



Climate Change

Taking it Local





Welcome

Diz Swift
LWVC
Climate Change
Program Director

Gloria Chun Hoo
LWVC
Board Member

Karen Nelson
LWVC
Climate Change
Communications





Presentation Agenda

1

Introduction

Gloria Chun Hoo

Background on Climate Change Action Policy
Review of Policy

2

Taking it Local

Diz Swift

Promote Efficiency
Promote Carbon Pricing
Promote a Low Carbon Economy
Promote Adaptation

2

3

Discussion

What You Can Do
How Can LWVC Help

Gloria Chun Hoo, Diz Swift



Local and Regional Actions





Taking it Local
YOUR IDEAS!

Promote Efficiency

Promote energy conservation and efficiency in transportation, buildings, and infrastructure, including energy efficiency standards and land use policies that reduce vehicle miles travelled.



Promote Efficiency: **Your Ideas**

*Promote energy conservation and efficiency in **transportation**, buildings, and infrastructure, including energy efficiency standards and land use policies that reduce vehicle miles travelled.*

- Increased and more efficient public transportation
- Electric vehicles, local charging stations
- Car share programs, car share apps
- **Your Ideas?**



Promote Efficiency: **Your Ideas**

*Promote energy conservation and efficiency in transportation, **buildings**, and infrastructure, including energy efficiency standards and land use policies that reduce vehicle miles travelled.*

SB 350 requires us to double energy efficiency in CA buildings by 2030.

- Residential housing: Education and incentives (insulation, electrification (heat pumps), water reuse)
- Municipal codes for water and energy efficiency in buildings – current inspections
- **Your ideas?**

Promote Efficiency: **Your Ideas**

*Promote energy conservation and efficiency in transportation, buildings, and **infrastructure**, including energy efficiency standards and land use policies that reduce vehicle miles travelled.*

- Storm water capture in municipal systems
- Mini-grids, Community Choice Energy (if fiscally prudent)
- **Your Ideas?**



Promote Efficiency: **Your Ideas**

*Promote energy conservation and efficiency in transportation, buildings, and infrastructure, including **energy efficiency standards** and land use policies that reduce vehicle miles travelled.*

- Low carbon fuel standard, mileage standards
- Appliance efficiency standards
- Zero Net Energy rewards/incentives
- **Your Ideas?**

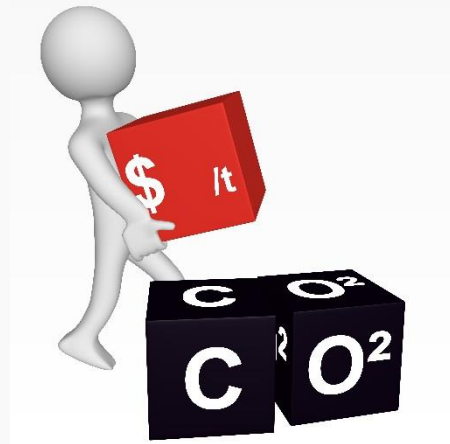
Promote Efficiency: **Your Ideas**

*Promote energy conservation and efficiency in transportation, buildings, and infrastructure, including energy efficiency standards and **land use policies** that reduce vehicle miles travelled.*

- Downtown plans that allow walkable cities/towns focused around public transportation
- Planning permits restricted by sea level rise
- Wetlands rehabilitation for storm surge protection
- **Your Ideas?**

Promote Carbon Pricing

Promote carbon pricing by market mechanisms such as cap and trade systems and carbon taxes.





Promote Carbon Pricing

Promote carbon pricing by market mechanisms such as cap and trade systems and carbon taxes.

LWVUS Supports a Price on Carbon

- No preference for type of market mechanisms or revenue use
- Most important is to get carbon pricing in place

California Legislative Proposals to Extend Market Mechanism

- AB 378 League supports
- SB 775 League is watching
- AB 151 League is watching (modifies cap and trade)

How is Carbon Priced?



Pricing Mechanism

Carbon Tax or Fee
Cap and Trade



Emissions Included

Electricity generation
Transportation
Industrial



Revenue Use

Government Programs
Mitigate/adapt
Reduce deficit
Infrastructure, etc.
Revenue Neutral
Return to people
Reduce other taxes



PRICE ON CARBON

Putting the Market to Work

[TAKE ACTION](#)



[MENU](#)



LET THE MARKET FIGHT CLIMATE CHANGE



SCIENCE



PRICING MECHANISMS



REVENUE USE OPTIONS



TAKE ACTION

OUR BLOG

Republicans Come Back to the Table

Posted in [General](#) | Feb 17th, 2017

Carbon Pricing Grows in North America

California's Ambitious Goals

Posted in [General](#) | Sep 15th, 2016

Promote Low-Carbon Energy Economy

Promote a clean, low-carbon energy economy that is sustainable, including all forms of renewable energy and transportation infrastructure.





