation and co-create solutions that will raise QoL (quality-of-life). The presentation will share what we hope to achieve through Social Innovation Business using "green solutions" in energy systems and transportation focusing on carbon neutrality, as well as R&D activity in electrification and power electronics as examples, and the important role that we believe an industry-academia-government-ecosystem has in driving this innovation.



Biography:

Norihiro SUZUKI is Vice President & Executive Officer, CTO, General Manager of the Research & Development Group, and General Manager of the Corporate Venturing Office of Hitachi, Ltd.

Suzuki joined the Central Research Laboratory of Hitachi, Ltd. in 1986 after completing his M.Eng. at the University of Tokyo. He began his research career in video signal processing, later leading research in Japan as well as the Americas. He became the first General Manager of the new Global Center for Social Innovation, established to lead collaborative creation activities worldwide, in April 2015. He was appointed to his current position as head of the Research & Development Group in April 2016. Suzuki received his Ph.D. from the University of Tokyo in 1995, and was a visiting scholar at Columbia University, USA from 1995-96. He is a Senior Member of IEEE, and a member of IEICE and the Institute of Image Information and Television Engineers.