



Preface

Special Issue on The Environment

A handwritten signature in black ink that reads "Minoru Takeno". The signature is fluid and cursive, with the first name "Minoru" and the last name "Takeno" clearly distinguishable.

Minoru Takeno
Head of Corporate Environmental Strategy Unit

Since the Great East Japan Earthquake of 2011, Japan has been at risk of an insufficient power supply, and the restarting of its nuclear power plants has become a major issue in the country. As a result, energy awareness and values are changing greatly, and the further introduction of green energy and renewable energy, which impose a smaller environmental impact, is being studied. Although Japan has yet to formulate a basic energy plan that addresses these issues, it announced at the 19th Session of the Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC) held in November 2013 that it would target a 3.8% reduction in greenhouse gas emissions by 2020 relative to 2005 emissions as an alternative to the Kyoto Protocol target. This new target, however, represents a 3.1% increase in greenhouse gas emissions relative to 1990, the base year of the Kyoto Protocol. This new target has drawn harsh criticism on the international stage, so studies continue on appropriate energy policies including the use of nuclear power and revision of the greenhouse-gas reduction target.

Amid these developments, the Fujitsu Group as a global enterprise places great importance on solving environmental problems in a proactive manner while taking governmental policies into account. To help address diverse global problems, Japanese enterprises are expected to provide technology and know-how that they have cultivated to regions with developing economies and provide customers and society the support they need to reduce their environmental impact. Amid these expectations, it is important to take an aggressive approach and demonstrate great initiative.

As a new vision of society, the Fujitsu Group advocates a Human-Centric Intelligent Society. This is a society that will foster innovation and enable people to live up to their full potential in a safe and secure environment. It is a society in which information will bring forth new value and growth will be sustainable. Alongside this vision, the Fujitsu Group ranks "consideration for the environment" as an important foundation of all business activities. It aims to work with its customers and society in regions throughout the world to resolve social and environmental issues by, for example, helping to achieve a low-carbon society and promoting resource reuse. This will be accomplished by expanding the use of information and communications technology

(ICT) in various fields including smart cities, energy supply, water provision, transport, medical care, and the agriculture, forestry, and fisheries industry. In this way, Fujitsu seeks to incorporate social innovation—in which the environment is one element—into future business strategies and to promote environmental activities as an integral part of its business operations.

This special issue describes how the Fujitsu Group approaches environmental management and introduces its environmental strategies. It presents products and solutions for achieving a sustainable society, research and development activities in support of green innovation, efforts at preventing global warming as in the development of environmentally conscious data centers, and strategies to preserve biodiversity through the use of ICT. To all of our readers, we sincerely hope that you find this special issue interesting and informative, and we look forward to your ongoing support and feedback.