

City-to-City Collaboration between Renca, Santiago in Chile and Toyama City

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 formulation of JCM model projects for introduction of solar power facilities and 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.



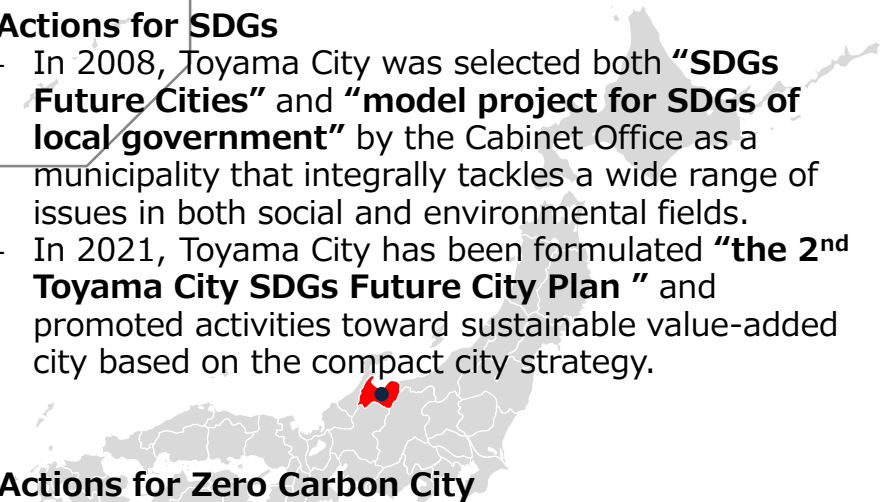
Toyama City, Toyama Prefecture

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 “**the 2nd Toyama City SDGs Future City Plan**” and promoted activities toward sustainable value-added city based on the compact city strategy.

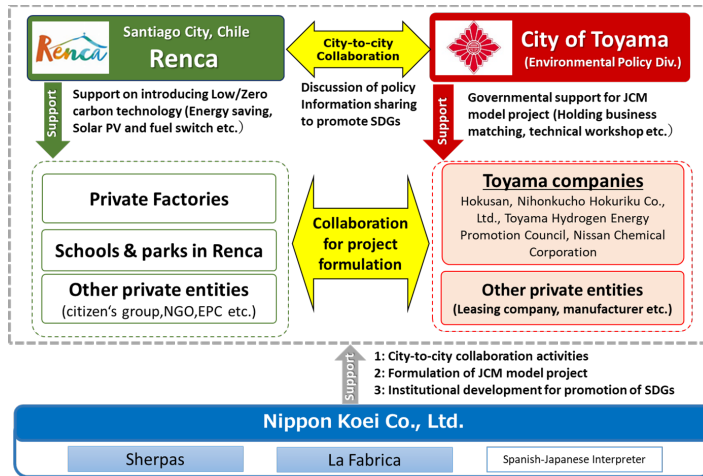
Actions for Zero Carbon City

- 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】

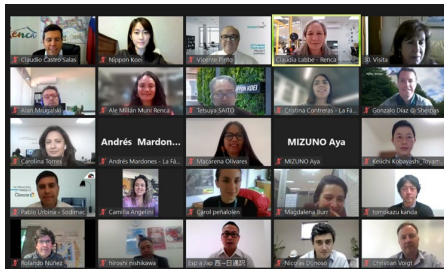
<City-to-City Collaboration Activities>

- **Race to Zero /Zero Carbon City seminar** was held to raise awareness for companies in Renca and share the experience of both cities and private companies **as an example of public-private partnership for decarbonization**.
- Toyama City shared formulation process and KPI setting methods of "Toyama City Energy Vision" through **three technical meetings** between Renca and Toyama City.
- **Assessed Renca's SDGs activities** with the SDGs assessment tool "TSUMUGI" for local governments and analyzed the current status.

<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.
- Considered the **introduction of roof top PV** to public facilities and private company's factory in Renca, and discussed with stakeholders such as ESCO companies for project formation.

【Picture】



Race to Zero/ Zero Carbon City Seminar



Mayor of Renca at Japan Pavilion, COP26