

BUILDINGS AND SITE REGENERATION

DONOSTIA/SAN SEBASTIAN and HIROSAKI

4th EU - JAPAN CITIES EXCHANGE MEETING

Tokyo.2019.5.17



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① Approach taken towards project

- Energy and water use, traffic condition, energy for street lighting etc., were made visible and effect of climate change were explained to citizens for better understanding.
- As a public-private collaboration, local government, public enterprise, and private companies contribute financially to a single project.



② Multiple usage of historical buildings

- During the restoration, room size were considered and partitions were removed to accommodate different usage and by heat insulating material rooms were comfort and LED lighting for low energy use
- Heat insulating material in roofs and walls are made mandatory through regulation

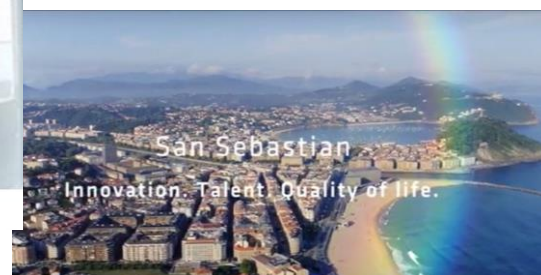


③ Human resource development (accepting talented personnel)

Talent will gather in attractive city with certain level of incentive. Keeping its own culture but actively welcoming new talent and promoting human resource development, for new city development.



Talent Attraction and Retention - Talent House



● Development of transport environment such as Pedestrian Only Street

- Transforming existing street to pedestrian only, vertical transport system to eliminate barrier for comfortable bicycle lane
- City developed as tourist city with clear target

NEW STRATEGIES: REDUCTION OF MOTORISED MOBILITY



"Green modes of transport" win spaces from those previously occupied by the car



Donostia / San Sebastián

"LA PEATONAL"

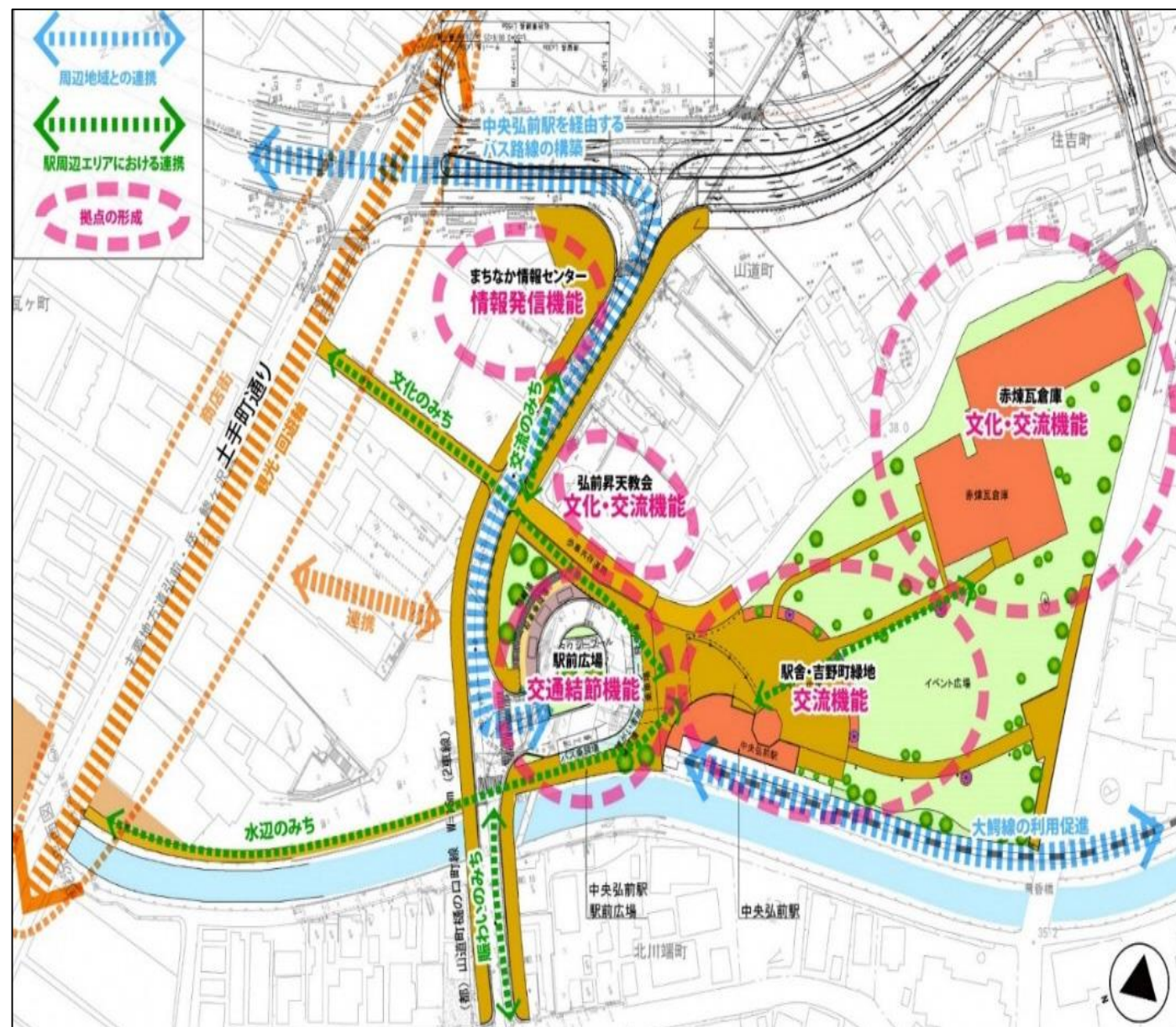


Una zona comercial transformada en calle peatonal acogedora, lugar de encuentro de los ciudadanos

