

# How Can Researchers Help Cities Make Connections between Climate and Health?

| LCS-RNet 15th annual meeting | Dec 19-20

**welcome**trust

**IGES**  
Institute for Global  
Environmental Strategies



LABORATOIRE DES SCIENCES DU CLIMAT  
& DE L'ENVIRONNEMENT

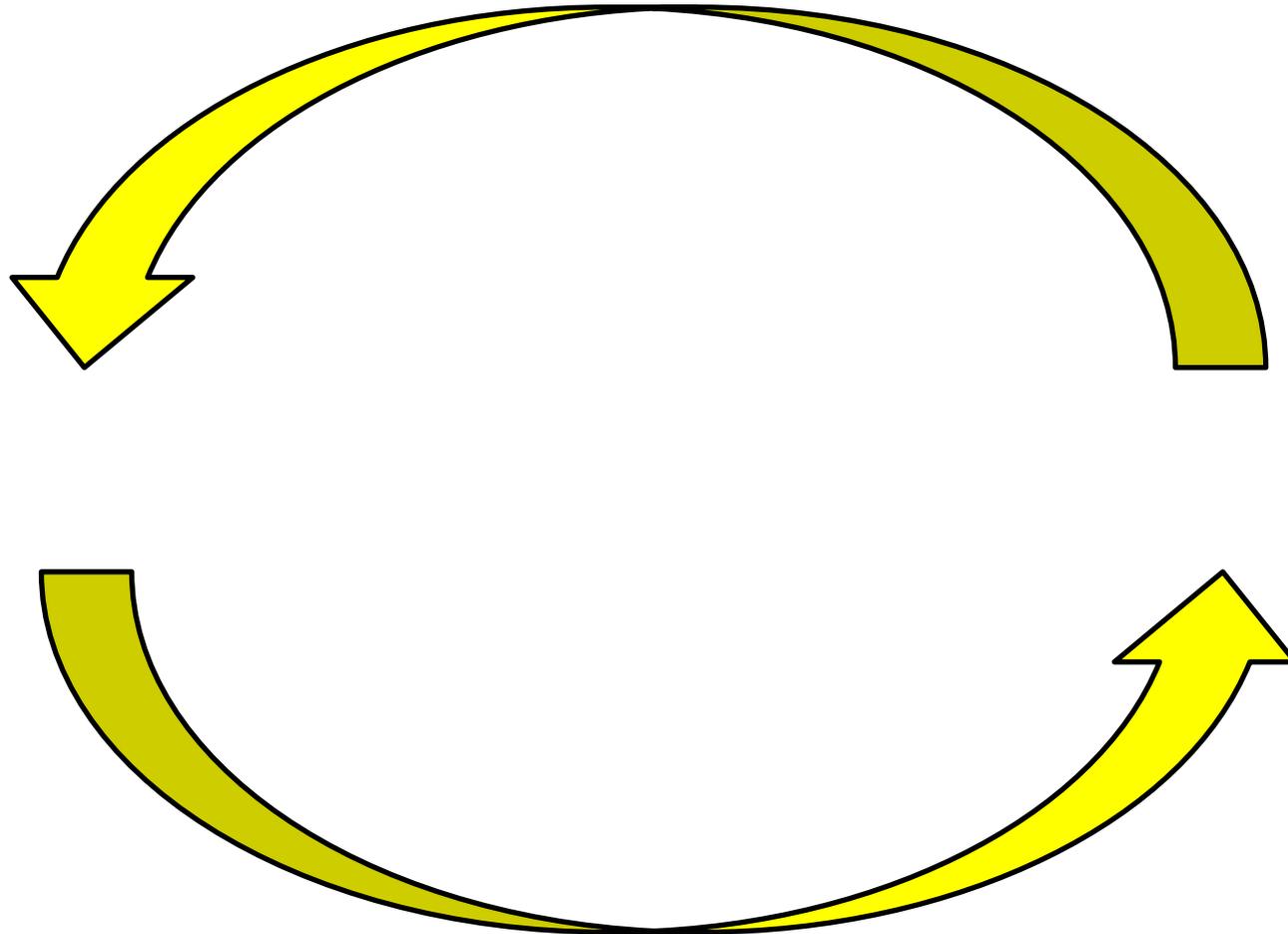
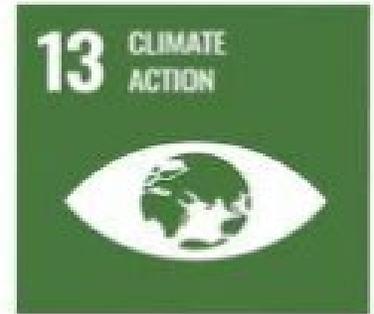


