



Growing Our Resilience

Ramping Up Toward
Greater Climate Preparedness Action in Hadley

Susi Moser

Hadley Climate Change Committee

www.susannemoser.com

Adaptation & Resilience Building: Preparing for and Dealing with Change



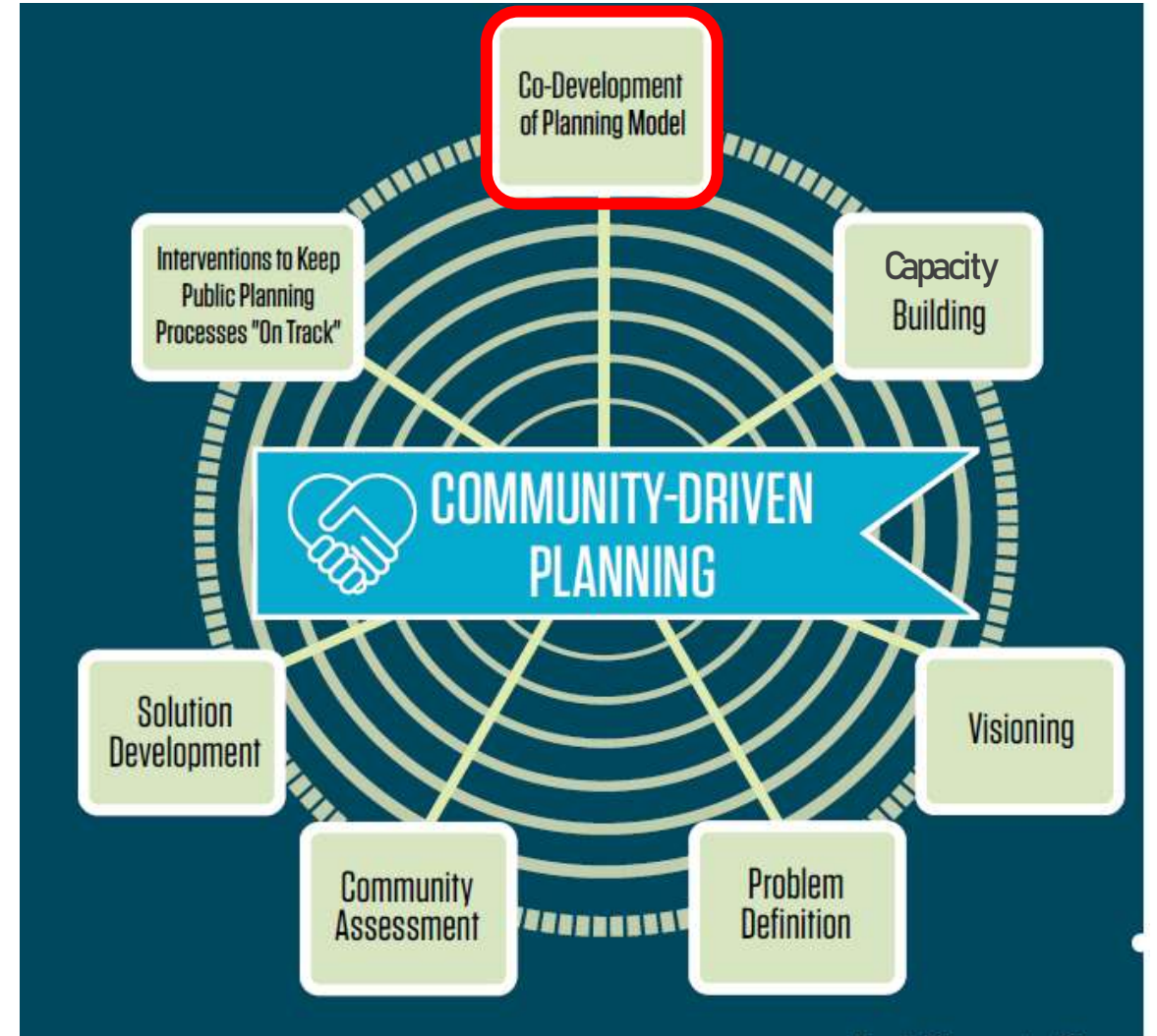
So as to (i.e., VISION):

- Keep what we want to keep
- Consciously develop in the direction we want to go
- Stay resilient in the face of changing conditions and growing disruptions

NEED:

- Learn what is coming and how it might affect Hadley
- Ensure Hadley is prepared for that and develop solutions together with affected Hadley residents
- Develop a positive vision of the future for Hadley with as many Hadley residents as possible
- Help build capacity to implement
- Stay on top of implementing options

Community-Driven Resilience Planning



Source: modified from NACRP (2017). Community-Driven Climate Resilience Planning: A Framework

Key Questions to Ask in Adaptation Planning & Implementation

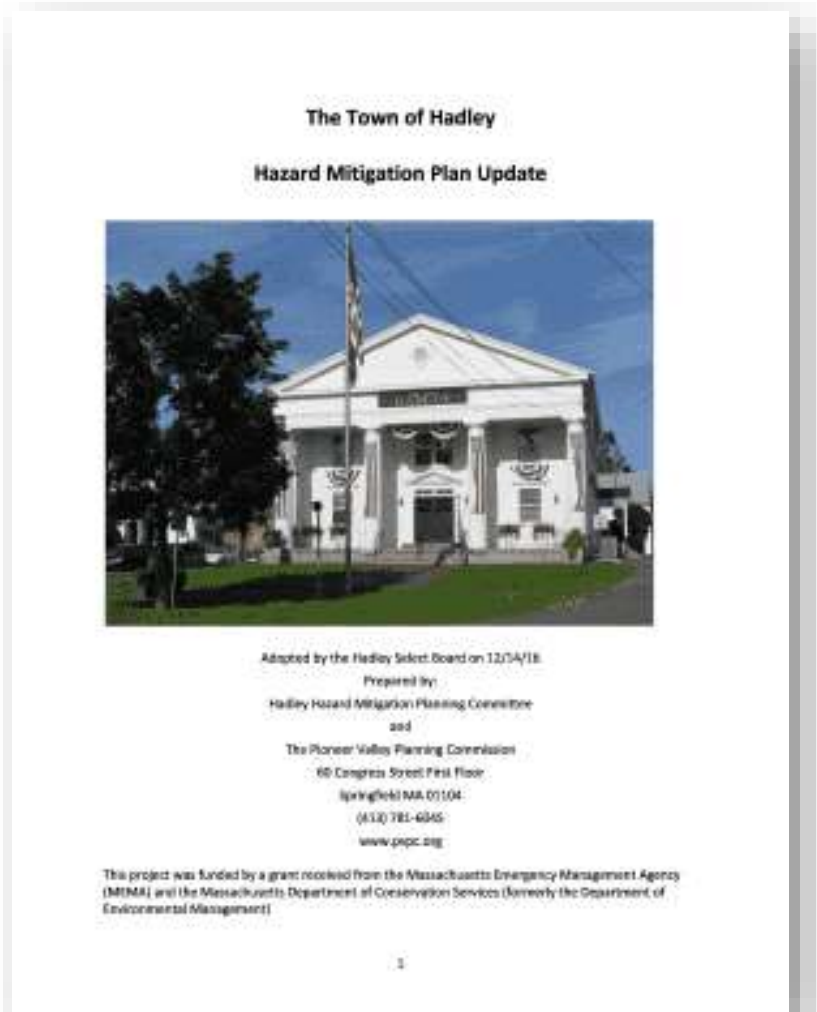
- Adaptation to what?
- Who or what adapts?
- How does adaptation occur?
- How good is adaptation?



Types of Adaptation Action

- **Administrative and regulatory**—e.g., changing review requirements prior to permitting, increasing safety requirements
- **Legal and legislative**—e.g., establishing resilience policy frameworks, demanding certain changes when general/comprehensive plans are updated
- **Market-based**—providing incentives (“carrots”), imposing fees or surcharges for insufficiently adapted development (“sticks”)
- **Institutional**—e.g., changing engineering standards, creating regional adaptation authorities, improved process guidelines to improve inclusiveness and transparency
- **Organizational**—e.g., establishing new collaboratives, streamlining processes across silos
- **Structural**—e.g., building protective infrastructure, elevating homes
- **Financial**—e.g., providing grants, developing new financial mechanisms for adaptation
- **Behavioral**—e.g., staying indoors or drinking more during extreme heat, not using certain areas at certain times, closing roads during high-tide flooding
- **Educational and informational**—e.g., providing educational brochures or seminars, trainings and professional development, risk information disclosure
- **Social and trust-building**—e.g., gatherings, meaningful interaction, dialogues, visioning exercises, reconciliation processes, community-building events
- **Psychological**—e.g., learning to cope with and emotionally adjust to the changes underway; building psychosocial resilience in the face of challenging future
- **Technological and innovation-based**—e.g., improvements in cooling, desalinization, agricultural or other types of technology
- **Research & development**—e.g., research programs to develop data required for risk and vulnerability assessments, fostering improved understanding of adaptive design options

