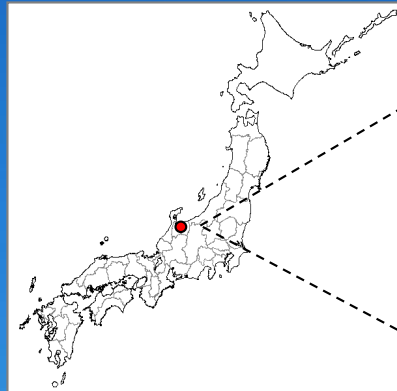


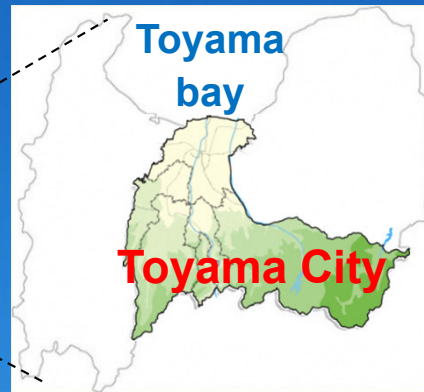
# Toyama's City-to-City Collaboration Project



# Outline of Toyama City



■ Map of Japan



■ Toyama Prefecture

- Population: 418,686 people(2015 census)
- Area: 1,241 km<sup>2</sup>
- Diverse topography ranging from a sea level of -1000 m (Toyama Bay) to 2,986 m (Mt. Suishodake)
- General Account Budget: ¥165.5 billion (FY2020)
- Industries: pharmaceutical, high-tech, robotics, electronic parts, banking



# Issues confronting Toyama City

**(1) Dwindling population and a super-aging society**

**(5) Increase in carbon dioxide emissions**

**(2) Excessive dependence on automobiles and decline in public transportation**

**(6) Similar public facilities due to municipal mergers**

**(3) Loss of attractiveness of the central city district**

**(7) Appropriate management of social infrastructure**

**(4) Higher administrative costs of city management**

**(8) Dissociation of life expectancy and healthy life expectancy**





# Toyama City's Main Policies





# Formation of an LRT Network

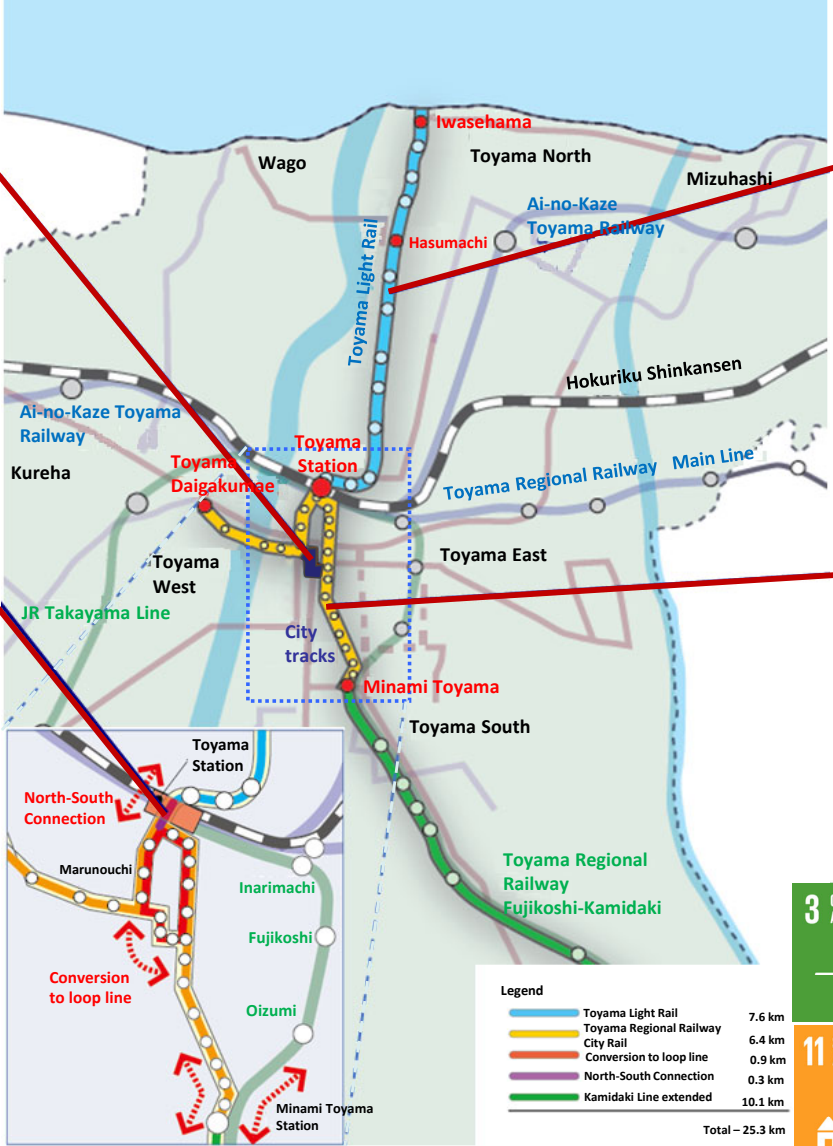
## People-friendly and Eco-friendly LRT Network Fosters Connectivity



