

Adapting to Rising Tides Bay Area



Metropolitan
Transportation
Commission



Bay Area
Regional
Collaborative



Company and
to Bay Area

Figure: PG&E and USGS

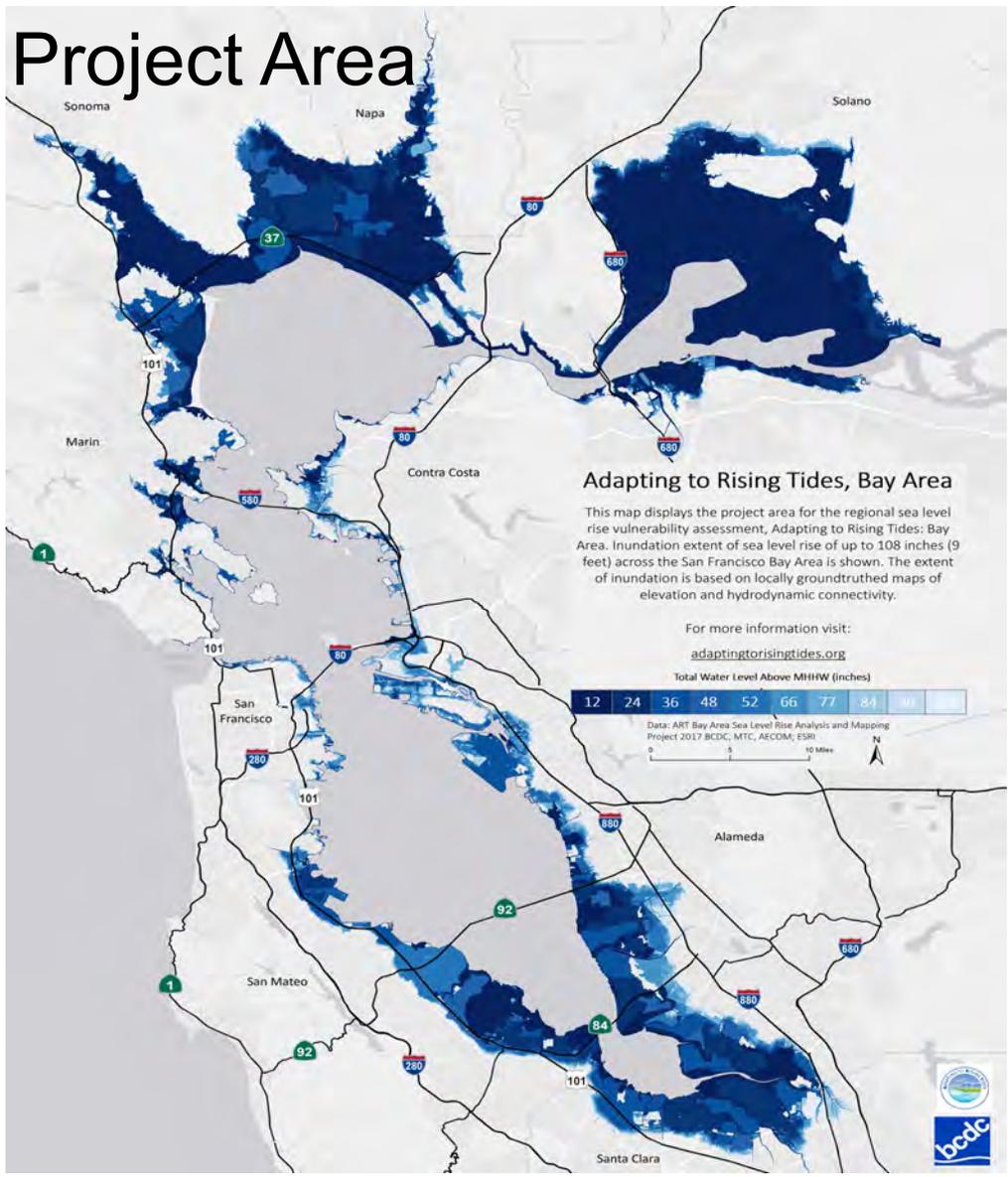
Terminology!