HOKKAIDO  
UNIVERSITY

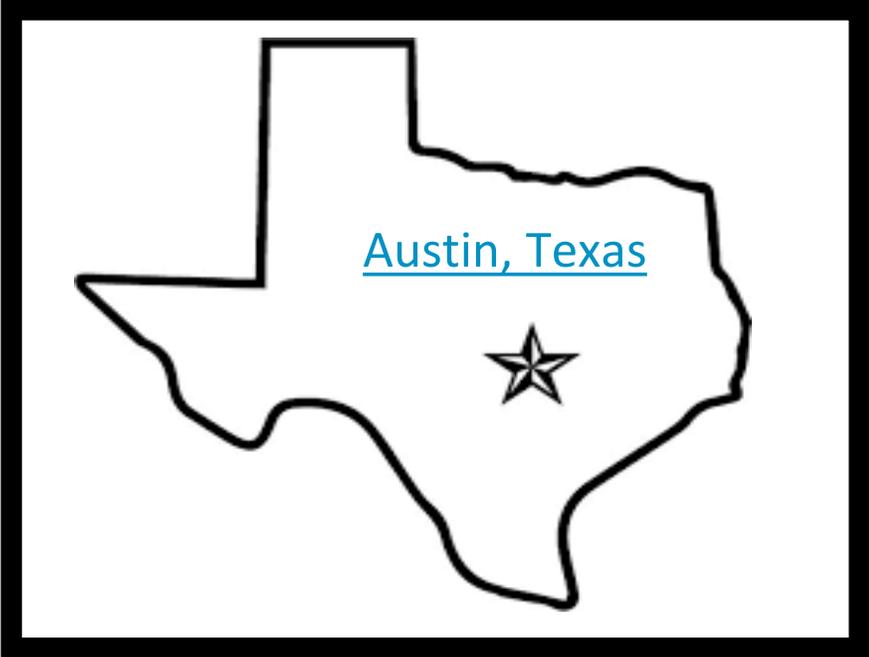


**W** | **Wilson  
Center**

# How can researchers help cities capture synergies between climate and health?



# Project Locations: Five G7 Cities



Select a city

Select a policy

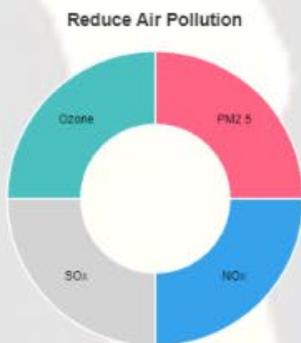
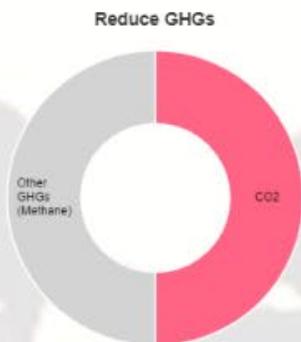
Climate Action

- EV
- Waste
- Solar
- Nature-Based Sol.
- Lifestyle Change/A
- Resilient Infrastruc

