





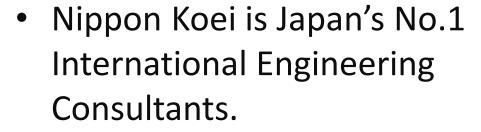
Development of JCM Projects through City-to-City Collaboration between Renca Municipality and Toyama City

City-to-City Collaboration for Zero Carbon Society

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funded by Ministry of the Environment, Japan

1 NIPPON KOEI



 During 70 years, Nippon Koei has worked on over 5000 multidisciplinary infrastructure projects in 160 countries all over the world.



1 NIPPON KOEI

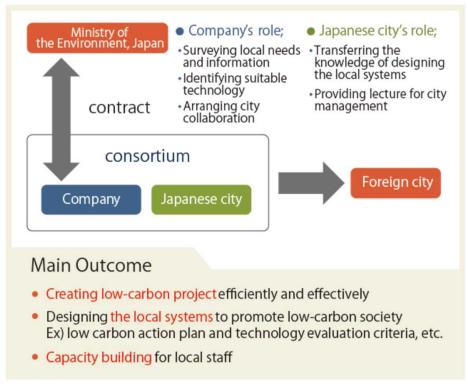
Nippon Koei has its own network in Latin-America especially through its subsidiary, Nippon Koei LAC based in Panama.



Since 2015, we are developing JCM projects in Chile with the support of MOEJ and JICA. We support to develop many approved JCM projects in Chile and other countries.

2 CITY-TO-CITY COLLABORATION

Ministry of the Environment, Japan launched City-to-City collaboration scheme in 2013. This year, we are happy to start this first project in Latin-American countries.

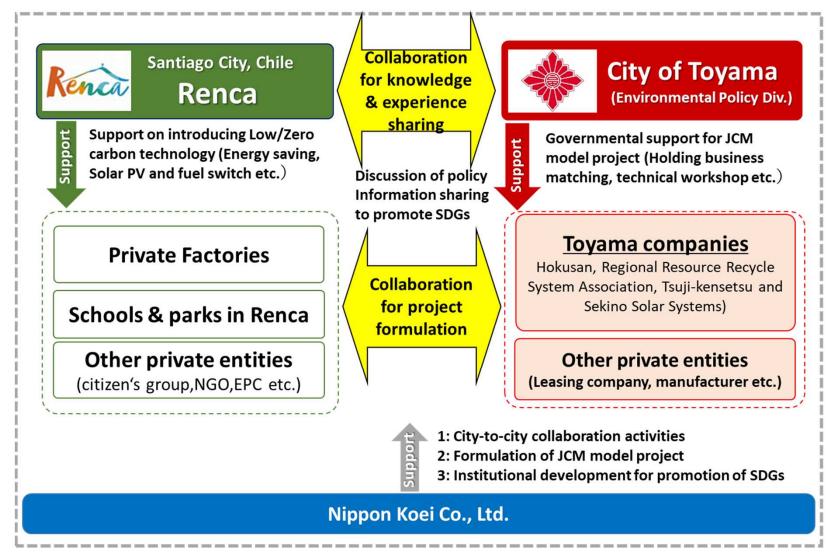




Low-carbon project development under the City-to-City Collaboration Programme (an example)

