

# Leveraging Synergies Between Climate, Environment and Other Concerns in Japan and Beyond

How Japan's Experience will be able to Contribute to the IPCC Special Report on Climate Change and Cities

March 19, 2025

Eric Zusman

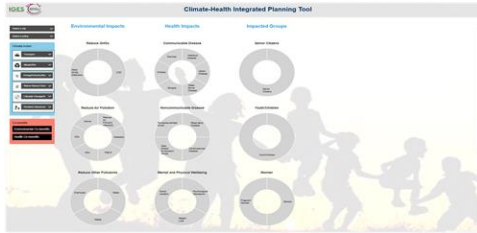




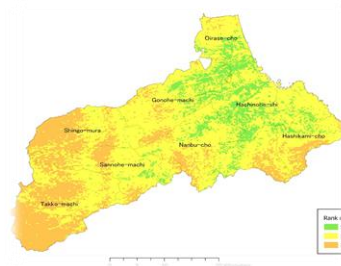
# Wellcome Project Goal

Providing Japanese and other G7 cities with the...

## 1. Tools



## 2. Evidence



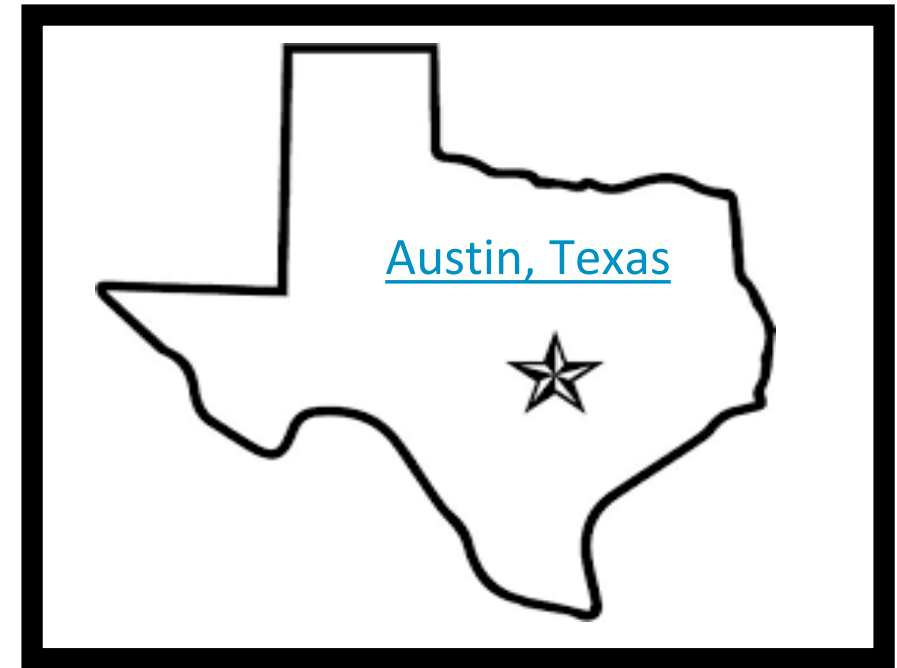
## 3. Experiences



to leverage synergies between climate, health, environment and related SDGs in relevant plans.



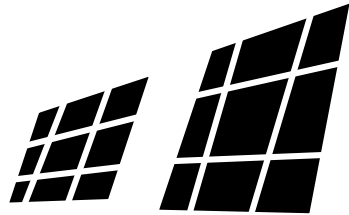
# Project Locations: Five G7 Cities



# Why is integrating climate, environment, health, and related **SDGs important in cities?** It can demonstrate the local benefits for addressing a global problem

## 1. Climate Actions

Decarbonization



Resilience

## 2. Local Environmental Benefits

Cleaner air, water, and less waste



cool

Cooler temperatures

## 3. Local Health and Social Benefits

Healthier Cities



Select a city ▼

Select a policy ▼

Climate Action

EV ▼

Waste ▼

Solar ▼

Nature-Based Solu. ▼

Lifestyle Change/A ▼

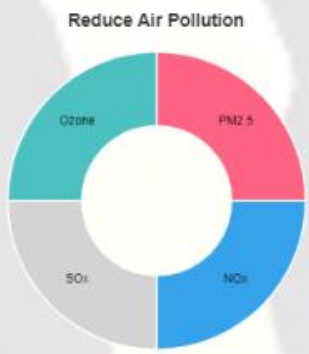
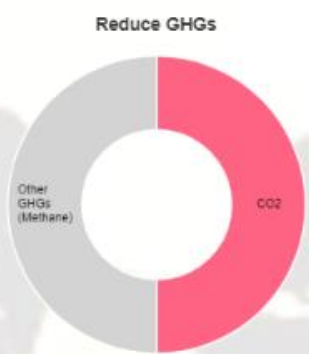
Resilient Infrastruc. ▼