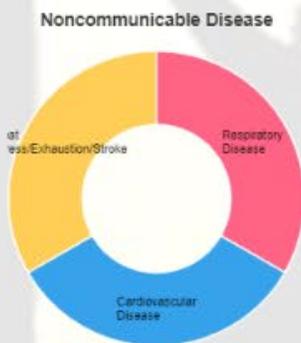
Co-benefits

- Environmental Co-benefits
- Health Co-benefits

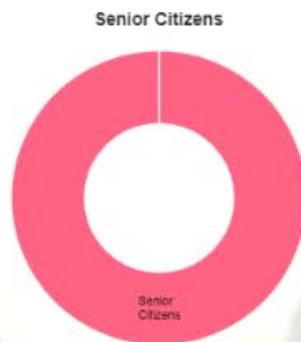
## Environmental Impacts



## Health Impacts

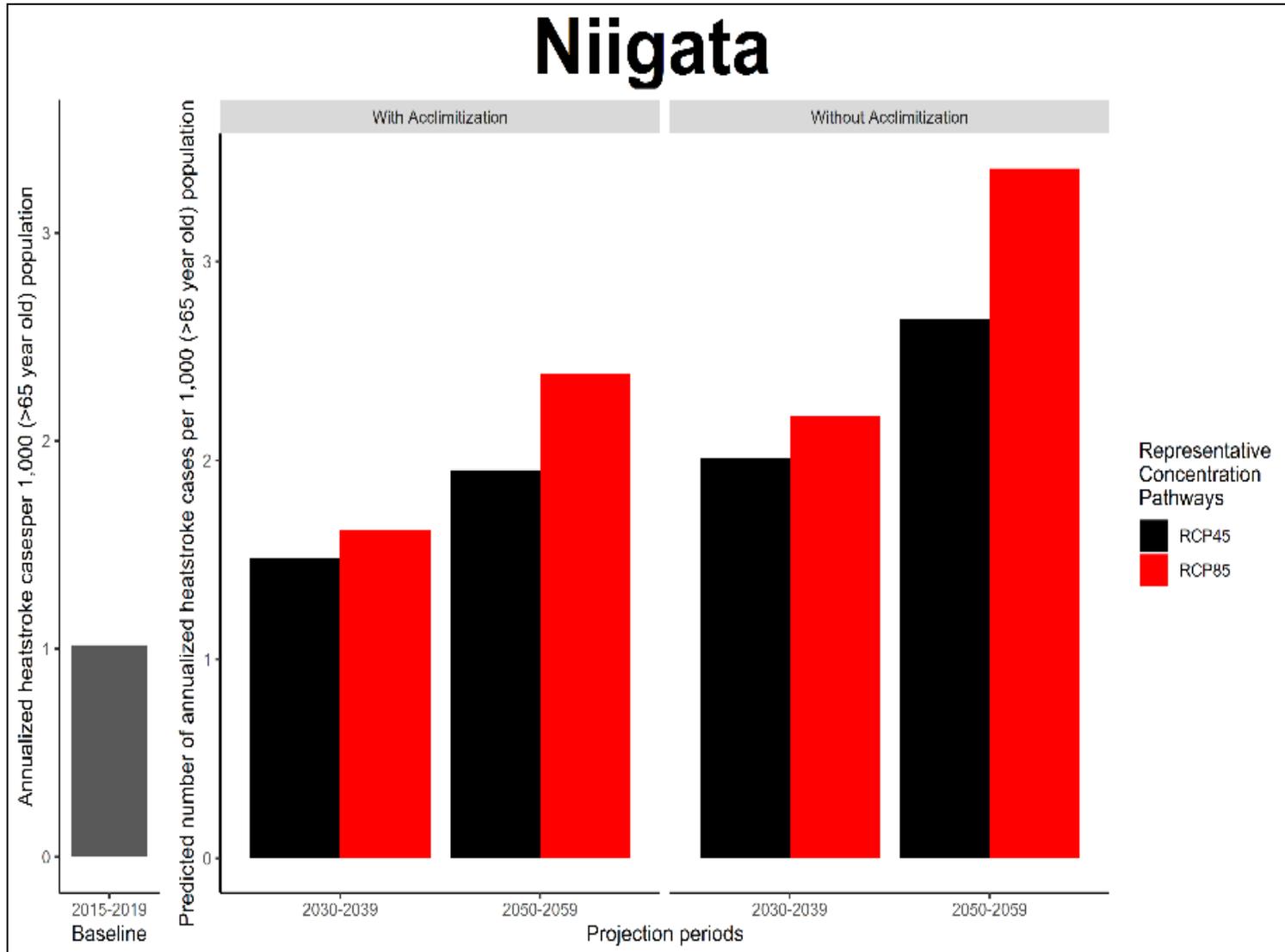


