



# Our Efforts to Achieve the Regional Circular and Ecological Sphere in Nagano

Eri Nakajima  
Vice Governor , Nagano Prefecture

# Introduction to Nagano Prefecture



Wine and vineyards

Longevity  
**The Longest in Japan**



Cuisine  
(Wild game meat)



(c) Zenkoji

Heritage  
(Zenkoji Temple)

Adaptation in Nagano



Outdoor Activities  
(Host city of the 1998 Nagano Winter Olympics and Paralympics)

Total Area of Natural Parks  
**The 3rd Largest**



Tourism  
(Kamikochi, the Japanese Alps)

Number of Hot Spring:  
**The 2nd Largest**



Hot Springs  
(“Snow Monkeys” at Jigokudani Wild Monkey Park)

# SDGs Localization in Nagano Prefecture

## Nagano Comprehensive Five-Year Plan and SDGs

Nagano Comprehensive Five-Year Plan (2018—2022)

Policies contributing to achieving SDGs  
Integrated achievement of environment, economy and social welfare

Nagano Prefecture has been designated as a SDGs Future City.

Start of the SDGs Consortium consisting of local governments, industry, financial sector and academics

Promotion of SDGs localization and projects for the Regional Circular and Ecological Sphere

## Nagano SDGs Future City Project

### Establishing Self-Sufficient Society

#### Contributing to the Regional Circular and Ecological Sphere

Providing learning environment for all

Planning sustainable city

Promoting localization of food, energy and timber

Achieving the 100% renewable energy community

## Efforts by Regional SDGs Consortium

### Regional SDGs Support System for Private Companies (tentative)

[Requirement 1] Commitment to target with three aspects



[Requirement 2] Basics required by the market from the SDGs prospect.

[Basics required by the market (examples)]

- ① Human capital
- ② Intellectual capital
- ③ Social capital
- ④ Natural capital

Not trading-off, but integrated management

Achievements

# The Regional Circular and Ecological Sphere

## Decarbonized Society/100% Renewable Energy Regions

### Decarbonized Society and SDGs

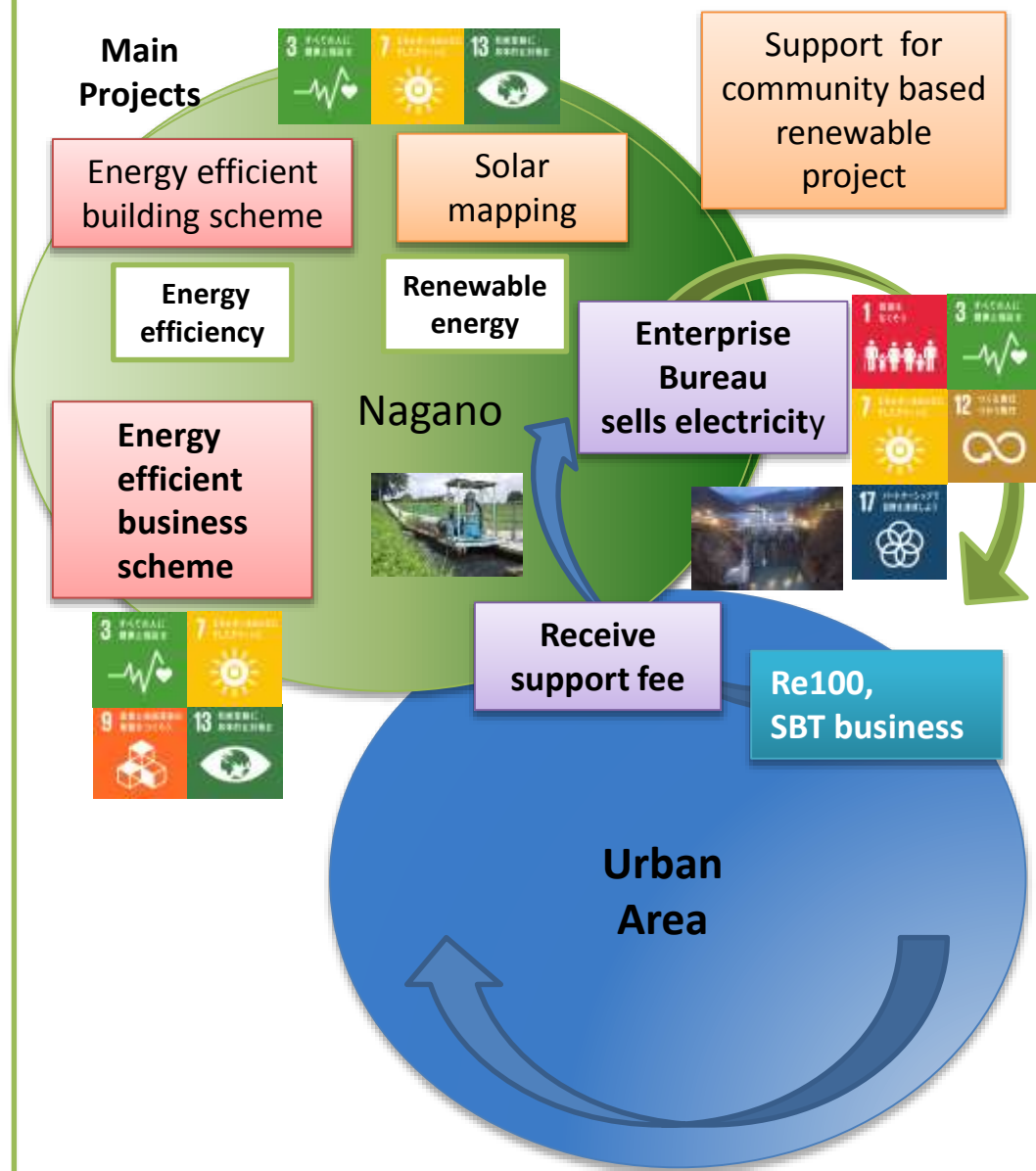
**Nagano Sustainable Energy Policy Strategy (2013-2020)**  
 Target of GHG reduction: 36% by 2030 compared to 2013

