Fujitsu Group Environmental Report 2015

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Deploying Sustainability Solutions

Our Approach

Achieving a sustainable society requires that we address a variety of environmental and social issues including: measures against global warming by reducing GHG emissions, adaptation to the effects of climate change, resource efficiency, conservation of biodiversity, food supply security, and urbanization.

In response, the Fujitsu Group is increasing deployment of sustainability solutions as we continue to respond to global environmental and social issues through ICT solutions. We are studying and implementing these solutions through the global members of our Environmental Solutions Committee and its constituent working group (WG).

Summary of FY 2014 Achievements

Targets under the Fujitsu Group Environmental Action Plan (Stage VII) (toward FY 2015)	Increase the deployment of sustainability solutions.
FY 2014 Targets	Uncover case studies to demonstrate how solutions contribute to sustainability. Strengthen our solutions portfolio.
FY 2014 Key Performance	Identified 12 solutions that contribute to sustainability to strengthen our solutions portfolio in the field of climate change, and gathered case studies.

FY 2014 Performance and Results

Identified 12 Solutions that Contribute to Sustainability

The working group (WG) established to achieve the targets of the Environmental Action Plan (Stage VII), verified the criteria set in the previous fiscal year for solutions that contribute to sustainability, and identified 12 solutions in particular that contribute to mitigating and adapting to climate change. Furthermore, the WG formulated a plan for communicating our stories globally in order to further expand our provision of these solutions.

TOPICS

Starting Operation in Jakarta, Indonesia of a Participatory System for Sharing Disaster Information between Citizens with Smartphones

In recent years, abnormal climate conditions and massive floods occurring in multiple locations across the globe are impacting many citizens and regional economies. As a means of boosting countermeasures against these types of disasters, Fujitsu and PT. Fujitsu Indonesia, with help from the Japan International Cooperation Agency's (JICA) Indonesia Office, introduced a system in Jakarta, Indonesia that allows citizens to participate in sharing disaster-related information.

This system, which utilizes the high concentration of smartphones in Indonesia, provided approximately 10 million citizens with a special app. The citizens installed the app so that they could send pictures and text describing the water levels of streams and rivers, as well as rainfall information, which they observe. Using the GPS information from each smartphone, these multiple reports are compiled and displayed within a map. Citizens can then use the same app to view this information. In addition, the system is connected to the existing disaster information management system of Jakarta's Regional Disaster Management Agency. During disasters, alerts from the Agency are sent to smartphones (that have installed the app) in real time. For Jakarta, which faced capital procurement hurdles to establishing an advanced observation network for gathering disaster data, the system is arguably the best solution due to its low cost and ease of adoption.

Furthermore, since the same app can be used to collect more water level and rainfall information as greater numbers of citizens contribute observations, it is expected to help improve citizens' awareness of self-initiated and independent disaster preparedness and disaster mitigation.

Overview screen   Report screen
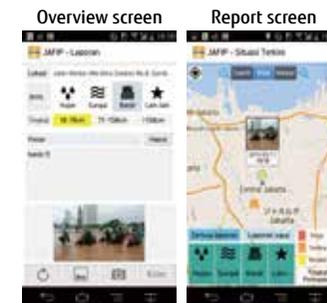
High floods in Jakarta

FY 2015 Targets and Plans

Deliver Messages to Customers on Solutions Contributing to Sustainability

With the aim of increasing the deployment of solutions to customers, during FY 2015 we will broadly disseminate messages on solutions contributing to sustainability through our website and other channels.

We will also work to provide case studies and to expand our lineup of solutions.