

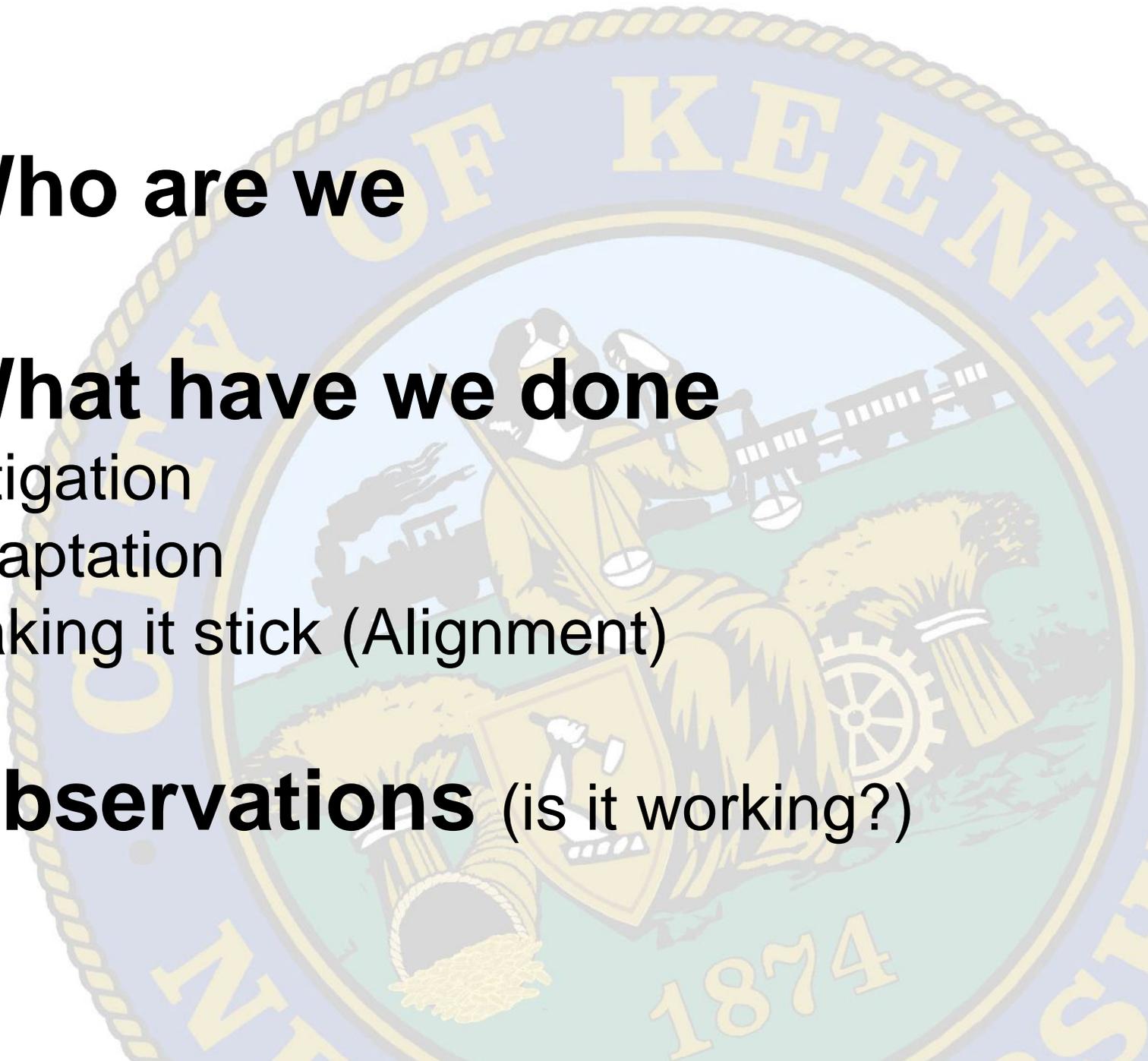
Creating a Climate Resilient Community

The Local Perspective:
Keene, NH

December 15, 2010

EPA Climate Adaptation Planning
Webinar



The background of the slide features a large, semi-transparent watermark of the University of Keene logo. The logo is circular with a rope-like border. Inside the circle, a figure in a yellow robe holds a scale of justice. To the right, there is a gear and a bundle of wheat. At the bottom, the year '1874' is visible. The text 'UNIVERSITY OF KEENE' is written along the top inner edge of the circle.

