

- In response to a request from the governor of Fukushima Prefecture, the Ministry of the Environment (MOE) commenced the Fukushima Regeneration/Future Oriented Project in August 2018.
- Under the "Cooperation Agreement on Future Oriented Environmental Plans Aimed at Recovery in Fukushima" concluded in August 2020, Fukushima Prefecture and the MOE will promote initiatives further cooperatively.

Concrete Ideas

- In response to local needs in Fukushima Prefecture, promote not only initiatives for environmental restoration but also initiatives toward a new stage of reconstruction of Fukushima to create and rediscover local value from environmental perspectives, including Decarbonization, Material Cycles and Natural Symbiosis.
- Strategically implement a cross-sectoral policy package by combining programs of the Ministry of the Environment effectively, while taking the side of local communities through PR activities and information provision, including risk communication, in response to people's concerns about health effects of radiation.

Support for creation of industries

< Job creation >

● The MOE supports the creation of the waste recycling industry. As a joint program with local companies, a non-combustibles recycling facility was completed in October 2020.



Advanced recycling technology for solar panels

Non-combustibles recycling facility



● Demonstrations of advanced recycling technologies and commercialization thereof are being promoted (recycling of used solar panels, an automatic sorting system using AI).

Support for Fukushima Green Reconstruction

< Reconstruction using natural resources >

● Promoting measures to enhance national and quasi-national parks based on "Fukushima Green Reconstruction" formulated with Fukushima Prefecture in April 2019.



Restoring of the Ozenuma Visitor Center

● Environmentally-friendly tourism and the use of traffic technologies with lower CO2 emissions are discussed.

Support for decarbonized town development

< Reconstruction living environment >

● The MOE supports new town development to realize a decarbonized society.

● In FY2021, the MOE conducted feasibility studies (FS) for five programs, including the supply of green hydrogen to a biomass resin production plant, the installation of wave-power devices, and a farming-type photovoltaic generation system supposing cultivation of sokoki, etc.



Support for local revitalization

● By utilizing Reprun Fukushima, a specified waste landfill information facility, the MOE is contributing to the facilitation of Hope Tourism.

● The MOE held a rice cultivation event, inviting student volunteers from the capital region in Naraha Town, and held an Ebisuko festival jointly with Tomioka Town.

● The MOE participated in an exhibition held at Shinjuku Gyoen National Garden and offered cooperation for the holding of the Fukushima Marche.



Project to dictate stories of disaster victims

Prepared by the Ministry of the Environment

In response to local needs in Fukushima Prefecture, the Ministry of the Environment (MOE) is promoting not only initiatives for environmental restoration but also initiatives toward a new stage of reconstruction of Fukushima to create and rediscover local value from environmental perspectives, including Decarbonization, Material Cycles and Natural Symbiosis.

In August 2020, the MOE concluded the "Cooperation Agreement on Promotion of Future-oriented Environmental Measures for the Reconstruction and Fukushima" with Fukushima Prefecture. Under this agreement, the MOE is promoting future-oriented environmental measures in collaboration with the prefecture, such as steadily promoting the Fukushima Green Reconstruction Concept and promoting countermeasures against global warming at the same time as the reconstruction of Fukushima.

In February 2021, the 10-year anniversary of the earthquake, the MOE published its policy to implement new, future-oriented, environmental measures as one of its missions at a time when Fukushima Prefecture makes a step forward for full-fledged reconstruction and regeneration. Based on the Cooperation Agreement with Fukushima Prefecture, the MOE will proceed with measures from three viewpoints, namely creation of pioneering communities through carbon-free reconstruction, rebranding of the prefecture as environmentally advanced areas, and succession of memories of environmental restoration of Fukushima.

Included in this reference material on March 31, 2022

- The framework aiming to **create new industries** in Hamadori District for the purpose of industrial revitalization of the district
- The "Fukushima Innovation Coast Promotion Organization" (since July 2017; President: Saito Tamotsu (Senior Advisor, IHI)), the national government, Fukushima Prefecture, and municipalities are cooperatively carrying out activities for such purposes as forming industrial clusters, providing education and fostering human resources, increasing the number of visitors, and providing information, while placing the focus on **six priority fields**.