Precursors & Helpful Starting Places



Update pending, \$ approved



TO DO:

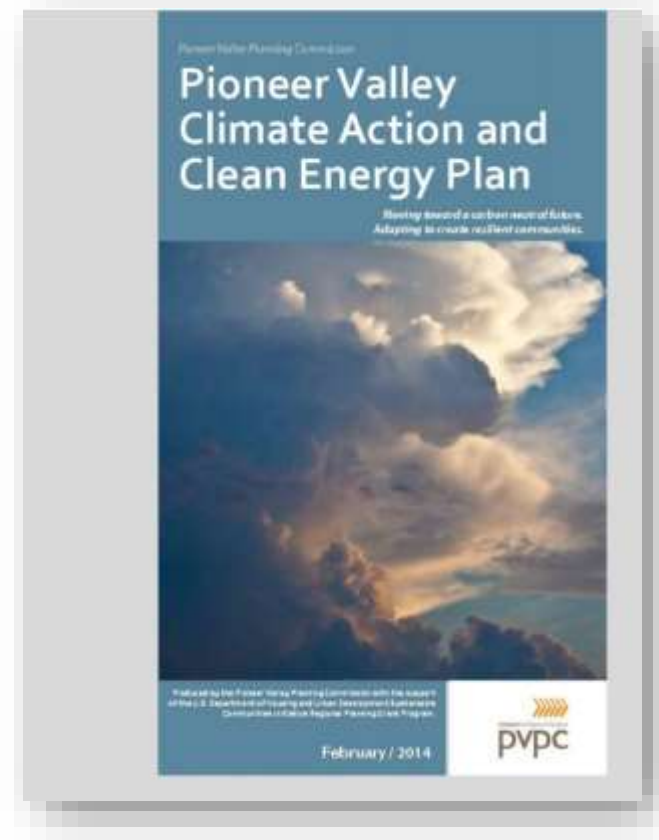
Identify other Town policies & guidance, e.g.

- Planning
- Public health
- Ag land preservation
- Conservation
- Emergency management

Also: PVPC Climate Action Plan

Reasons to be coordinated:

- To ensure minimal consistency (we can go beyond but shouldn't cover less)
- To be able to link up with other communities in the PV
- To draw on the capabilities of the PVPC



PVPC CAP Components

1. Climate Action and Clean Energy
2. Food Security
3. Sustainable Transportation
4. Environment
5. Green Infrastructure
6. Housing
7. Brownfields
8. Land Use

Four Proposed Goals of the Ramp-Up Campaign

1. Educating Hadley Residents

- What are the climate risks and adaptation options for Hadley? What are other residents' concerns and needs

2. Scoping the Challenge and Possibilities

- What are the important climate risks for Hadley? What are people's concerns about those? How can greater climate preparedness also serve other needs and hopes for Hadley?

3. Visioning a Resilient Hadley

- How would we like Hadley to look within one generation (by 2050)? How can Hadley consciously move toward a future that accounts for the multiple changes (climatic, economic, social, demographic, ecological) coming?

4. Identifying and Connecting with Partners

- Who are the relevant stakeholders and organizations that constitute the social fabric of a "resilient Hadley"?

Proposed Process / Timeline

Rest of 2023

2024

- Explore partnering with *Hadley Learns* as facilitator of *Growing Our Resilience* meetings (& design mtgs)
- Meeting with Town Manager, Select Board to establish coordinated approach
- Building good working relationship with Planning & Conservation Commissions, Health Board, Select Board etc.
- Meeting with PVPC to explore resources, coordination with other communities, status of PVPC resilience efforts etc.
- Identifying relevant partners, experts for each issue area
- Planning the public meetings (starting in Jan 2024)
- Alerting state reps, Board
- Advertising/communicating effort

	Floods	Drought	Heat	Wind	Ice	Storms
Ag/farms/forests						
Health						
Structures						
Businesses						
Water/sewage						
Roads/rail						
Ecosystems						
Energy						
Others TBD						