

Human Resource Development WG

Outline

Carbon neutrality requires both technological and social innovation, and it is necessary to face unknown issues that cannot be solved by existing technologies and knowledge alone.

As the development of human resources who will take on these challenges and the improvement of environmental literacy become urgent issues in the world and in Japan.

The field of environmental education and training is involved in a wide variety of complex issues and requires cross-disciplinary knowledge on what kind of human resource development and other measures should be taken.

It is also important to develop human resources that meet the needs of society, to foster problem-solving skills based on practical application in society, and to foster social entrepreneurs.

From this perspective, in cooperation with companies and local governments, while also incorporating knowledge from advanced cases overseas, we will deepen discussions on the elements necessary for developing human resources to achieve carbon neutrality, as well as promote efforts to create curricula and teaching materials in collaboration with universities, etc., and to promote human resource exchanges between companies, local governments, and universities.

Mission

In order to promote human resource development initiatives at each university and the exchange of human resources between industry, academia, government, and the private sector in order to achieve carbon neutrality.

In order to promote human resource development to achieve carbon neutrality, we will consolidate and share advanced knowledge from Japan and overseas, and consider and implement new joint initiatives through inter-university cooperation, etc., and horizontally deploy the results.

Direction of Activities

The WG will consolidate and share the results of efforts made at each university in this field regarding human resource development and personnel exchanges. In addition, we will share cutting-edge examples and knowledge on effective teaching methods for developing basic competencies such as problem-solving skills and communication skills by implementing problem-solving practices in collaboration with citizens in local communities and introducing student-led initiatives in collaboration with local schools, such as high schools.

While incorporating overseas knowledge and domestic results through international collaboration, we aim to consider and implement new collaborative initiatives between universities and among industry, academia, government and the private sector to create joint curricula and teaching materials (such as literacy education at the liberal arts college level and more specialized education) to develop human resources toward achieving carbon neutrality, we will consider and aim to implement new collaborative initiatives through inter-university cooperation and industry-academia-government-private sector partnerships for the creation of joint curricula and teaching materials (e.g., literacy education at the liberal arts undergraduate level and more specialized education) for human resource development to achieve carbon neutrality.

[Examples of international findings.]

The Sustainability and Education Policy Network (SEPN), International Association for the Evaluation of Educational Achievement (IEA) Report

Discussions will be held on the direction of human resource development and other efforts to achieve carbon neutrality.

Example of viewpoints

The direction to be taken and necessary elements for human resource development to achieve carbon neutrality (including perspectives on future employment)

How to promote human resource exchange (including internships) among companies, local governments, and universities in the region, etc.

How to create opportunities for collaboration between industry, government, academia, and the private sector to incorporate the needs of companies and local governments and to cooperate in human resource development, etc.