Co-benefits

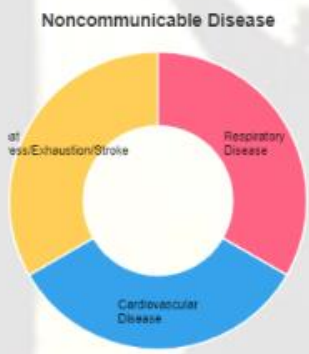
Environmental Co-benefits

Health Co-benefits

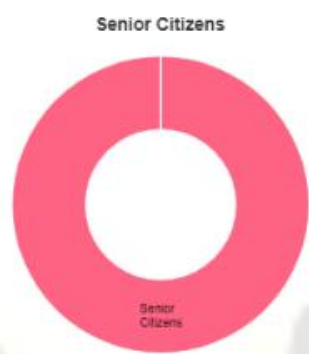
Environmental Impacts



Health Impacts

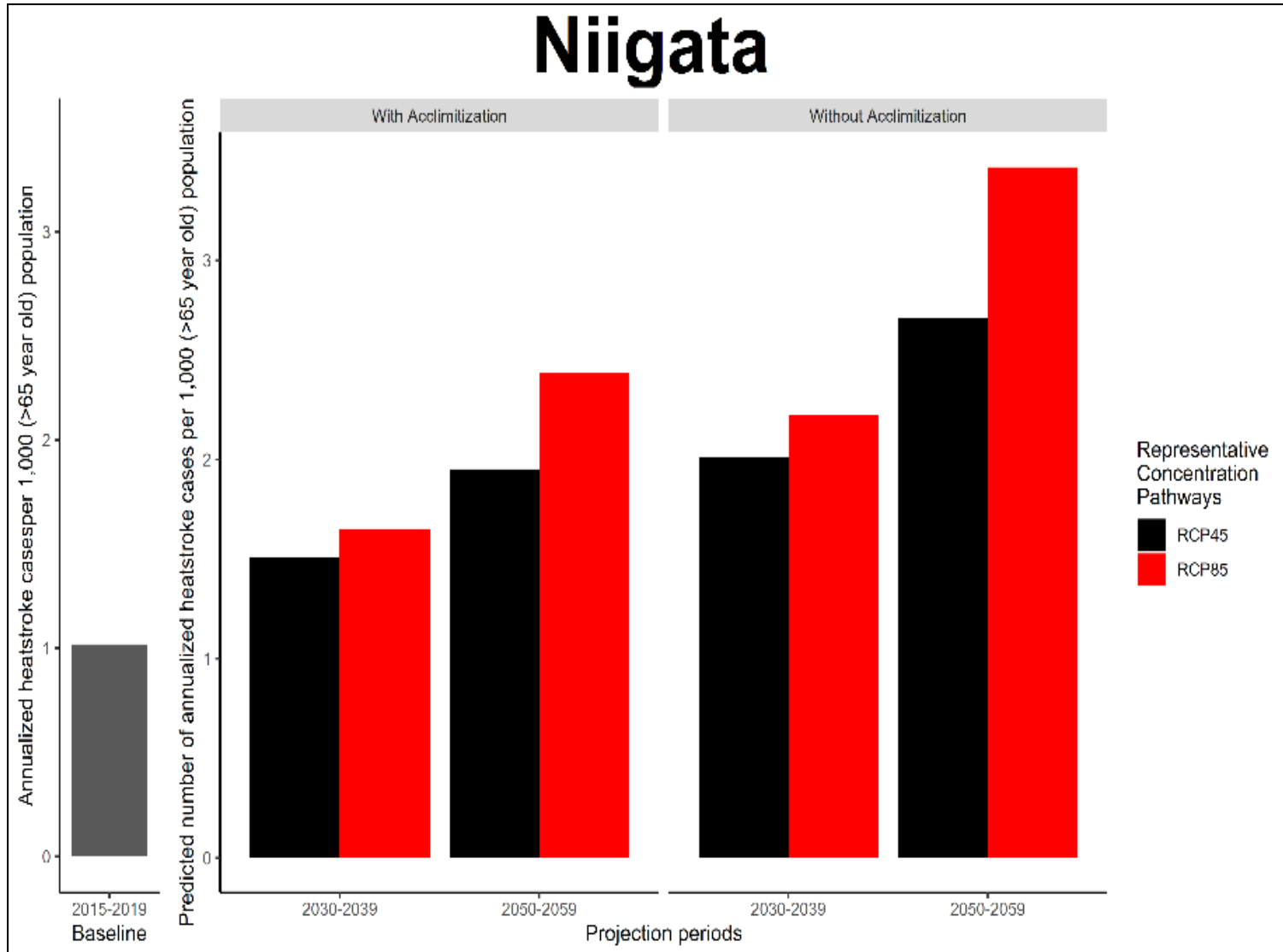


