

## 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.



Advanced recycling technology for solar panels

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

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 × 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)



### 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

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# Fukushima Innovation Coast Framework

- 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

#### Decommissioning

**Technology development calling for wisdom domestically and internationally**

Naraha Center for Remote Control Technology Development where demonstration tests necessary for decommissioning work, etc. are being conducted



#### Robots and drones

**Accumulation of the robot industry centered on the Fukushima Robot Testing Field**

Fukushima Robot Testing Field that simulates an environment for using field robots on land, at sea and in the air



#### Medical field

**Cultivation of companies' sales channels through support for technology development**

Fukushima Medical Device Development Support Centre



#### Energy, environment and recycling-related field

**Establishment of cutting-edge renewable energy recycling technology**

Promotion of the introduction of renewable energy  
Manyo no Sato Wind Farm in Minamisoma



#### Agriculture, forestry and fisheries industry

**Revitalization of the agriculture, forestry and fisheries industry by the use of ICT and robot technology**

Creation of a new agricultural model by the use of ICT  
Demonstration of driverless tractors



#### Aerospace

**Demonstration of a flying vehicle and invitation of related companies**

Aerospace Festa Fukushima



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

#### Industrial clusters

- Top-level activities to invite companies and support matching
- Support for construction of plants and development of new products

#### Education and human resources development

- Holding of classes to foster human resources in collaboration with educational institutions

#### Increase of the number of visitors

- Creation of new attractions jointly with local communities

#### Information provision

- Opening of the Great East Japan Earthquake and Nuclear Disaster Memorial Museum and holding of symposiums