Six priority fields

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| <p>Decommissioning</p> <p>Technology development calling for wisdom domestically and internationally</p> <p>Nanbu Center for Remote Control Technology Development where demonstration tests necessary for decommissioning work, etc. are being conducted</p>  | <p>Robots and drones</p> <p>Accumulation of the robot industry centered on the Fukushima Robot Testing Field</p> <p>Fukushima Robot Testing Field that simulates an environment for using field robots on land, at sea and in the air</p>  | <p>Medical field</p> <p>Cultivation of companies' sales channels through support for technology development</p> <p>Fukushima Medical Device Development Support Centre</p>  |
| <p>Energy, environment and recycling-related field</p> <p>Establishment of cutting-edge renewable energy recycling technology</p> <p>Promotion of the introduction of renewable energy</p> <p>Miyako no Sata Wind Farm in Minamisanriku</p>  | <p>Agriculture, forestry and fisheries industry</p> <p>Revitalization of the agriculture, forestry and fisheries industry by the use of ICT and robot technology</p> <p>Creation of a new agricultural model by the use of ICT</p> <p>Demonstration of driverless tractors</p>  | <p>Aerospace</p> <p>Demonstration of a flying vehicle and invitation of related companies</p> <p>Aerospace Festa Fukushima</p>  |

Fukushima Innovation Coast Promotion Organization, national government, Fukushima Prefecture, municipalities, etc.

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| <p>Industrial clusters</p> <ul style="list-style-type: none"> ➢ Top-level activities to invite companies and support matching ➢ Support for construction of plants and development of new products | <p>Education and human resources development</p> <ul style="list-style-type: none"> ➢ Holding of classes to foster human resources in collaboration with educational institutions | <p>Increase of the number of visitors</p> <ul style="list-style-type: none"> ➢ Creation of new attractions jointly with local communities | <p>Information provision</p> <ul style="list-style-type: none"> ➢ Opening of the Great East Japan Earthquake and Nuclear Disaster Memorial Museum and holding of symposiums  |
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Regarding the Fukushima Innovation Coast Framework, deliberations were commenced with the aim of having people around the world witness the spectacular recovery of the Hamadori District at the time of the Tokyo Olympic and Paralympic Games in 2020. The Study Group on the Fukushima Innovation Coast Framework compiled the Framework in June 2014, aiming to build a new industrial base in the Hamadori District in order to recover the industry and employment in the district that was severely affected by the earthquake and the nuclear disaster.

For achieving the framework, efforts have been made to develop bases for R&D on decommissioning, research and demonstration on robot technology, and information provision (archives base), to materialize projects in such fields as environment and recycling, energy including hydrogen and renewable energy, the agriculture, forestry and fisheries industry, medical services, and aerospace, and to form industrial clusters, foster human resources and develop living environment, etc.

In December 2019, the Reconstruction Agency, the Ministry of Economy, Trade and Industry and Fukushima Prefecture jointly compiled the "Blueprint of Industrial Development Placing the Fukushima Innovation Coast Framework at the Core," which shows envisaged independent and sustainable industrial development in the Hamadori District and concrete measures therefor also in consideration of the future after the reconstruction and revitalization period. Based on the Blueprint, Fukushima Prefecture formulated a draft revision of the Intensive Promotion Plan based on the Act on Special Measures for the Reconstruction and Revitalization of Fukushima in March 2020, and the revised plan was approved by the Prime Minister on May 1, 2020.

Additionally, Fukushima Prefecture established a general incorporated foundation, "Fukushima Innovation Coast Promotion Organization," in July 2017 as the central organization in promoting the Fukushima Innovation Coast Framework towards its realization. The Organization has strengthened its system sequentially since April 2018 and became a public interest incorporated foundation on January 1, 2019. In June 2020, the Act on Special Measures for the Reconstruction and Revitalization of Fukushima was amended, and a system was newly introduced to make it possible to dispatch national public employees to the Organization while maintaining their status as national public employees.