Impacted Groups



Developing Tools that Illustrate Synergies Between Health, Environment and Climate

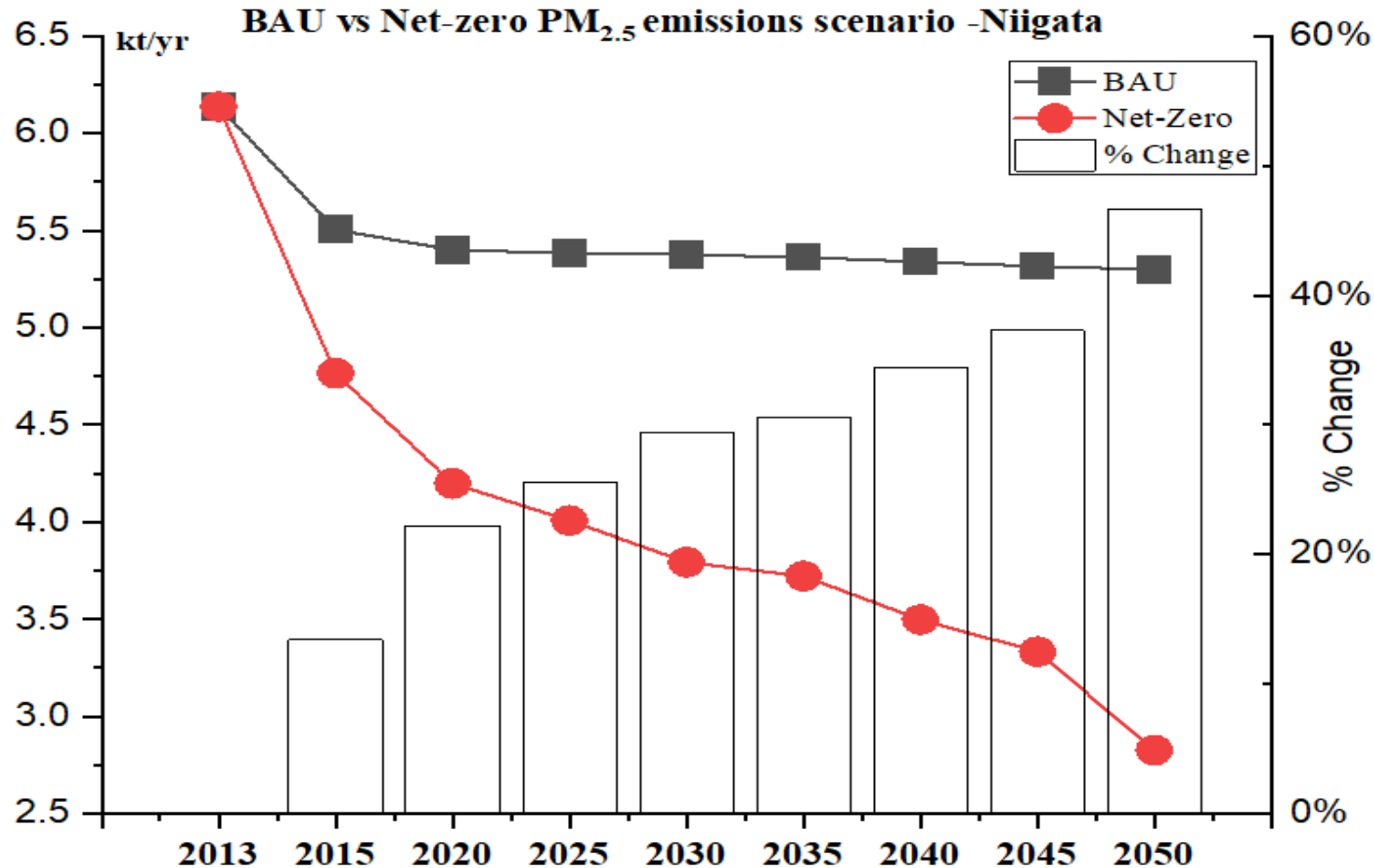
# Provide Evidence Supporting National Policies: Heat Stroke Analyses



