

CITY OF  
LONG BEACH

# CAAP

CLIMATE ACTION  
+ ADAPTATION PLAN

# City of Long Beach Climate Action and Adaptation Plan (CAAP)

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# Climate Action and Adaptation Plan

## Project History & Rationale:

- 2015- Mayor Robert Garcia signed the Compact of Mayors (now the Global Covenant)
- December 2016- City Council awarded a contract appropriating funds to develop the City's first ever Climate Action and Adaptation Plan (CAAP)
- March 2017- AECOM hired to provide technical support for development of the CAAP
- March 2018- a contract amendment to expand the scope of work to include additional outreach activities, further examine the draft vulnerability assessment, and to add economic analysis tasks related to the CAAP

## Existing Plans:

- California State University, Long Beach, Climate Action Plan
- City of Long Beach Climate Resiliency Assessment Report
- Port of Long Beach Climate Adaptation and Coastal Resiliency Plan
- City of Long Beach Sustainable City Action Plan
- Port of Long Beach Clean Air Action Plan (CAAP)

# CAAP: A Mitigation Measure of the LUE

- ▶ General Plan Update:
  - ▶ Land Use Element Update
    - Climate Action and Adaptation Plan (CAAP)
    - Uptown Planning Land Use and Neighborhood Strategy (UPLAN)
  - ▶ Urban Design Element (new element)
  - ▶ Housing Element (led by Housing and Neighborhood Services Bureau)
  - ▶ Noise Element
  - ▶ Mobility Element (livability, partnership with Public Works and Health)
    - Bike Master Plan
    - Pedestrian Plan/CX3

# Reminder: What is the CAAP?

*Climate Action is...*

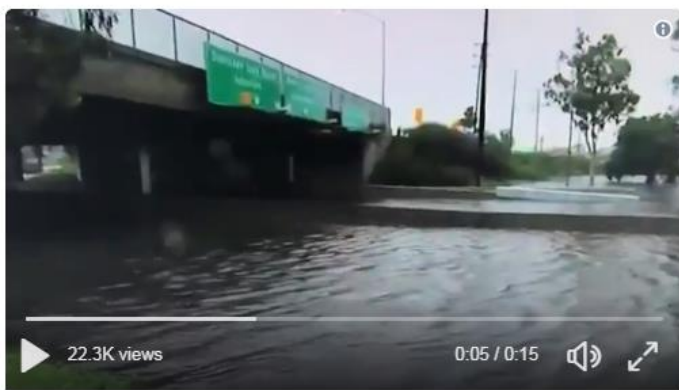


Image Credit: Press Telegram

...about reducing the impact we (people) have on the climate system by reducing future carbon emissions. *(for example, driving less)*

# Reminder: What is the CAAP?

*Climate Adaptation is...*



**Astro Turin**  
@AstroTurin

The 710 freeway in #longbeach #storm #losangeles #california  
January 22, 2017

5:30 PM - Jan 22, 2017

♡ 573 💬 498 people are talking about this



**Kristina Rodgers**  
@kristbrodgers

LongBeachPost waterfront property in East Long Beach 🙄

10:14 PM - Jan 22, 2017

💬 299 people are talking about this



**LBDP North Division**  
@LBDPNorth

One of many rescues today found by a LB Sergeant & rescued by LB Fire @lbfid personnel. Passenger was in a wheelchair.

10:14 PM - Jan 22, 2017

♡ 42 💬 22 people are talking about this

...about adjusting our behaviors, systems, infrastructure, to reduce the impact climate change has on us. *(for example, flood proof a house)*

# Reminder: What is the CAAP?

## ▶ A plan to:

- Reduce greenhouse gas (GHG) emissions
- Prepare the community for the impacts of climate change
- Make our communities safer and healthier
- Enhance economic vitality in Long Beach

## ▶ How?

- CAAP will propose a framework for creating or updating policies, programs, practices and incentives to reduce the City's GHG footprint, and ensure the community and physical assets are better protected from the impacts of climate change.

# CAAP Goals – *Small Change, Big Impact*

- ▶ Meet applicable local, state, and other requirements
- ▶ Actionable plan (right balance of innovation and practicality)
- ▶ Holistic consideration of economic, social, and environmental co-benefits
- ▶ Inclusive of entire community, including vulnerable populations
- ▶ Pre-position Long Beach for grant opportunities
- ▶ Public-friendly, easily digestible document
- ▶ Promote healthy and prosperous community
- ▶ Invoke personal sense of responsibility among residents
- ▶ Build off existing initiatives such as livability



# CAAP Development Process

## ▶ Technical Work Nearly Complete:

- Technical analyses required as a basis of data and facts for developing a CAAP
- Components:
  - Vulnerability assessment of critical assets (roads, bridges, parks, etc.)
  - GHC forecast
- Additional data requested of city departments to conduct more granular analysis
- These findings will be shared at the June 2 open house

## ▶ “Headlines” of the Technical Analysis:

- ▶ Preliminary vulnerability assessment results show a number of City assets at risk by 2030 including buildings, roads, bridges, parks and sewer stations
- ▶ GHG emissions breakdown:
  - ▶ 51% from driving
  - ▶ 45% from energy used in the buildings where we live and work
  - ▶ 4% come from waste



# CAAP Development Process

## ▶ Preliminary outreach conducted:

- Scientific Working Group
  - Validate the methodology, provide local data
  - 13 independent experts from: CSULB, LBCC, UCLA, Aquarium of the Pacific, AQMD, RAND
- City departments
- Business Working Group
- Community Working Group

## ▶ Looking ahead:

- First Public Open House June 2 at MLK Jr. Park- please join us!
- Yearlong ongoing community engagement to develop the CAAP
  - Draft outreach plan being refined to reflect lessons learned from LUE
  - Equity analysis of draft outreach plan
  - Multiple events in each Council District addressing local communities and issues
  - Surveying, focus groups to understand community priorities and interests
  - Online engagement (#climateactionlb)
- Draft plan
- Community feedback on draft plan (open house #2 in Fall 2018)
- Adoption process

# Learn More, Get Involved, Share Ideas!

## You're invited!

The first Public Open House scheduled for:

**Saturday, June 2, 2018**

Stop by between 10 a.m. – 1 p.m.

MLK Jr. Park, 1950 Lemon Ave.

Provide your feedback, sustainability resource fair, family friendly activities, refreshments and more!

## Stay involved!

- ▶ Visit our website for more info on the project:  
<http://www.lbds.info/climateactionlb>
- ▶ #ClimateActionLB
- ▶ Sign-up for alerts via LinkLB (see website)
- ▶ Join us for events and activities throughout the next year



SMALL  
CHANGE

BIG  
IMPACT