



*one*  
**COUNTY**  
*one*  
**FUTURE**

County of Santa Barbara

# 2030 Climate Action Plan



# Board Actions

## Adopt the 2030 Climate Action Plan

- Adopt the resolution
- Receive and file the **Implementation Cost Analysis Report**
- **Certify Final Environmental Impact Report**

## Oil and Gas Resolution

- Receive and file **Summary on Local Jurisdiction Actions**
- Adopt a resolution directing staff to:
  - Identify **viable measures to reduce emissions from oil and gas** extraction and processing;
  - **Return to the Board within six months** for consideration of such measures

## GHG Thresholds & Consistency Checklist

- Adopt a resolution to **approve amendments new non-stationary source greenhouse gas emissions thresholds of significance, and the 2030 CAP Consistency Checklist**
- Determine the amendment to the *Environmental Thresholds and Guidelines Manual* is not a project

## Comprehensive Plan Amendment

- Make findings to **approve Comprehensive Plan Energy Element** amendment
- Find the proposed Comprehensive Plan Amendment is exempt from CEQA
- Adopt a resolution to **amend Policy 8.3 and Research Action 8.3.1** of the Comprehensive Plan Energy Element

# Plan Development Process

2020	Plan Kick Off, Community Presentations & Workshops
12/21-2/22	Draft Measures & Actions (Community Opinion Poll)
5/22	Energy & Climate Action Plan Final Report
3/23-7/23	Draft CAP public comment
6/23-7/23	Draft Env Impact Report public comment
6/23	Board of Supervisors CAP Study Session
5/24	Planning Commission – GHG Thresholds & Energy Element
<b>8/27</b>	<b>Board Adoption</b>

# Focus Areas & Measures

## Housing & Transportation

- Increase the use of zero emission vehicles
- Increase affordable housing & mobility options
- Decarbonize off-road emissions

## Clean Energy

- Increase clean energy use and energy resilience in new and existing buildings

## Waste, Water & Wastewater

- Reduce food waste and increase use of organic recycled materials
- Reduce use of non-recyclable and non-compostable single use items
- Increase energy- and carbon-efficiency of water systems

## Nature-Based Solutions

- Promote and support land management practices that sequester carbon

## Low-Carbon Economy

- Limit the increase of fossil fuel extraction and develop a sunset strategy
- Support local business in becoming more sustainable
- Facilitate mechanisms to value and fund carbon sequestration projects

## Municipal Operations

- Increase sustainability and resilience of County-operated facilities

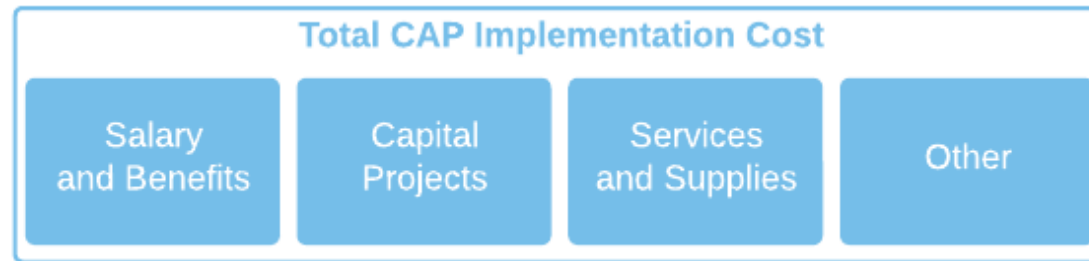
# Implementation Cost Analysis

## DOES

- Estimate costs and level of effort to implement the activities needed to achieve the GHG emission reduction targets included in the CAP.
  - Total upfront cost to the County and the level of effort to implement CAP measures over the first six years
  - Cost and level of effort associated with activities that would not have occurred without CAP adoption
    - Salary & Benefits
    - Capital Projects
    - Services & Supplies
    - Other

## DOES NOT

- Consider or include external sources of funding or financing, like grants, rebates and incentives, tax credits, third-party ownership, etc. or cost savings
- Consider costs and benefits borne by County residents and businesses
- Consider the cost of taking no action to reduce GHG emissions or address community resilience
- **Obligate or authorize any specific amount of funding**
  - *County will need to demonstrate progress toward reducing emissions to be CEQA-qualified and streamline development review*