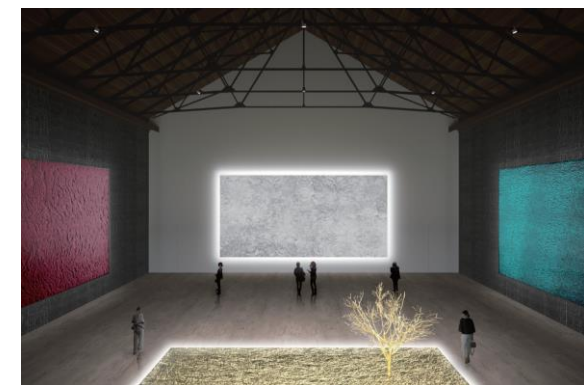


Donostia / San Sebastián

- In the area next to the central shopping district, we will renovate brick warehouses from Meiji and Taisho periods, and develop cultural exchange facilities centered with a museum.
- Cultural exchange and green area will be developed, maintained and managed, utilizing experience of private enterprise through PFI method, and sustainable town will be achieved through designated management of 15 years.
- By integrating development of street, private railway station square, and green space development, we will enhance transport connectivity and improve leisure performance to draw people to the central urban area.



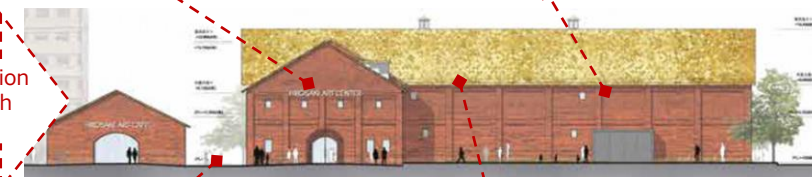
Library for citizens where people can meet and gather



Large size showing space where arrangement of display can be easily made for multiple purpose



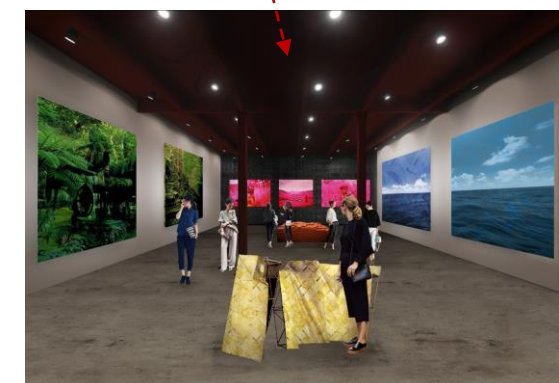
Current Warehouse



New image of museum with 「Cider Gold」 roof

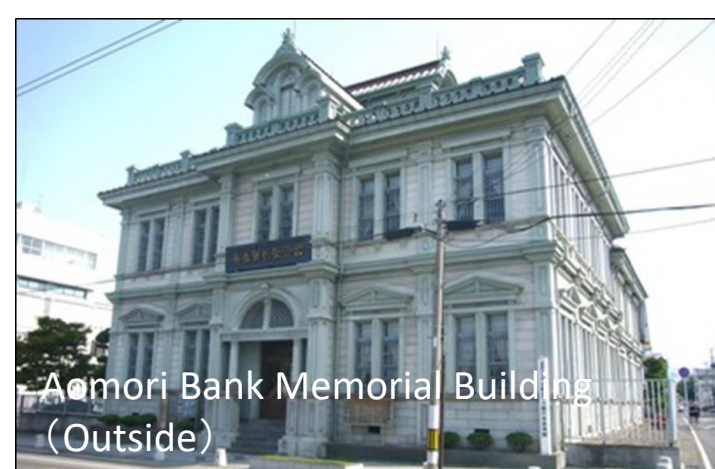


「Museum Road」 will connect art and citizen and art



「Site Specific」 display space that can only been seen here

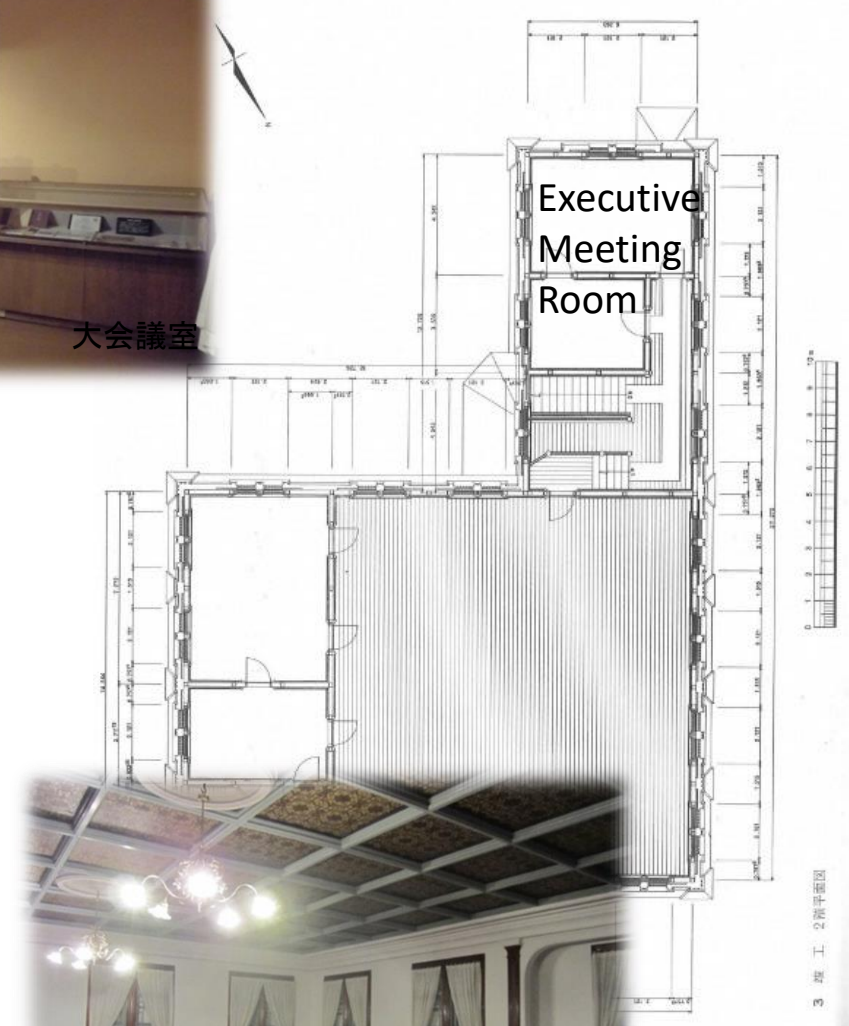
- 1904 architecture. There was a possibility of being dismantled at the time of new construction of the branch in 1965, but it was preserved as a memorial by citizen's movement.
- Designated as a National Important Cultural Property in 1972
- Donation from Aomori Bank on April 12, 2018 and plan to consider new utilization.
- By promoting the preservation and further utilization of important cultural property buildings, it is also possible to foster citizens' awareness of cultural properties.



