

# Connecting climate plans

## Somerville Climate Forward



## A Green New Deal for Somerville



For the Somerville City Council  
Larry Yu, September 12, 2019

# The Climate Is Changing



Mitigation

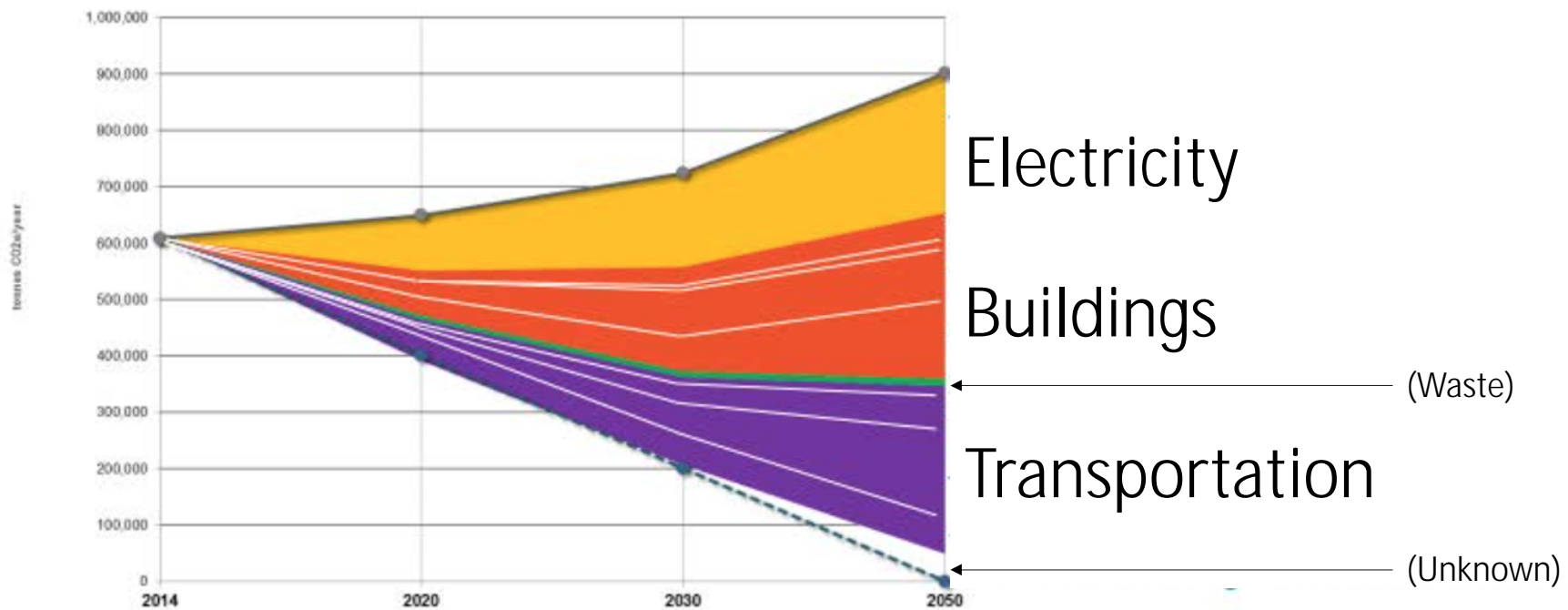


Equity



Adaptation

# Mitigation – the Challenge



# Mitigation – Select Solutions

## Energy Efficiency

SCF Actions 1 and 2 /  
GND Section 7 and 9

- Passive House / Net Zero buildings
- Rental licensing

Vote for base code improvements;  
advocate for **net zero stretch code**

**Passive house for affordable housing**

## Electrification

SCF Action 2 /  
GND Section 7

- Replace oil and gas in homes and businesses

**Ban fossil fuel systems in new bldgs and rehabs.** Berkeley did it. Brookline, Newton, Salem et al. looking to do same

## 100% Renewables

SCF Actions 9 and 12 /  
GND Section 7

- Community choice aggregation
- State advocacy

Ask constituents to **opt-up to 100% renewable** in new CCE program

## Transportation

SCF Actions 3 and 4 /  
Section 8

- Bus reliability
- Bike infrastructure

Advocate for **fare-free transit**

Dedicate more **bus and bike lanes**

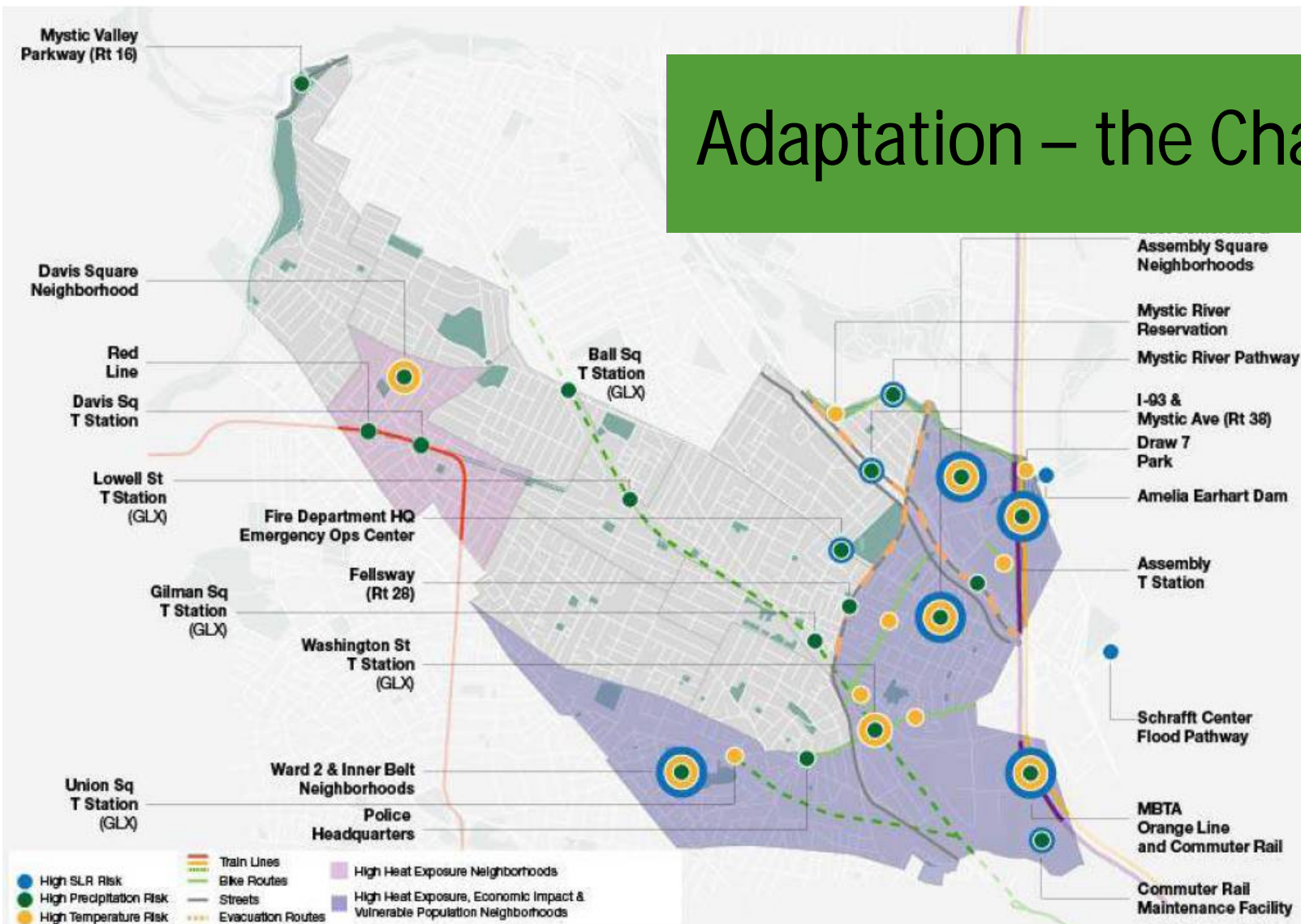
Alignment  
A few ideas

# Adaptation – the Challenge

Heat

Water

Restoration



# Adaptation – Select Solutions

## Heat

SCF Actions 6 and 8 /  
GND Section 12

- Expanded tree canopy
- Heat shelters for vulnerable populations

Enforce tree ordinance and  
**demand reforestation**

Replace paved/hot surfaces

## Water

SCF Actions 5, 6, 8 and 13 /  
GND Section 12

- Stormwater Enterprise Fund
