



Creating a Climate Resilient Community



City of Keene, NH

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City of Keene, NH



The background of the slide features a large, semi-transparent seal of the University of Keene. The seal is circular with a rope-like border. Inside the border, the words "UNIVERSITY OF KEENE" are written in a serif font along the top arc, and "1874" is at the bottom. The central figure is a woman in a yellow robe, seated and holding a scale of justice. To her right is a gear, and to her left is a bundle of wheat. In the background, there are silhouettes of buildings and a train.

➤ **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...*

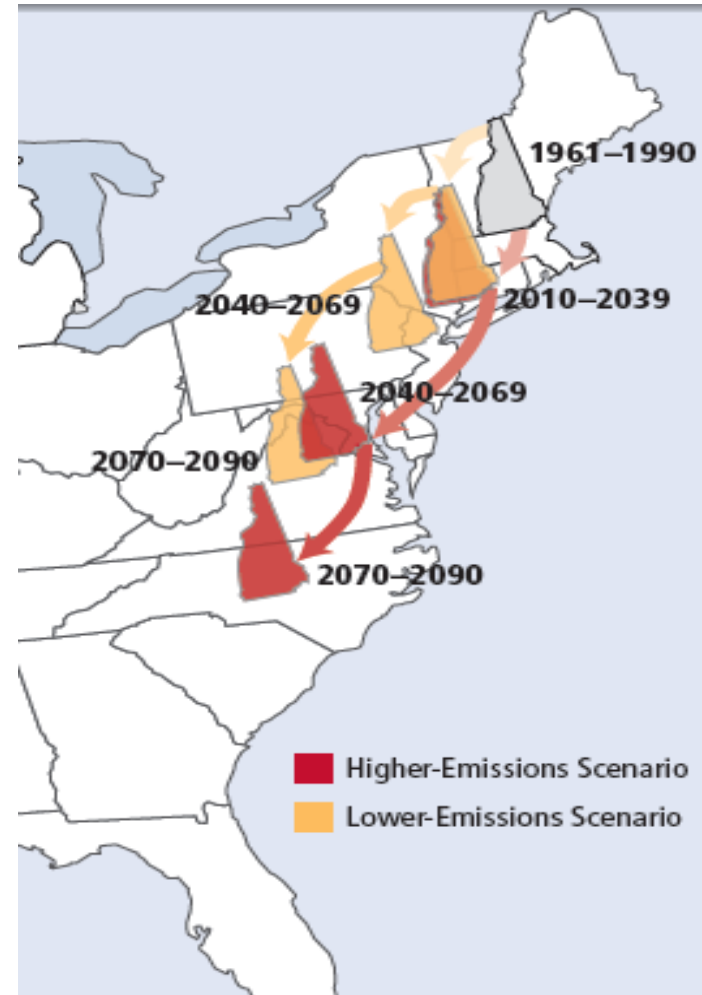


- **Climate Mitigation** – Reduction of GHG emissions
- **Climate Adaptation** – Reduces impacts/capitalizes opportunities

