



Governor's Office of Planning and Research

Going From Should to Shall Planning for Climate Risk and Adaptation

Ocean Climate Summit

May 17, 2016



California in 2050?



State Planning Priorities:

- Efficient growth
- Urban/rural interface
- Long term population changes

California @ 50 Million



Six Goals "Pillars"

EO B-30-15

Vision

Reducing Greenhouse Gas Emissions to 40% Below 1990 levels by 2030

Goals

Governor's Key Climate Change Strategies



Increase Renewable Electricity Production to 50%



Reduce Petroleum Use by 50% in Vehicles



Double Energy Efficiency Savings at Existing Buildings



Reduce GHG Emissions from Natural and Working Lands



Reduce Short-Lived Climate Pollutants



Safeguard California



Popular Links

- ◊ [About AB 32](#)
- ◊ [AB 32 Scoping Plan](#)
- ◊ [Adaptation](#)
- ◊ [Cal-Adapt](#)
- ◊ [Climate Change Programs](#)
- ◊ [California Adaptation Forum](#)
- ◊ [Climate Action Team Research](#)
- ◊ [California Climate Assessments](#)
- ◊ [Cap and Trade](#)
- ◊ [Greenhouse Gas Emissions Inventory](#)



Focus on International

- ◊ [Intergovernmental Collaboration](#)
- ◊ [Under2MOU](#)
- ◊ [Climate Change Conference of the Parties – COP 21](#)
- ◊ [Intergovernmental Panel on Climate Change](#)
- ◊ [International ZEV Alliance](#)
- ◊ [California Climate Action](#)



Institutionalization

- EO S-03-05 – Targets for 2020 and 2050
- EO S-13-08 – Climate Adaptation
- EO B-30-15 – Integrated approach to climate
- Signed in 2015:
 - AB1482 – Safeguarding California and related
 - SB246 – OPR, ICARP and Clearinghouse
 - SB350 – New greenhouse gas emissions targets
 - SB379 – Local governments and climate risk

