### **FutureCity**

# **Kesen County** (Ofunato, Rikuzentakata, Sumita), **l**wate

# About the Kesen County

Population: approx. 62,000

Area: 889.29km²

 Features: a region made up coastal cities Ofunato and Rikuzentakata and forest town Sumita, which have traditionally worked together

> Left: Goishi Coast, Ofunato Center: Sumita Town (Top)

Taneyamagahara

Plateau

(Bottom) Rokando

Cave

Right: The miracle pine of Rikuzentakata



Activities/Vision/Plan

The vision for a future



Promotion of development of infrastructure

### **Outline of Characteristic Initiatives**

# Building a progressive cooperation model for medicine and nursing

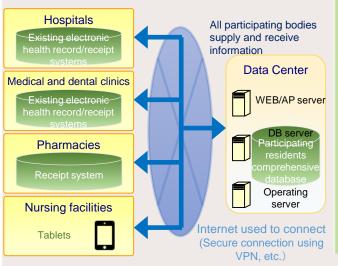
### Project parent: Mirai Kanae Institution (est. April 2015)

An organization made up of Healthcare, Nursing, Health and Welfare providers (medical association, dentist association, pharmacists, nursing facilities, local government, etc.)

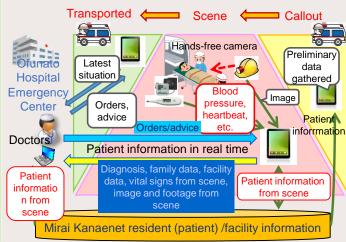
Mirai Kanae Institution **Proiect ⊋**Logo

- Runs Mirai Kanaenet (the network system for regional medical and nursing information)
- Works to strengthen community nursing
- Projects to address a superageing community

### Mirai Kanaenet illustrated



Mirai Kanaenet in emergencies



# Kamaishi City, lwate

## **About Kamaishi City**

- Population: Approx. 35,000
- Area: 440.34 km<sup>2</sup>
- 89.2% Forest
- Main Industries:
   Machinery Manufacturing,
   Fishery

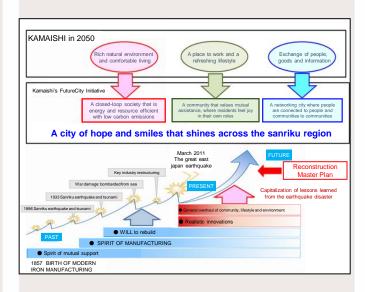






### Activities/Vision/Plan

## Kamaishi's FutureCity Initiative



### **Outline of Characteristic Initiatives**

# Revision of the Resilient Strategy by Applying SDGs

Based on the background and outcomes of the FutureCity Initiative, apply the SDGs in the city's Resilient Strategy, a comprehensive strategy for municipalities, people and jobs, and specify the relationship between each policy and the SDGs (May 2018)

### **FutureCity Initiative**

- · Work on creating a smart city
- · Promote regional comprehensive care
- · Develop the Field Museum









### Resilient Strategy

- Promotion of vacation rentals with collaboration with Airbnb
- "Meetup Kamaishi" for a public participatory experience program in tourism
- "Local Venture Community" for assistance in immigration and business startup
- "KAMAISHI Compass" for career education for high school students
- Discovery of potential workforce through the job site "Gokinjyobu" and the ultra short time work style "Puti Kinmu"
- A semi-private coordinator "KAMAENTAI"

# Diverse organizations sowing the seeds of the SDGs



Kamaishi Unosumai Memorial Stadium Opening event for promoting the SDGs



Workshop on SDGs awareness in a city of crafts



Launching businesses through a circular economy (Production of wooden cutlery)



Citizens' forum on
"A sustainable world, regions, and us"
(October 7, 2017)

Foster various relations to make the city become a resilient local society where everyone can realize self-determination

# Iwanuma City, Miyagi

## **About Iwanuma City**

- Population: Approx. 44,300
- Area: 60.45 km<sup>2</sup>
- Tourist attractions: Takekoma Inari Shrine, Millennium Hope Hills, etc.

#### **Takekoma** Inari Shrine



▲ (One of Japan's three great Inari shrines)

#### Revetments (Millennium Hope Hills)





▲ (Part of the rubble from the earthquake was recycled to build the hills The photograph on the right is of an event to plant trees along the garden's perimeter.)

### Activities/Vision/Plan

Rebuilding a friendly and environmentally-conscious community that people want to keep living in

Form a eco-

compact city

#### Secure life

- Population relocation
   Promotion of information systems using information and communications technology (ICT)
- Co-existing with the natural environment Revetments
- (Millennium Hope Hills) **Energy management** utilizing solar power and storage batteries
- Job creation Provision of industrial land Creation of agribusinesses

- Raising of city roads
   Seawalls Raising of embankment on the Teizanbori Canal
  - Tsunami crisis

Protection from tsunami Revetments (Millennium Hope Hills)

- management
   Revetments
  (Millennium Hope Hills)
- Improvement of escape routesPromotion of
- information system using ICT
   Stable power supply

- Handing over of knowledge and disaster-preparedness education Revetments (Millennium Hope Hills)

# **Outline of Characteristic Initiatives**





The first collective disaster-prevention relocation in the region affected by the Great East Japan Earthquake, carried out at the initiative of the community residents.