### Best Long Term Targets Awards

**Local Renewables Conference 2017 in Nagano**  
 Nagano Declaration:  
**Achievement of 100% Renewable energy Cities and Regions**

### Designated as the SDGs Future City

Consideration of a new strategy to achieve the Paris Agreement Target.  
 Moving forward for 100% Renewable Energy Cities and Regions



# The Regional Circular and Ecological Sphere Decarbonized Society/Bio Economy

## 【Bio Economy City: Ina City in Nagano Prefecture】

”Promotion of forest-based bio economy: Wide use of local timber in housing, wooden products in city center, bio energy, and exchange with Shinjuku City in Tokyo

### Biomass Energy



Fire wood delivery scheme at welfare facilities



Producing high quality wood pellets



Using biomass heat at public facilities



Human exchanges (experiencing forests)

### Utilizing forest resources



Wooden houses



Local revitalization by wood products at shopping areas



Wood products in urban areas



Ina City

Ina City Forest vision for 50 years

Sustainable Forest Management

Education in forests

Biodiversity

Hands-on at kinder gardens and elementary schools.

Disaster-resistant forests

Forest Friendship agreement

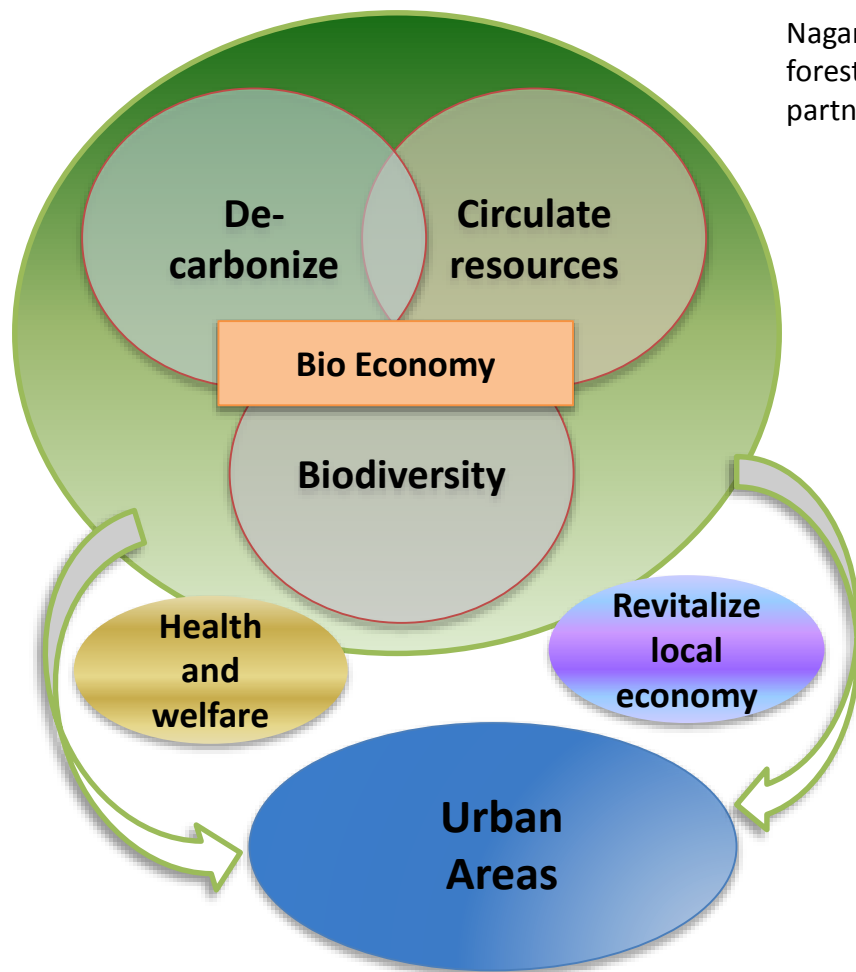
Funds

Shinjuku, Tokyo

Human exchanges (experiencing forests)

# Global Expansion of the Regional Circular and Ecological Sphere

Key concept for the Regional Circular and Ecological Sphere



International exchanges/partnerships are effective to spread the best practice for the Regional Circular and Ecological Sphere.

Nagano Prefecture signed an MOU in 2013 with Austria in the areas of sustainable forestry and timber industry to promote technical partnership. Also considering partnering with Finland and EU in the area of bio-economy.



Partnership and exchange are necessary among local government, businesses, research institutes and international organizations in terms of a learning opportunities/ human resources development, technology/knowledge transfer.

Nagano Prefecture is member of ICLEI and will take part in the GCCC.

In June 2019, G20 Ministerial Meeting on Energy Transitions and Global Environment for Sustainable Growth will be held in Karuizawa Nagano.



Our expectations: To promote global networking and create a partnership scheme among local governments and other stakeholders, and to receive support from the national government.