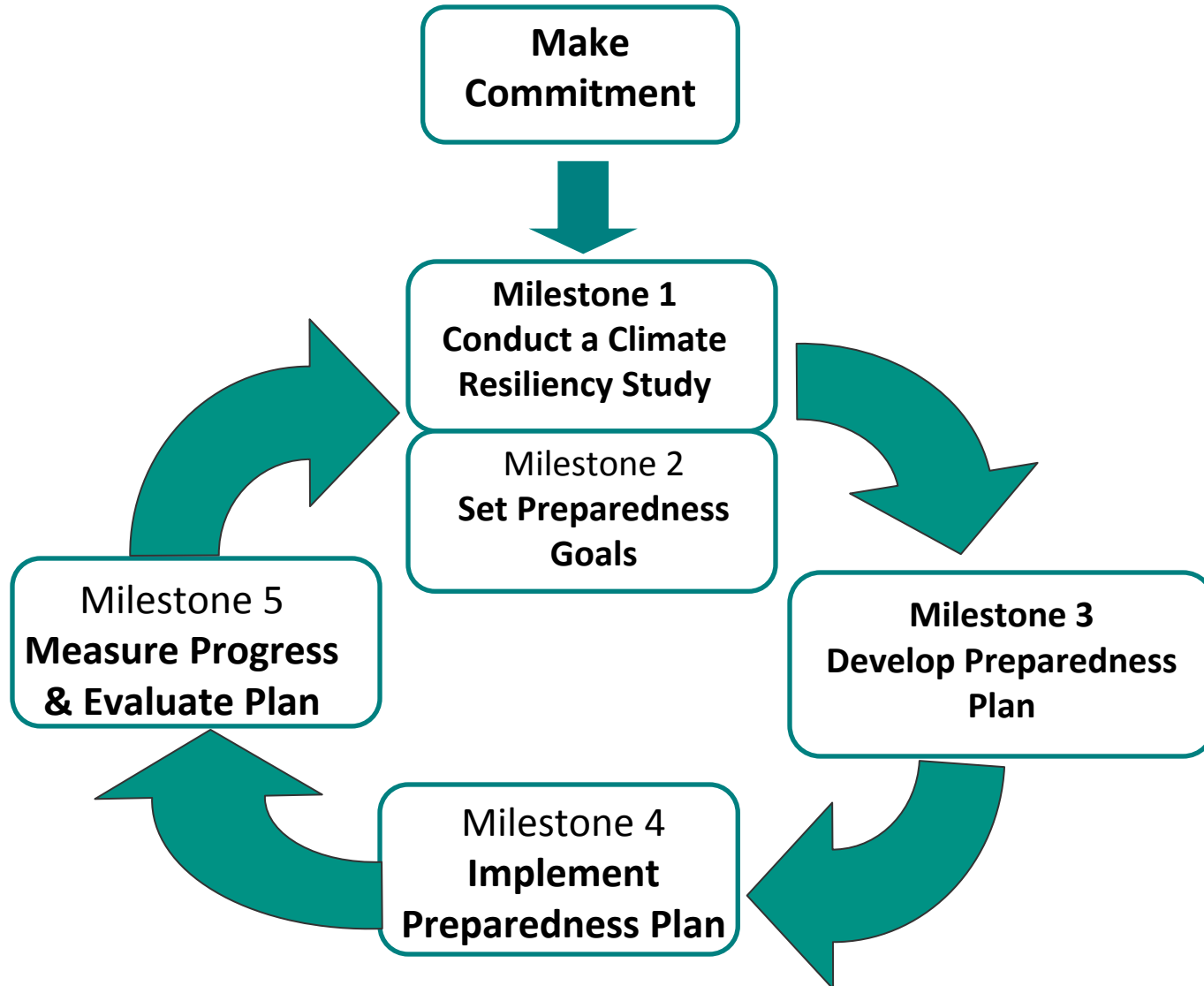
Adaptation and Mitigation are not mutually exclusive!



