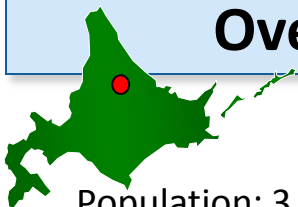


Overview of the city



Population: 3,445 (as of Apr. 2015)

Area: 644.2 km²

Land use: 91% forest, 5.5% agricultural land

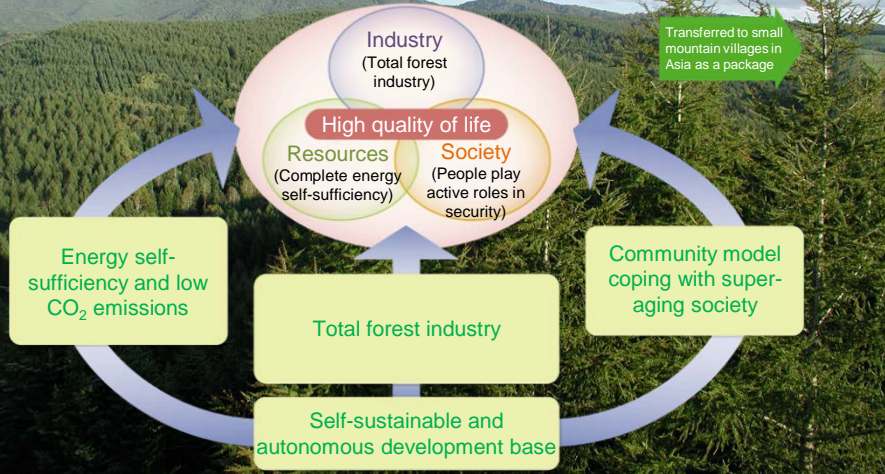
Main industries: Forestry, forest industry, agriculture

Vision

Forest Future City Model

Surrounded by a rich forest environment, the city earns a good income from the forest, learns and plays in the forest, promotes physical and mental health, assures spiritually enriched life with the trees.

Transferred to small mountain villages in Asia as a package



Roles of government, citizens, corporations and other organizations

Townpeople

(Future City promotion town meeting, public comments, briefing meetings)

Townpeople, experts
(Shimokawa Board of Trustees)

Reflecting comments and opinions

Assess, advise and make corrections

Government

(Headquarters to promote the Future City)

Consensus building

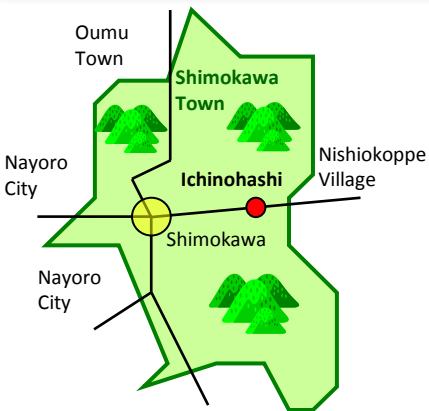
Promotion organization

Government, townspeople, local and outside corporations
(Shimokawa promotion meeting)

Promotion of individual projects by various groups

Realize "Forest Future City" model

Overview of characteristic efforts



Residential neighborhood issues

Depopulated, dilapidated and Energy cost increasing and Deindustrialization

Complex countermeasures

Collective housing and Renewable energy and Community business

Building a new model

Responses to super-aging and Energy self-sufficiency and Reviving the neighborhood

Shimokawa Town, "Ichi-no-hash" collective housing area supporting super-aging with energy self-sufficiency



- ◆ Modern, well-sealed, highly insulated row housing
- ◆ 100% self-sufficiency in thermal energy using wood biomass
- ◆ Create neighborhood industries such as a community restaurant, greenhouse cultivation, and development of innovative specialty products

Contact

FutureCity Initiative Division, Shimokawa Town E-mail: kankyo-m@town.shimokawa.hokkaido.jp

Overview of the city Source: 2014 statistics

- Population: 408,198
- Area: 114.74 km²
- Land use (top three): 31.51% residential land, 13.83% farmland for crops other than rice, 12.17% rice field
- Main industries (number of workers): Retail, healthcare and welfare, restaurant

Vision

Realize a city where everybody wants to live safely, securely and sustainably.



