

# City of Sendai: **Our DRR Initiatives**

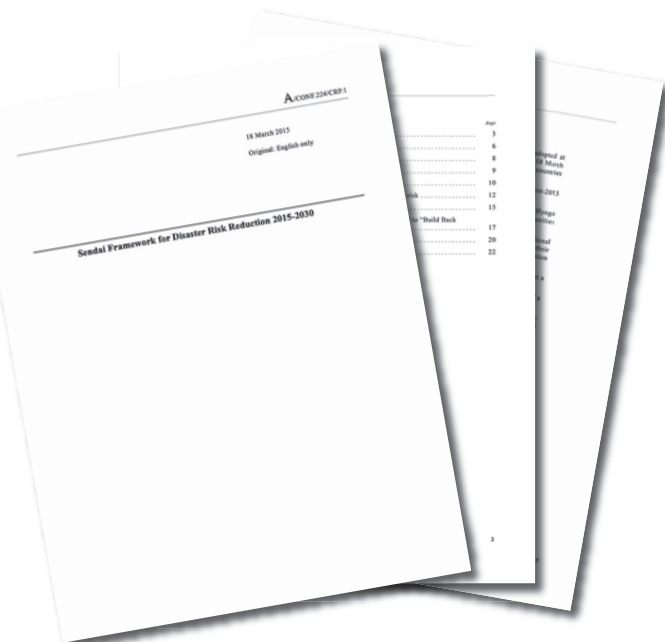


# Sendai / JAPAN



The Third United Nations World Conference on Disaster Risk Reduction

The City of Sendai, as the place where the Sendai Framework for DRR was adopted, worked together with the International Research Institute of Disaster Science (IRIDeS) at Tohoku University to assess the progress and achievements of the “Priorities for Action” and the “Global Targets” in Sendai City.



Sendai Framework for Disaster Risk Reduction 2015-2030

# Conveying Experiences and Lessons Learned through Memorial Facilities and DRR Education



Ruins of the Great East Japan Earthquake:  
Sendai Arahama Elementary School



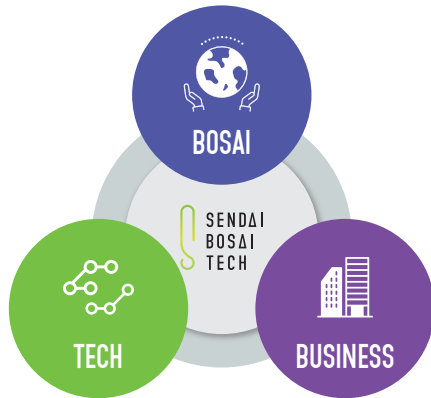
Sendai 3/11 Memorial Community Center

Deepening Understanding of Disaster Risks



# Collaboration with Research Institutions and the Private Sector

## – BOSAI-TECH Innovation



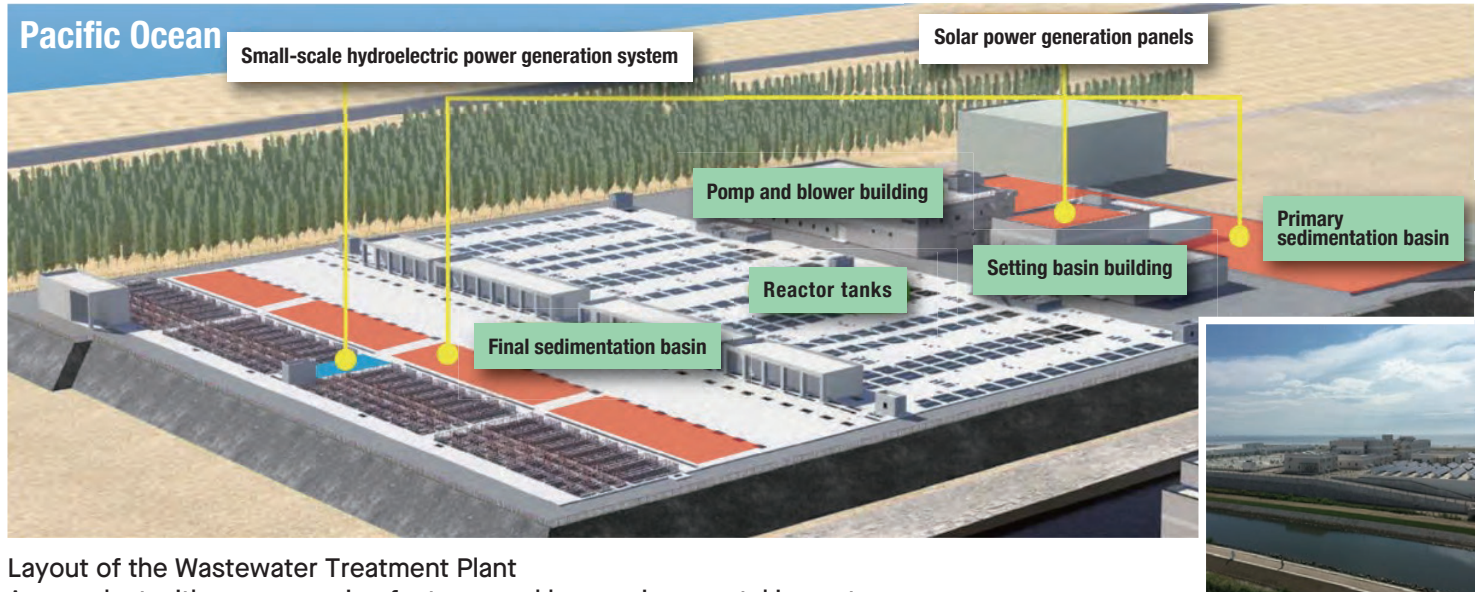
Sendai BOSAI-TECH is Innovation Platform