First Floor



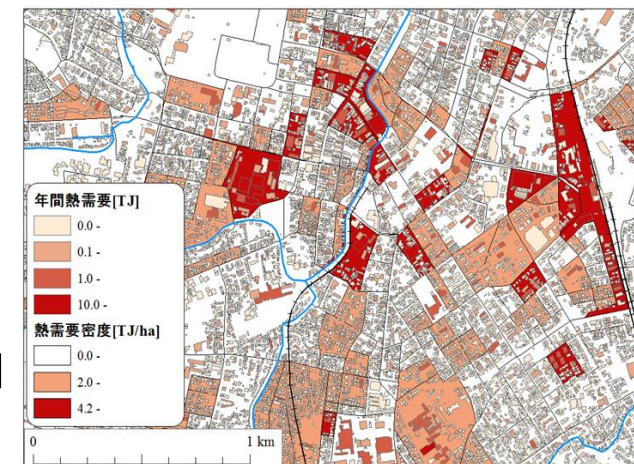
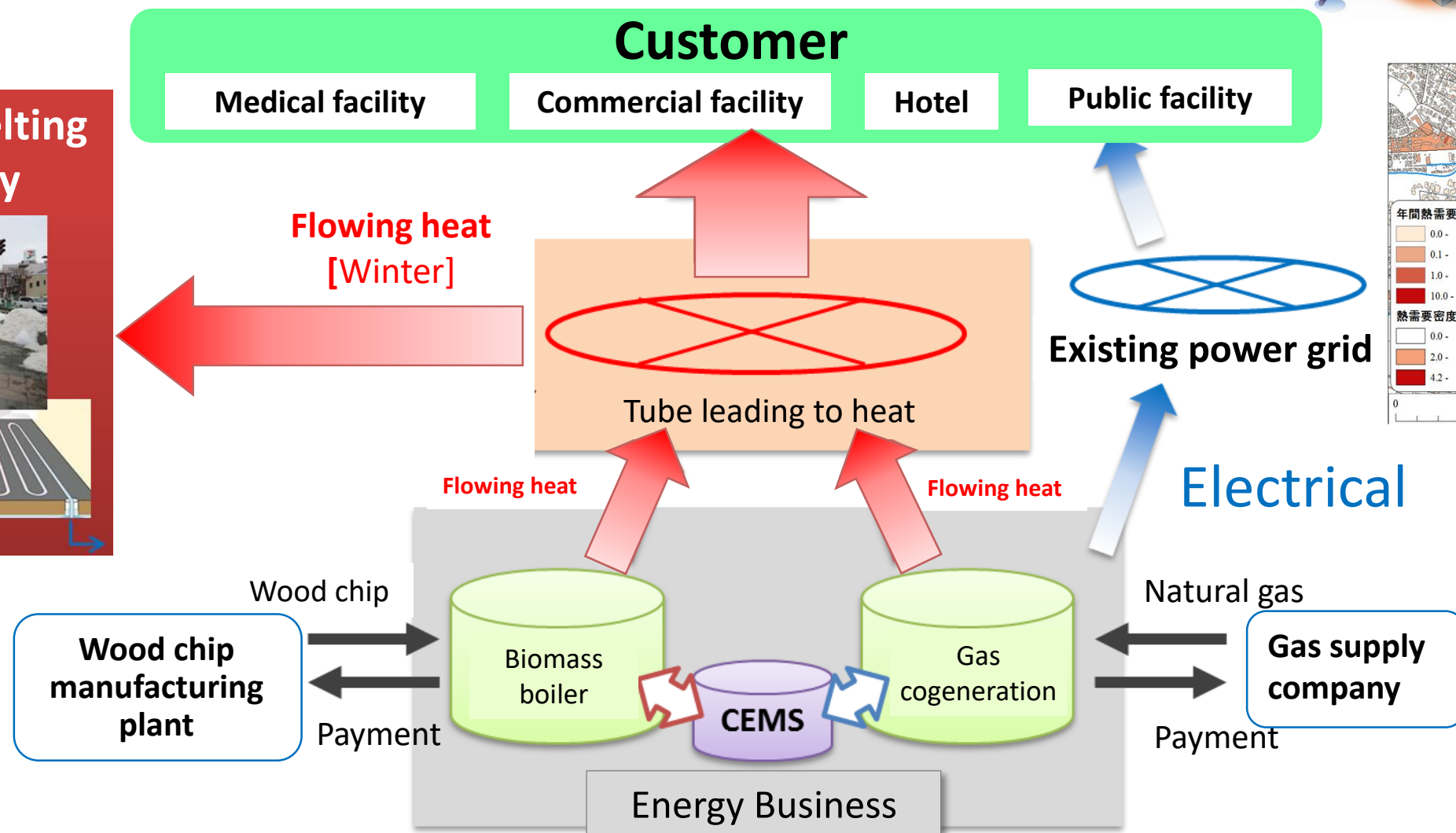
Second Floor





We'll set up energy center in central city area,
supply energy to large facilities in the area.

