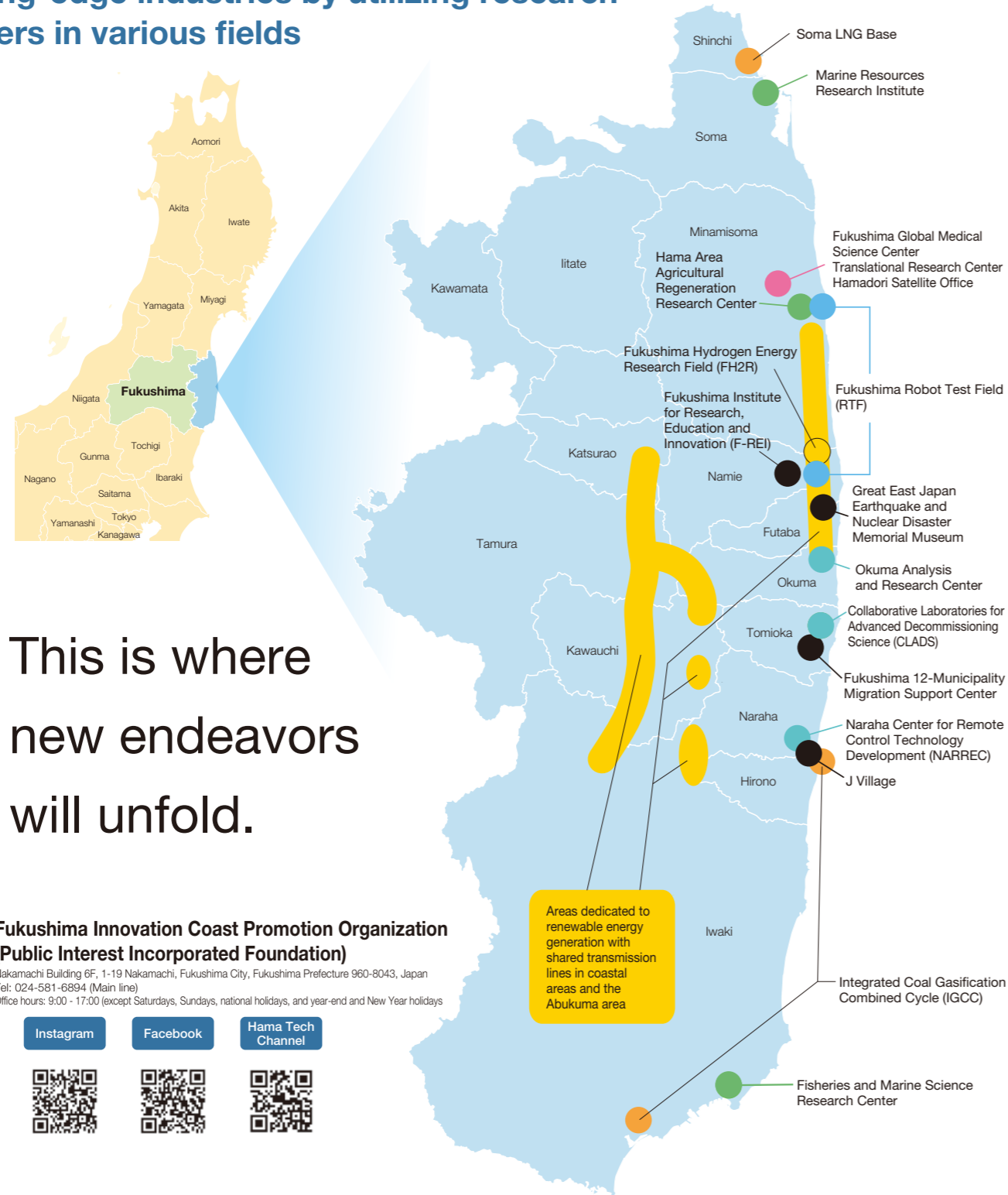


Innovation is starting up and taking off from Fukushima

Fukushima Innovation Coast Framework

The Fukushima Innovation Coast Framework is a national project that aims to build a new industrial infrastructure of the coastal region of Fukushima Prefecture to recover the industries lost due to the earthquake and tsunami on March 11, 2011 and nuclear disaster.

