



The Ideal City, Starting from Toyama

-The challenge to create a zero carbon city-

Zero Carbon City International Forum

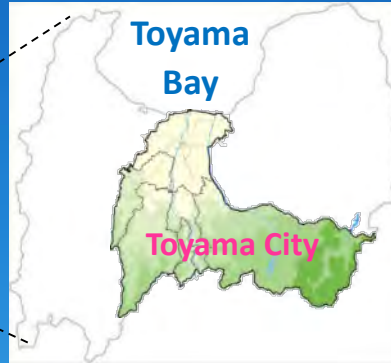
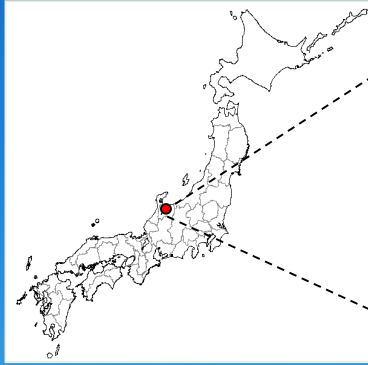
Mar. 10, 2022

Seiichi CHAKI

Director General, Environmental Dept.

TOYAMA CITY

Outline of Toyama City



■ Toyama Prefecture

- Population: 414,171 people(2020 census)
- Area: 1,241 km²
- Diverse topography ranging from a sea level of -1000m (Toyama Bay) to 2,986m (Mt. Suisho)
- Industries: pharmaceutical, high-tech, robotics, electronic parts, banking

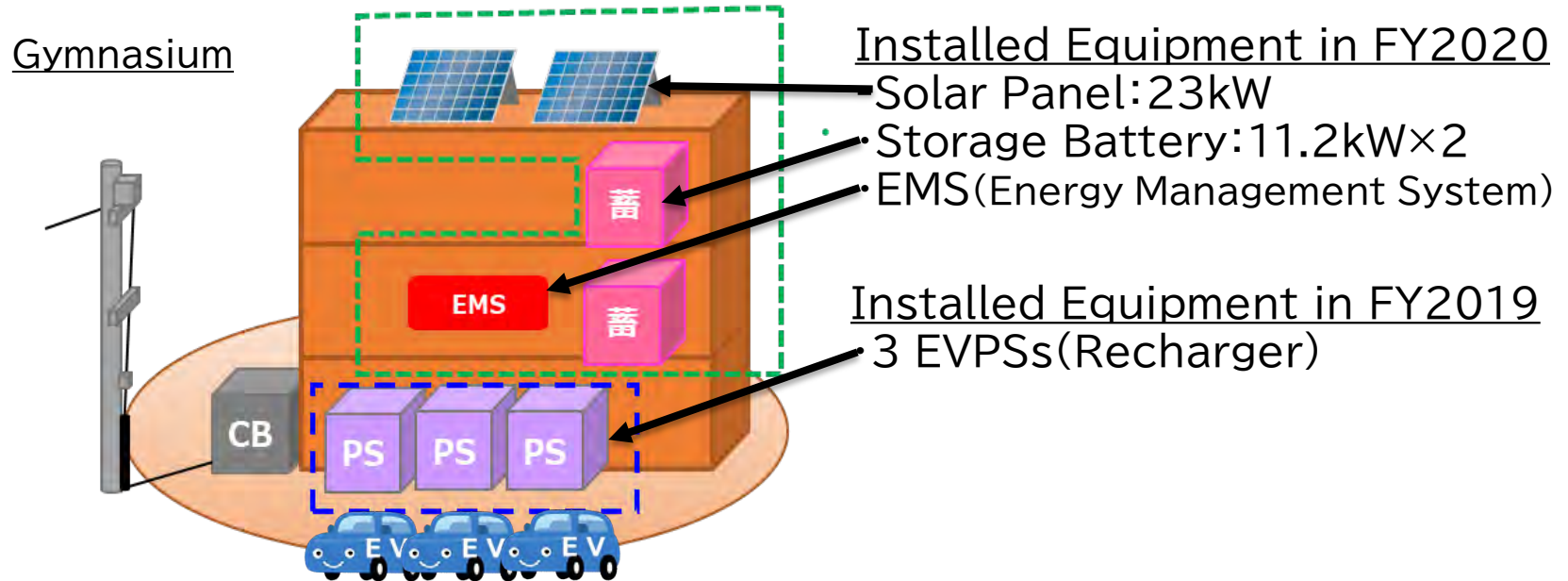


To Advance Local Decarbonization

-Toyama City Energy Vision-

1. Promote the introduction and expand use of renewable energy
2. Promote energy conservation
3. Revitalizing the energy business sector
4. Promoting collaboration between business and key stakeholders.

