

■ Appendix 1: Goals, Targets, and Examples of R&D Themes for 2020

For the 2020 Hitachi Global Foundation Asia Innovation Award, Goal 2 (End Hunger) and Goal 3 (Good Health and Well-Being) and several targets (2.2, 2.3, 2.4 and 3.3, 3.6, 3.8, 3.9) have been selected and relevant R&D themes have been established. These selections were made after considering the relatively low achievement in SDG indicators in ASEAN countries according to the Sustainable Development Report 2019 issued by Bertelsmann Stiftung and the Sustainable Development Solutions Network (<https://www.sdgindex.org/>).

Applicants must choose one or more goals and targets, establish an R&D theme, and describe it in the application form.

When establishing R&D themes, applicants should consider interrelatedness among multiple SDGs. Understanding the integrated nature of SDGs is vital in the pursuit of synergy between multiple SDGs and the management of trade-offs between multiple goals such those related to the economy and the environment. In designing an R&D theme and its implementation plan, interdisciplinary approaches are required in addition to disciplinary or sectoral contributions in science, technology, and innovation.

The following chart illustrates how Goal 2 and Goal 3 relate to other goals. For instance, in order to achieve a specific target such as agricultural productivity for Goal 2, water and soil quality, infrastructure, and energy accessibility need to be improved. The red text indicates examples of R&D themes.