## Impacted Groups



# Develop Tools that Illustrate Connections Between Health and Climate

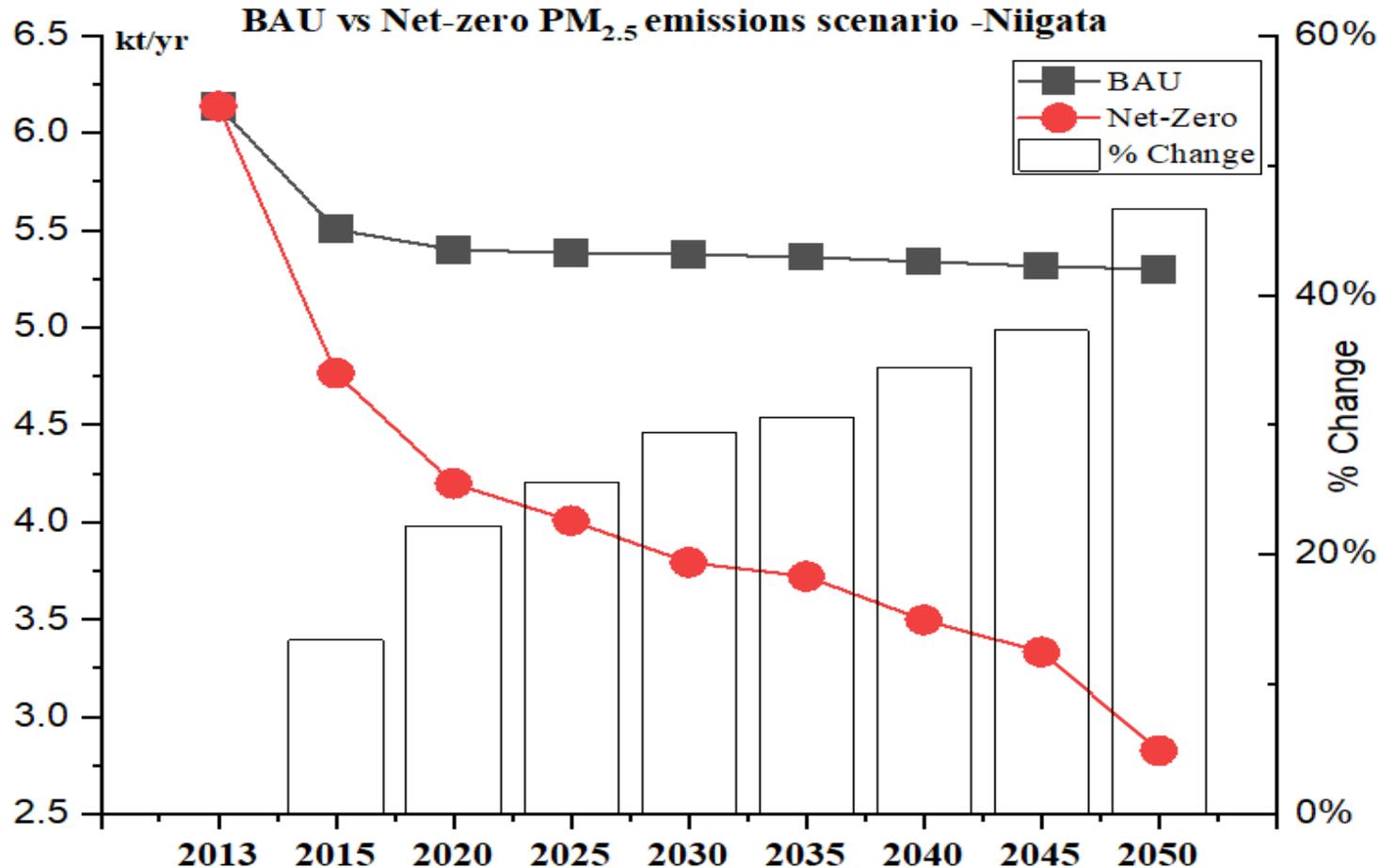
# Provide Evidence Supporting National Policies: Heat Stroke Analyses



