Applicants shall choose one of this year's goals and targets of the SDGs and additional goals and decide an R&D theme.

When deciding the R&D theme, applicants should consider the correlation among multiple goals of the SDGs. It is vital to understand how closely every goal of the SDGs is linked to each other, when considering the pursuit of synergy as well as trade-offs, such as economy and the environment, among the goals. In designing an R&D theme and its implementation plan, interdisciplinary approaches are required in addition to disciplinary or sectoral contribution to the field of science, technology, and innovation.

## Goal 6 "Clean water and sanitation"

# CLEAN WATER AND SANITATION

#### **Targets**

- 6.1 Access to safe and affordable drinking water
- 6.2 Access to sanitation and hygiene
- 6.3 Reducing pollution, minimizing release of hazardous chemicals and materials
- 6.4 Increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater
- 6.5 Integrated water resources management
- 6.6 Protect and restore water-related ecosystems

# Examples of R&D Themes

#### Access to safe water and sanitation

e.g. Reduce waterborne diseases by ensuring safe drinking water and access to toilets, Installation of water storage tanks, Introduction of water purification technologies, Improving the quality of life of residents, Reduction of open defecation, Increased educational opportunities for women and girls



## Water Resources Management

e.g. Development of high quality, reliable, sustainable and resilient infrastructure, Sustainable management and efficient use of natural resources, Management of water resources development. Monitoring of water resources



#### **Pollution Reduction**

e.g. Reduction of untreated wastewater by the introduction of wastewater treatment technology such as living, industrial, sewage, Reduction of soil contamination, Suppression of release of harmful chemical substances



## Goal 11 "Sustainable cities and communities"

