6 Promotion of university initiatives toward the year 2050

<Main future efforts>

- Promptly improving the education and research environment, including university curricula, without waiting until 2050.
    - Promoting education and research across and through the cooperation of faculties, including the establishment of degree programs that contribute to carbon neutrality.
    - Creating leading initiatives by utilizing the limited and exceptional capacity increase of regional national universities.
    - Accelerating recurrent education related to carbon neutrality through the enhancement of the course completion certification system in graduate schools, expansion of credit recognition prior to enrollment, and shortening of the period of attendance.
    - At the elementary and secondary education levels, promoting inquiry-based learning such as STEAM education, in which students integratedly apply what they have learned in each subject to issues in real life and society such as global environmental problem.

- Strengthening cooperation between universities and local communities.
    - Promoting the social implementation of knowledge and technologies for carbon neutrality by discussing and rolling out advanced initiatives and research results on cooperation with local communities and human resource development through the "University Coalition for Achieving Carbon Neutrality," in which the national and local governments, companies, and universities in Japan and abroad participate.
    - Widely collecting and disseminating information on internship initiatives at universities, etc., through the use of the "University Coalition" and others.

- Examining methods for analyzing economic ripple effects.
    - Promoting discussions with the aim of establishing methods for identifying and analyzing groups of items that contribute to carbon neutrality, including the possibility of reflecting them, for example, in the inter-industry relations table, which allows the calculation of economic ripple effects.
    - In addition, related ministries and agencies will work together to promote research and development of statistics, such as Green GDP (tentative name), and indicators that take environmental factors into account.