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

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

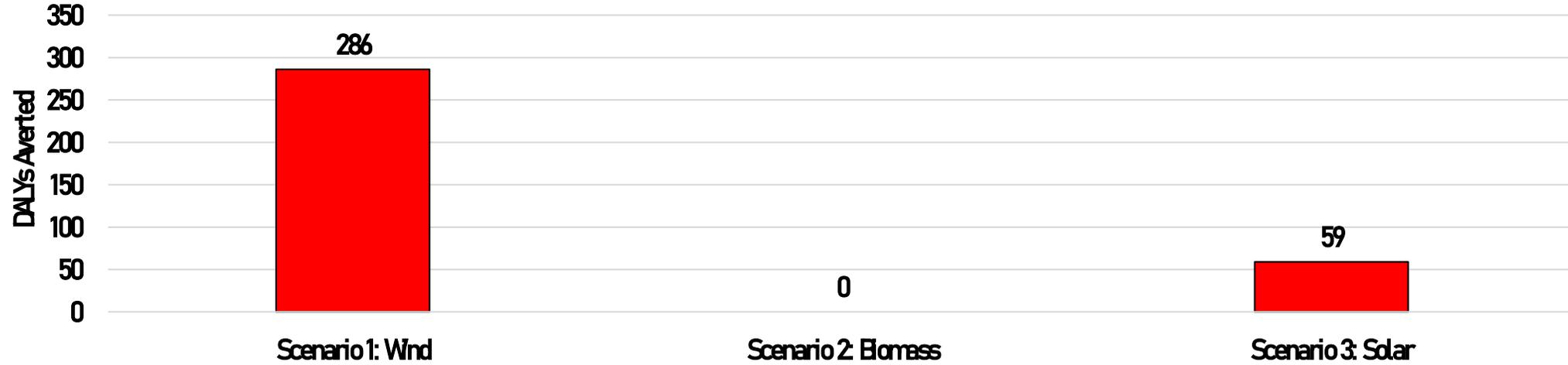
# Provide New Evidence: Co-benefits Analyses



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

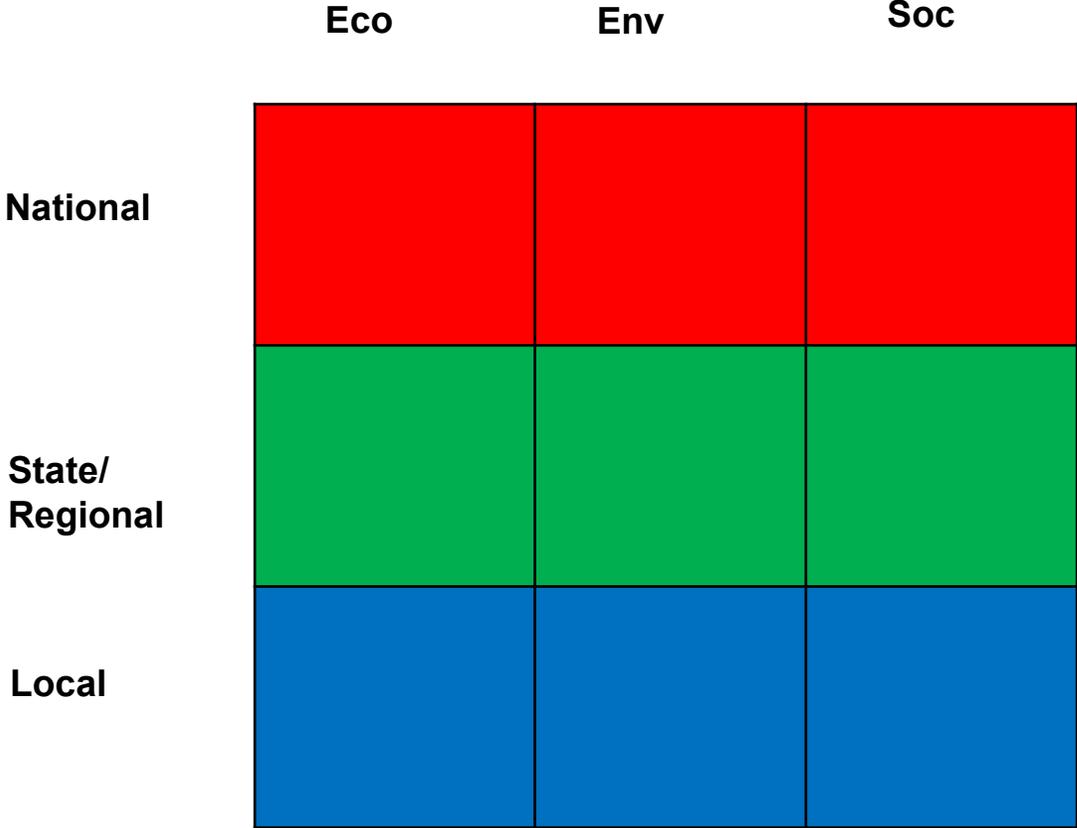
# Foster Ownership: Co-Design to Tailor Co-benefits to Hachinohe

## Health Benefits



# Consider the Governance Context

## Multilevel Governance



## Polycentric Governance