➤ **Who are we**

➤ **What have we done**

Mitigation

Adaptation

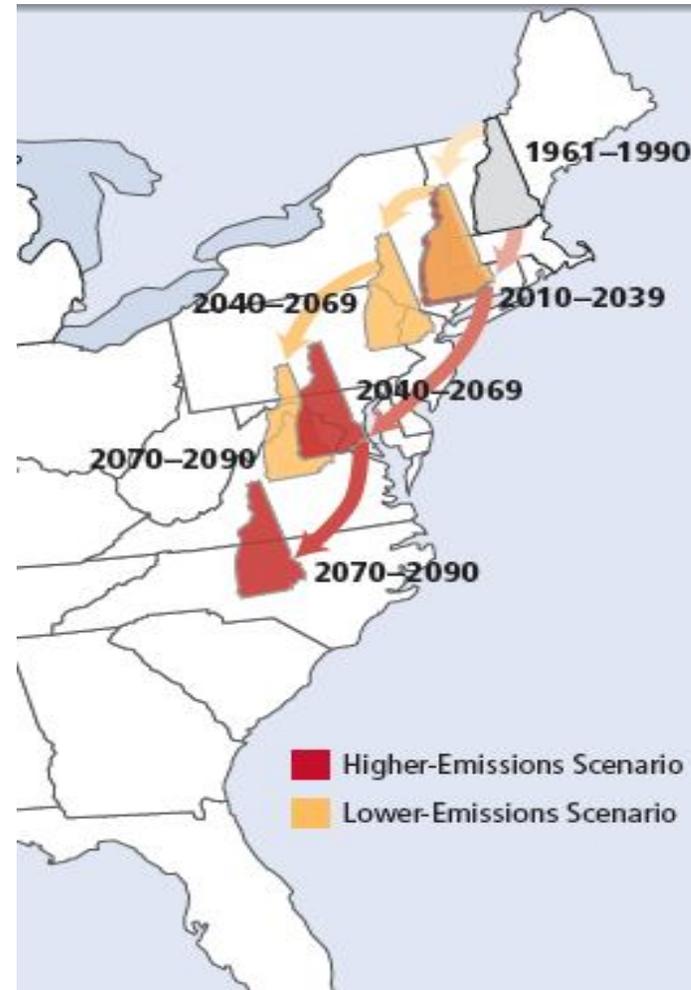
Making it stick (Alignment)

➤ **Observations** (is it working?)

*Keene, in 2028, is the best
community in America. Our city
is vibrant, dynamic, beautiful,
and functional...*



