

NTT Group Sustainable Action Report

Building a Better Future

The evolution of climate change



Frequent large-scale disasters



Growing educational inequality



Accelerated aging of societies



Information security crises



NTT Group Initiatives toward Achieving the Sustainable Development Goals (SDGs)

NTT Group has worked to resolve issues in society and has contributed to the achievement of a sustainable society through products and services that utilize ICT. In recent years, however, global-scale societal issues have become more severe, making Group-wide initiatives to resolve these all the more important.

In response, NTT Group announced in September 2016 its endorsement of the UN's Sustainable Development Goals (SDGs). Our Group companies have identified the correlations between their businesses and the 17 goals of the SDGs, and are making efforts toward their achievement.

As an example, every year we hold the NTT Group CSR Conference to instill awareness of CSR in employees. There we identify correlations

with the 17 goals of the SDGs, while Group companies share cases in which they have resolved societal issues through business activities, as superior CSR initiatives. Through this, we instill in employees a recognition that daily business activities and CSR are one and the same. In addition, we revised the training content to be based on SDGs, and are enhancing Group employees' awareness of the subject through e-learning.

We hope to continue building our momentum toward achieving the SDGs through a variety of initiatives. We will do our best to do so not only through the use of our own products and services, but also through collaboration with partners on technologies and knowledge.

SUSTAINABLE DEVELOPMENT GOALS 17 GOALS TO TRANSFORM OUR WORLD



Sustainable Development Goals (SDGs): The goals were incorporated into the 2030 Agenda for Sustainable Development adopted by the leaders of over 150 UN member nations at the UN Sustainable Development Summit in September 2015, and came into effect in January 2016. They comprise 17 goals and 169 targets based on the Millennium Development Goals (MDGs). To realize sustainable development, each member country should aim to achieve various goals by 2030, including eradicating poverty and hunger, responding to energy and climate issues, and pursuing a peaceful society.



There are many global issues, such as climate change, that require solutions. And to solve these issues, there is an urgent need for the governments, companies, and organizations of all countries and regions to work together. Companies in particular are expected to provide innovation that will bring about a sustainable society. NTT Group comprises 275,000 employees providing network services across 169 countries and regions, and our actions can significantly change the world for the better. We will pursue an abundant society with the highest level of services leveraging ICT and the actions of each of our individual employees. Based on this thinking, we will fulfill our Corporate Social Responsibility (CSR) guided by our four

Solution are achieved through the daily CSR activities of each individual employee.

CSR goals – “Enrich Social Communication,” “Protect the Global Environment,” “Ensure Reliable Communications,” and “Unite the Energies of Team NTT.” Priority activities are determined based on the specifics of the business implementing them, such as contributing to society/environment through ICT, responding to climate change, strengthening information security, or promoting diversity. CSR can only be implemented through action by each individual Group member, regardless of affiliation and type of work. We will always pay attention to the issues facing stakeholders and society, develop our individual capabilities, and apply this growth to solving social issues.

NTT Group CSR Charter

Our Commitment

NTT Group delivers the highest quality ICT solutions as a “Value Partner” for customers and contributes to the creation of a prosperous and sustainable society with vibrant communication.

Our CSR Goals

Ensure Reliable Communications

We address social and ethical concerns as an infrastructure enterprise that supports society while protecting livelihoods by securing online information in a robust communications environment that can withstand natural disasters and cyber-attacks.

→ p7

Unite the Energies of Team NTT

Team NTT and its partners maintain the highest ethical standards and respect for human rights in business; value diversity and personal growth in the workplace; and contribute to building vibrant local communities.

→ p8



Enrich Social Communication

Our innovative ICT expertise enhances societal connectivity and convenience while providing a communications environment for addressing local and international challenges to sustainable community development.

→ p5

Protect the Global Environment

We reduce environmental impact throughout our business, apply ICT to alleviate the environmental load of society, and actively engage in resolving worldwide environmental issues.

→ p6



Enrich Social Communication



CSR Priority Activities

Contribute to society through ICT

Pursue customer satisfaction

Improve access to ICT

Generate innovation

Contribute to society through ICT Case study

NTT DATA

Preserving heritage with ICT

Vatican library digitization project

The Vatican Apostolic Library carefully preserves a vast collection of books and documents with a history of over 2,500 years, as well as illuminated manuscripts of significant aesthetic value. This collection includes extremely rare hand-written manuscripts that are in danger of becoming illegible due to age.

Since 2014, NTT Data has been involved in digitally archiving these historical artifacts for posterity. These rare documents are humanity's treasures, and by creating a digital archive that can be browsed by anyone, we are applying ICT to contribute to a solution that will benefit the children of the future.



A Kufic Qur'an
©Biblioteca Apostolica Vaticana



The Vatican Apostolic Library
©Biblioteca Apostolica Vaticana



Protect the Global Environment



CSR Priority Activities	Use ICT to contribute to the environment	Reduce the environmental impact of business operations
	Reinforce value chain management	
	Address climate change	Effectively use resources

Use ICT to contribute to the environment **Case study**



Protecting animals with ICT

Monitoring system to protect South African rhinoceroses from poaching

It is feared that rhinoceroses, which live mainly in South Africa, will become extinct due to poaching by the year 2025. Dimension Data, which is based in South Africa, is working with Cisco Systems to carry out a poaching prevention system, called Connected Conservation.

