

TTC's activities and SDG s

Japan has various social issues in areas such as super-aging and population declining, responding to natural disasters, cyber security, medical and healthcare, efficiency of corporate management.

To solve these social issues, TTC has stated to contribute to SDGs in the international standardization as well as its promotion activities.





































SDGs (Sustainable Development Goals): In September 2015, unanimously adopted at UN headquarters in New York, 17 goals aimed at 2030 and development targets consisting of 169 targets



Activities of TTC in 8 pillars of Japanese version SDGs (1st edition)

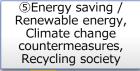
1)Promotion of the activities of all people



Promote

3

4 Development of a sustainable, resilient land and high quality infrastructure



6 Conservation of the environment such as biodiversity, forests and oceans

7 Realization of a peace, security and security society

System and means for promoting SDGs







for disabled

people and

barrier-free

multilingual

ICT utilization

depopulated

areas in Asian

such as

countries

for digital divide

- development of ICT use cases in health and promoting medical fields reform of working style collaboration Realization of accessibility X with ITU and note using ICT **WHO**
- Realization elderly people telemedicine Realization of and health information by management services communication using ICT Support for

③Growth market creation, regional revitalization, science and technology innovation



- **Implementing** an IoT common platform that supports smart cities, smart communities, and regional revitalization that realize
- digital transformation Providing a platform for collaboration and human resource development to activate open innovation and promote new business development and value creation
- Realization of smart infrastructure that combines convenience, safety and economy
- Promote global deployment of ICT infrastructure that helps disaster prevention and mitigation and is resilient to disasters

 Promotion of energy saving and regeneration by ICT utilization to

support the 2030 energy consumption efficiency improvement and CO2 emission reduction target achievement Promote development of environment al impact assessment methods etc. using ICT

Realization of smart primary industries (agriculture, fishery, forestry, etc.) using ecoefficient ICT

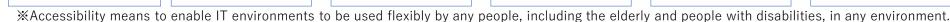
·Support for the appropriate build a can be used to distribute and utilize data safely and safely

use of ICT to platform that ·Clarification of security risks and measures to be implemented by the spread of IoT, and support for corporate collaboration and service

development

activities

- ·Promotion of global standardization activities in the ICT field and partnerships with international, regional and national standardization organizations and forums aiming for international standardization , etc. Dissemination of latest
- technologies and standardization trends through websites, TTC reports, seminars, etc.





Activities of TTC in 8 pillars of Japanese version SDGs (1st edition)

(1)Promotion of the activities of all people





③Growth market creation, regional revitalization, science and technology innovation



4 Development of a sustainable, resilient land and high quality infrastructure



⑤Energy saving / Renewable energy, Climate change countermeasures, Recycling society

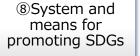


6 Conservation of the environment such as biodiversity, forests and oceans



(7) Realization of a peace, security and security society

16





Development of trend survey and standardization activities such as following technologies corresponding to each pillar and spread enlightenment

[Core Technology]

IoT, AI, Big Data, Security, Software, Network Slicing, Open Source Software, 5G, Optical Fiver, etc. **ICT Infrastructure**

- ·Accessibility
- ·Telework
- ·RPA
- ·e-learning
- ·Net119
- ·IPTV
- ·Telephone relay service
- ·Digital signage

- Data health
- E-health
- Safe
- listening
- Brain
- information collection and utilization
- 8K medical application

- OneM2M/IoT
- Connected car
- · AI / ML
- · VR / AR Robotics
- Open data

- Net2030
- Social
 - infrastructure monitoring Resilient disaster
 - prevention and mitigation
 - Emergency call system
 - Compact city
 - · VHUB system

- HEMS
- BEMS
- Smart community Smart grid **Environmental**
- impact assessment
- Reuse of rare metals
- IoT area network

- Monitoring
- Sensina
- Information security
 - management
 - Cyber security
 - Soft error
 - Block chain
 - Ouantum cryptographic communication

- · ITU-T
- · ISO / IEC
- •GSC (global)
- APT / CJK (Asia)
- IEEE / IETF /
- W3C
- IIC / various forums