Promote Low-Carbon Energy Economy

Promote a clean, low-carbon energy economy that is sustainable, including all forms of renewable energy and transportation infrastructure.

- Role of market (carbon price) grows renewables, discourages fossil fuels
- Evaluate relative merits of varied transportation infrastructure
- Encourage alternative energy in municipal settings
- **Your ideas?**

Promote Adaptation Policies

Promote policies that mitigate impacts of climate change by adaptation in urban, rural, agricultural, and natural settings.



Promote **Adaptation** Policies

Major Risks in California



Sea Level Rise

Changing Weather Patterns

Drought

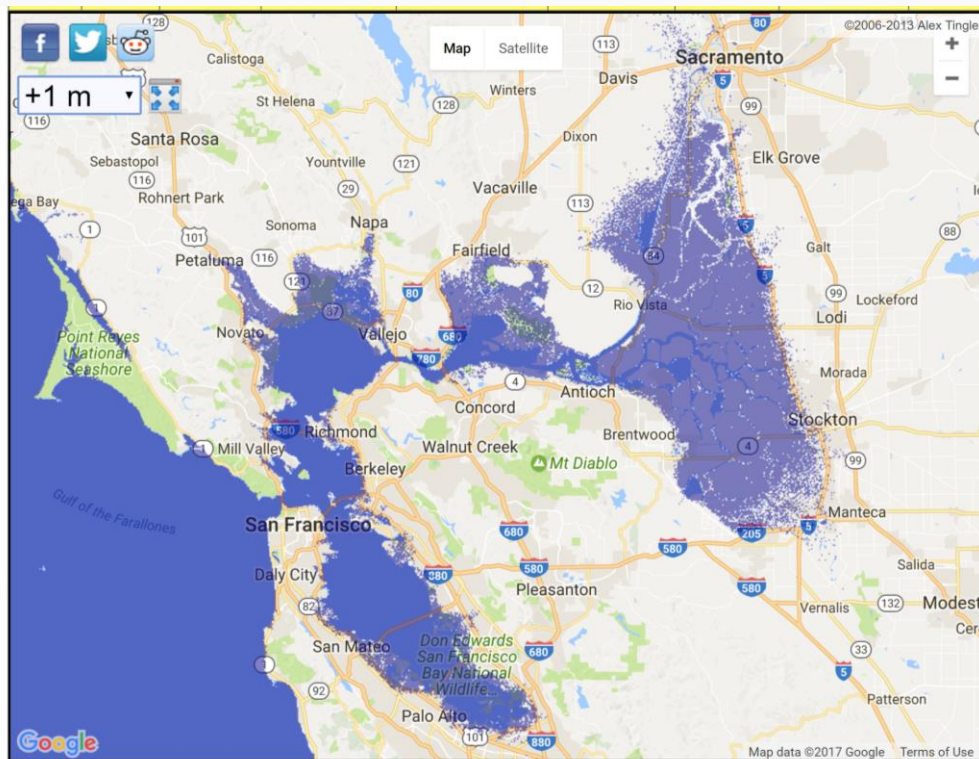
Stronger Storms

Agriculture Disruption





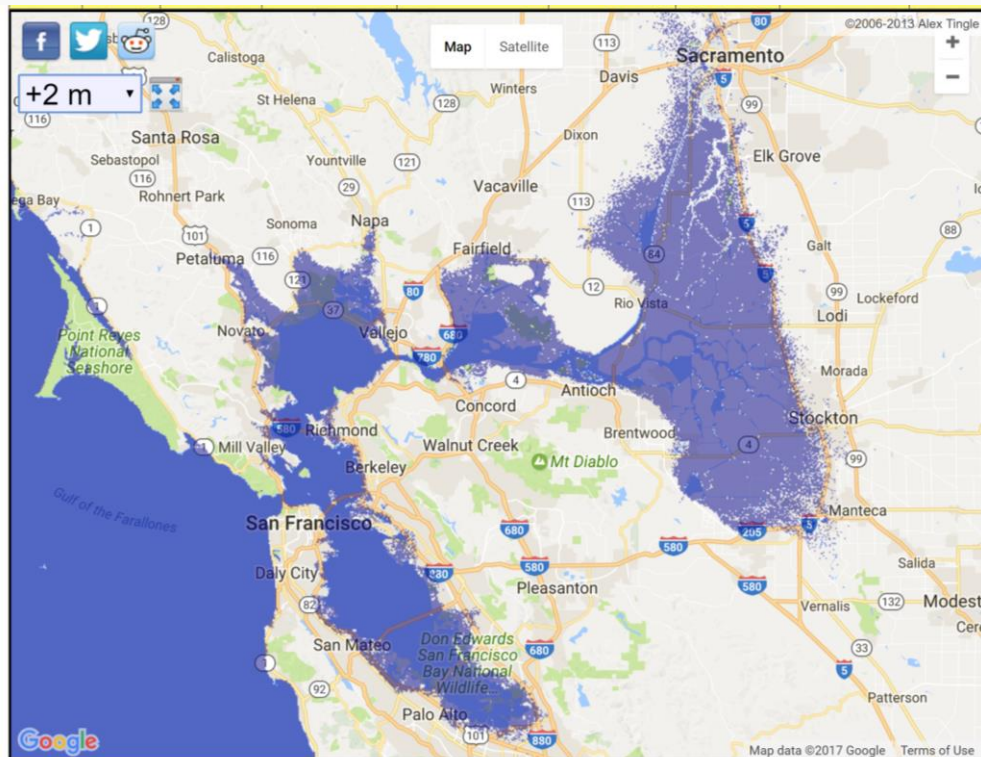
Promote Adaptation Policies



+ 1 meters



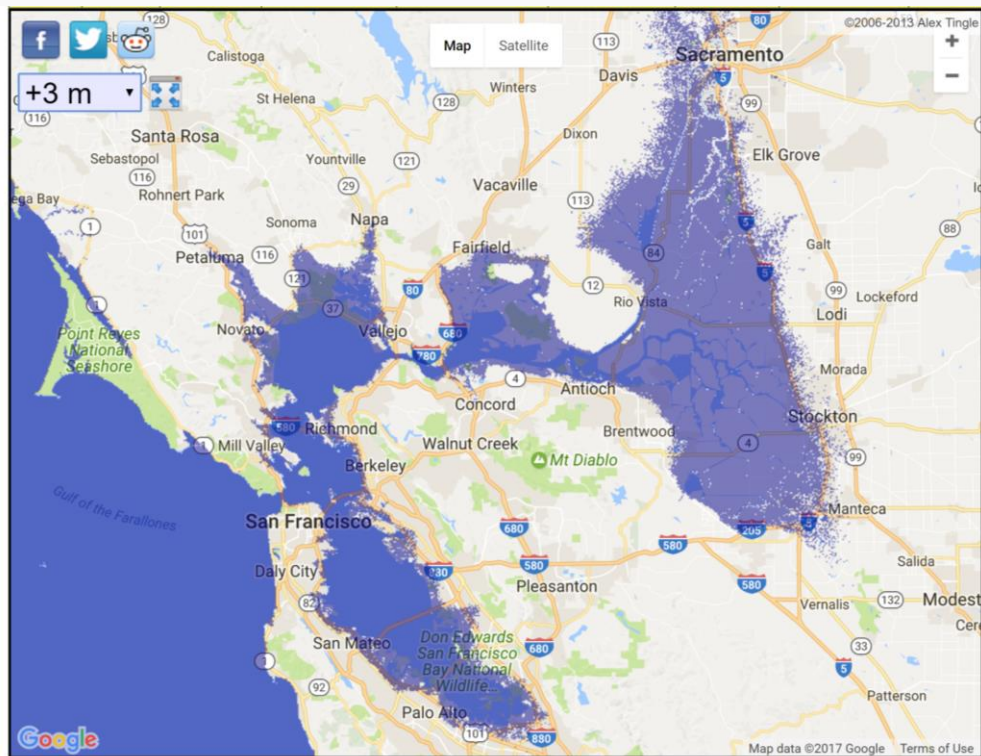
Promote Adaptation Policies



+ 2 meters

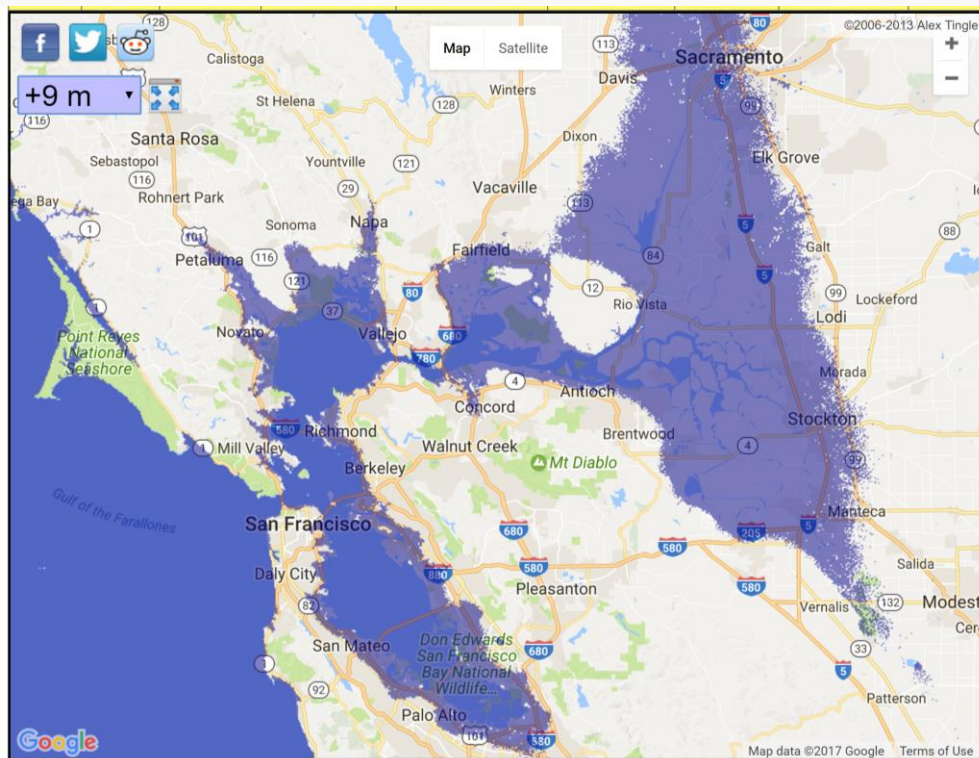


Promote Adaptation Policies



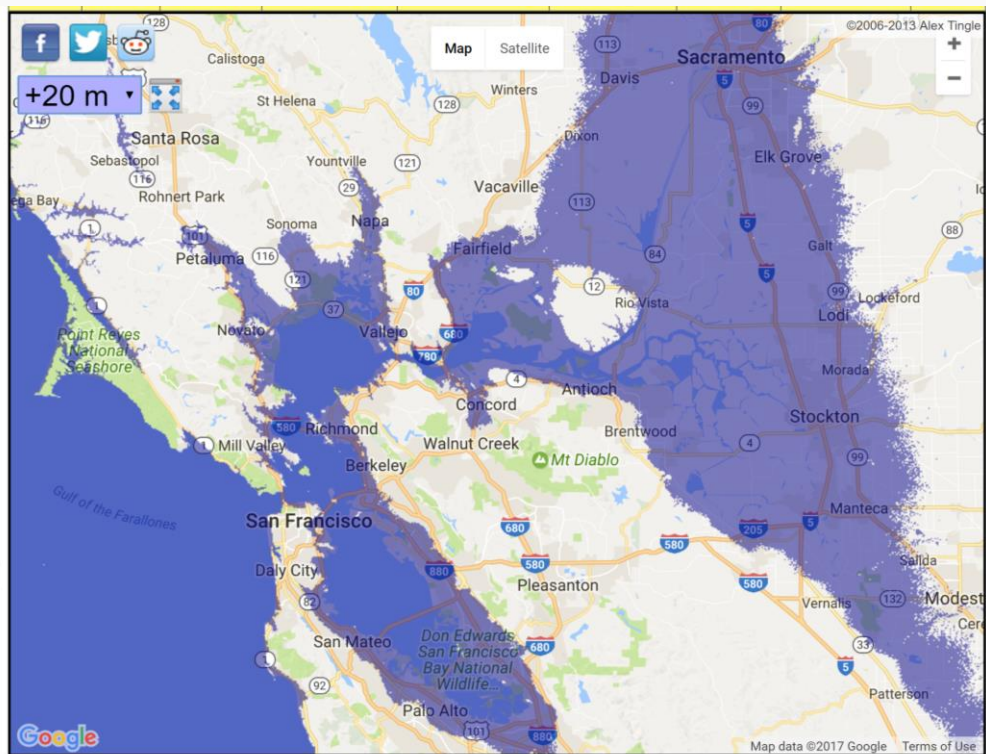
+ 3 meters

Promote Adaptation Policies



+ 9 meters

Promote Adaptation Policies



+20 meters



Promote **Adaptation** Policies

Promote policies that mitigate impacts of climate change by adaptation in urban, rural, agricultural, and natural settings

- Water policies
- Drought and flooding mitigation at local and regional level
- Wetlands restoration
- Regional planning and permitting
- **Your ideas?**

Local Applications



Promote Basic Research & Technology Development...
encouraging the use of a portfolio of technologies.