- ART = the Adapting to Rising Tides program
- ART projects = rising sea level vulnerability and adaptation projects, usually at county or asset scale
- ART Bay Area = interagency ART project for the entire Bay region, focusing on particular assets of regional significance

Today's
talk

Project motivation

- Caltrans Sustainable Transportation Planning Grant
- Recognizing the need to:
 - plan for rising sea level and it's impacts upon transportation infrastructure
 - build upon Plan Bay Area
 - plan holistically and understand regional connections

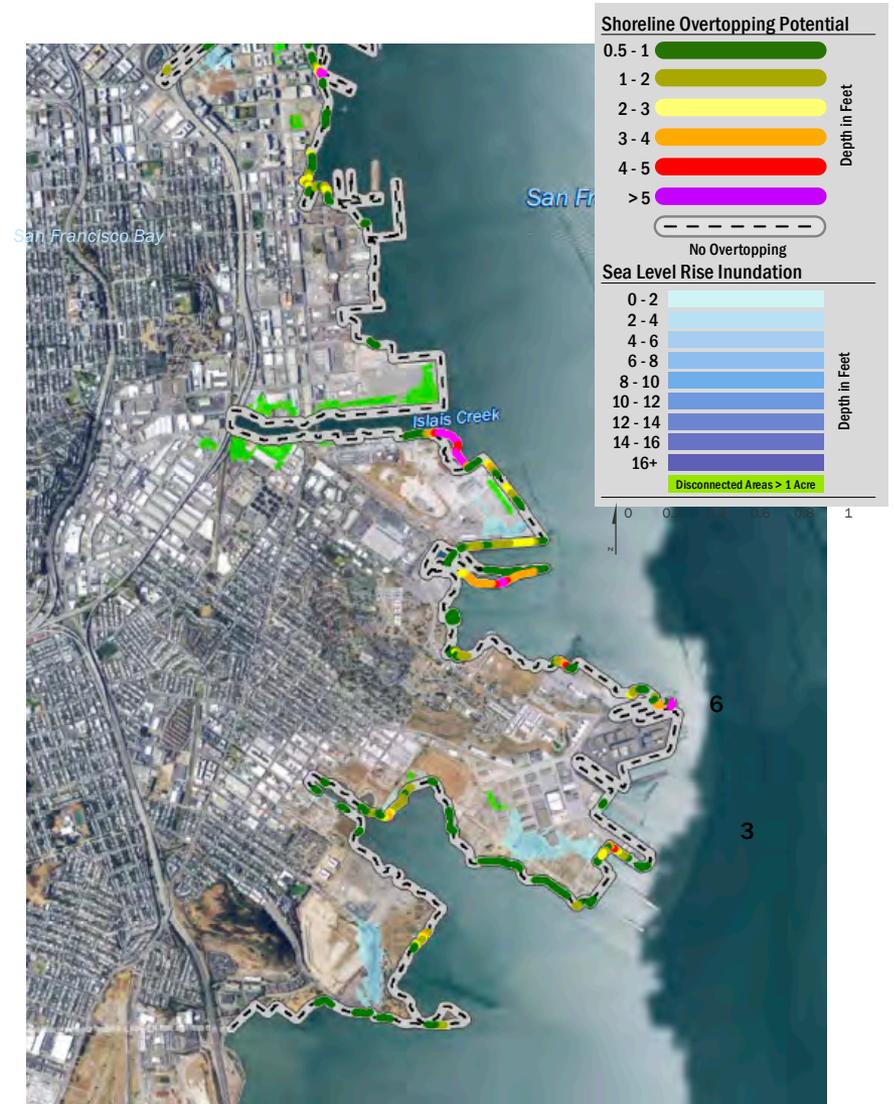


Project Partners

- Agency staff
 - Caltrans (funder, along with BATA)
 - MTC (grant recipient)
 - BARC (project manager)
 - BCDC ART team
- Consultant team
 - AECOM
 - Natural Capital
- Stakeholders
 - Regional Working Group – 12 meetings
 - Public – 7+ meetings



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- Local
- a
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- A



ART Bay Area Project

Transportation infrastructure



Priority Development Areas (PDAs)