**Building climate resilience can also help prevent:**

- **1200-1600 heatstrokes annually in the 2030s; and**
- **1600-2800 heatstrokes annually in the 2050s**

# Provide New Evidence: Co-benefits Analyses



**Air quality improvements from implementing net zero plans could also help save about 470 lives over the next three decades**



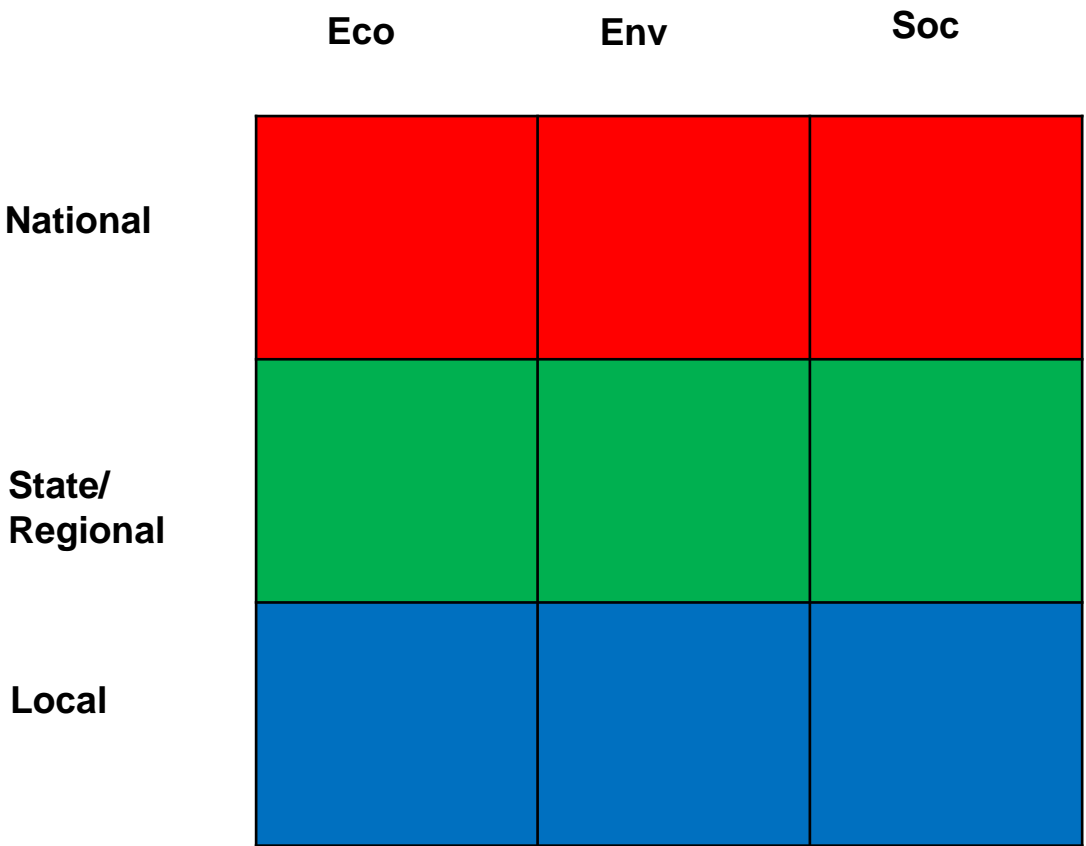
# Foster Ownership: Co-Design to Tailor Co-benefits to Hachinohe





# Consider the Governance Context

## Multilevel Governance



## Polycentric Governance

