

# Alaska Forum on the Environment



**Western States  
Regional Capacity Center  
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# Who Are We?

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# *ICLEI - Local Governments for Sustainability*

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A worldwide movement of local governments dedicated to achieving tangible improvements in global environmental conditions through cumulative local actions.

## **Programs & Campaigns**

- Climate Protection Programs
- Communities 21 – Action Plan for Sustainability
- Climate Safe Cities – Adaptation & Resiliency Planning
- Water Campaign
- Eco-budget
- Sustainable Procurement

# ICLEI Jurisdictions

**ICLEI works with 163 jurisdictions in the US**



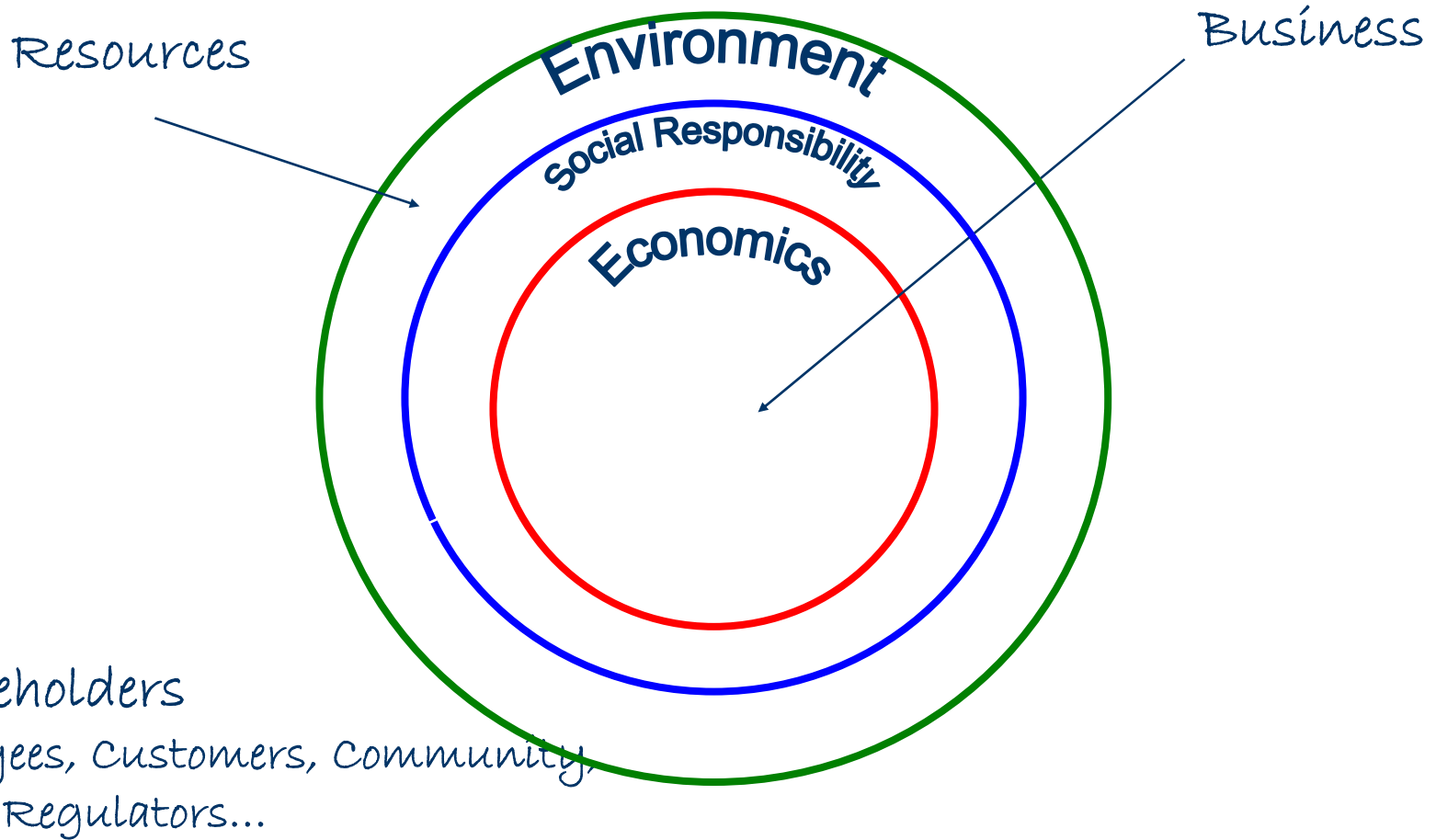
# Why Local Governments?

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- Local governments have responsibility for:
  - Overseeing planning processes
  - Establishing and enforcing policies and regulations
  - Assist in implementing national policies
  - Waste disposal
  - Planning and constructing transportation infrastructure
- Local governments work closely with the public
  - Citizen access and identification of issues
  - Identify and understand local issues
  - Education
  - Mobilize public

# A Sustainable Picture

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# The Cities for Climate Protection® Campaign (CCP)

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CCP is an international initiative bringing together more than 600 local governments to reduce emissions of greenhouse gases and improve air quality within their communities.