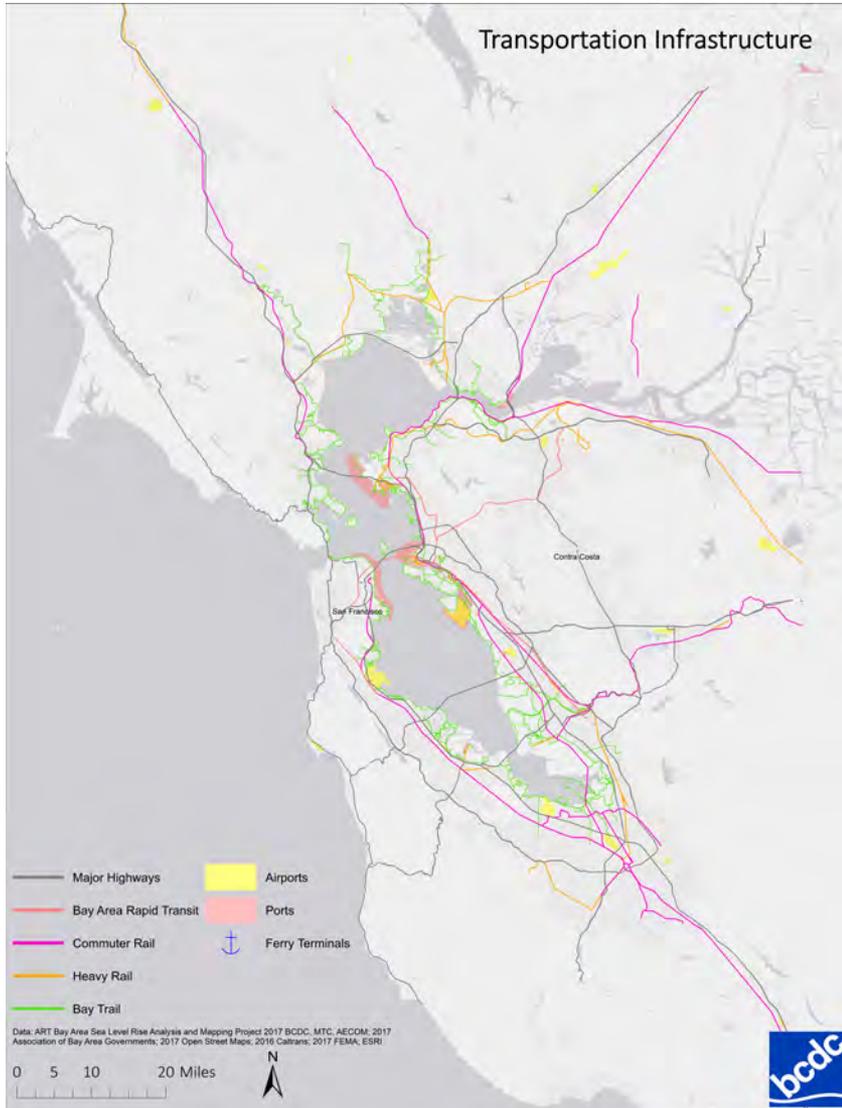
Disadvantaged Communities



Priority Conservation Areas (PCAs)