Outline of City-to-City Collaboration Programme

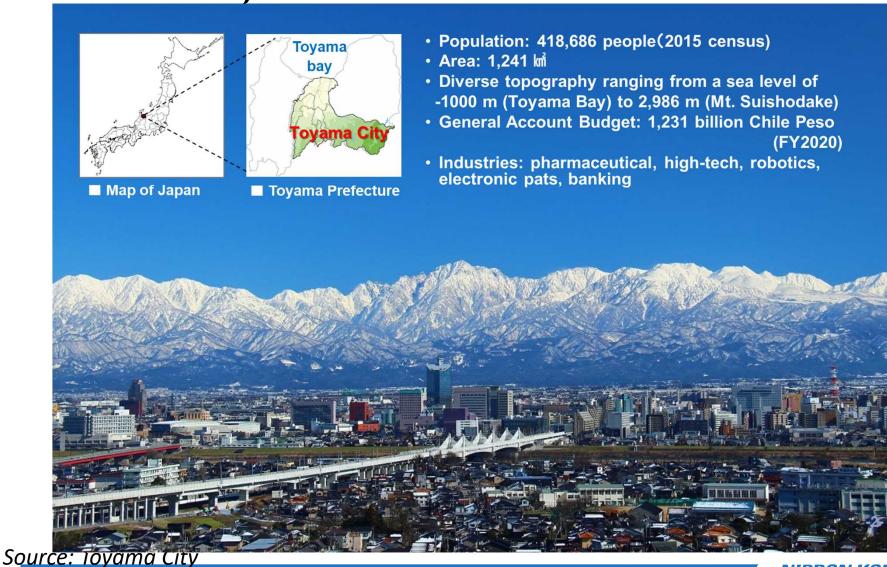
Source: MOEJ





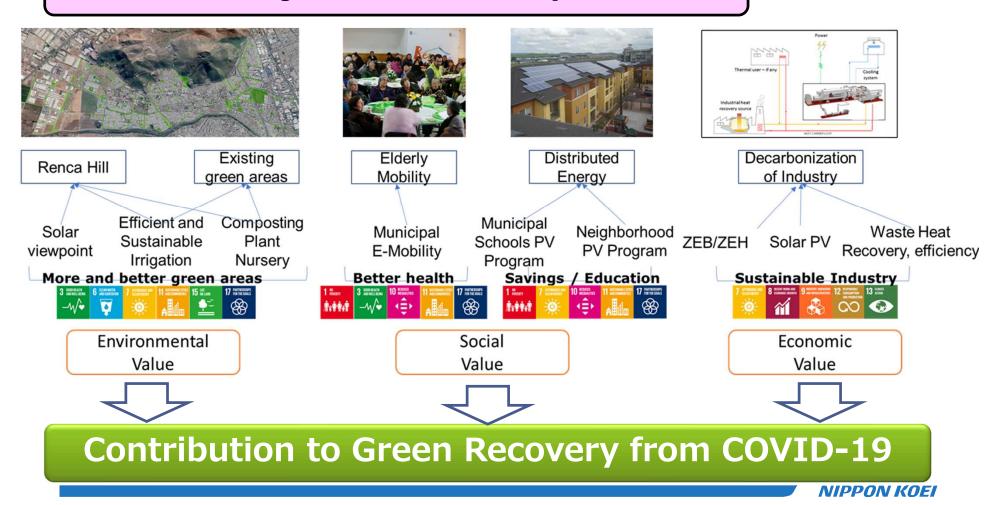


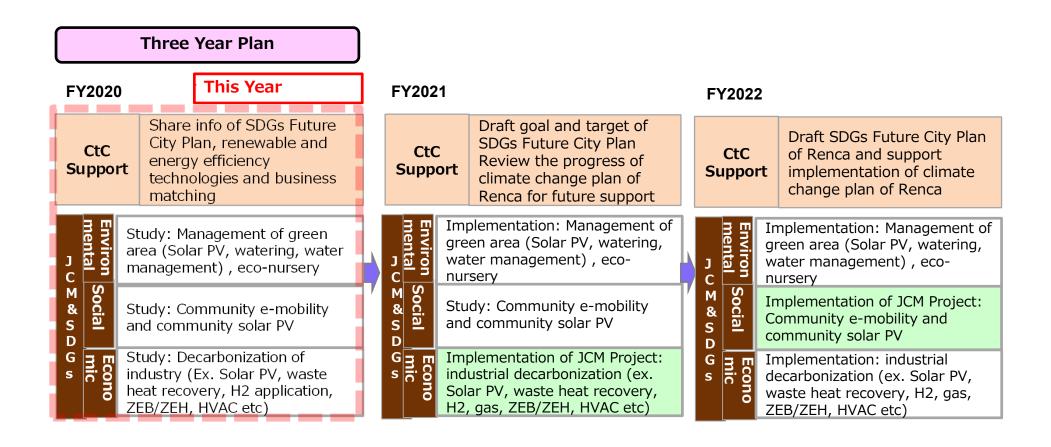
Source: Toyama City



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Potential Projects and Concept of SDGs





FY2020 Activities

- 1. Starting periodical web conferences
- 2. Preparing presentation material of Toyama experiences and technologies in Spanish
- 3. Reviewing existing plans and identify priorities of Renca
- 4. Holding business matching events
- 5. Listing up potential JCM Model Projects

Business Matching Seminar



Exit Strategy after 3 years

- 1.City-to-city collaboration: the Climate Action Plan of Renca, the goals of the SDGs and human and technical exchanges through periodical web conferences.
- 2.JCM model project: at least two projects with draft further extension plan.
- 3.Other SDGs-related projects: Project development with various financial sources