- 163 cities and counties in the US participate
- Representing 55+ million people
- 20% of U.S. greenhouse gas emissions
- Collectively reduce 23 million tons annually in US

*Cumulative local actions can have a positive impact on global climate change.* • I • C • L • E • I

# CCP Participants Commit to Completing Five Milestones

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- Conduct an emissions inventory
- Set a target for emissions reduction
- Draft a Local Action Plan for meeting the target
- Implement the Local Action Plan
- Monitor and report on progress



# CCP Emissions Analysis Software

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- Contains 1,000s of emission factors to track greenhouse gases and criteria air pollutants
  - CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O
  - SO<sub>x</sub>, NO<sub>x</sub>, CO, VOC, PM<sub>10</sub>
- Creates a framework to:
  - Quantify annual emissions from the government's internal operations and the community as a whole
  - Quantify the impact of existing and proposed reduction measures
  - Generate reports
  - Create a full emissions reduction plan
    - (Target setting, forecasting future emissions, tracking progress)*
- Future Developments (end of 2005)
  - Online version for remote computing and reporting
  - Automatic updates of coefficients and protocols
  - International data-base of emissions and reduction activities

# Multiple Benefits of Climate Protection

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In addition to reducing the greenhouse gases that cause Global Warming, participation can:

- Improve air quality
- Reduce municipal operating costs
- Improve public health
- Reduce traffic congestion
- Green the city
- Improve solid waste management
- Improve quality of urban life

# Results from US CCP Participants

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Conservatively, local governments participating in the CCP have:

- Avoided producing >15 million tons of eCO<sub>2</sub> annually
- Saved \$532 million in energy and fuel costs
- Reduced annual use of:
  - 3.7 million MWh electricity
  - 84 million gallons fuel (gasoline and diesel)
  - 386 million cubic feet natural gas

# What are Local Leaders Doing?

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# 2005 Policy Commitments

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- Municipal Leaders Summit on Climate Change
- Sundance Summit: A Mayors' Gathering on Climate Protection
- US Mayors Climate Protection Agreement
- United Nations Climate Change Conference
- Urban Environmental Accords

# Municipal Leaders Summit

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- Adopted the World Mayors and Municipal Leaders Declaration on Climate Change



# Sundance Summit

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- Create new markets
- Increase renewable energy use
- Citizen outreach on taking action
- Communication network amongst mayors



SUNDANCE SUMMIT

A Mayors' Gathering on Climate Protection

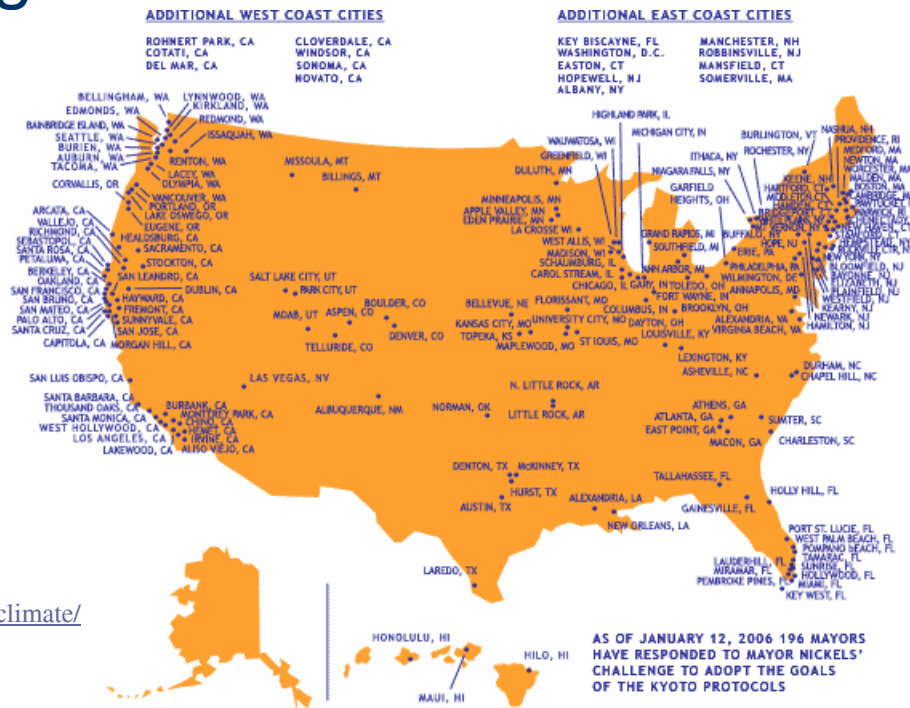


MAYOR  
MARK BEECH  
Anchorage, AK



# Mayors' Declaration

- Local government leaders approved the commitment by “adopting” the World Mayors and Municipal Leaders Declaration on Climate Change



Source: <http://www.seattle.gov/mayor/climate/>

# How Can ICLEI Serve You as a Partner?

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# Benefits of ICLEI Membership

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- Planning tools and methods
- Technical assistance
- Training sessions
- Professional network
- Publications
- Interactive websites
- Greenhouse gas software
- National workshops and initiatives

# Future Generations of Alaska

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