Promote Climate Social Justice Solutions...
that ease consequences of climate-related hardships to low
and moderate income households.

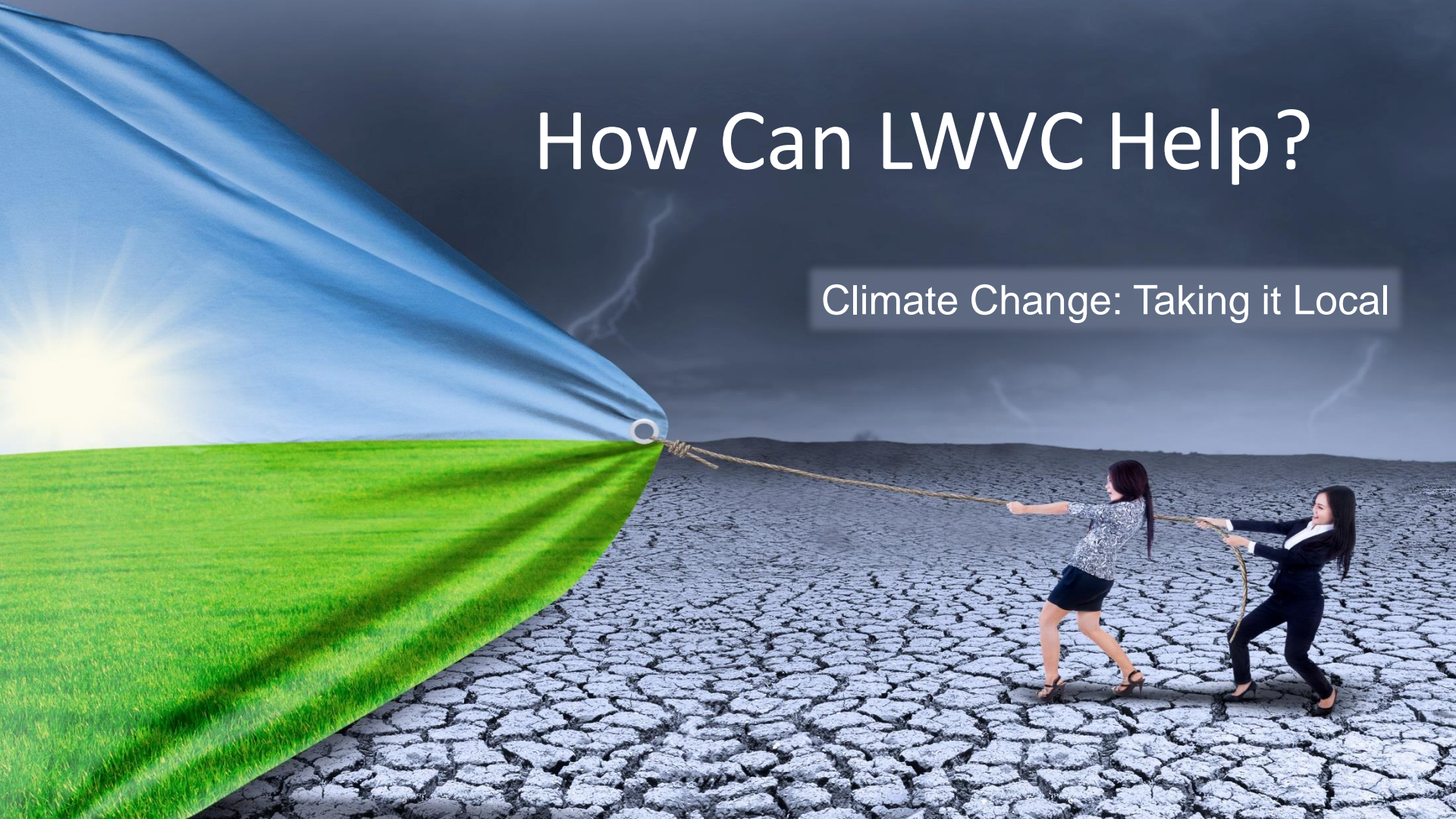


Promote Access and Involvement...
in decision-making process.

Working Together!

How Can LWVC Help?

Climate Change: Taking it Local





Thanks for Participating