This solution is being used to protect wild animals. By monitoring and tracking the movements of people in the rhino habitat, it is possible to provide safe havens for the rhinos, without putting them under stress. Dimension Data will make this solution help in the protection of other endangered species.

This is the first time this advanced ICT infrastructure



Park area network





Ensure Reliable Communication



CSR Priority Activities

Protect personal information

Reinforce information security

Ensure stability and reliability of communications services

Ensure stability and reliability of communications services Case study

Peace of mind from ICT



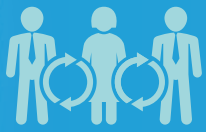
Communications service that ensures reliable connections

Maintaining working phone services is essential for people to live with peace of mind. Maintaining communications is NTT Group's mission. In Japan, we are building a doubled communication network that is resistant to natural disasters with NTT East and NTT West fiber optic service networks and NTT DOCOMO cellular service. Although it is difficult to maintain the

communications environment in Japan, which is mountainous, we are supporting the daily peace of mind of the people.

Outside of Japan, NTT Communications lays undersea cables and building networks between large capacity data centers. We, the NTT Group, will continue to build safe and reliable communications infrastructure.





Unite the Energies of Team NTT



CSR Priority Activities	Promote diversity	Promote safety, health and welfare
	Respect human rights	Create attractive workplaces
	Reinforce value chain management	Promote a united Group effort on social contribution activities

Promote a united Group effort on social contribution activities **Case study**



Raising talent for the next generation of ICT

Unearthing and empowering “talent” across the globe

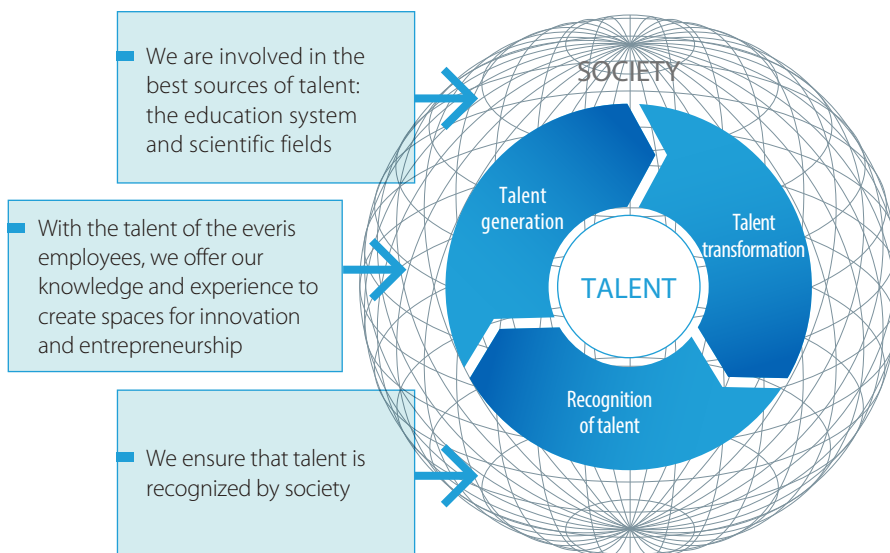
The everis foundation was established based on the philosophy that “talent transforms society.” It develops a variety of activities to act as an engine for unearthing and developing talent in areas where everis conducts business around the world.

The foundation is contributing to society through a broad range of activities, including presenting the

everis Awards which unearth original, technology-related projects that are transforming society and support them on the road to success, operating a crowd-funding platform, providing support for skills development in children, and providing teenaged girls with personal networks aimed at closing the gender gap.

everis’ Framework

We give back to society the best we get from it: talent as a driver of progress



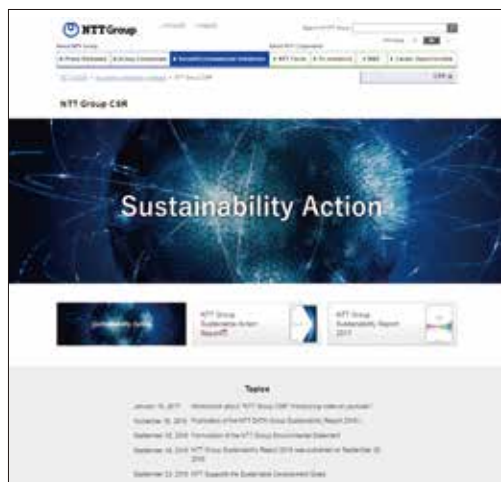
2017 Global Award winner Mr. David Pistoni and the winner of the special mention, Mr. Santiago Lalindes



Members of the Púlsar Program for teenaged girls in Spain

「NTT Group CSR」

http://www.ntt.co.jp/csr_e/index.html



This is NTT Group's CSR website, which serves as a portal for accessing a range of information about NTT Group's CSR activities concerned with solving social issues, such as FY2017 CSR Reporting and video messages from Group employees around the world.



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