(Town declared open in July 2015)









Solar farm built on former agricultural land that could not be rehabilitated due to subsidence, etc. caused by the Great East Japan Earthquake. One of the largest in the earthquake-affected area.

# Minamisoma City, Fukushima

# **About Minamisoma City**

•Population: approx. 60,600

Area: 398.50km<sup>2</sup>

Soma Nomaoi Festival, a magnificent reenactment of a battle scene from the Warring States Period and Shimiten, a fried rice cake confectionery that

blends Japanese and Western influence.





### Activities/Vision/Plan

### The Minamisoma Vision for Promotion of Renewable Energy

Creating a local cycle of renewable energy production and consumption.

Basic tenets

Renewable energy targets

原子力に
依存しない
まち

① 省エネルギーの推進
② 再生可能エネルギーの積極的利用
③ 南相馬市版スマートコミュニティの構築
地域循環のレくみづくり

地域循環のレくみづくり

2010 2020 2030 2040 2050年

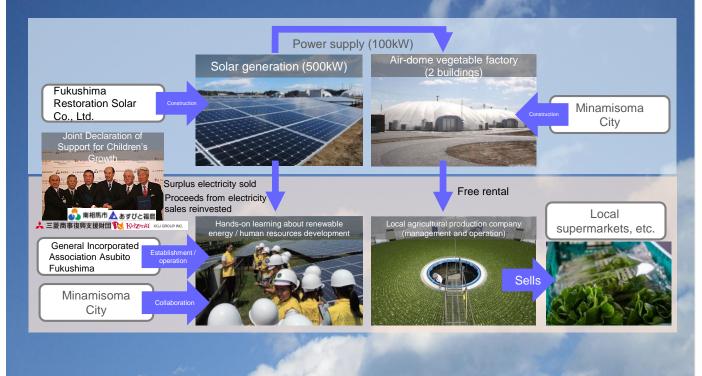




### **Outline of Characteristic Initiatives**

# Minamisoma Solar Agripark Project

Public-private partnership developed as a local closed loop model project, through a combination of solar power generation, vegetable factories, and hands-on learning.



# Shinchi Town, Fukushima

### About Shinchi Town

- Population: 8,208
   Area: 46.69 km²
- Main industries: Agriculture, electricity,
- Specialty products: garlic chives, tomatoes, figs
- Town's flower, tree, bird and fish: Cherry blossom, pine, pheasant and flounder









## Activities/Vision/Plan

# Latter Term Basic Plan in the Fifth Shinchi Town Comprehensive Plan

"Building a safe and secure town coexisting with nature and environment": The town utilizes nature energy and local energy, uses them and improves the efficiency of their use in the town and promotes to build a town realizing co-existence with the environment.



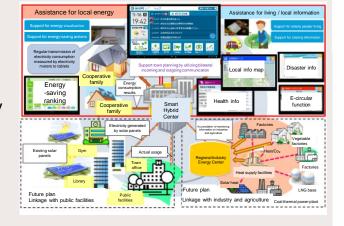


### Outline of Characteristic Initiatives

# Overview of the Reconstruction of Shinchi Town Based on Environmental/Industrial Co-existence

# "Creation of a smart hybrid network" by various locally-decentralized and autonomous energy supply

The project creates bidirectional information network infrastructure related to local energy and aging communities, promotes to share information in the region, supports to encourage energy-saving actions in cooperation with the region and reconstruct live including assistance for elderly people.



## Town Planning around Shinchi Station and Local Energy Production "Development of the Smart Community Project"

The town implements the Smart Community Project integrally with the town planning around the station. By utilizing LNG natural gas from the Soma Port, a cogeneration system supplies heat and electricity to facilities near the station. The town has also created autonomous, decentralized local energy systems to supply CO<sub>2</sub> to agricultural production facilities.



# Kashiwa City, Chiba

## **About Kashiwa City**

Population: Approx. 420,000

Area: 114.74 km2

Main industry: Retail, restaurant

Local specialty product: Turnips

(largest production region in Japan)

Tourist attractions: Teganuma



Commercial complex at Kashiwa Railway Station



Turnip, the local specialty product



Teganuma (waterfront environment)

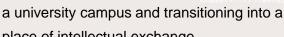
### Activities/Vision/Plan

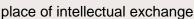
# Kashiwanoha International **Campus Town Initiative**

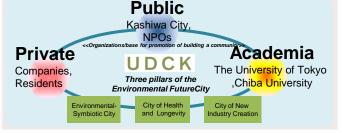
The concept is "Harmony between University

and City"

The town image the initiative strives toward is becoming as rich in quality and greenery as







### Outline of Characteristic Initiatives

Base for Building a Community through Public-Private-Academic Partnerships [UDCK]



Kashiwanoha Campus district



Appearance of UDCK



Bring vitality through using public spaces(Marche Couleur)

Basic concept for building a Kashiwa-no-ha community

In addition to the public sector which has been the main player for building a community, the initiative aims for "next-generation community building" through public-private-academic partnerships making the best use of driving powers of the private sector and cutting-edge knowledge of universities.



Scheme and organizations for public-private-academic partnerships

Urban Design Center Kashiwa-no-ha (UDCK)