And we'll develop a snowmelt infrastructure,
create energy independence and comfortable
space even in winter.





Disperse small biomass cogenerator that generates heat and electric power to consumer facilities using wood that can be procured from the region as fuel .

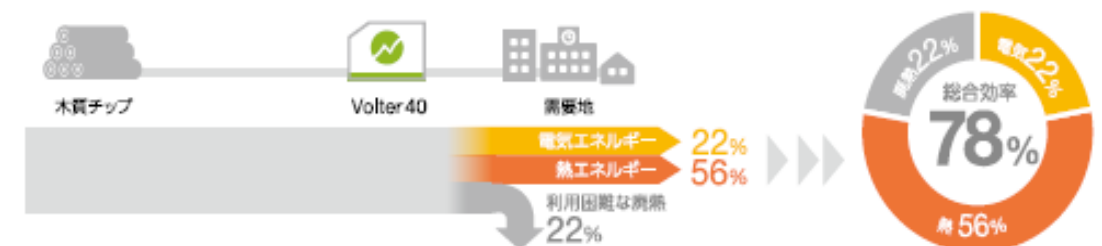
Energy efficiency improvement and supply chain construction by energy management system .



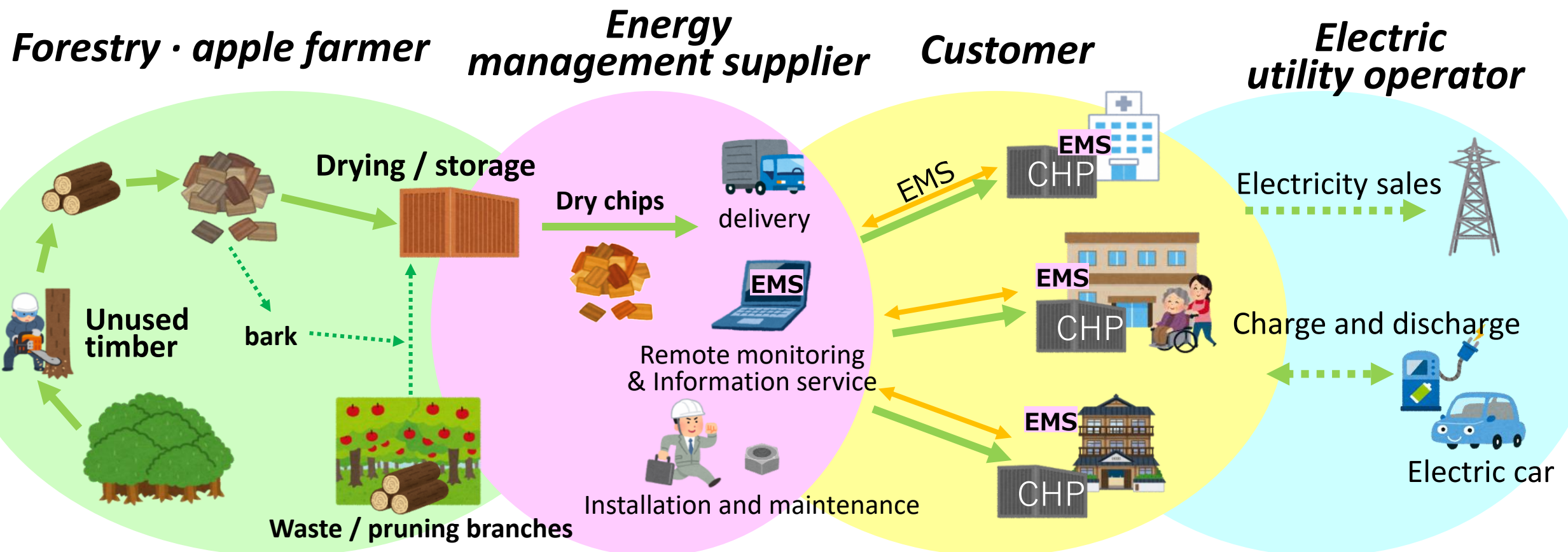
Small CHP developed in Finland for self-reliance by off-grid