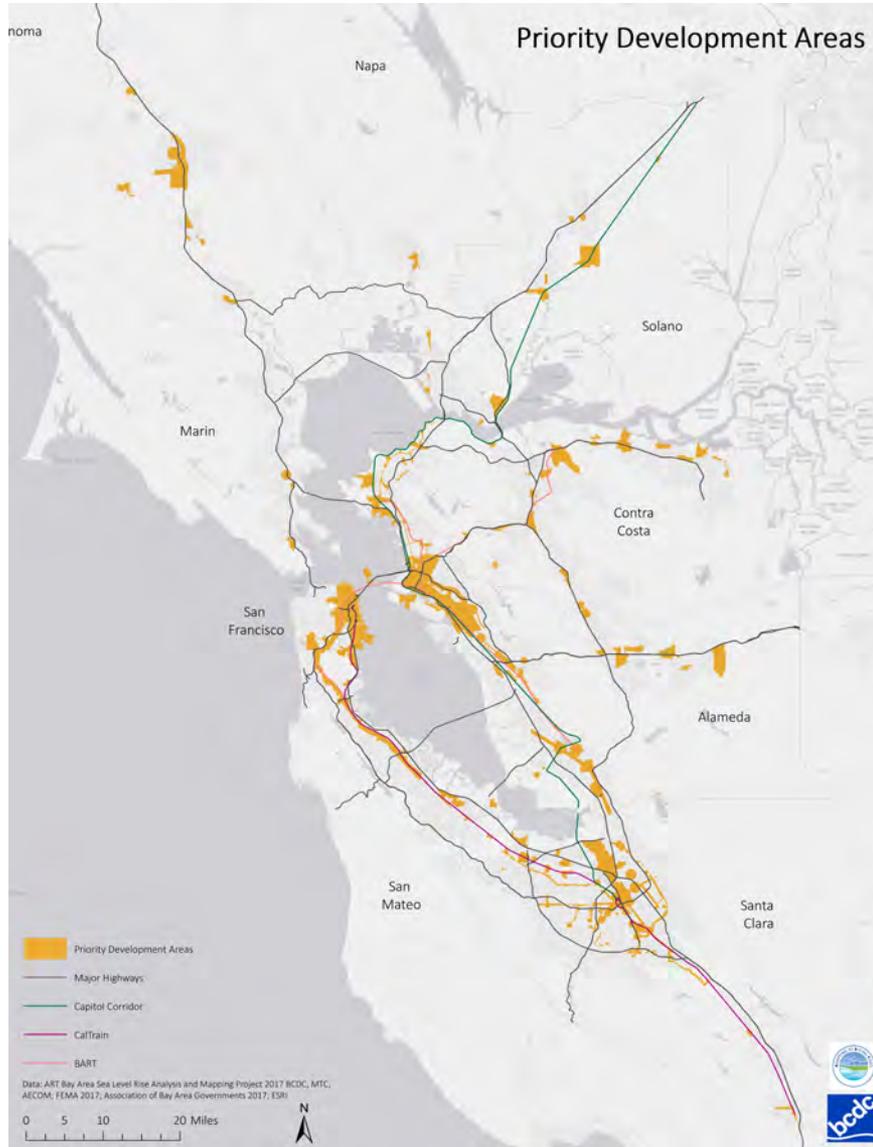
Transportation



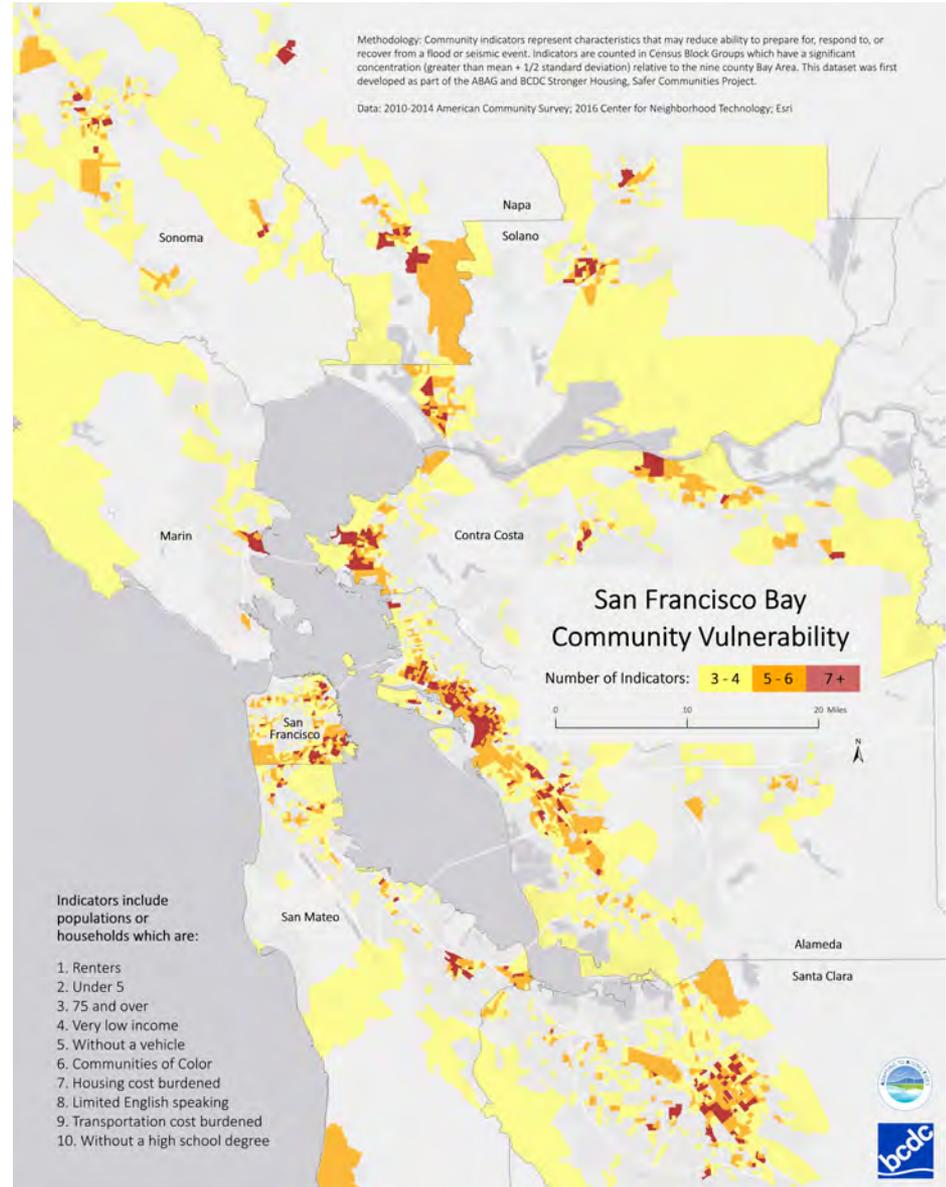
Priority Conservation Areas (PCA)