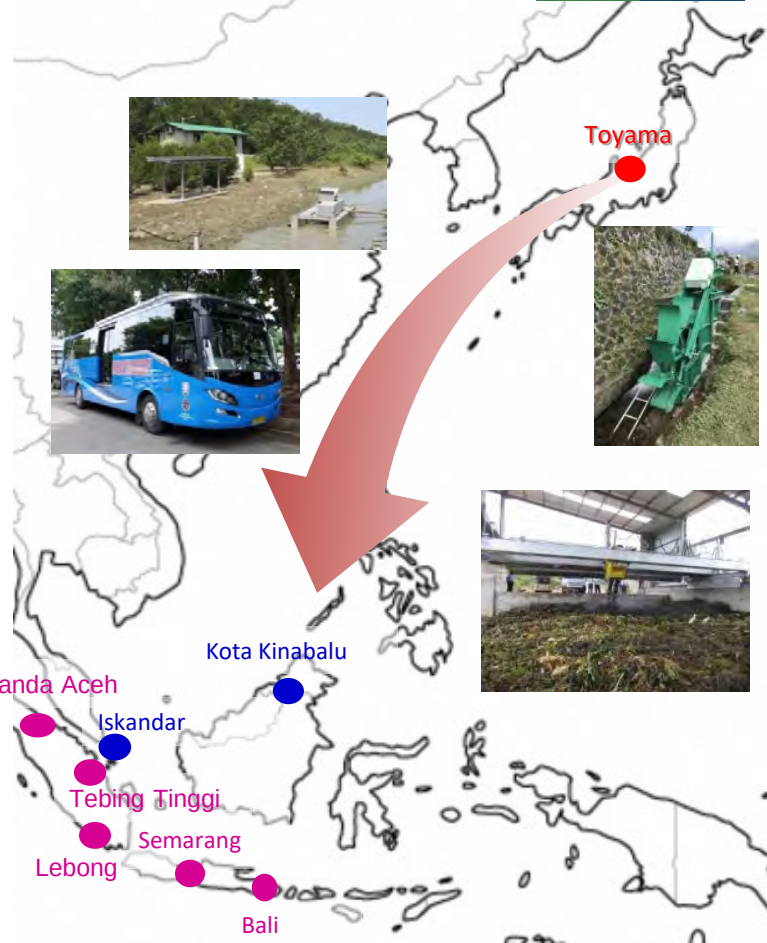
Creating Self-Sustaining Distributed Model



- Normal time:
Reduce CO2 emissions by expanding the use of RE
- In case of disaster:
Strengthen function as an evacuation facility by
securing independent power source

Toyama's International Cooperation

-Technology/Expertise Exports-



Bali, Indonesia

Tabanan, Bali, Indonesia

Leborg, Indonesia

Semarang, Central Java, Indonesia

Klungkung , Bali, Indonesia

Tebing Tinggi, North Sumatera, Indonesia

Iskandar, Malaysia

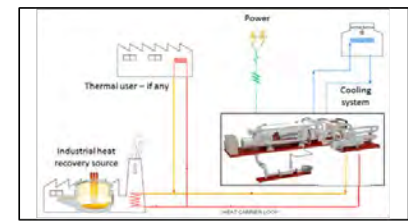
Kota Kinabalu, Malaysia

Renca, Santiago, Chile

Cooperation Agreement between Renca and Toyama



Project Development In Line with SDGs



Renca Hill

Existing green areas

Elderly Mobility

Distributed Energy

Decarbonization of Industry

Solar viewpoint

Efficient and Sustainable Irrigation

Composting Plant Nursery

Municipal E-Mobility (EV / FCV)

Municipal Schools PV Program

Neighborhood PV Program

ZEB/ ZEH

Solar PV

Fuel conversion for transport

Hydrogen / Ammonium use

More and better green areas



Environmental Value

Health / Welfare



Social Value

Education / No Poverty



Sustainable Industry



Economic Value



Thank you for your attention!



TOYAMA
SDG City of Tomorrow