- Heat 100 KW
- Electricity 40 KW

Volter40を
活用した
エネルギー利用

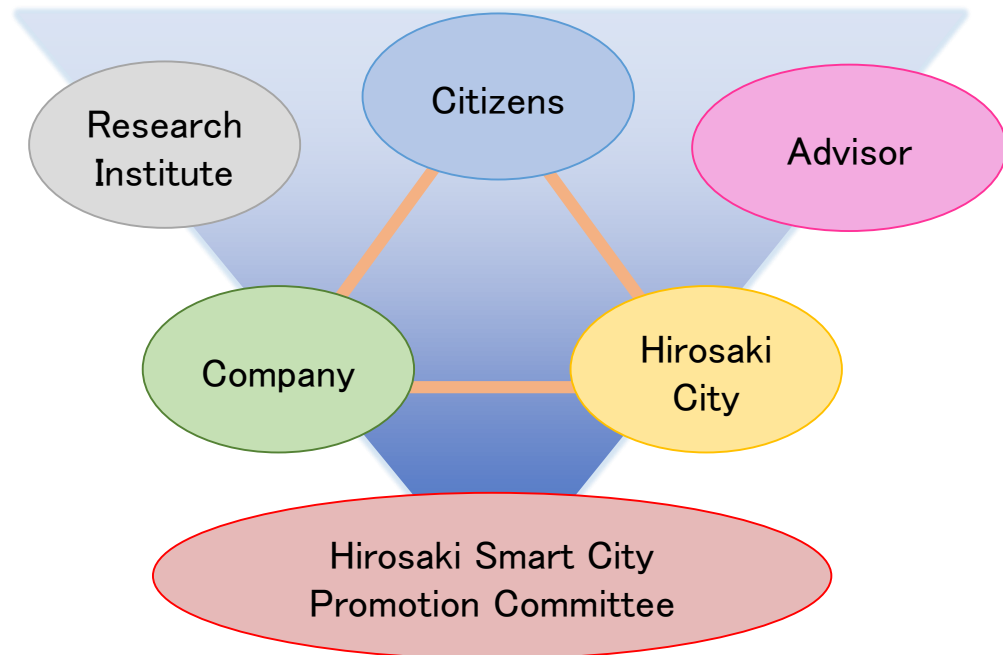


※CHP : Combined Heat and Power



Hirosaki Smart City Promotion Committee

Through cooperative organization of industry, academia, finance and government, we will promote projects by introducing successful cases and exchanging and sharing information regularly among members.



※129 Companies Registered



Presentation by experts and workshops



Hirosaki Style Smart City Academy

To nurture next-generation which bears the future of Hirosaki, we carry out public awareness to promote renewable energy and activity of smart city.

- Environmental education regarding renewable energy.
- Lecture on Smart City etc



Environmental Education for Junior School Students



Smart City work group (High School Students)



Eskerrik asko
Thank you





Cherry blossoms



Neputa
(Summer festival)



Hirosaki Castle
(Autumn)



Hirosaki Castle
(Winter)

■ From Haneda to HIROSAKI

~ By Airplane ~

Narita Airport

↓(1hr15min)

Haneda Airport

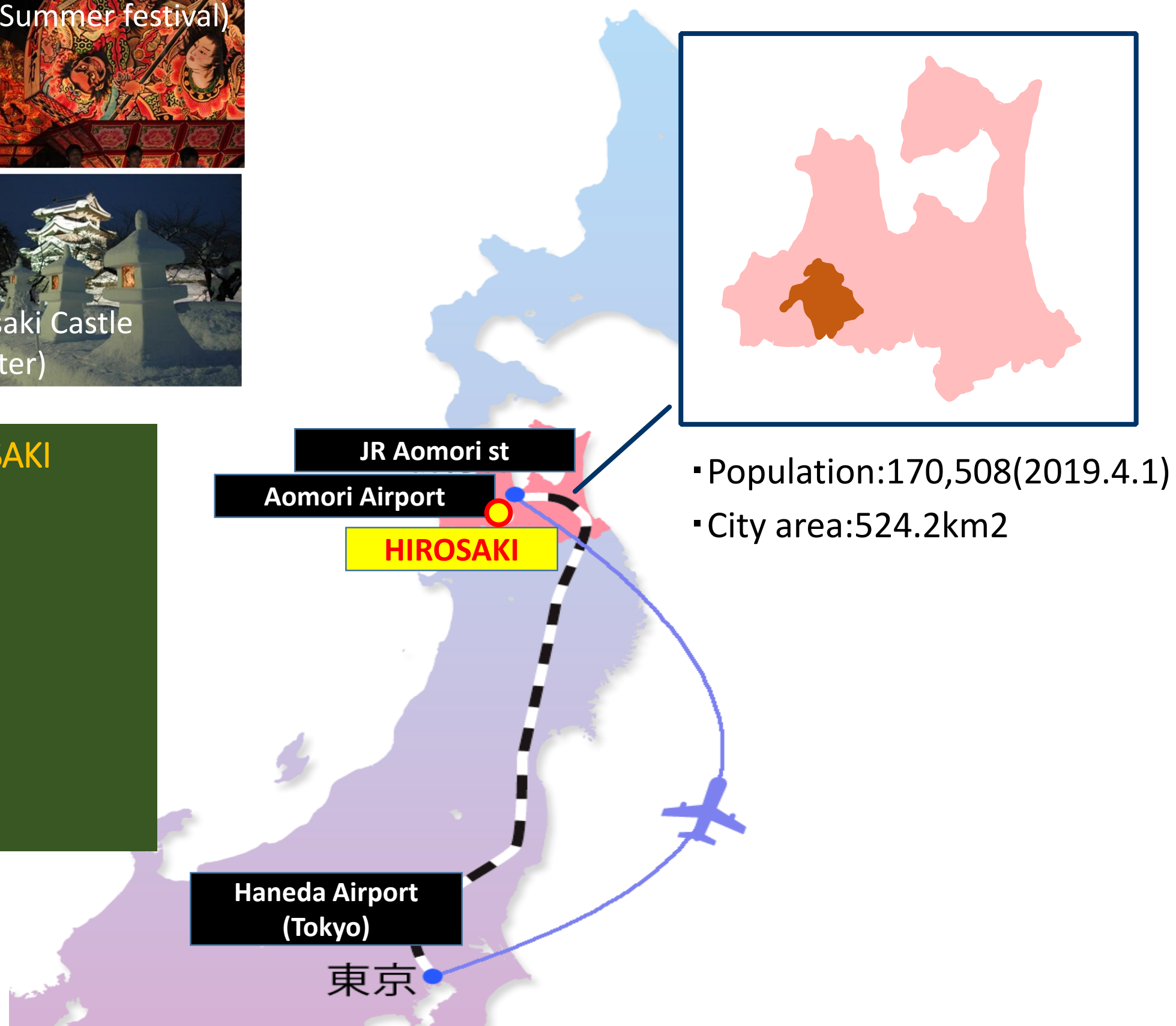
↓(1hr15min)

Aomori Airport

↓(55min by bus)

Hirosaki City

The northernmost end of Honshu





Hirosaki have Compact urban structure "compact city like Apple type"

10

- Current urban area is almost same area as the area 400 years ago, spread around Hirosaki Castle
- Form a compact town where you can live well in public transportation, bicycles and walking.
- Establishment of a location optimization plan making use of town allocation in FY2018.