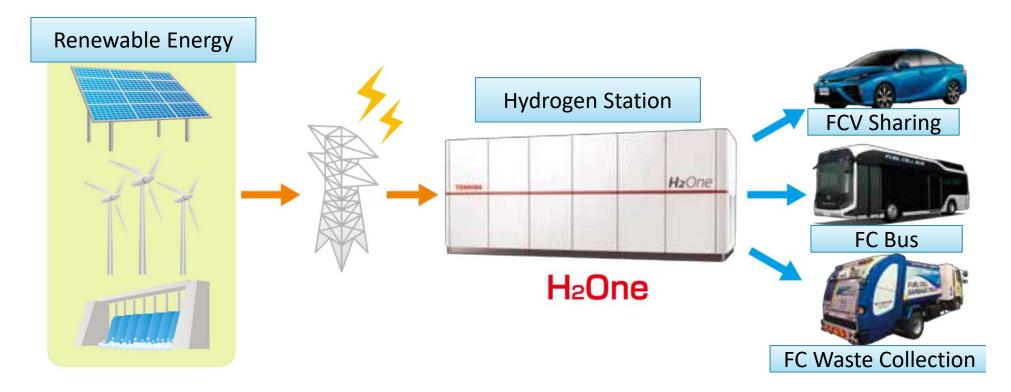
4 PROJECT DEVELOPMENT

Toyama Companies









Green Hydrogen in Toyama Environment Center

4 PROJECT DEVELOPMENT Toyama Companies







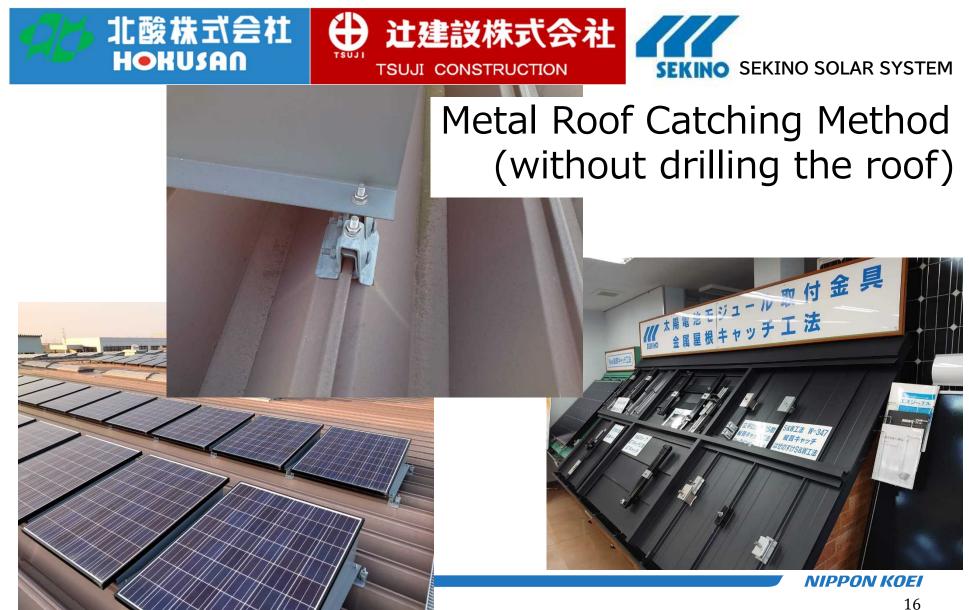
Filling Green Hydrogen to Fuel Cell Vehicle





4 PROJECT DEVELOPMENT

Toyama Companies



5 IMPACT BY COVID-19 & COUNTERMEASURES

Cancellation of trips

- (First year without direct contacts is not that easy)
- Regular technical meetings between Renca, Toyama and consultants every two weeks
- Exchanging a little more private information in selfintroduction sheets
- There were lock-downs in Chile, making field survey

more difficult

Nippon Koei		
	Big tires! (in Chile)	
Name	SAITO Tetsuya	
Entity (Affiliation)	Nippon Koei	
Title/ Position	Team Leader	
Hobby	Playing saxophone	
Favorite restaurants in	- Miraolas (Seafood Restaurant, I love king crabs!)	
Santiago	- Don Carlos (Steak)	
	CONTRACTOR OF THE CONTRACTOR O	

City-to-City Collaboration for Zero Carbon Society - Proje

5 IMPACT BY COVID-19 & COUNTERMEASURES

Speeches of Ambassador and Mayor

- Climate change issue is globally important and Chile commits to Carbon Neutrality
- Renca puts SDGs (ODS) in its strategy
- Renca will contribute to climate change issues through installing PV solar to schools and government buildings

Interests from private sector

 Many large companies have their businesses in Renca and many of them are targeting GHG emission reduction



Contribution to Green Recovery from COVID-19

6 CONSULTING SERVICE BY NIPPON KOEI

Please feel free to send e-mail to following address

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Muchas gracias!!