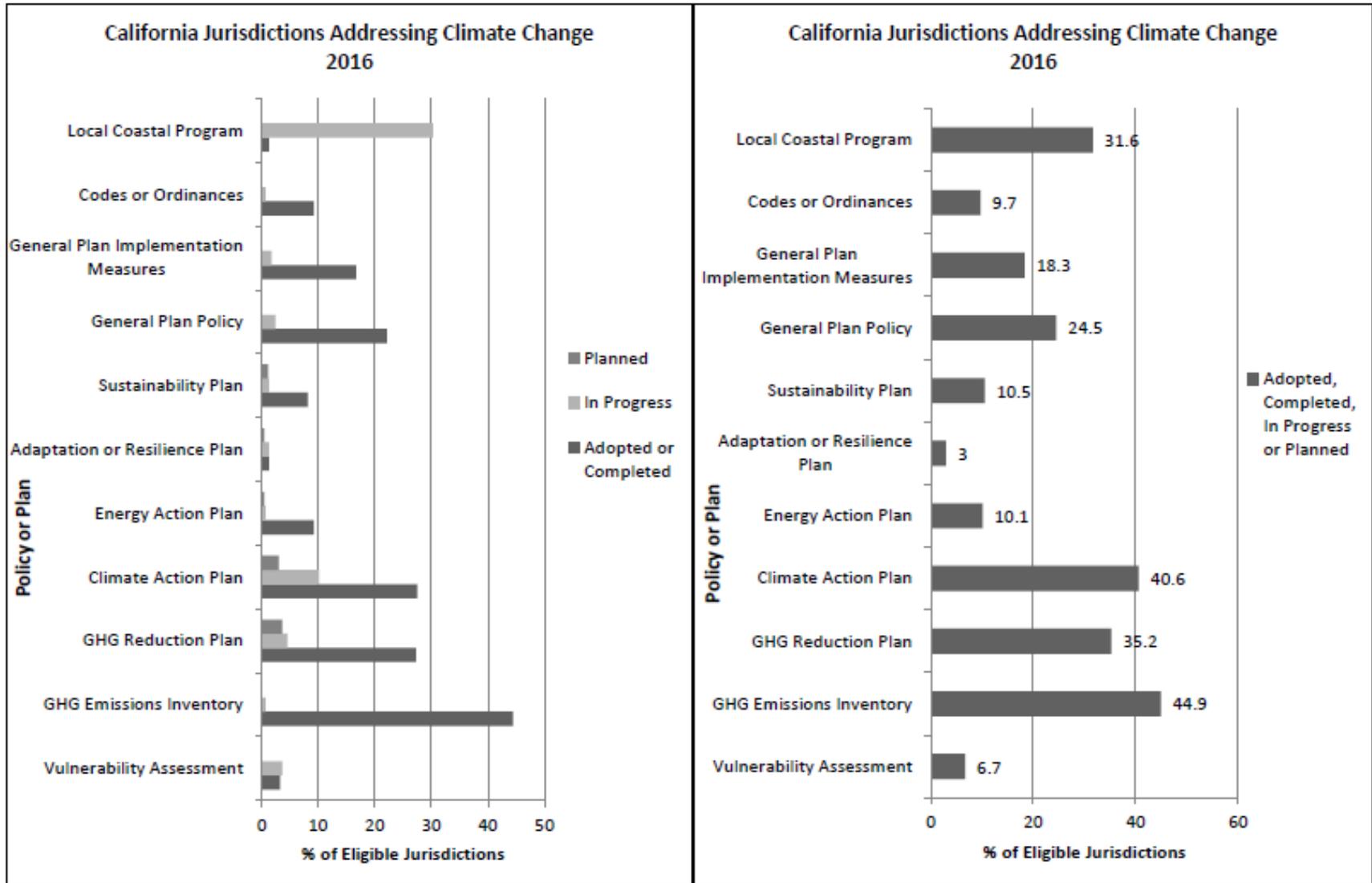


To Achieve Climate Goals

- Support infill development to build healthy, equitable, and sustainable communities
- Build a resilient and sustainable water system
- Steward and protect natural and working landscapes
- Incorporate climate change into all planning and investment
- Lead by example to make the state a model for long-term sustainability
- Unique and productive partnerships



Local Context



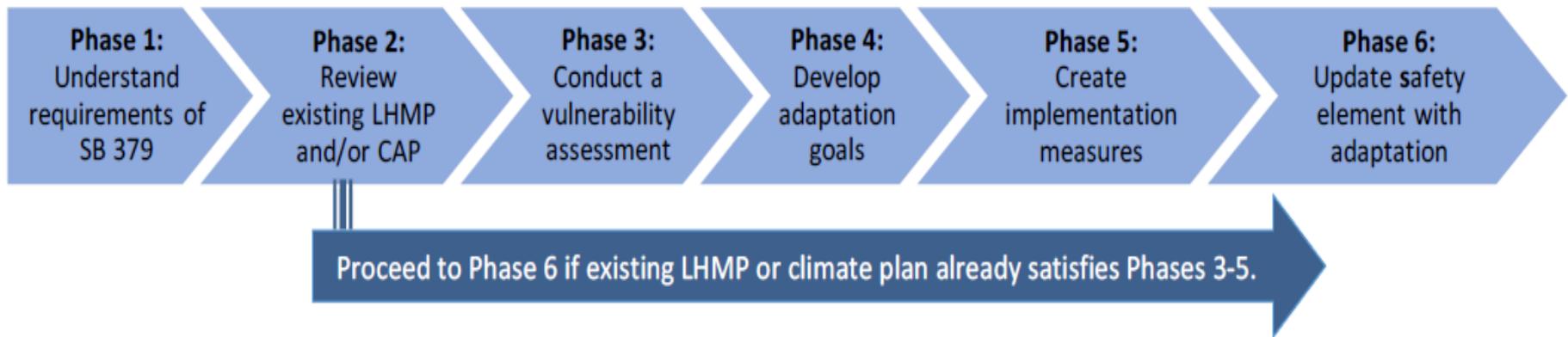


GP Guidelines and SB379

- Builds upon AB162 (flood protection) and SB1241 (fire protection) and Supports Safeguarding California implementation.
- Supports AB2140 (LHMP and Safety Element integration).
- Requires:
 - A vulnerability assessment
 - Adaptation goals, policies and objectives
 - Set of feasible implementation measures



GP Guidelines and SB379





www.Cal-Adapt.org

cal-adapt

EXPLORING CALIFORNIA'S
CLIMATE CHANGE RESEARCH

Video Tour

VIEW THE DIFFERENT TOOLS AND
DATA AVAILABLE IN CAL-ADAPT



Explore Climate Tools

INTERACTIVE MAPS & CHARTS



About Cal-Adapt

SUBSCRIBE TO THE CAL-ADAPT
NEWSLETTER

NEW WHAT'S NEW?

WHAT'S TO COME?