Approach to site location optimization plan

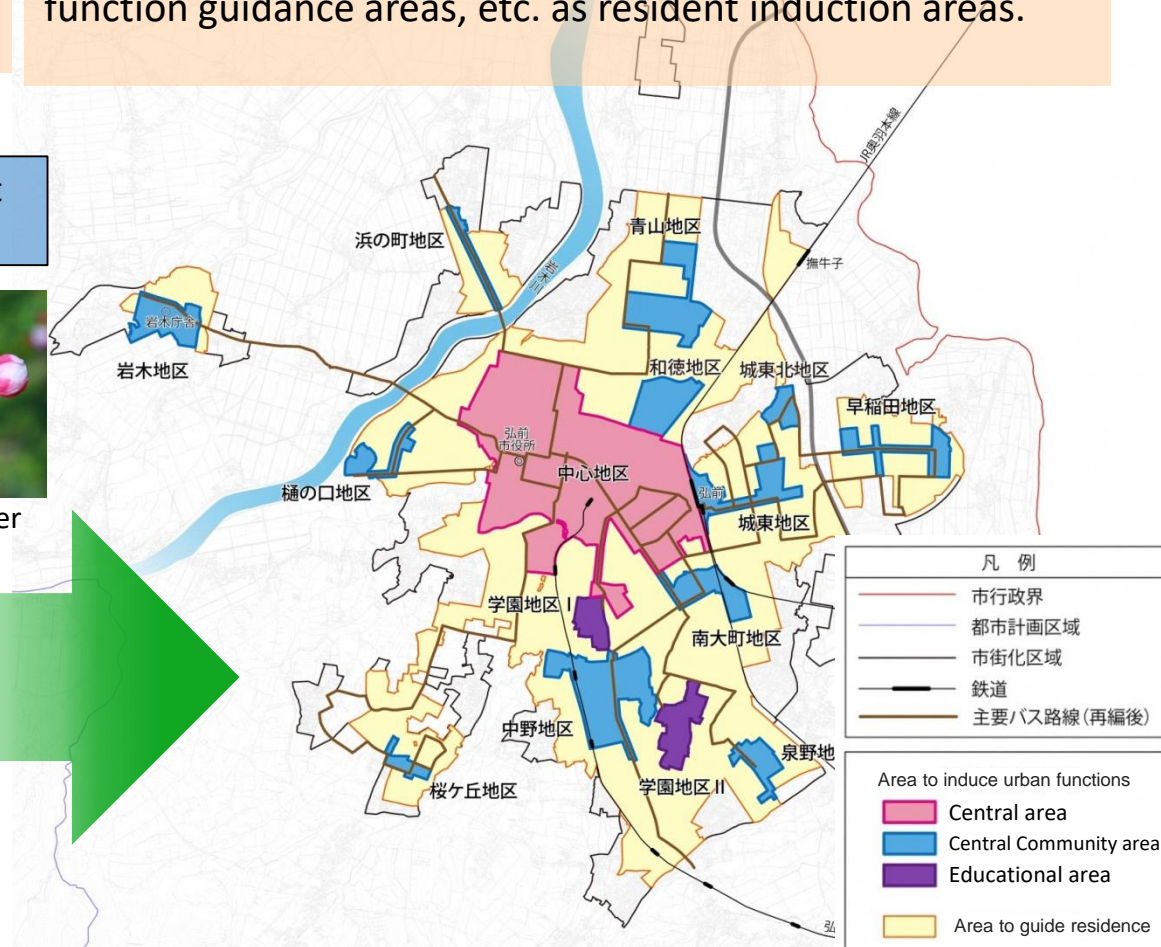
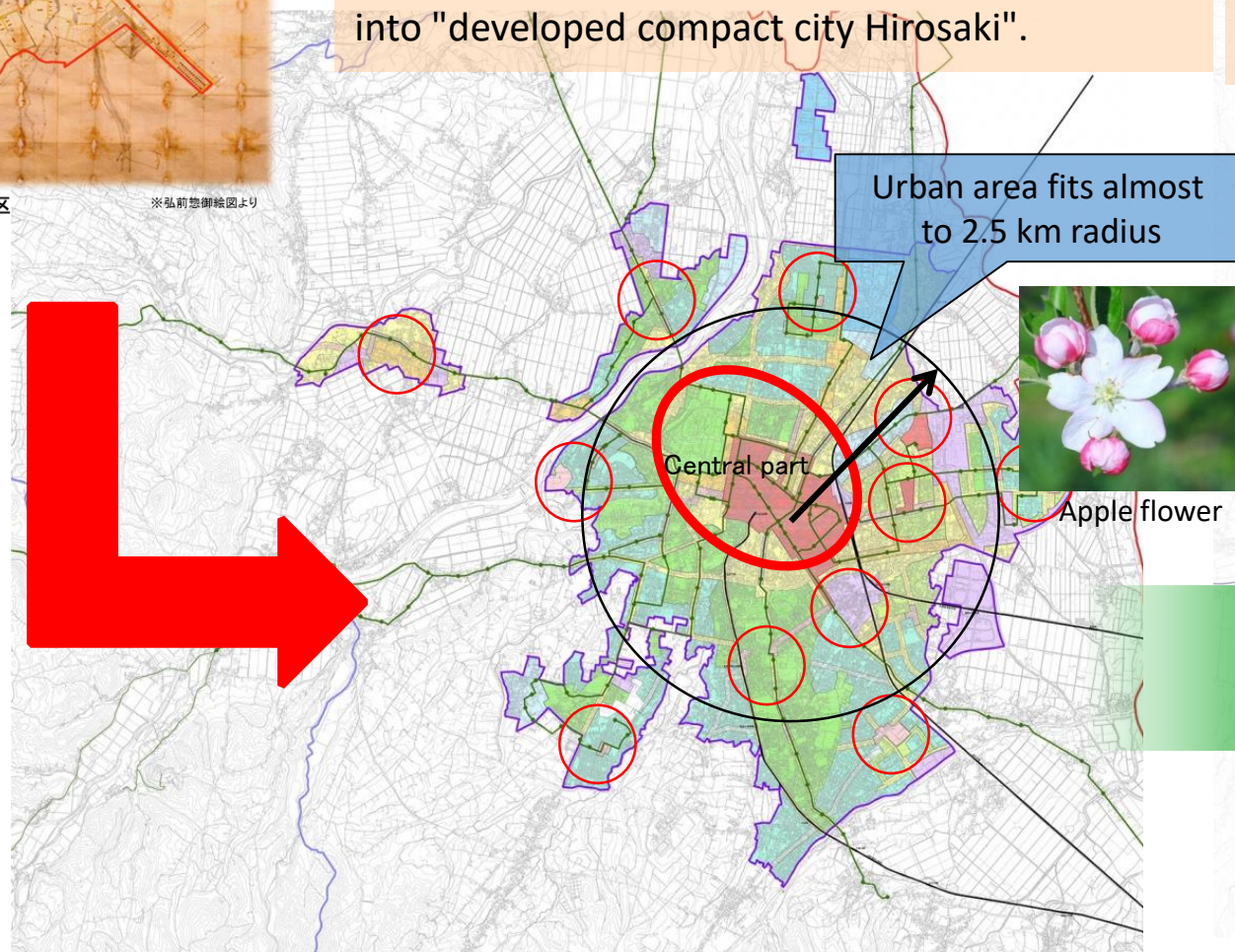
Utilizing the compact town similar to the appearance of flower of apple by promoting the site location plan (H.29.3.31 formulation), evolve into "developed compact city Hirosaki".