Total Estimated CAP Implementation Cost  
**Year 1 to Year 6**  
 \$337,622,000  
*(\$371,384,000 with 10% contingency)*

**Existing Programs**  
 \$202,327,000  
 60%

**New and Expanded Programs**  
 \$135,294,000  
 40%

**Existing Programs**  
 Associated with State Mandates or Previously Approved Plans

**New and Expanded Programs**  
 Would be \$135 Million in the First Six Years

**Funding Status**

**Unfunded**  
 \$133,148,000  
 98%

**Funded**  
 \$2,146,000  
 2%

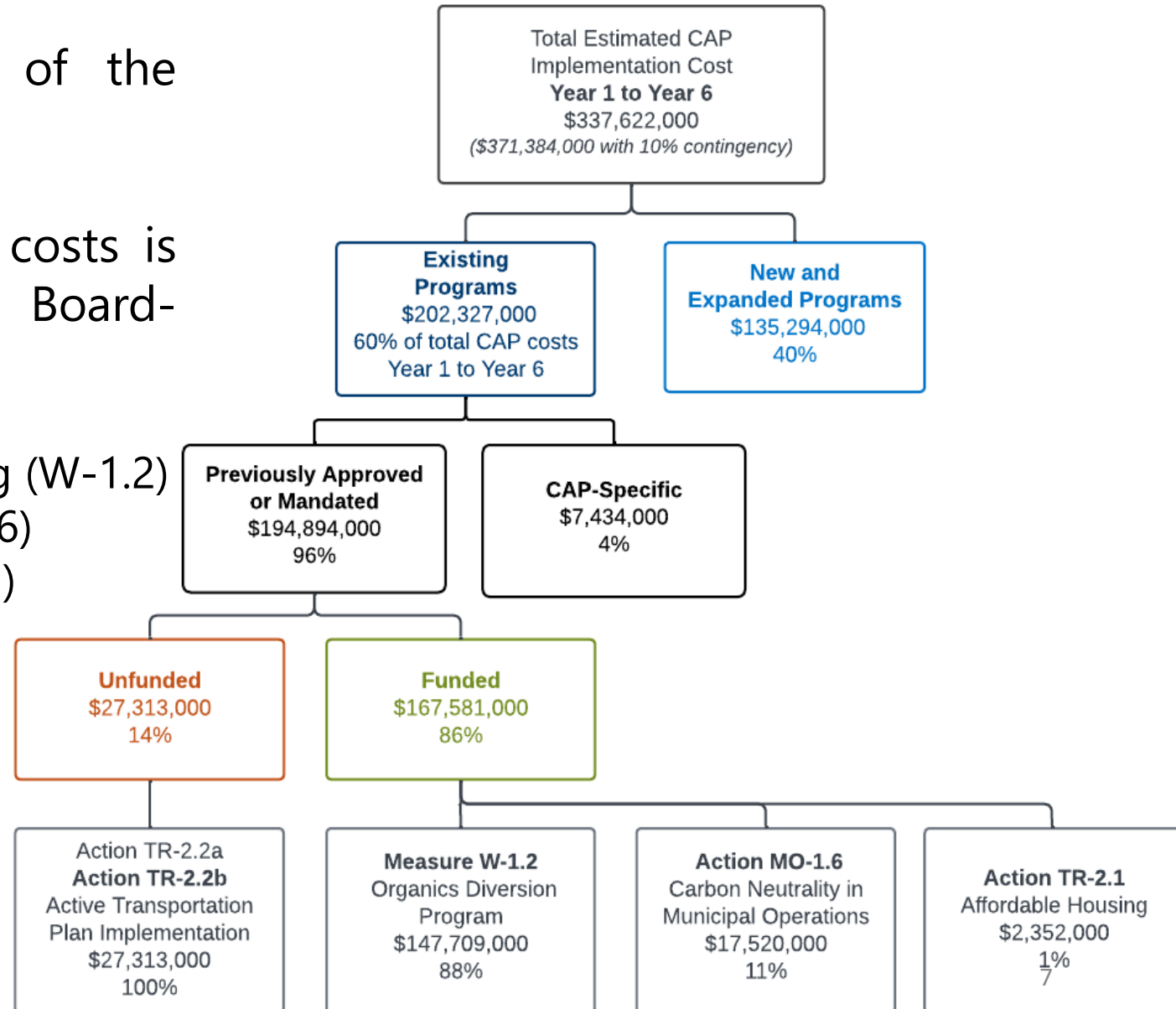


# Implementation Cost Analysis

3 measures account for over 95% of the existing CAP implementation costs.