Tsunami Evacuation Announcement Drone Operation

Following compilation of the “Sendai Economic Growth Strategy 2023” in March 2019, this program is intended to create cooperation between ICT enterprises and private sector, etc. and promote innovation in a wide range of fields, and to vitalize local industries by creating disaster risk reduction-related industries through “BOSAI x IT” (BOSAI-TECH) and field testing of drones, etc.

# Revitalization of the Eastern Coastal Area which Embody the Principles of Build Back Better



Layout of the Wastewater Treatment Plant  
A new plant with energy saving features and low environmental impact

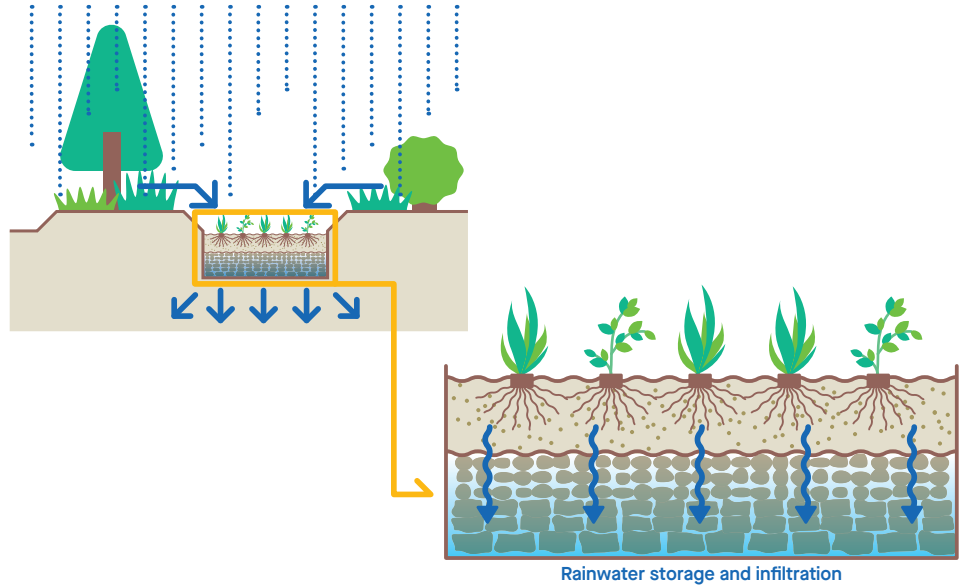
Minami-Gamo Wastewater Treatment Plant

**Build Back Better**

# Promotion of “Flood Control Measures”and “Green Infrastructure”



Shield Machine



Mechanism of rain garden

Rain gardens are expected to control rainwater runoff, promote landscaping and greening, and mitigate the heat island effect.

# Collaboration with Various Stakeholders



Discussion



Presentation



Workshop

The importance of involving diverse stakeholders in disaster management, effectively communicating information to more people, and initiatives that boost the effectiveness of evacuation has been confirmed.

## For Further Information



<https://sendai-resilience.jp/en/>

We will share the approaches and assessment methods of the Sendai Edition Midterm Review for Sendai Framework for DRR domestically, internationally, and with the UN, while supporting other municipalities that plan to conduct similar evaluations, so as to promote global DRR.