***Developing a more
“climate resilient”
organization,
infrastructure,
economy,
ecosystem, and
community***

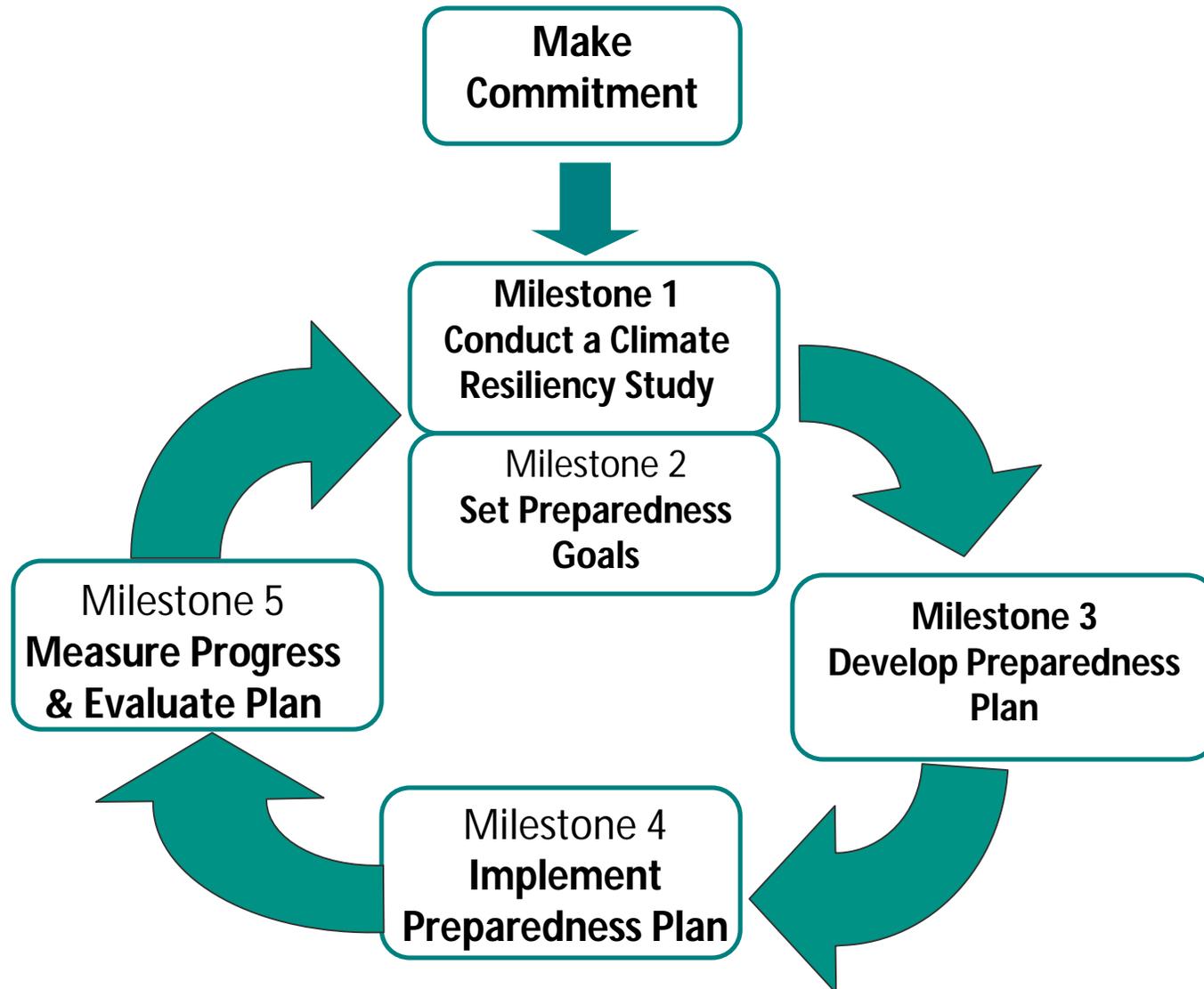


- **Climate Mitigation** – Reduction of GHG emissions
- **Climate Adaptation** – Reduces impacts/capitalizes opportunities

Adaptation and Mitigation are not mutually exclusive!



The 5 – Milestone Planning Process



Keene Climate Impacts

- Floods
- Changes in snowfall
- Changes in plant and animal species
- Hotter days
- Air Quality Impacts
- More dynamic weather pattern