Nearly \$168 million (86%) of existing costs is associated with state mandates or Board-adopted plans:

- Active Transportation Plan (TR-2.2)
- SB 1383 Organics Diversion and Recycling (W-1.2)
- Advanced Clean Fleets regulation (MO-1.6)
- Housing Element Implementation (TR-2.1)



# Implementation Cost Analysis

Three measures account for more than 90% of the estimated new and expanded CAP implementation costs.

- County facility and building electrification
- Transportation demand management policies, programs and projects
- Electric vehicle infrastructure

## Annual New and Expanded CAP Implementation Costs by Measure

Measure	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Total	% of Total
Measure MO-1: Increase sustainability and resilience of County-operated facilities	\$ 12,627,000	\$ 13,265,000	\$ 13,926,000	\$ 14,914,000	\$ 15,657,000	\$ 16,437,000	\$ 86,826,000	64.18%
Measure TR-2: Increase affordable housing and mobility options	\$ 3,228,000	\$ 3,564,000	\$ 3,692,000	\$ 3,801,000	\$ 3,981,000	\$ 333,000	\$ 18,599,000	13.75%
Measure TR-1: Increase the use of zero emission vehicles	\$ 2,459,000	\$ 2,484,000	\$ 2,454,000	\$ 3,119,000	\$ 2,965,000	\$ 4,369,000	\$ 17,850,000	13.19%
<b>Subtotal</b>	<b>\$ 18,314,000</b>	<b>\$ 19,313,000</b>	<b>\$ 20,072,000</b>	<b>\$ 21,834,000</b>	<b>\$ 22,603,000</b>	<b>\$ 21,139,000</b>	<b>\$ 123,275,000</b>	<b>91%</b>



# Local Actions on Oil and Gas

- Stationary Sources (including oil and gas) **are not included** in the County's GHG inventory and are not covered in the CAP
- CAP needs to **demonstrate meaningful progress**, to be CEQA-qualified and used for **tiered development review**
- Board adopted 1,000 metric tons of CO<sub>2</sub>e GHG threshold for stationary sources
  - County has not received any application for new oil or gas extraction

Santa Barbara County Stationary Source Emissions - Summary				
	2008	2016	2018	2022
<b>Electricity Generation</b>	32,341	13,579	15,313	0
<b>Oil and Gas Production</b>	387,525	116,799	122,987	123,905
<b>Other Combustion Source</b>	56,496	113,552	36,170	110,291
<b>Refinery</b>	16,266	23,277	15,218	0
<b>TOTAL</b>	<b>492,628</b>	<b>267,207</b>	<b>189,688</b>	<b>234,196</b>