Priority Development Areas (PDA)



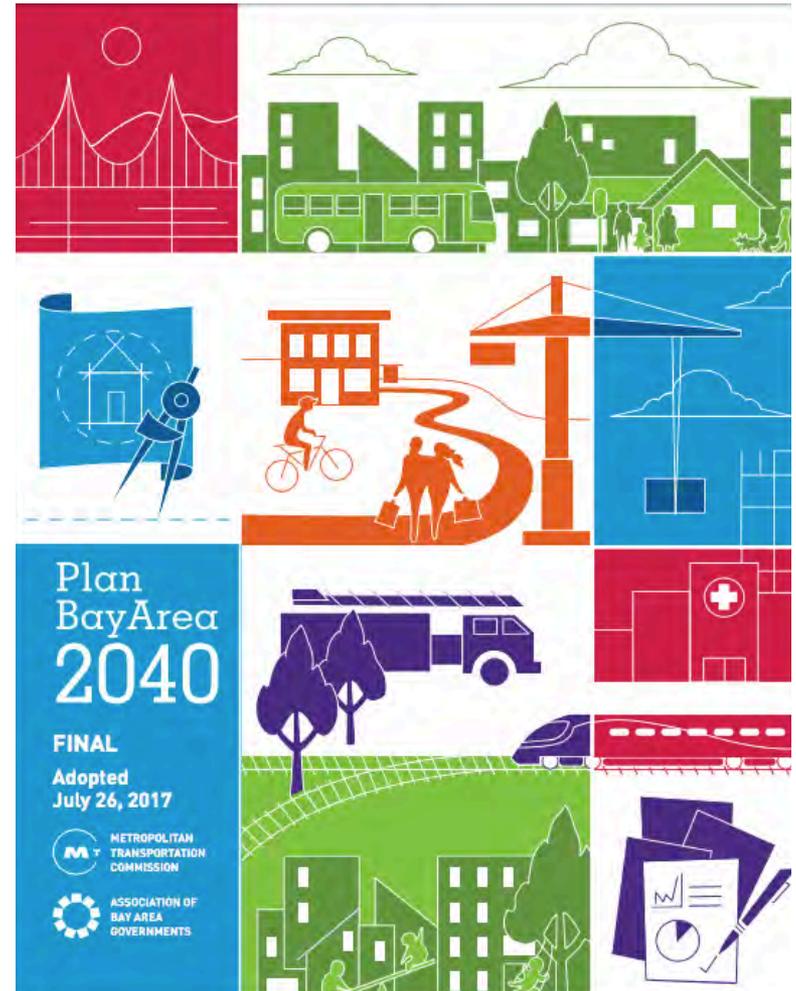
Disadvantaged Communities



Collaboration

Leverage completed/ongoing projects, e.g.,

- Marin BayWAVE
- Sea Change San Mateo
- San Francisco SLR Action Plan
- Silicon Valley 2.0 - Santa Clara
- Coastal Conservancy's Climate Programs
- Baylands Ecosystem Habitat Goals Update



RESILIENT

BAY AREA CHALLENGE

BY

DESIGN

Project Timeline



Project Initiation – Fall 2017

Project Scoping – Fall/Winter 2017

Conduct Assessment – Fall/Spring 2017-18

Determine Assessment Outcomes – Summer/Fall 2018

Transition to Adaptation – Fall 2018

Develop Adaptation Responses – Fall/Winter 2018-19

Finalize Indicators and Framework – Winter/Spring 2019

Evaluate and Prioritize Adaptation Responses and Identify Opportunities for Implementation – Spring/Summer 2019

Working Group Meeting

Individual or small group meetings

Public meetings

ART Bay Area Outcomes

- ✓ Suite of strategies, prioritized for funding
- ✓ Framework for conducting future studies
- ✓ Groundwork to inform a Regional Adaptation Plan
- ✓ An informed and engaged network



Oct 16 Policy Recommendations

Adopted recommendations include:

- Regional Adaptation Plan
- County-level ART projects
- Regionally significant assets
- Regional education campaign
- Regional data repositories
- Financing the Future



Thank you!

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