FAQS

Access Data

ACCESS THE RAW DATA USED IN
CAL-ADAPT



Resources

RESEARCH, PUBLICATIONS & LINKS



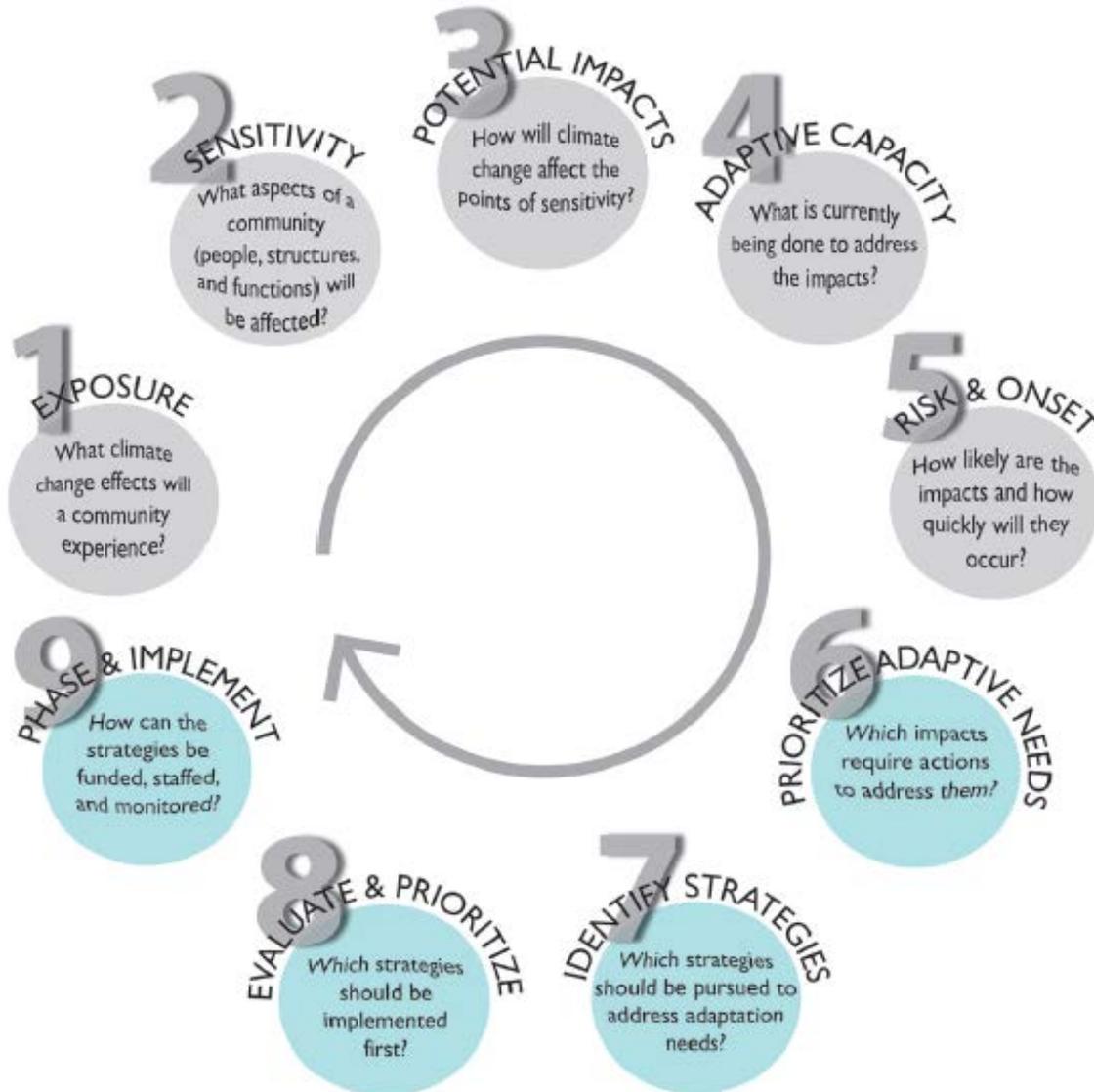
Community

CAL-ADAPT BLOG, CLIMATE CHANGE
NEWS & EVENTS





Adaptation Planning Guide





Other Items of Interest

- SB246 – ICARP and Adaptation Clearinghouse
 - Using input from the TAG and other scoping efforts
- CEQA Guidelines Update (AB52, SB743, overall)
- AB32 Scoping Plan
- State Hazard Mitigation Team and the SHMP
- OPR Best Practices Pilot Program (BP3)
- CivicSpark/Water Action Governor's AmeriCorps Initiatives
- But there is too much, so we need a “community of practice” in California and elsewhere...



CCCCSS

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www.californiascience.org

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California Climate Change Symposium 2015

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California Climate Change

Symposium 2016

Science to Safeguard California

Save the Date

Tuesday
09/06

RENAISSANCE LONG BEACH HOTEL

111 E OCEAN BLVD, LONG BEACH, CA 90802



NOTES

COMMENTS



California Adaptation Forum



September 7-8, 2016 • Long Beach, California

Join us in the **Fall of 2016** for the 2nd California Adaptation Forum, bringing together a diverse audience of leaders, stakeholders, practitioners, and other key players committed to addressing California's adaptation needs.



Thank You

Michael McCormick, AICP

www.opr.ca.gov

Michael.Mccormick@opr.ca.gov

916-323-9912