Roles of government, citizens, corporations and other organizations

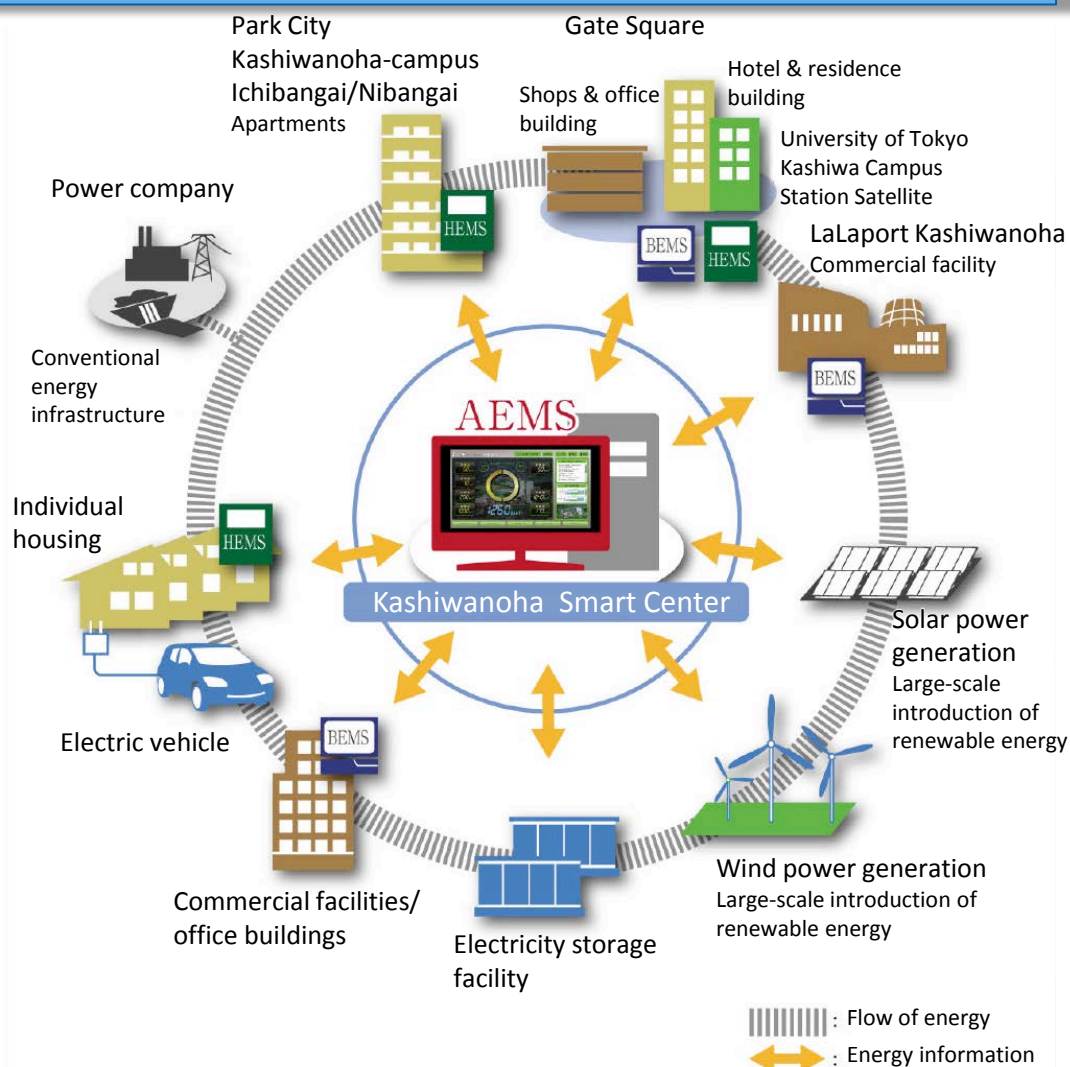
Kashiwa City aims to adopt a three-issue-solution model: Environmentally Friendliness, Health Longevity City, and New Industry Creative City. The universities designed and proposed a community where everybody can participate in community development. It is a community where citizens and corporations take responsibility to run sustainably and autonomously. Any community-minded person, whether old, young or a free-spirited child, may participate.