City Train Loop Line  
Opened Dec 2009



Services extended to go below  
Shinkansen's elevated tracks  
Opened Mar 2015




Toyama Light Rail (2006)



City Train Line

<p>3 GOOD HEALTH AND WELL-BEING</p>	<p>4 QUALITY EDUCATION</p>	<p>7 AFFORDABLE AND CLEAN ENERGY</p>	<p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p>
<p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>	<p>13 CLIMATE ACTION</p>	<p>17 PARTNERSHIPS FOR THE GOALS</p>	

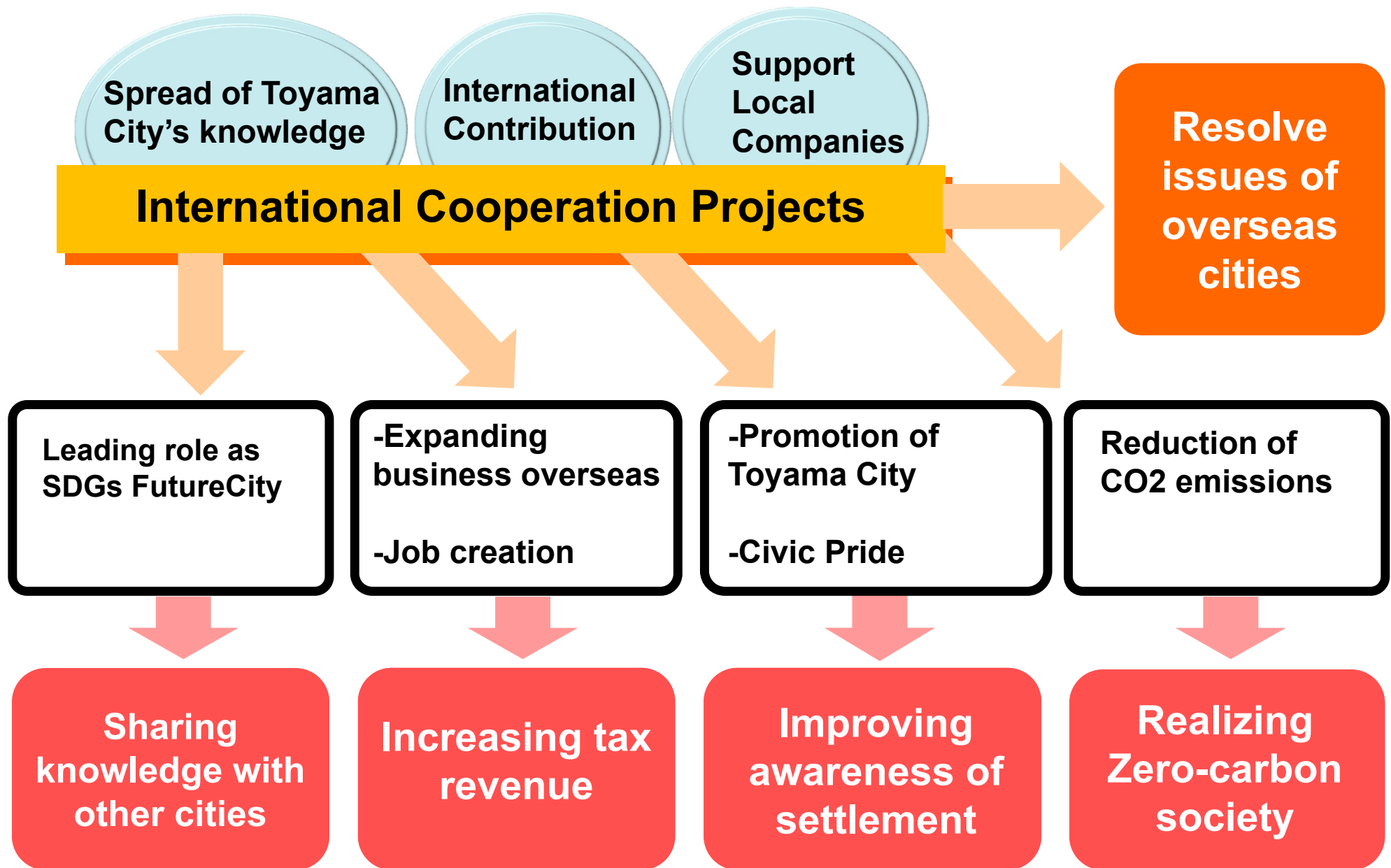


A scenic view of a park with cherry blossoms, a grassy area with people, and snow-capped mountains in the background. The foreground shows a body of water and a metal railing. The middle ground features a grassy slope where many people are sitting and walking. The background is dominated by large, snow-capped mountains under a clear blue sky. The text "City to City Collaboration" is overlaid in the center in a large, bold, black font.

