

Civics 101 Sustainability Department

September 9, 2026

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Our Team



Building a sustainable
community that fulfills
the needs of the
present and the future



Our Focus Areas

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Greenhouse Gas
Reduction



Climate Resilience



Water Protection



Waste Reduction



Youth & Schools



Climate Change Impacts



Extreme Heat

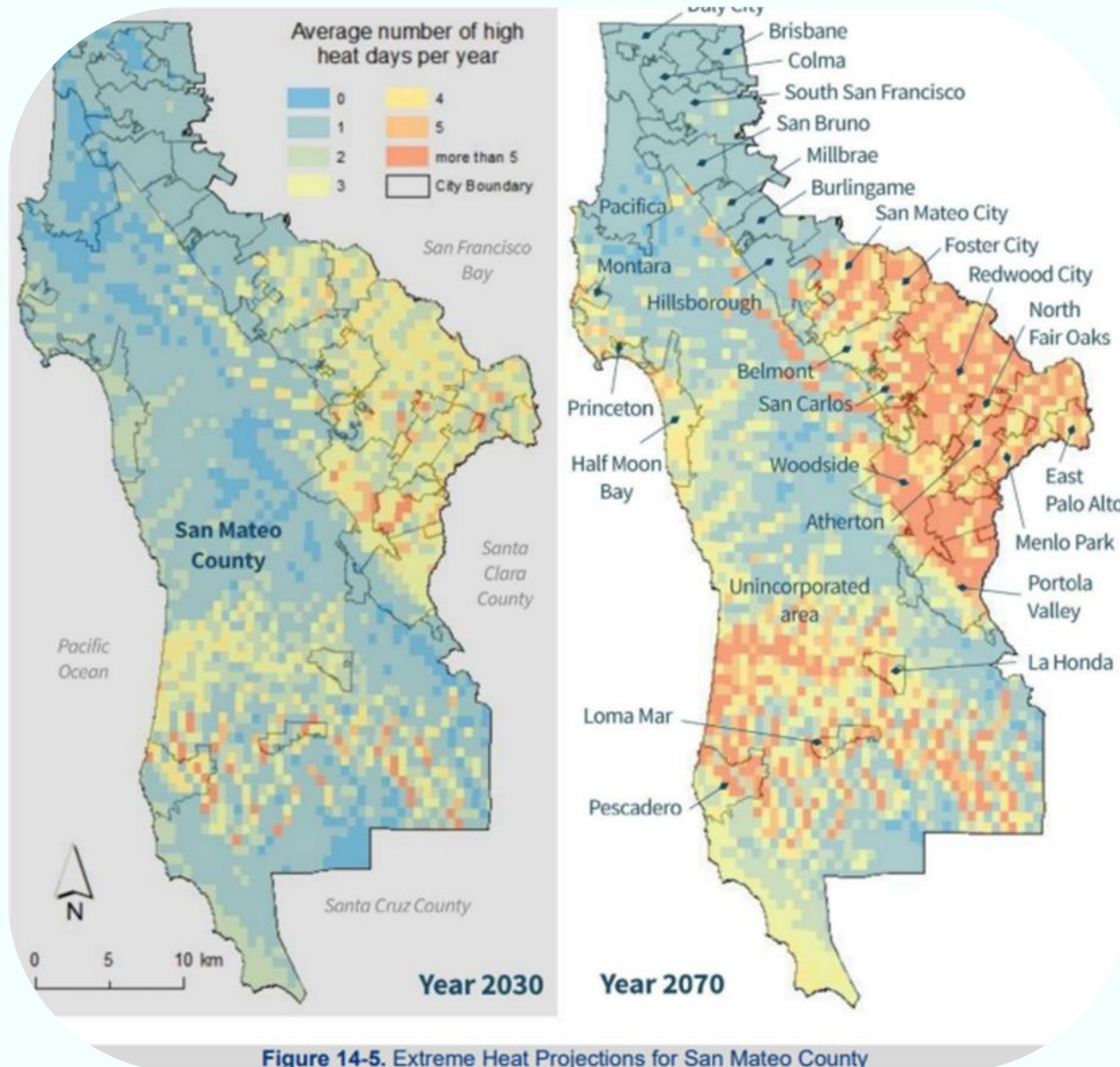
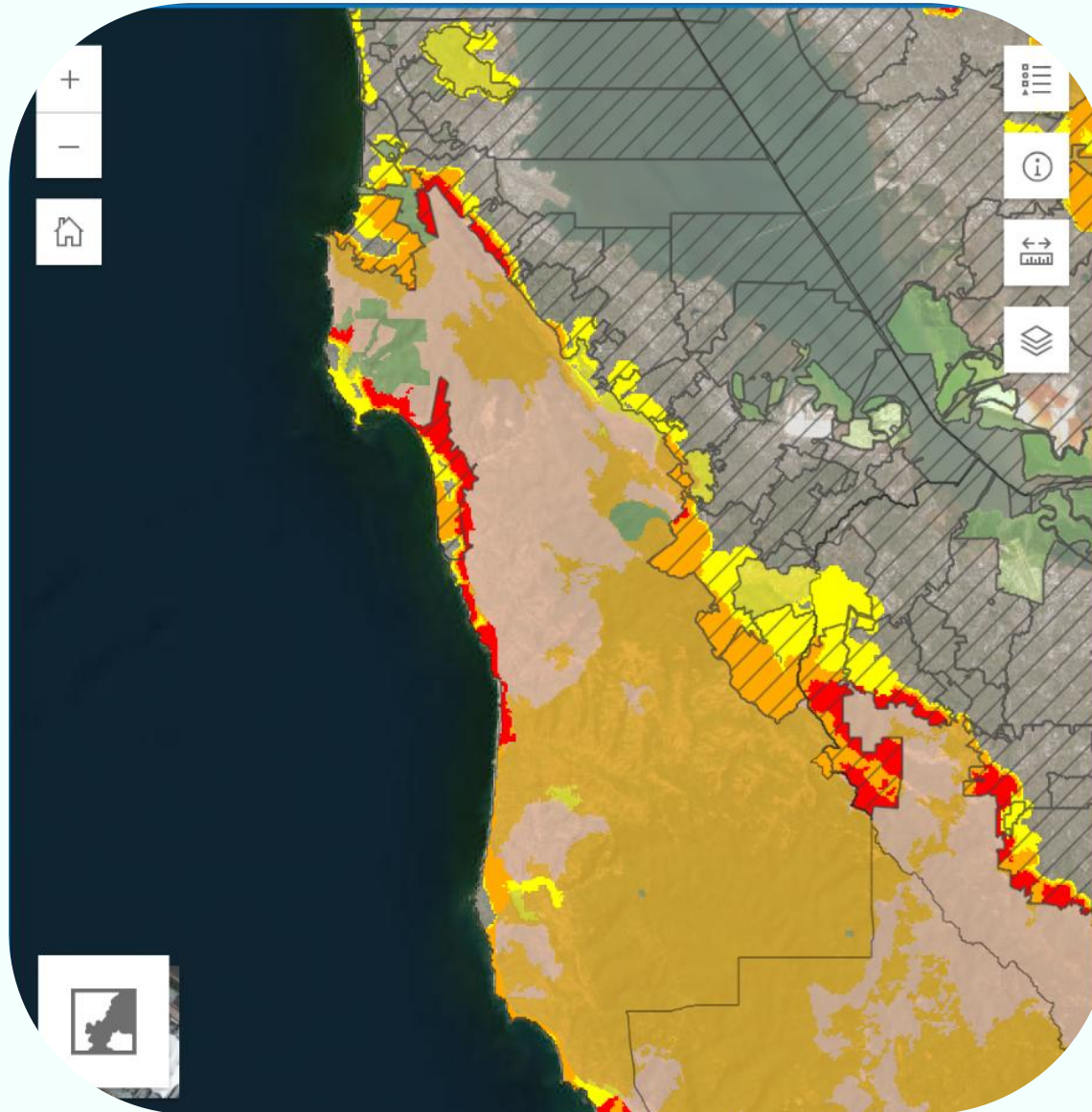