Promoting the creation of clusters of cutting-edge industries by utilizing research centers in various fields



This is where new endeavors will unfold.

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Fukushima Innovation Coast Framework - Main Projects

Project 1

Technological development that brings together the expertise of Japanese and international professionals.

Decommissioning of nuclear reactors

The decommissioning of nuclear reactors is vital to the restoration of the Hamadori region. The best and brightest from around the world have been brought here for R&D, and human resource development throughout the industries in the area.

Project 2

Creating industrial clusters of robotics with the Fukushima Robot Test Field at the core

Robotics and Drones

The Fukushima Robot Test Field and other facilities in the Hamadori region will actively attract development and testing of robotics and drones to be used in a variety of situations, such as disaster response, distribution, infrastructure inspection etc. These facilities strive to promote the growth of robotics industries in the region.

Project 3

Toward the establishment of cutting-edge renewable energy and recycling technologies

Energy, Environment, and Recycling

We work to rejuvenate and restore the local economy by fostering and growing industries focused on renewable energy. We currently promote efforts to develop cutting-edge recycling technologies for solar panels, coal ash, and more.

Project 4

Revitalization of agriculture, forestry and fisheries industries through the use of ICT, robotics, and other technologies

Agriculture, Forestry, and Fisheries

We consider agriculture an area for innovative growth and work to develop new "smart" agriculture, support the creation of new jobs, and attract agricultural work from other regions.

Project 5

Developing business opportunities through supporting technological development

Medical Industry

We promote the entry of new companies and continued industrial growth in the field of medicine.

Project 6

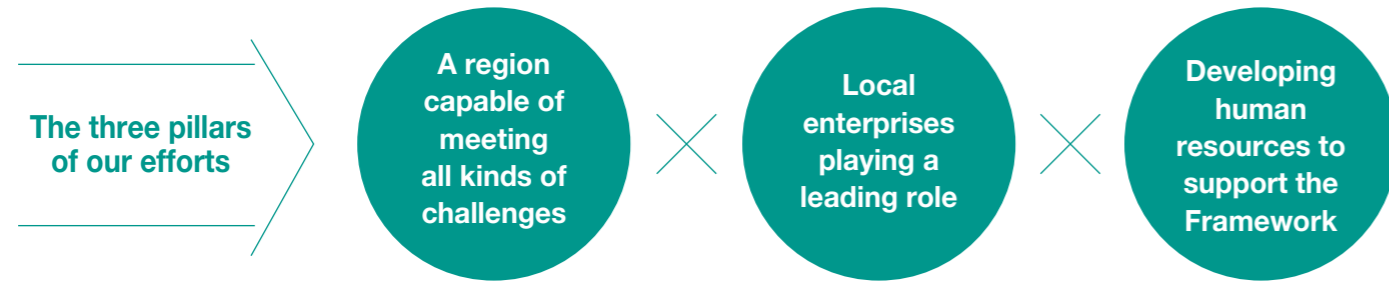
Developing next-gen air mobility technology and enhancing competitiveness of companies in the field

Aerospace

We support the influx of companies and human resource to grow and lead the aerospace industry.

The Fukushima Innovation Coast Framework set in motion

In addition to promoting the materialization of projects in the fields of decommissioning, robotics and drones, energy, environment, recycling, agroforestry and fisheries, medical care, and aerospace, we have also been working on the development of a wide range of infrastructure to realize these projects, including the creation of industrial clusters, human resource development, increasing of the number of visitors, and spreading information.



Initiatives to make the Fukushima Innovation Coast Framework a reality

The Fukushima Innovation Coast Promotion Organization has been acting as the central institution to carry out initiatives to promote the framework and create a future for Fukushima that will stand out to the world.