Overview of characteristic efforts

AEMS (Area Energy Management System)/Smart Center

- In the urban area around Kashiwanoha-campus Station of Tsukuba Express, the system to optimize the total energy usage has been introduced in July 2014.
- This system enables energy saving and low CO₂ emissions by peak shaving at normal times, and provides a safe and secure life to the community as well. It does this by supplying electricity to the infrastructure such as the elevators in high-rise apartments and the pumps to pull up underground water during a disaster or power outage.



AEMS: Area Energy Management System
BEMS: Building Energy Management System
HEMS: Home Energy Management System

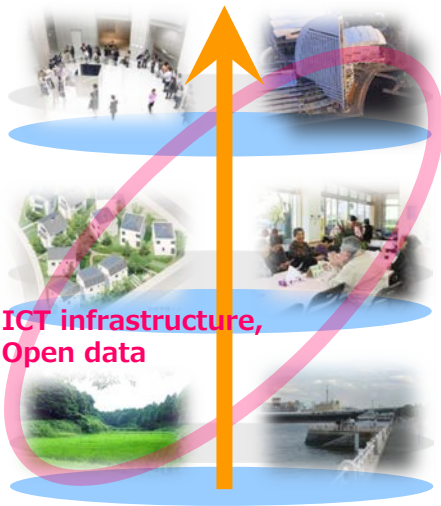
Contact

Planning and Coordination Division, Planning Department, Kashiwa City
Tel: 04-7167-1117 E-mail: kikakuchosei@city.kashiwa.lg.jp

Overview of the city

- Population: 3.72 million (as of Aug. 1, 2015)
- Area: 435 km²
- Land use: 81.3% urban usage (residential, commercial), 18.7% natural use (agricultural, forestry)
- Main industries: Service, real estate, wholesale, retail, manufacturing

Vision

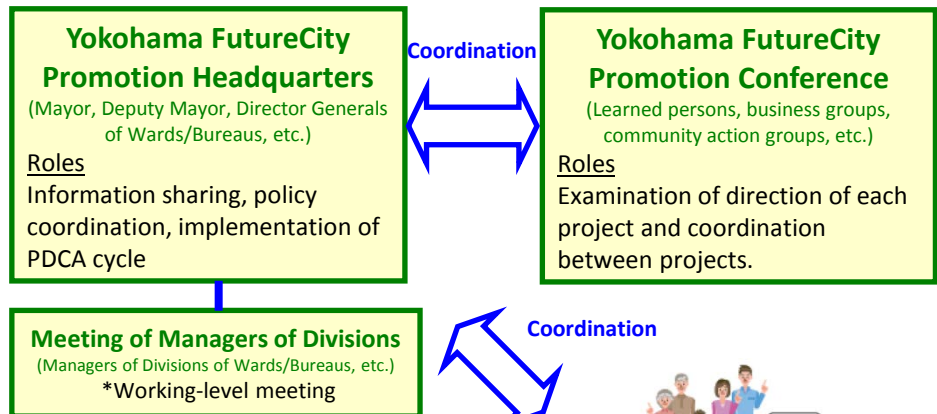


1. Living space blessed with **natural environment (water and greenery)** and geographical features.
2. **Low-carbon** and uninterrupted network of energy, water and sewage services, and waste collection. Seamless coordination between **healthcare, nursing-care, welfare and child rearing.**
3. Creation of **culture and arts, and growth industries,** Functional business space

Roles of government, citizens, corporations and other organizations

Government leadership and discussion organizations

The **Promotion Headquarters** led by the Mayor and the **Promotion Conference**, composed of external knowledgeable persons, are working in coordination with each other.



Involvement of citizens to accelerate projects

Yokohama Eco School (opportunities for citizens to learn and act) events are held at many locations in the city.



Overview of characteristic efforts

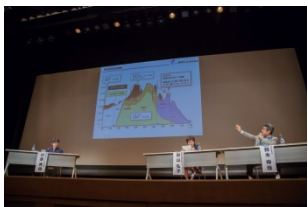
Projects that takes advantage of characteristics of the coastal urban area and suburban areas

Suburban areas

Diverse parties such as the local community, private business, government and university are working in coordination to solve local issues such as supporting elderly people and child rearing, and to create a sustainable and attractive town planning model.