- Mystic River Regional Coalition

**Green stormwater infrastructure** (e.g.,  
Philadelphia)

## Restoration

SCF Actions 6 and 13 /  
GND Section 12

- Natural barriers against extreme weather events

Pass **native plant ordinance**

**Draw 7 Park** as a natural barrier

Alignment  
A few ideas



# Federal Green New Deal

AOC, the Massachusetts delegation and Sunrise

## Climate change is not a stand-alone issue

- Somerville Climate Forward views **climate change with an equity** lens
- Green New Deal views **climate change and equity** at the same time

# Equity in the Green New Deal for Somerville

## Section 9 – Displacement

- Affordable housing
- Transit-oriented development
- Cooperative models

## Section 10 – Green Economy

- Green jobs (different skills)
- Labor support and worker protection
- Green Zones (aka Ecodistricts)

# Use climate change as a lens for all issues

1. Sign on to the Green New Deal for Somerville resolution
2. Examine planning and zoning through the climate change lens
  1. Zoning overhaul
  2. Davis Square Neighborhood Plan
  3. Transform Zoning Overlays (aka Master Plan Development Overlay)
  4. Green Zones (aka EcoDistricts)

A background image showing a group of people at a climate social event. In the foreground, a group of people is standing and smiling. One person is holding a sign that reads "THIS HOME RUNS ON 100% RENEWABLE POWER. LOPTED UP - YOU CAN". In the background, there are more people and a wall with a red cross and a tree symbol.

You are invited

Thank you

Come to our Climate Social

Sunday, September 22, 4-7pm at the Growing Center