Keene 2005

Opportunities Built Environment

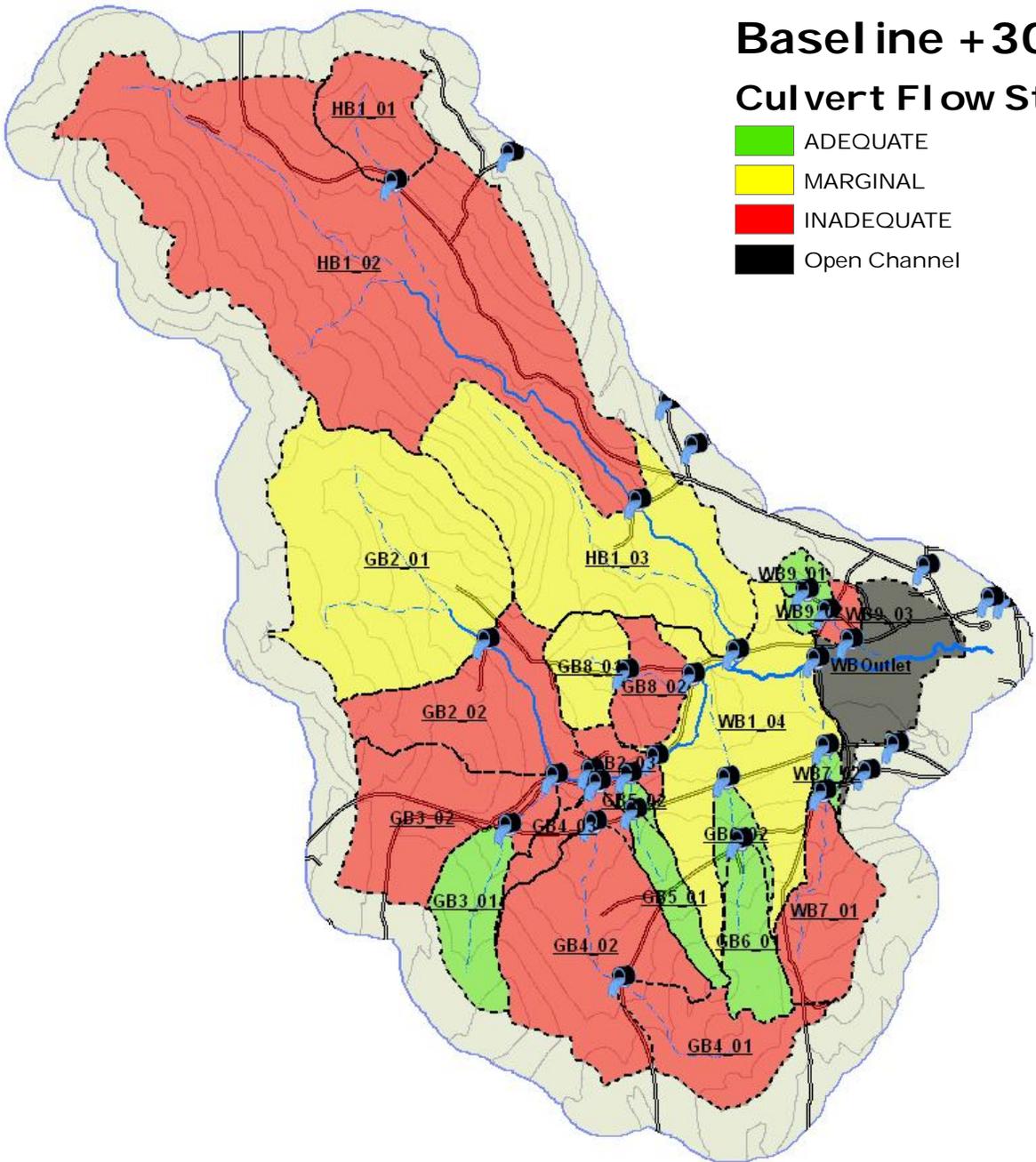
- Buildings and Development
- Transportation Infrastructure
- Stormwater Systems
- Energy Systems



Baseline +30%

Culvert Flow Status

- ADEQUATE
- MARGINAL
- INADEQUATE
- Open Channel



Opportunities Natural Environment

- Wetland & Watershed Management
- Surface Waters
- Fauna and Flora
- Agriculture



Opportunities Social Environment

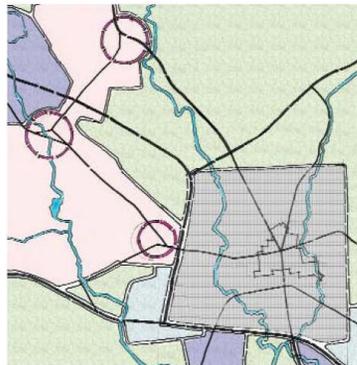
- Social Services
- Public Health
- Emergency Services
- Business Development
- Food Security



- Climate is foundation

- Emphasis on Community Sustainability

- Sets goals and actions for future land use, capital projects, & operating budget