Marche event (around Izumino Station, Sotetsu Line)

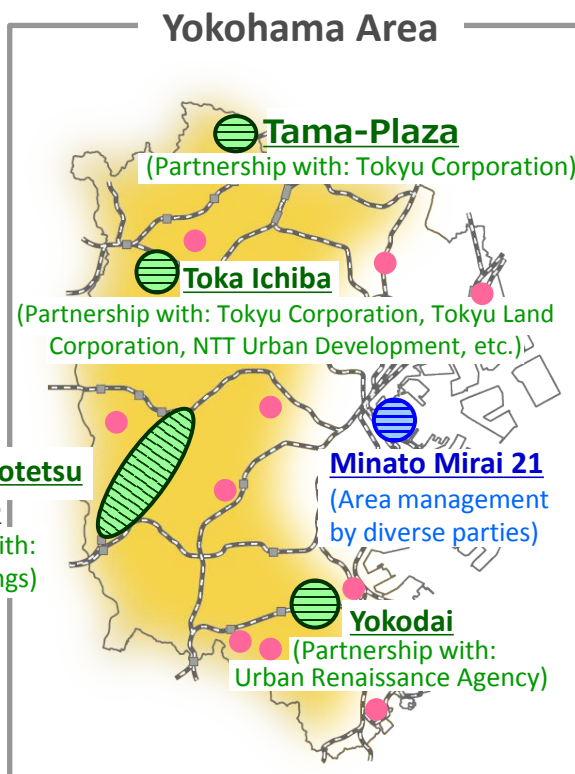


Next Generation Suburban City Planning Forum (Tama-Plaza)



Community activity using the retail facility in the housing complex (Yokodai)



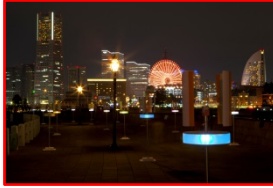

Area along Sotetsu Izumino Line
(Partnership with: Sotetsu Holdings)



10 other projects are in progress in the city, leveraging the characteristics of each area.

Coastal urban area

The Minato Mirai 2050 Project Action Plan was established in March 2015 to promote advanced town planning in the Minato Mirai 21 area, and to showcase environmental solutions for areas in Japan and overseas.

Energy  Wind power generation	Greenery  Grand Mall Park
Activity  Smart Illumination Yokohama 2014 Photo: Amano Studio	Eco-mobility  Community bicycle

Delivering and deploying town planning know-how in Yokohama to Japan and overseas

Contact

FutureCity Promotion Division, Climate Change Policy Headquarters, City of Yokohama (Attn: Inagaki/Seki)
E-mail: on-futurecity@city.yokohama.jp Tel.: 045-671-4371 Fax: 045-663-5110

Overview of the city

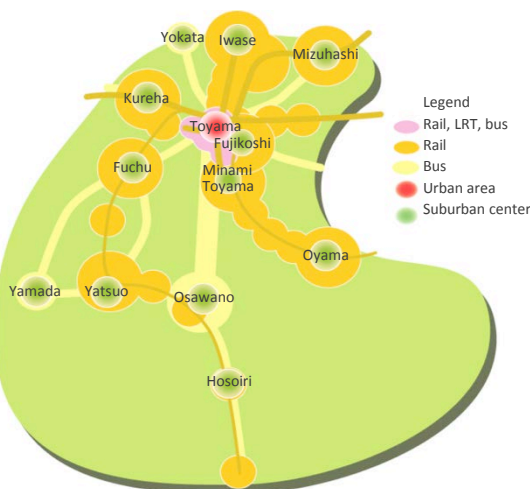
- Population: 421,953 (2010 census)
- Area: 1,241.77 km² (incl. 863.48 km² forest area)
- Main industries: manufacturing industry
- Characteristics: The city has a rich natural environment with diverse geographical features, an elevations going from sea level in Toyama Bay to Mt. Suisho rising as high as 2,986 m.

Vision

The target concept of "dumplings and skewers" urban structure sought by Toyama City

Skewer: Public transportation above a certain service level

Dumpling: Walking sphere connected by the skewers



1. Compact city planning based on public transportation

2. Quality and attractive life of community

3. Industrial development leveraging local characteristics

Realization of sustainable city

Roles of government, citizens, corporations and other organizations

High-value-added agriculture project using hot spring heat from Ushidake

Toyama City (government)

Plant factory using hot spring heat, etc.