# City to City Collaboration

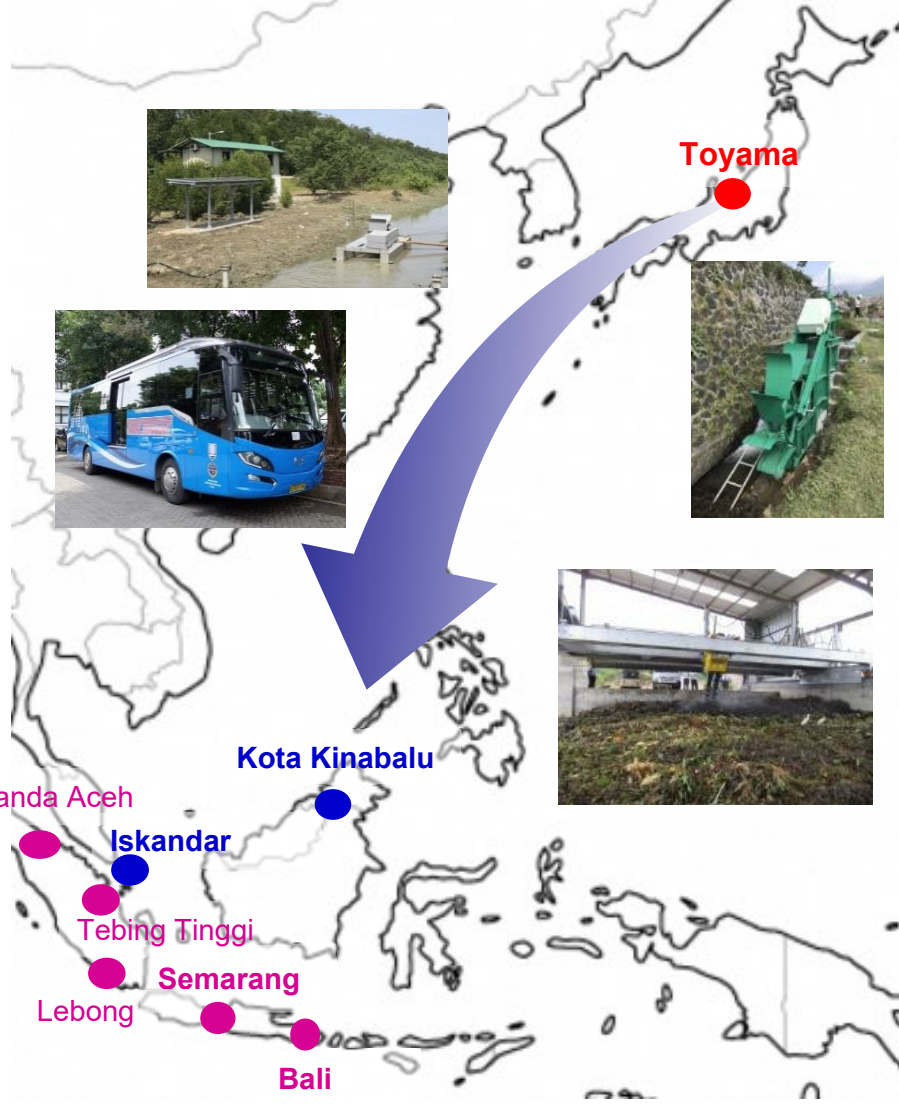


# Significance of international cooperation





# International Promotion of Toyama's SDGs Model –Technology/Know-how Exports-



**Bali, Indonesia**

**Tabanan, Bali, Indonesia**

**Semarang, Central Java, Indonesia**

**Lebong, Indonesia**

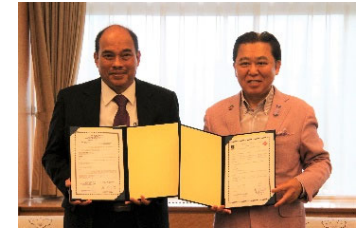
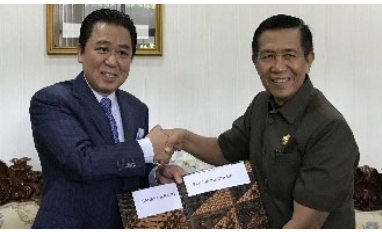
**Klungkung, Bali, Indonesia**

**Tebing Tinggi, North Sumatera, Indonesia**

**Iskandar, Malaysia**

**Kota Kinabalu, Malaysia**

**Renca, Santiago, Chile**





## Challenges

Traffic Congestion/  
Revitalizing Public Transportation

Realization of  
Low-carbon Society

Toyama's know-how/  
company's technology

Public transportation (CNG bus)