Key Initiatives

Industry clusters and Business Partnership

- Attracting companies to the Hamadori region
- Partnering expansion with local companies
- Supporting launch of new company businesses
- Supporting private company entry into agriculture

Management and Operation of Base Facilities

- Managing the Fukushima Robot Test Field
- Managing the Great East Japan Earthquake and Nuclear Disaster Memorial Museum
- Promoting base activities locally and beyond

Education and Human Resource Development

- Supporting the collaboration of high school and other education curriculum with industry and research institutions
- Supporting education and research activities at universities, etc, in collaboration with municipalities

Spreading Information

- Presenting easy-to-understand information about the concept to residents of the prefecture and others
- Communicating the appeal of the framework to attract visitors from outside the prefecture

Increasing the Number of Visitors

- Attracting visitors to each Hamadori region location
- Managing the Fukushima 12-Municipality Migration Support Center
- Promoting migration and settlement in the Hamadori region

Approach 1 toward realization



Inviting enterprises and bringing local and outside enterprises together
Industrial clusters

In order to expand industry in the Hamadori region and rejuvenate and revitalize those already present, we promote the development of industrial parks and the creation of business establishments, as well as assist in promoting exchanges and business partnering opportunities between companies and local businesses.



The Fukushima Innovation Club was established to create new businesses and expand cross-industry collaboration and transactions.



On-site tours and business location seminars are held to promote Japan's top preferential treatment system and the existing business environment.

Approach 2 toward realization



Fostering young talent who will lead the Hamadori region into the future
Education and Human Resource Development

We work to foster the ambitions of youth who will one day lead the reconstruction efforts in the Hamadori region through revitalizing education and research activities at universities and other locations, as well as offering career education opportunities at elementary, junior high, and high schools in cooperation with companies and institutions of higher education.



Universities

Hands-on agricultural training in rice paddies restored after tsunami damage (Tokyo University of Agriculture and the Town of Namie)



Programming education utilizing student (TA) insight (University of Aizu)

Elementary, Junior High, and High Schools

In order to foster interest in occupations and industries related to the Fukushima Innovation Coast Framework, as well as to grow the pool of human resources to handle the reconstruction, hands-on lectures on renewable energy, medical care, robotics, and programming are held at elementary and junior high schools throughout the prefecture (including compulsory education schools). These lectures are held once or twice a year at 14 schools throughout Fukushima. (Fukushima Super Science School Project)



Junior high school students at a hands-on medical lecture



Elementary school students learning about local geology

Approach 3 toward realization



Expanding the network of Framework supporters
Increasing the Number of Visitors

By working to attract companies and human resources from outside the region, we strive to bring together both non-resident and resident populations in order to get these groups of people involved in the various aspects of this framework for the Hamadori region.



The Palette Camp was held to allow those involved in reconstruction efforts to work alongside residents of Futaba to solve problems together.



The Fukushima 12-Municipality Migration Support Center distributes information for potential migrants on learning about, working, and starting businesses in the 12 municipalities and hosts hands-on tours.

Approach 4 toward realization



Promoting participation by raising awareness of the Framework
Spreading Information

Various information is sent out in order to improve awareness of the framework and promote increased participation.



The Great East Japan Earthquake and Nuclear Disaster Memorial Museum collects, preserves, and researches records and lessons learned from great disasters such as earthquakes, tsunamis, and nuclear accidents, and shares such information through exhibits, training programs, and storytelling



The Framework portal site, Hama Tech Channel, and all the official social media accounts post easy-to-follow information

Fukushima Institute for Research, Education and Innovation (F-REI)

F-REI is a national corporation (established in April 2023) which will work towards the reconstruction of Fukushima and the whole of the Tohoku region, strengthening Japan's scientific and technological capabilities and industrial competitiveness, and stand as a world-leading center for creative reconstruction efforts. F-REI is expected to act as a control-point and further develop the Fukushima Innovation Coast Framework.

The Five Fields of F-REI's Research Initiatives

① Robotics

② Agriculture, Forestry, and Fisheries

③ Energy

④ Radiation science, medicinal drug development, industrial use of radiation

⑤ Collection and dissemination of data and knowledge related to nuclear disasters