- Cultivation using hot spring heat, solar power, LED lights, etc.
- Indoor hydroponics to produce safe perilla



Perilla leaves



Ushidake hot spring plant factory

Citizens

Expansion of open cultivation

- Expansion of perilla seed oil production through cultivation utilizing abandoned fields, etc.

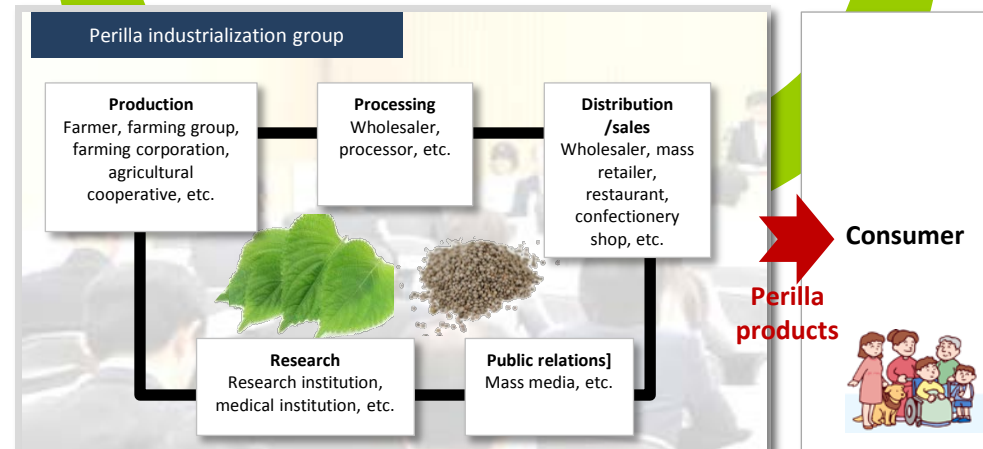


Perilla seeds and oil



Utilization of abandoned fields

Integrated management (production, processing, distribution/sales) of the project



Overview of characteristic efforts

Development of LRT Network

In order to realize the compact city plan based on public transportation, we have introduced the LRT to the former JR Toyama Port Line, and constructed a loop line for the city tram. Additionally, we have been working on developing the LRT network that has a length of 25.3 km in total by connecting the northern and southern tram services under the elevated railway of Toyama Station, and extending the city tram service into the Kamidaki Line (railway) of Toyama Regional Railway.

With the introduction of the LRT to the former JR Toyama Port Line and the loop line of the city tram, we have achieved:

1. Major increase in number of passengers
2. Reduction of greenhouse gas emissions
3. Creation of outing opportunities for elderly people
4. Increase of new house constructions along the route
5. Increase of visitors to the sightseeing facilities along the route, etc.

➤ Diverse local revitalization effects are seen.

Contact

Environmental Policy Division, Environmental Department, Toyama City

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Overview of the city

Population: 40,138 (as of Apr. 1, 2015)
 Area: 101.86 km²
 Land use: 24% agricultural land, 31% forest, 16% roads and residential land
 Main industries: Fishery, agriculture

Vision



Roles of government, citizens, corporations and other organizations

Located 30 km northeast of Sendai, the central city of the Tohoku region, Higashimatsushima is a scenic city that occupies a part of Matsushima, one of the Three Views of Japan. The population as of March 1, 2011 was 43,142. The major industries were cultivation of seaweed and oyster, and agriculture. As the city is located in between Sendai and Ishinomaki, the number of households was increasing as a commuter town.

The city was seriously damaged by the Great East Japan Earthquake, with more than 1,100 people dead or missing. The vision for Future City is identical to its "City Reconstruction Plan." With the motto of "Higashimatsushima *isshin* (this word has a triple meaning: one heart, taking a step forward and renewal)," the city is working hard to recover from the disaster and to create a sustainable society with the principle of citizen collaboration.

Overview of characteristic efforts

Higashimatsushima Smart Disaster Prevention Eco-town with special power supply Power Management System Construction Project (Ministry of the Environment: Autonomous/Distributed Low-carbon Energy Society Promotion Project)

Smart grid system extended over multiple areas

Higashi matsushima City Yanaginome Kita Area disaster public housing development project



Contact

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 Future City Project Section, Reconstruction Policy Division, Reconstruction Policy Department