Figure 14-5. Extreme Heat Projections for San Mateo County

- One of the deadliest climate impacts
- Heat impacts can be worsened by urban heat island effect, building conditions and HVAC systems that struggle or fail during extreme temperatures



Wildfires



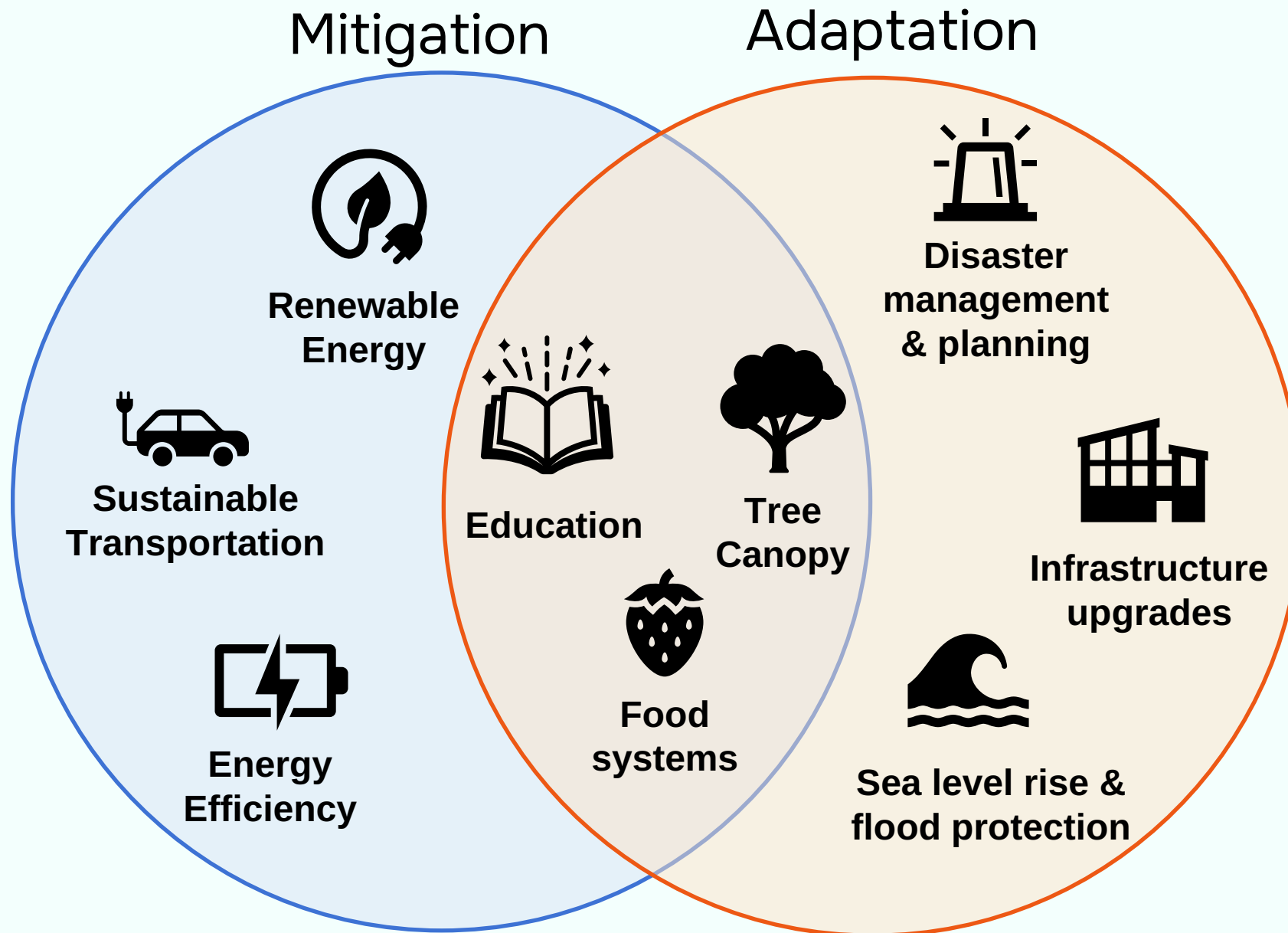
- This Wildfire Hazard Severity Zone map for SMC shows large areas designated as high or very high risk.
- High likelihood of smoke impacts in SMC, even when fire isn't burning inside our county