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



The Adaptation 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

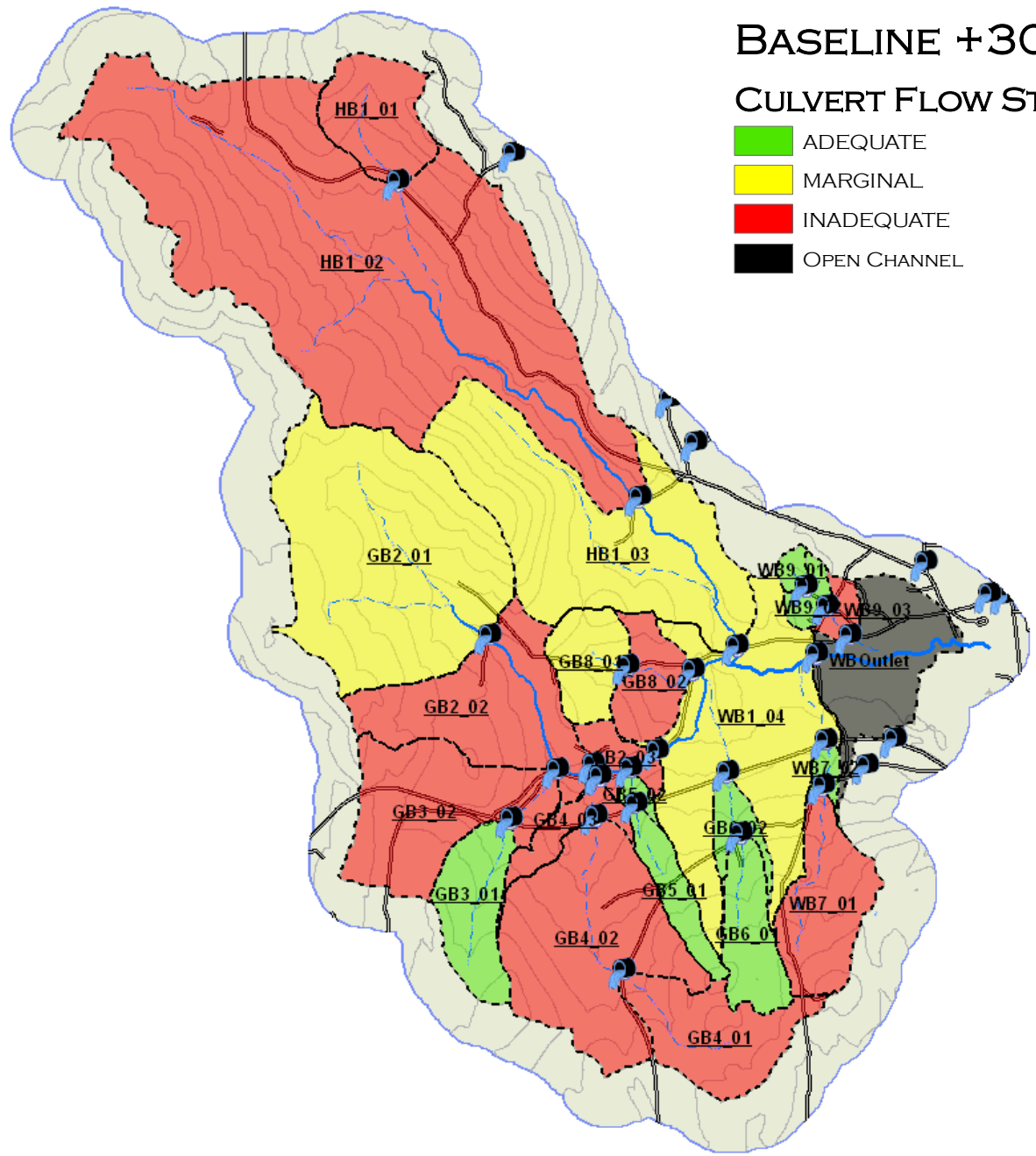




BASELINE +30%

CULVERT FLOW STATUS

- ADEQUATE
- MARGINAL
- INADEQUATE
- OPEN CHANNEL



Opportunities Natural Environment

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



Opportunities Social Environment

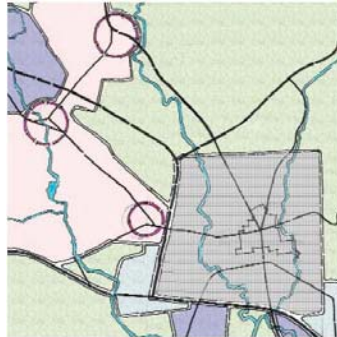
- Social Services
- Public Health
- Emergency Services
- Business Development
- Food Security





Building Resiliency

- Revise Standards/Code
- Decrease runoff
- Infrastructure changes for new storm standard
- Smart Growth



Keene Comprehensive Master Plan

- Written through the filter of a changing climate
- Emphasis on Community Sustainability
- Sets goals and actions for future land use, capital projects, and operating budget



2010 Comprehensive Master Plan

Top implementation strategies

- Align Land Use and Zoning Regulations
- Improve Transportation Network
- Neighborhood Planning
- Neighborhood Weatherization
- Utilize Low Impact Design
- Become a Vision 2020 Champion
- Continue Climate Change Program
- Develop an Implementation Plan