Source: CA Air Resources Board

# Local Actions on Oil and Gas

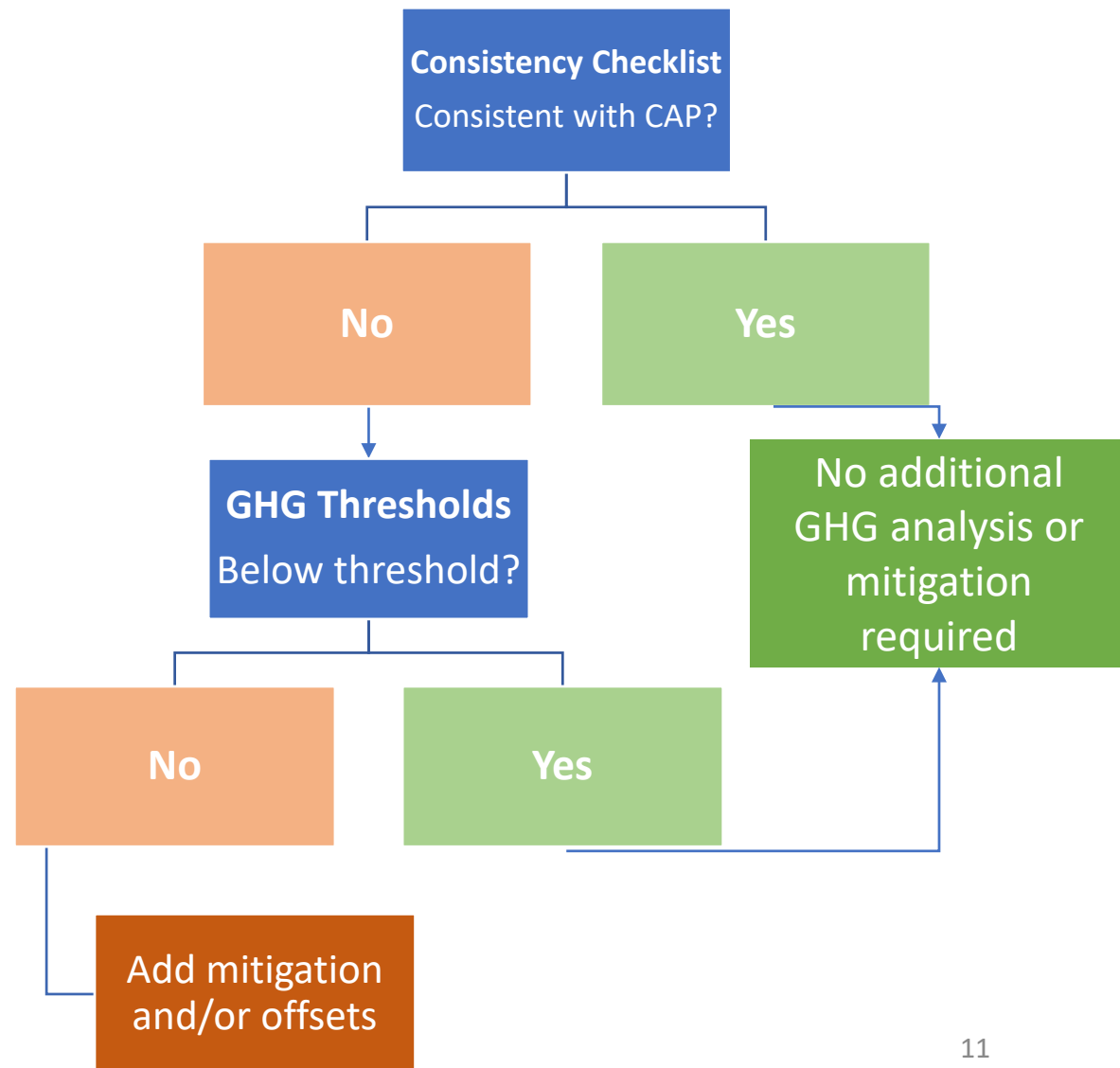
- Environmental groups contend the County's GHG inventory and CAP would be insufficient if oil and gas operations are omitted
- Currently oil and gas projects must conduct their own CEQA analysis and mitigation
  - Provides more discretion over application, GHG analysis and mitigation measures

Staff recommends Board direct CSD staff to:

1. Identify viable measures to reduce emissions from oil and gas extraction and processing;
2. Return to the Board for consideration of such measures

# GHG Thresholds & Consistency Checklist

- **GHG Thresholds of Significance** and **CAP Consistency Checklist** are tools to analyze the GHG emissions impacts of new development projects
  - Can streamline project review if found consistent
  - Can reduce time and costs to project developers



# GHG Thresholds & Consistency Checklist

- In 2021, Board adopted interim GHG emissions thresholds for all non-industrial projects
- Final GHG emissions thresholds for non-industrial projects have been prepared as part of the 2030 CAP
  - Set at levels necessary to achieve emission reduction targets and are lower than the current interim threshold

GHG Emissions Thresholds (Non-stationary source)		
Existing (Interim) Threshold	Proposed Thresholds	
3.8 MT CO <sub>2</sub> e per service person <sup>1</sup>	Residential:	2.68 MT CO <sub>2</sub> e per resident
	Non-Residential:	2.63 MT CO <sub>2</sub> e per employee
	Mixed-Use:	2.67 MT CO <sub>2</sub> e per service person <sup>1</sup>
Note: MT CO <sub>2</sub> e = metric tons of carbon dioxide equivalents <sup>1</sup> Service person means resident of a residential land use or employee of a non-residential land use		

# Comprehensive Plan Amendment

- Amend Energy Element Policy 8.3 and Research Action 8.3.1 to reference and be consistent with the 2030 CAP goals and GHG emissions reduction targets, rather than the 2015 ECAP

# Board Actions

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# Thank you

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