Climate Change Solutions



Climate Change Solutions



Reducing Greenhouse Gas Emissions

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Unincorporated County

- Carbon Neutrality by 2040
- 45% reduction over 1990 levels by 2030

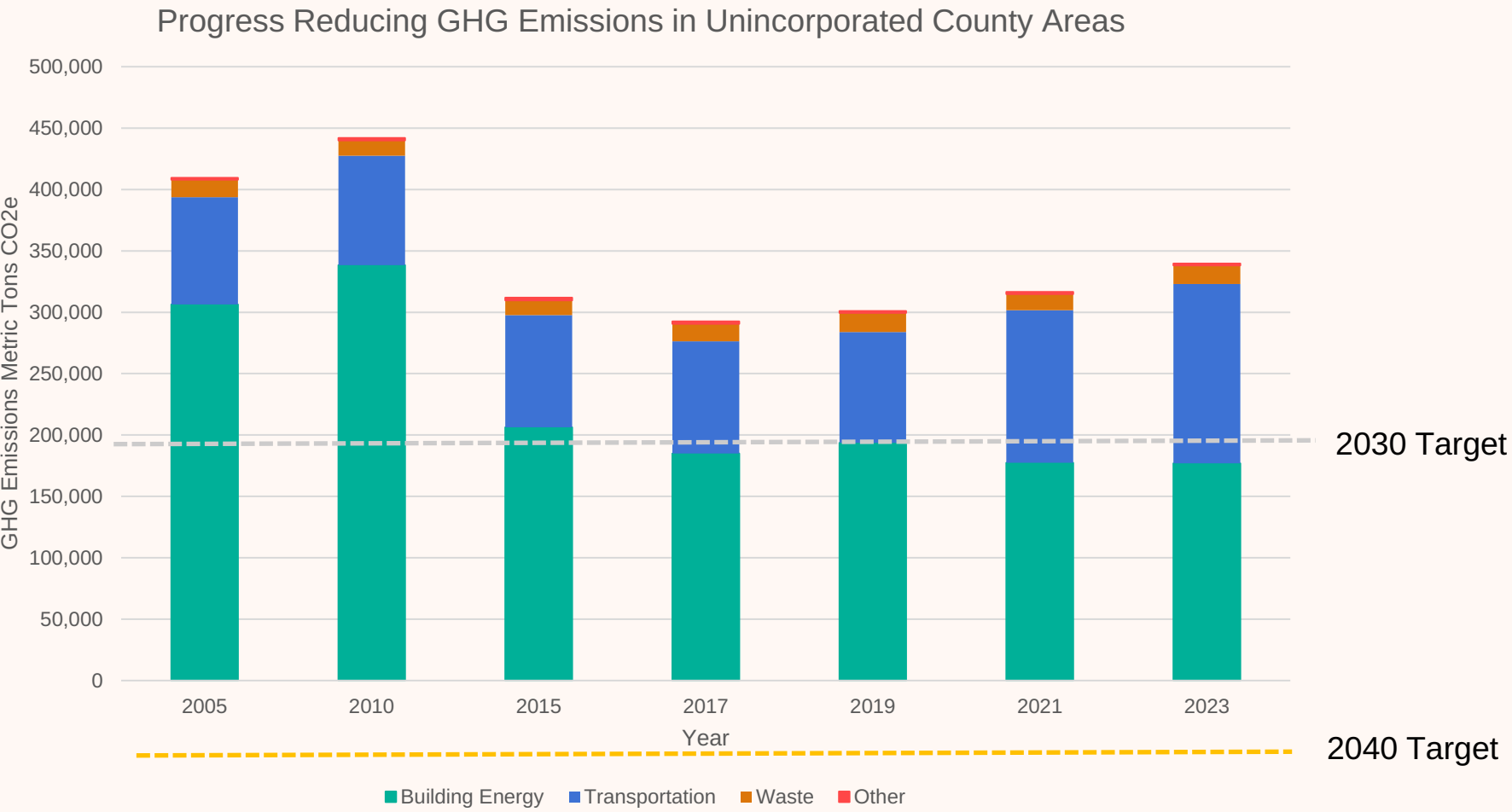


County Government

- Carbon Neutrality by 2035
- 80% reduction over 2005 levels by 2030



Carbon Neutrality Progress



Scan this QR code
to volunteer or join
a Climate Change
Community Team



Transitioning to Clean Energy



Goal: Reduce energy use and carbon emissions by improving building efficiency and replacing fossil fuel systems with electric alternatives.



Residents

Scan this QR code to learn how to electrify your home through incentives



Small Businesses

Scan this QR code for support and guidance on electrification



Building Community Resilience



Pescadero microgrid project



Backup battery system at a church in SSF



Green Business Program



Equipment in a community-led resilience hub in HMB



Protecting Water Resources



Primarily focus: Stormwater pollution prevention and water quality monitoring



Scan to learn about how we are conserving our water resources



Engaging Programs for All



Waste Reduction and Management



Growing a Zero Waste Culture

4Rs: *Reduce, Reuse, Recycle, Rot*



Scan this QR code for
our events calendar



Scan this QR code for info on our
Solutions to Waste Schools Program

Composting

Goal: Cut methane emissions from food and organic waste in landfills

Scan this QR code to learn simple organics sorting rules



Farmer Paul
Half Moon Bay



...for San Mateo County gardens, parks and farms.



Please keep all **PLASTIC OUT** of the green bin.

Building Partnerships



Scan this QR code to find food recovery organizations



Scan this QR code to donate surplus edible food

Get Involved!



Borrow a Check It Out! Energy and Water Saving Toolkit from your local library:



Join a Compost workshop, Fix-it Clinic, or other event:



Share our Small Business Resource Center with your favorite business:



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announcements



Thank you.

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