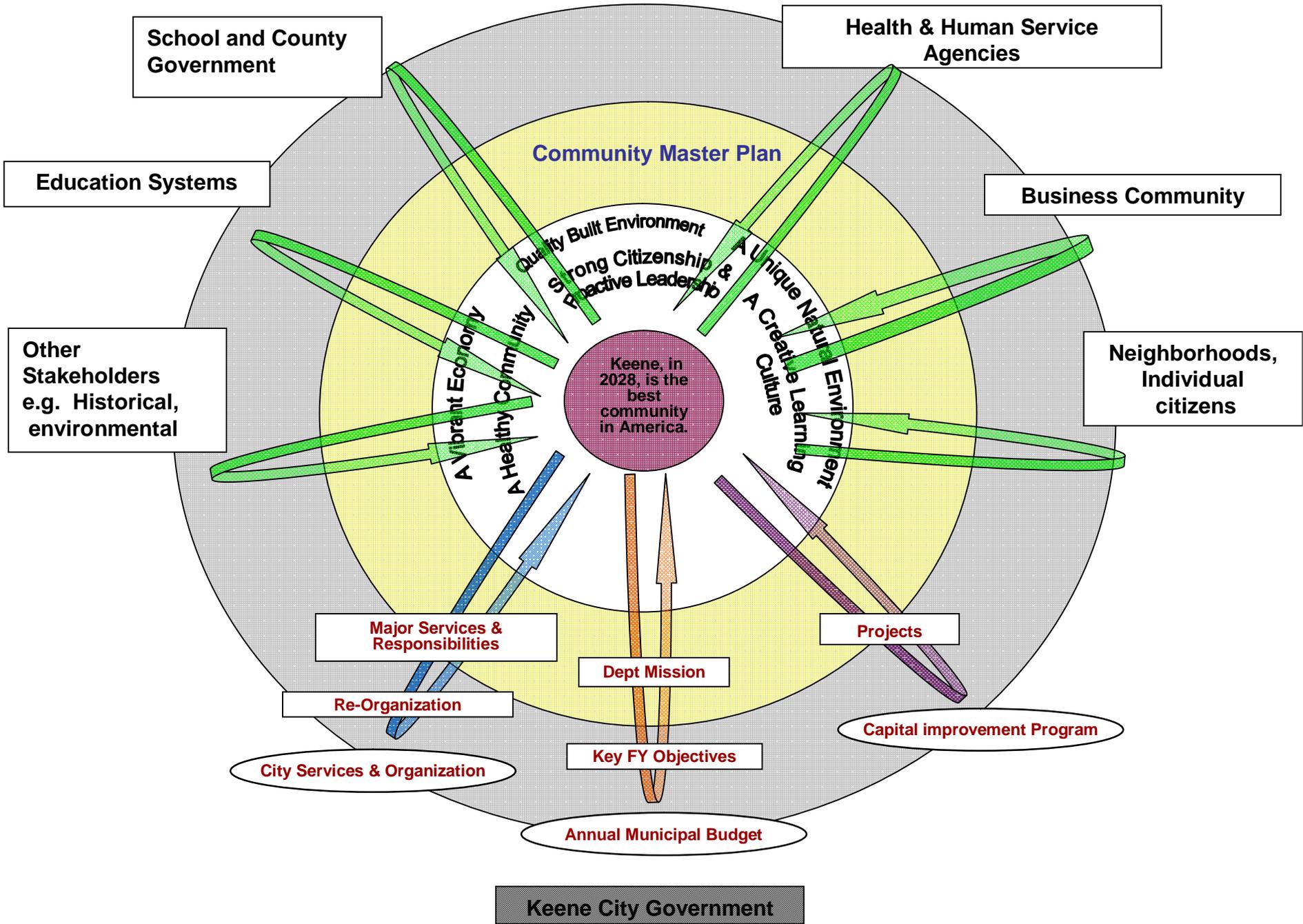
Keene Comprehensive Master Plan

2010 Comprehensive Master Plan

Top implementation strategies

- Align Land Use and Zoning Regulations
- Improve Transportation Network
- Neighborhood Planning
- Neighborhood Weatherization
- Low Impact Design
- Become a CMC Champion
- Continue Climate Program
- Create Action Plan





Contact Information

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