Induction of residential and urban functions

Based on regional characteristics, set three urban function guidance areas and areas that are easy to access urban function guidance areas, etc. as resident induction areas.

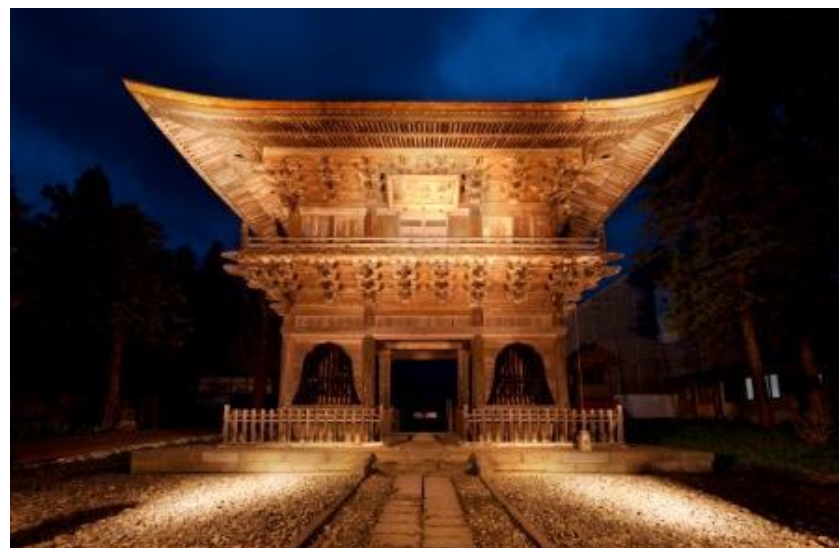


弘前城下町地区 ※弘前惣御絵図より



“Remain Japanese traditional culture and “Japanese style” western architectures”

Important cultural properties



Choushouji(temple)



Mt. Iwaki shrine



Saishouin Five-Storeyed Pagoda

“Japanese, Tsugaru style” western architectures



Important cultural properties

Memorial Hall of Aomori Bank



Important cultural properties

Hirosaki Gakuin
Foreign Missionary Residence



Former city library



Modernism architecture
by Maekawa Kunio

“Also Japanese traditional culture and “Tsugaru style”western culture”



Zen temple area(Zazen's experience)



Oyama sankei(Mt.iwaki Pilgrimage)