School and County Government

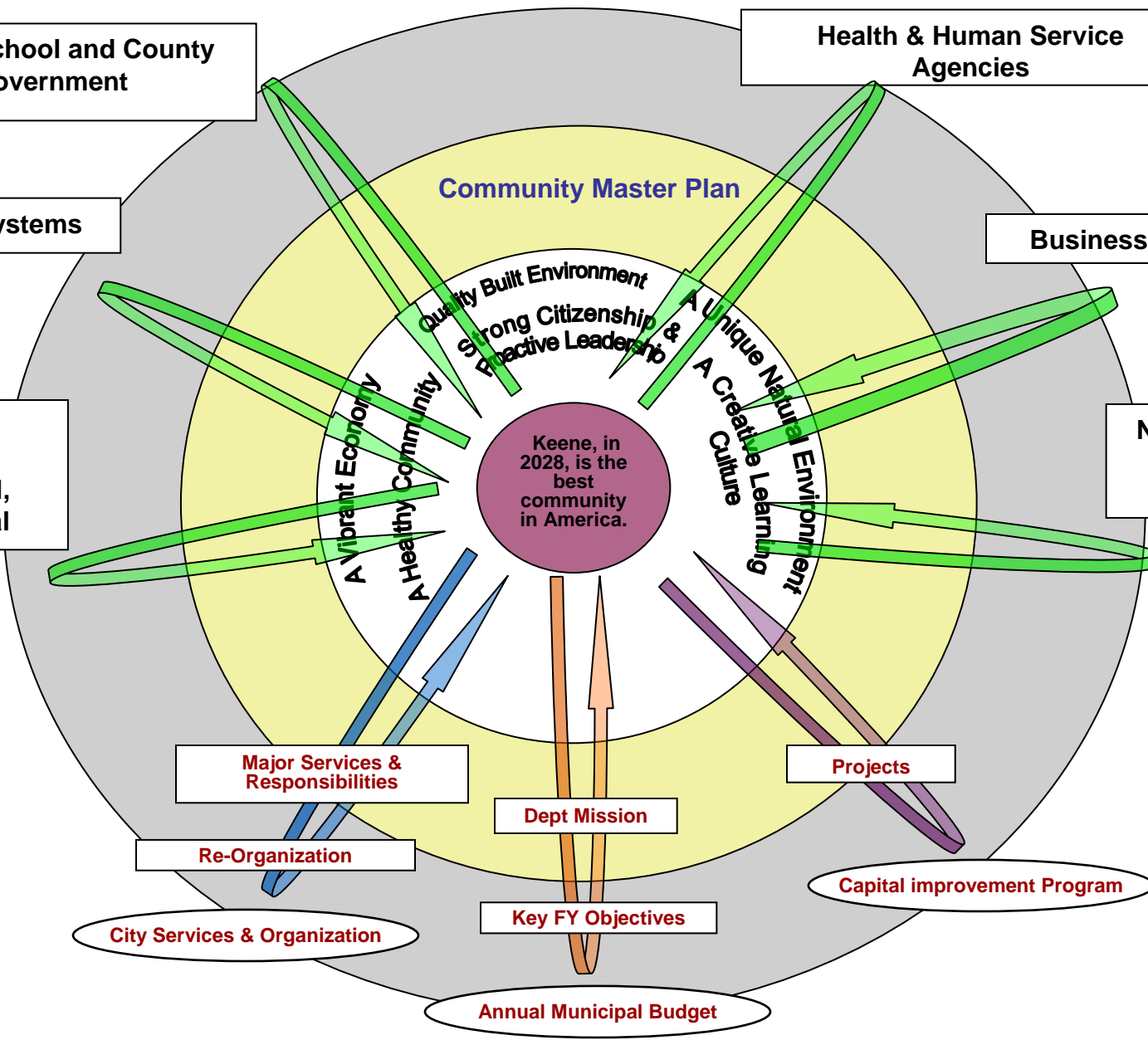
Health & Human Service Agencies

Education Systems

Business Community

Other Stakeholders e.g. Historical, environmental

Neighborhoods, Individual citizens



Community Master Plan

Keene, in 2028, is the best community in America.

A Vibrant Economy
 A Healthy Community
 Strong Citizenship & Effective Leadership
 A Unique Natural Environment
 A Creative Learning Culture
 Quality Built Environment

Major Services & Responsibilities

Projects

Re-Organization

Dept Mission

City Services & Organization

Key FY Objectives

Capital improvement Program

Annual Municipal Budget

Keene City Government

Contact Information

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