Utilization of renewable energy





# Klungkung, Bali (Indonesia)

## Challenges

Power shortage

Decline of agriculture

### Toyama's regional characteristics

Abundant water resources

Complete agricultural water supply network

Agriculture with focus on rice cultivation



### Toyama's know-how/ company's technology

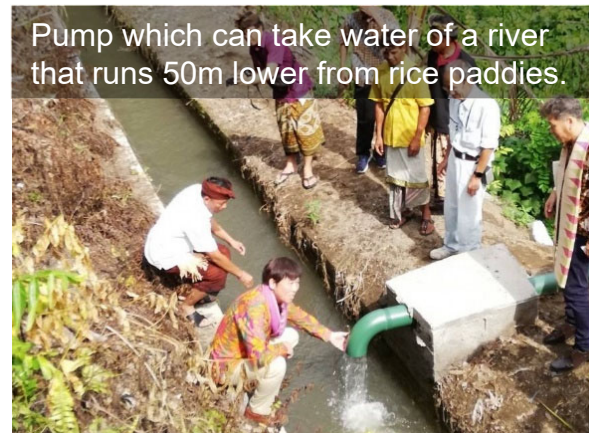
Solar power generation

Irrigation technology

Project

Solutions

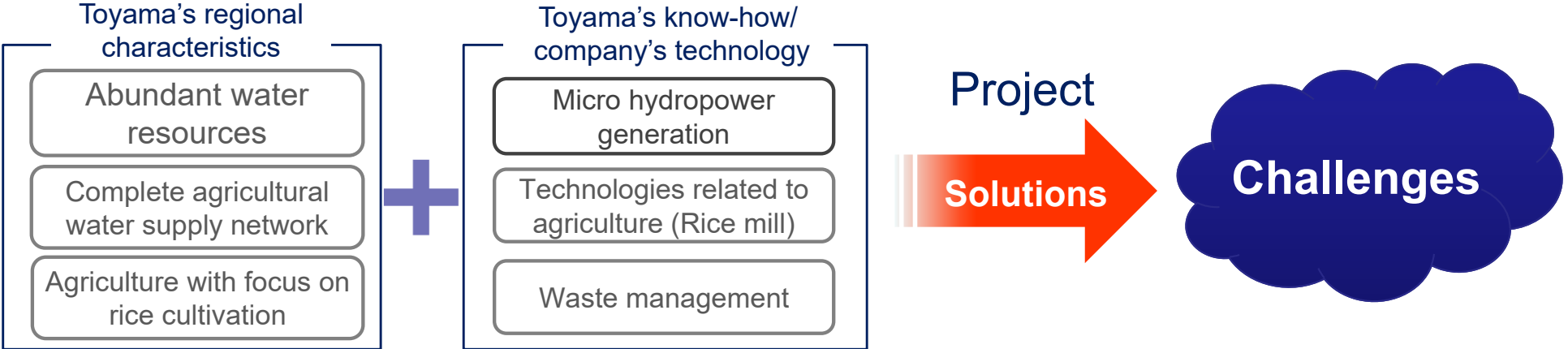
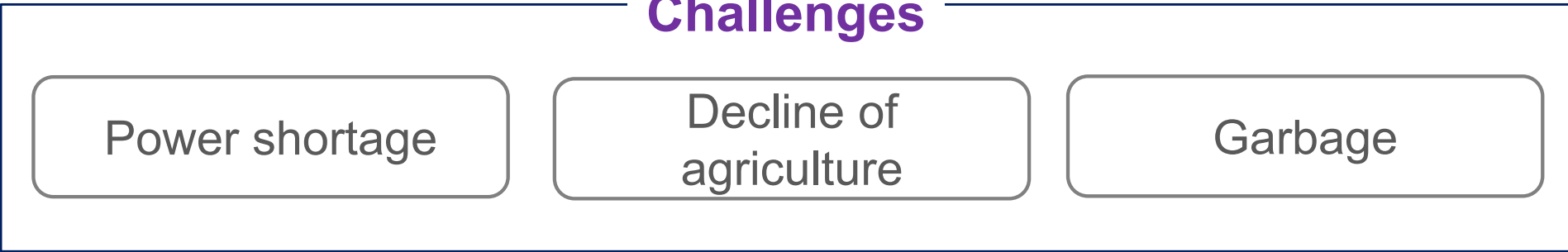
Challenges





# Tabanan, Bali (Indonesia)

## Challenges





## Challenges

Environmental load by rapid development

Population congestion/  
Traffic congestion

Intercity traffic network

Responding to increased energy demand

Toyama's know-how/  
company's technology

Compact city planning

Micro hydro generation and  
other renewable energy

Eco and people-friendly  
transportation

Project

Solutions

Challenges





## Challenge

Increase interest in environmental issues and renewable energy

Toyama's know-how/  
company's technology

Micro hydropower generation technologies

Solar power technologies

Project

Solutions

Challenge



Float-type Micro Hydropower Facility



Completion Ceremony





# Background of Maldives and Toyama Collaboration



**Group Photo at the Training on City-to-City Collaboration for Creating Low-Carbon Society Program (Nov. 2019)**



**Courtesy visit to the mayor of Toyama (Jan 2020)**



**Courtesy visit to H.E. Ms. Takeuchi, Ambassador of the Embassy of Japan in Maldives (Dec. 2021)**



A scenic view of a park with cherry blossoms, a grassy area with people, and snow-capped mountains in the background. The text "Thank you!" is overlaid in the center.

**Thank you!**