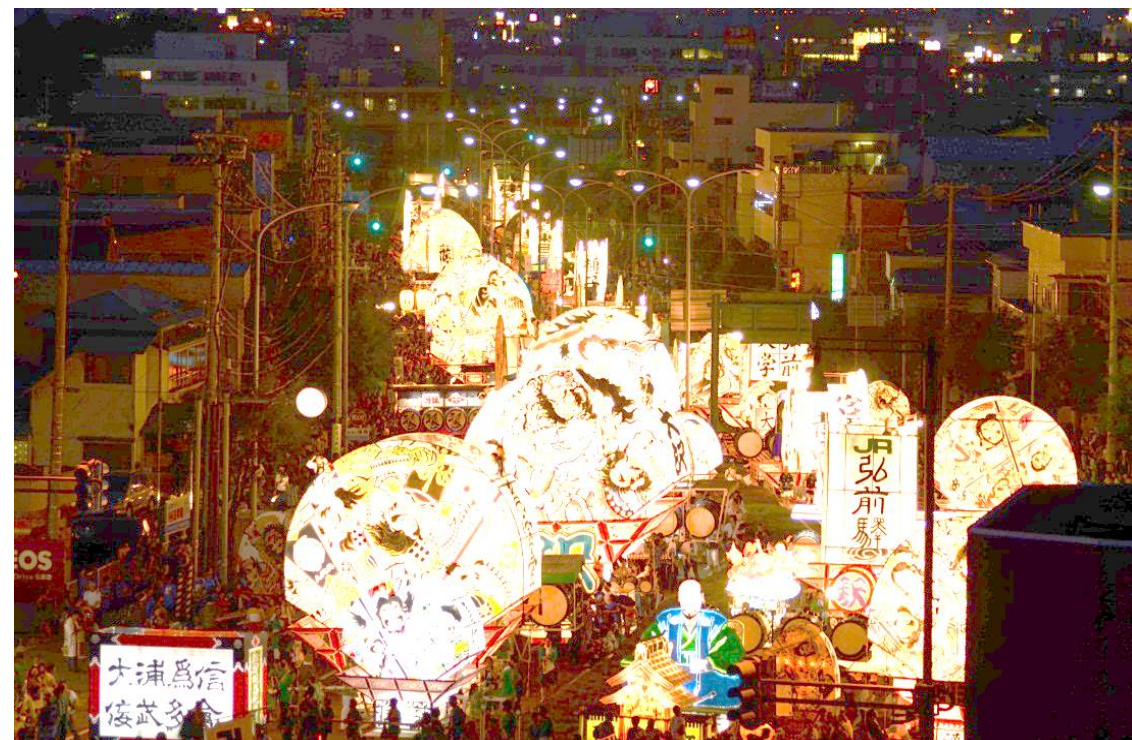
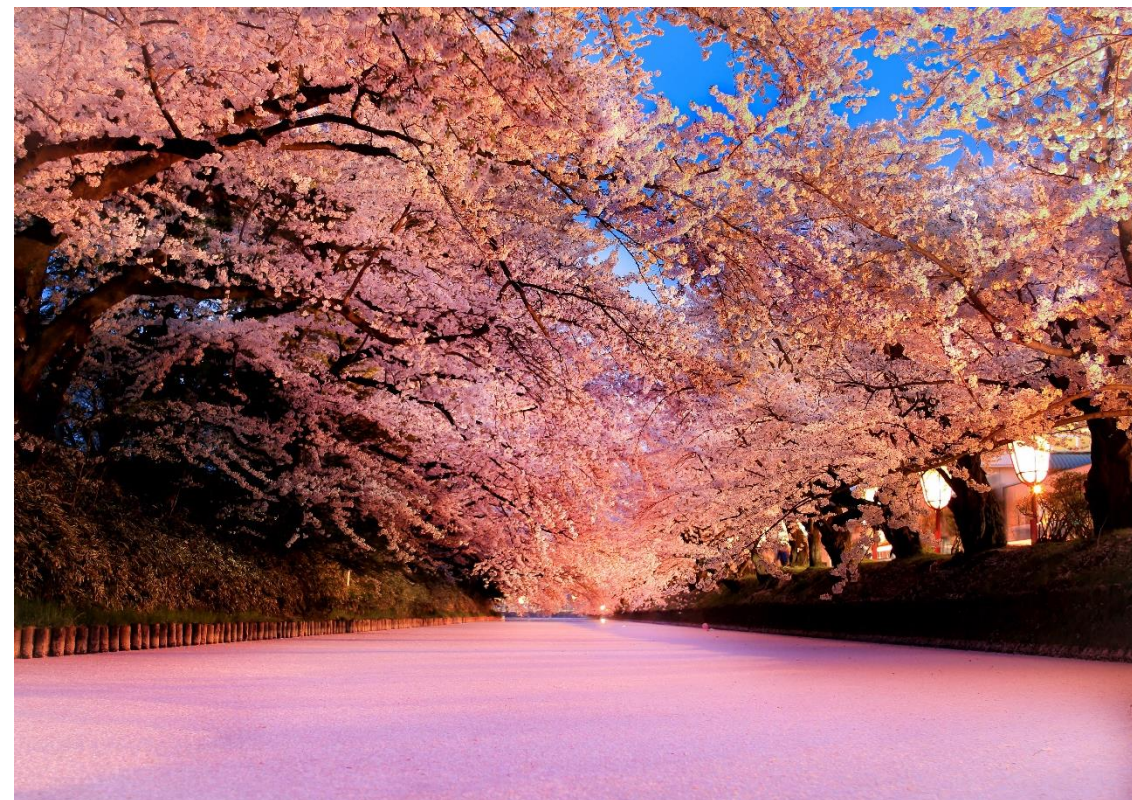
There are many Christian-related architectures

“Apple”



- Approximately 20% of Japan production
- Sales topped 100 billion yen(total of aomori pre)

“Tourism”



- Brand power for tourism is No.1 in tohoku
- 12spots listed Green michelinman guide japan



We will succeed to the next generation facilities familiar and loved by citizens

Maekawa Kunio Implementing a long-lived and renovated civic hall and museum designed to succeed to the next generation.

While implementing facility refurbishment and function improvement according to the era, a curse of Shiko Minkakata design Restoration and outdoor cafe terraces of the porch roof.



【 drop curtain of Shiko Munakata 】



【Hirosaki Civic Center】



【 Hirosaki City Museum 】

Utilization of historical buildings

Cultural property facility which was only used for conference room to the cafe to make it a familiar facility for citizens.



【Former the official residence of 8th Division commander】



【 Inside the store 】



Town hall as "Government building that can be used for 100 years"!

Long-lived and renovated while taking advantage of the main building's tangible cultural heritage's appearance.



【city hall】



Make a bad situation to the greatest chance once in 100 years as opportunity!

Hirosaki Castle stone wall repair takes about 10 years, so it will be a big pinch as a tourism resource, but in order to make this a good opportunity, a citizen experience event is held.



【 Ishigaki Repair Construction 】



【 Hikiya event 】

Utilizing infrastructure for tourism resources

Adjusting the amount of water By riverizing the outer moat, utilizing the flow that was born, formed flower rafts, built landscape value.



【hana-ikada】

Creating space that citizens and tourists can relax

Providing sounds from high-quality sound sources to the tea room in the Western-style building, and offering "apples" and "cherry blossoms"Improvement of environment that can spend more comfortable thanks to scented healing space.



【Fujita Memorial Garden 】

