

Innovation WG

Outline

In order to achieve carbon neutrality, it is necessary to promote research and the development of innovative technologies, as well as to bring the various technological seeds that exist in universities and research institutes to society through industry-academia-government-private sector collaboration and accelerate their implementation.

In this regard, universities are expected to play a leading role in developing initiatives that involve as many entities as possible, in cooperation with industry and local government networks. From this point of view, it is necessary to accelerate industry-academia-government-private sector collaboration.

From this perspective, universities should share, develop, expand, and enhance their existing efforts in industry-academia-government-private sector collaboration, accelerate joint research by matching the seeds of universities with the needs of enterprises, etc., and promote the development of new research and development projects.

facilitate the transfer of research results to regional empirical research and social implementation, and backcast from the vision of a future society to identify the necessary technological issues and promote the development thereof .

The project will also consider and implement the ideal mechanisms for social implementation of new R&D through industry-academia-government-private sector collaboration, etc.

Mission

To accelerate joint research on decarbonization technologies and other knowledge that will contribute to the achievement of carbon neutrality, and the social implementation of the results of such research, we will strengthen industry-academia-government-private sector collaboration at the national, regional, and local levels.

Direction of Activities

Share and disseminate the results and issues related to the advanced efforts of industry-academia-government-private sector collaboration initiatives at each university, etc., and expand and enhance these efforts.

Consider the creation of a mechanism for new R&D and social implementation through industry-academia-government-private sector collaboration toward the common goal of achieving carbon neutrality and put these ideas into practice based on the discussions.

Examples of perspectives

Establishment of a database that cross-sectionally connects the information held by each university's industry-academia-government collaborating organization, etc.

Consolidation of decarbonization technologies, including university research seeds, and identification of issues

Strengthening the bridging functionality to connect research results to empirical research and social implementation

Identifying technological issues backcast from the vision of a future society and promotion of research

Promote inter-university collaboration on research themes that would be difficult for local communities to tackle alone

Identification of areas of technology and social infrastructure ("collaborative areas") that will serve as the basis for activities by domestic entities toward decarbonization.

Establish a forum to bring together researchers in a wide range of fields from humanities and social sciences to the natural sciences to discuss feasible measures to achieve carbon neutrality from the viewpoint of promoting not only technological innovation but also lifestyle innovation and social innovation through rulemaking, etc.