

## New Stage of Reconstruction

# Fukushima Regeneration/Future Oriented Project

- 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.



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

Advanced recycling technology for solar panels

#### Non-combustibles recycling facility



### 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.
- In 2022, Bandai-Azuma and Inawashiro Area Step-up Program 2025, Project to Fully Enjoy the Bandai-Asahi National Park was formulated to promote related initiatives. In August 2023, Bandai-Asahi National Park (Tsuchiyu Onsen and Takayu Onsen) was registered as a Zero Carbon Park.



Renovation of the Ozenuma Visitor Center

### Support for decarbonized town development

#### < Reconstruction living environment >

- The MOE supports new town development to realize a decarbonized society.
- In FY2023, the MOE conducted feasibility studies (FS) for three programs and provided financial support for the introduction of an independent and distributed energy system, etc. for 11 programs. Additionally, the MOE established the "Decarbonization x Reconstruction" Town Planning Platform in March 2023, aiming to promote relevant initiatives in collaboration among diverse entities in and outside Fukushima.



Support for introduction of a solar power generation system to a seaweed factory in Minamisoma City (FY2022 program)

Environmental restoration / Risk communication  
Decarbonization/Recycling/Coexistence with nature  
Contribute to reconstruction and regeneration

### Support for local revitalization

- Radiation risk communication for environmental restoration projects through the utilization of Reprun Fukushima, a specified waste landfill information center.
- The MOE held events in Shinjuku Gyoen National Garden or other places under its jurisdiction to introduce the attractions of Fukushima and the status of environmental restoration in Fukushima.



Local revitalization activities

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 (Fukushima Regeneration/Future Oriented Project).

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

With the aim of promoting waste treatment and creation of industries in Restricted Areas, a non-combustibles recycling project in public-private collaboration was adopted and a non-combustibles recycling facility was completed in Okuma Town in October 2020. In addition, since FY2021, the MOE has been implementing a project to promote the creation of pioneering communities titled "Decarbonization x Reconstruction" Town Planning and has intensively supported *survey*, *planning*, and *equipment* for introducing an independent and distributed energy system, etc. in Fukushima. Solar power generation systems were introduced to the Okuma Town Office Building and a seaweed factory in Minamisoma City.

In April 2019, the Fukushima Green Reconstruction Concept was formulated with the aim of reconstructing Fukushima by the use of natural resources, such as natural parks, and in November 2020, the Fukushima Green Reconstruction Promotion Council was established to promote cooperative initiatives by Fukushima Prefecture, the MOE, and municipalities and relevant bodies in Fukushima. In March 2022, the Bandai-Azuma and Inawashiro Area Step-up Program 2025, Project to Fully Enjoy Bandai-Asahi National Park, was formulated and promotion to further enhance the attractions of national parks, etc. in Fukushima are being implemented. In August 2023, Bandai-Asahi National Park (Tsuchiyu Onsen and Takayu Onsen) was registered as a Zero Carbon Park.

Included in this reference material on March 31, 2022  
Updated on March 31, 2024

- The framework aiming to **create new industries** in Hamadori area, etc. 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



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 area, etc. in order to recover the industry and employment in the district that was severely affected by the earthquake and the nuclear disaster.

At the third Subcommittee Meeting for Promoting the Fukushima Innovation Coast Framework held on November 25, 2019, discussions were held on the "Blueprint of Industrial Development Placing the Fukushima Innovation Coast Framework at the Core," which shows independent and sustainable industrial development in the Hamadori area, etc. envisaged from a medium- to long-term and broad perspective, as well as the direction of concrete initiatives therefor to be promoted by the national government, Fukushima Prefecture, municipalities and related organizations. Discussions were centered on further materialization of the Framework that aims to develop a new industrial base in the Hamadori area, etc. On December 9, 2019, the Reconstruction Agency, the Ministry of Economy, Trade and Industry and Fukushima Prefecture jointly compiled the Blueprint.

For achieving the Framework, efforts have been made under the initiative of the Fukushima Innovation Coast Promotion Organization to develop bases for R&D on decommissioning, research and demonstration on robot technology, and information provision (the Great East Japan Earthquake and Nuclear Disaster Memorial Museum), 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, and foster human resources, etc.

Major activities include 1,147 demonstration experiments (as of the end of September 2023) conducted at the Fukushima Robot Test Field, which was opened in full in March 2020. Some companies are expanding business in the neighboring areas, such as Namie Town and Futaba Town, while using the Field as their core. In the Grand Design and Action Plan for a New Form of Capitalism and the Follow-up, which were decided at the Cabinet meeting on June 7, 2022, it is stated that the national government will intensively offer support for the improvement of the demonstration field and practical development of startups, etc. with the aim of making the Fukushima Hamadori area into an advanced area for creating startups. Based on this decision, since FY2023, the national government has been implementing preferential measures for startups (point addition to startups and reduction of subsidy rates for large companies) and the development of a broad area flight route in the Regional Reconstruction Commercialization Development Promotion Project (Innovation Subsidies).

Included in this reference material on February 28, 2018  
Updated on March 31, 2024