

City-to-City Collaboration Project between Renca, Chile and Toyama City, Japan

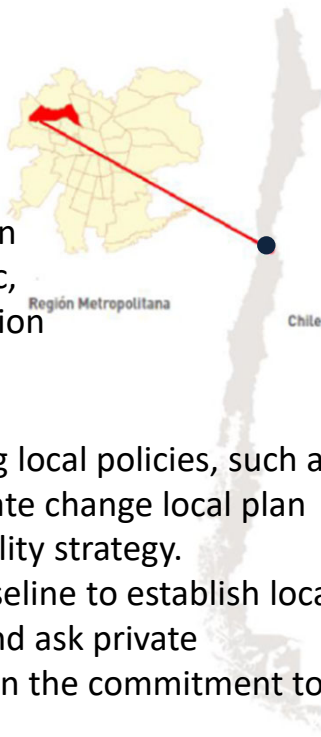
-Project to Promote SDGs Future City with Renca, Santiago-

Toyama City and Renca signed a cooperation agreement on environment in 2019 and have continued discussions. This city-to-city project aims to support the issues facing Renca from the environmental, social, and economic aspects by sharing the knowledge and experience of Toyama City's SDGs future city planning and the technology by companies in Toyama City. Main activities in FY2021 were (1) **support for Renca's Race to Zero and SDGs** and (2) **support for JCM project formulation by applying JCM model project on solar PV system installation and study on introduction of hydrogen mobility**

Renca Municipality, Chile

Actions for Race to Zero

- Renca was the **first Municipality of Chile that joined Race to Zero** in October 2021 and has been promoted social, economic, and territorial transformation in order to build a resilient society to climate change.
- Renca has been developing local policies, such as local energy strategy, climate change local plan and local sustainable mobility strategy.
- Renca has developed a baseline to establish local goals for GHG reduction and ask private companies to be involved in the commitment to carbon neutrality.



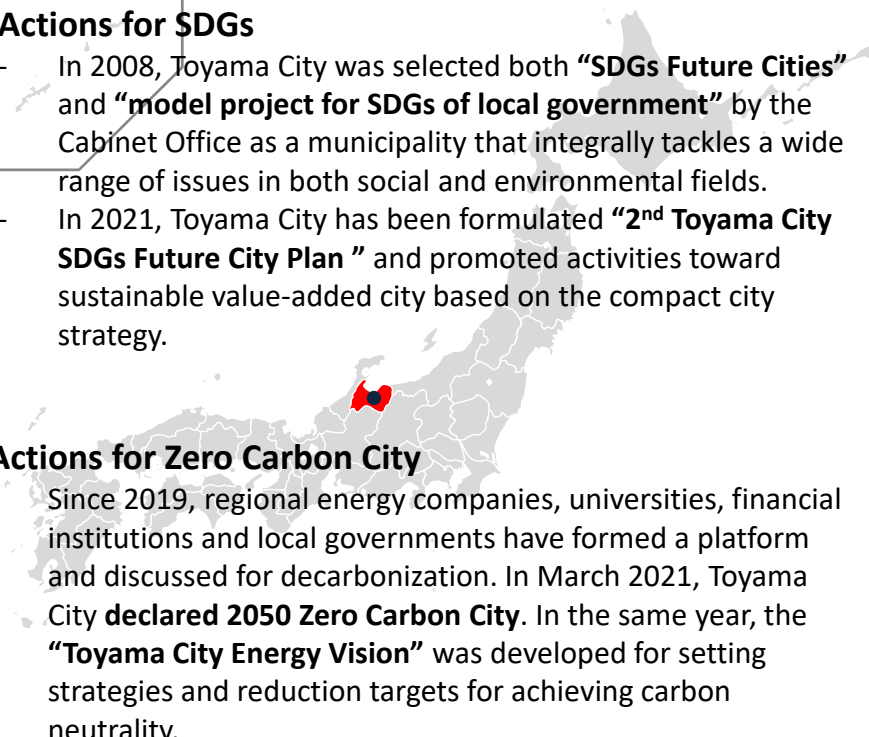
Toyama City, Toyama Prefecture

Actions for SDGs

- In 2008, Toyama City was selected both “SDGs Future Cities” and “model project for SDGs of local government” by the Cabinet Office as a municipality that integrally tackles a wide range of issues in both social and environmental fields.
- In 2021, Toyama City has been formulated “2nd Toyama City SDGs Future City Plan ” and promoted activities toward sustainable value-added city based on the compact city strategy.

Actions for Zero Carbon City

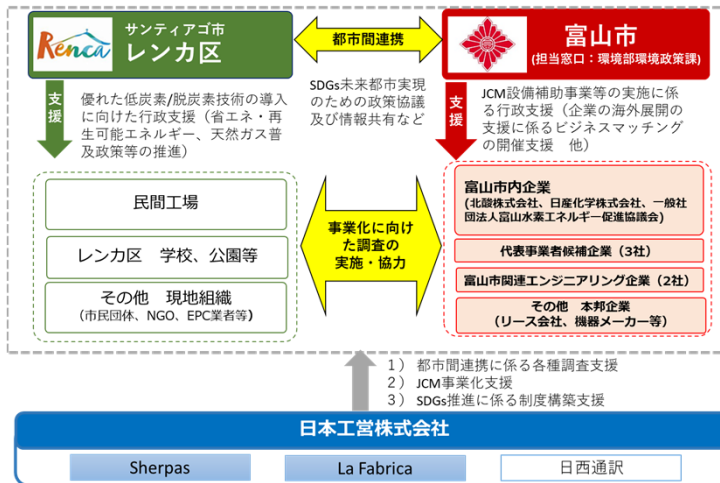
- Since 2019, regional energy companies, universities, financial institutions and local governments have formed a platform and discussed for decarbonization. In March 2021, Toyama City **declared 2050 Zero Carbon City**. In the same year, the “Toyama City Energy Vision” was developed for setting strategies and reduction targets for achieving carbon neutrality.



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【Implementation Structure】



【Project Activities and Outcomes】

<City-to-City Collaboration Activities>

- **One on-site meeting** was held to report on this year's activities and exchange opinions for the Phase 2 to deepen the understanding of **the needs of Renca Municipality.**
- **Assessed Renca's SDGs activities** with the SDGs assessment tool "TSUMUGI@" for local governments and analyzed the current status and gave feedback.
- **Conducted company visits** in Renca district in cooperation with Renca Municipality to discuss the formation of candidate projects for **JCM projects in the next fiscal year.**

<JCM Project formulation>

- Considered the **introduction of hydrogen mobility** as a transportation for the elderly people in Renca, and examined the introduction possibility and operation system of FC buses/vehicles and hydrogen stations.
- Applied for **two JCM model projects (FY2022),** and **one project to introduce 2.0MW roof top PV system at plastic plant in Renca** was selected.

【Picture】



Toyama/Renca on-site meeting



Planned installation location of 2.0MW solar PV system (Roof of plastic factory in Renca)