



# ENERGY AND CLIMATE ACTION PLAN (ECAP)

LONG RANGE PLANNING  
DIVISION

SANTA BARBARA COUNTY  
MAY 19, 2015

# Project Background

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**BOS Resolution 09-059**

**Planning and  
Development**

**General Services**

**Climate Action  
Strategy**

**Sustainability  
Action Plan**

**Phase I – Climate  
Action Study**

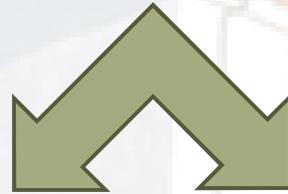
**Phase II – ECAP**

**Energy Action Plan**

# ECAP Relationship to GHG Thresholds

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**CEQA Requires Analysis of Greenhouse Gas Emissions**



**ECAP (GHG Reduction Plan)**

**County Stationary Source GHG Threshold**

**Programmatic Review**

**Project-Specific Review (Stationary Industrial Sources)**

**ECAP Consistency Checklist**

**Mitigate Below Threshold**

# Public Participation

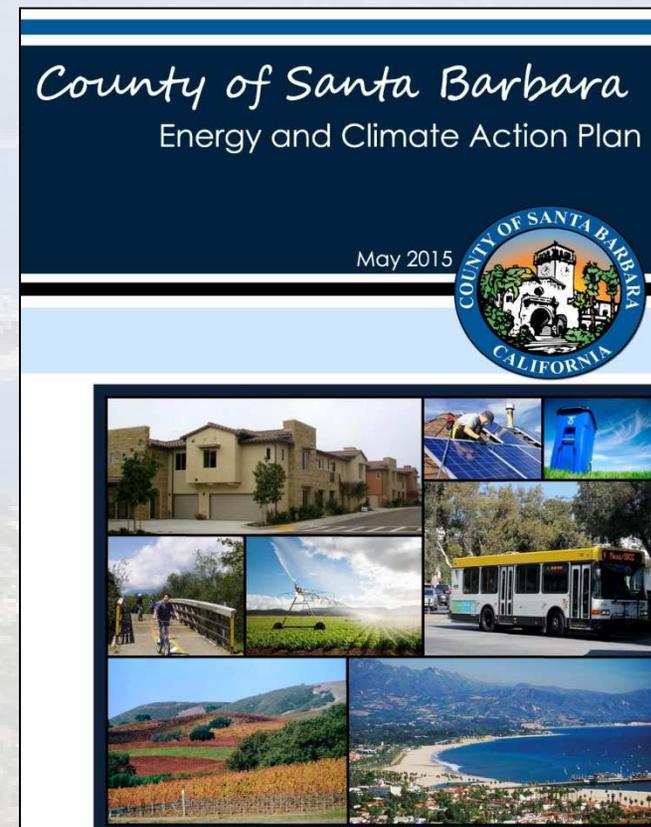
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- Community visioning workshop
- Santa Barbara Earth Day Festival
- Stakeholder meetings
- Online survey

# ECAP Overview

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- ▶ Applies to Unincorporated County
- ▶ Does not include Stationary Industrial Sources
- ▶ Emission reduction measures
  - ▶ Combination of mandatory, phased, and voluntary
- ▶ In 2013, BOS selected a 15% GHG reduction target



# ECAP Overview

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- Sustainability Action Plan
- Energy Action Plan
- Bicycle Master Plan
- Street Tree Policy
- emPower's Energy Coach program
- Green Business Program
- Smart Build Santa Barbara
- Resource Recovery Project
  - (Material Recovery Facility at Tagijuas Landfill)
- Carl Moyer Program
  - (funding for cleaner engines)

# Measure Topics

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# Community Co-Benefits

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- Improves Public Health
- Increases Mobility
- Supports Local Economy/ Jobs
- CEQA Tiering/Streamlining



# Planning Commission Hearings

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- Focus on incentive/education-based measures
  
- Concern over mandatory measures:
  - Energy audit at point of sale
  - Building permit audits/thresholds

# Plan Updates

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- Input from Stakeholders
  - ▣ Met with Santa Barbara Association of Realtors
  - ▣ Obtained input from local bldg./construction firms
  - ▣ Collaborated with County departments
  
- Revised the GHG forecast
  - ▣ Incorporated Government Operations measures
  - ▣ Accounted for State activities

# Proposed Final ECAP

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- Maximizes County's existing programs and policies
- Fewer mandatory, mostly voluntary, educational and incentive-based measures
  - Removes point of sale energy audit
  - Educational energy checklists for residential building permits
- The ECAP calculates GHG reduction at 16.8%

# Measure – BE 2

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## Current Measure

- Educational energy checklists for residential building permits

## Measure at time of Planning Commission Hearing

- \$10K building permit threshold for energy audits

### Measure BE 2

#### 2020 GHG Reduction

15,480

#### 2035 GHG Reduction

32,460

#### Responsible Department(s)

Planning and Development  
Community Services

#### Co-Benefits



# Measure – BE 4

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## Current Measure

- ❑ Removes energy audits at Point of Sale; educational

## Measure at time of Planning Commission Hearing

- ❑ Energy audits at Point of Sale

### Measure BE 4

#### 2020 GHG Reduction

20,670

#### 2035 GHG Reduction

35,790

#### Responsible Department(s)

Planning and Development

Community Services

#### Co-Benefits



# Measures – T 3/ RE 1

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- **T 3/RE 1** – Proposed ordinance to require **new** dwelling units to be built solar and electric vehicle ready

## Measure T 3

2020 GHG Reduction  
1,670

2035 GHG Reduction  
3,650

Responsible Department(s)  
Planning and Development

### Co-Benefits



## Measure RE 1

2020 GHG Reduction  
1,660

2035 GHG Reduction  
4,790

Responsible Department(s)  
Community Services  
Planning and Development

### Co-Benefits



# Measure – WR 2

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- **WR 2** – Encourages increased recycling and implementation of the Resource Recovery Project

## Measure WR 2

### 2020 GHG Reduction

16,360

### 2035 GHG Reduction

27,150

### Responsible Department(s)

Public Works  
Planning and Development  
Community Services

### Co-Benefits



# Community Choice Aggregation

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- CCA
  - ▣ Local government energy purveyor
  - ▣ Purchase energy from low GHG sources
  - ▣ Potential for reduced utility bills
  
- If CCA were enacted locally it would contribute to the County's reduction goal and provide additional flexibility
  - ▣ 19.17% total reduction from ECAP including CCA
  - ▣ An additional 2.4 percentage points

# Environmental Review

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- Prepared Final EIR
- Less than significant, Class III impacts
- Included ECAP revisions since the PC hearings
- Certification of the Final EIR will allow CEQA Tiering

# ECAP Implementation

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- Monitoring and reporting
- Development Application/Building Permit
- Ordinances
- Education and outreach
- Plan update

# Resource Requirements

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- Sustainability Coordinator Position
  - CSD requested \$150K for 1 FTE
  
- LRP's approved work program includes staff time to work on ECAP implementation
  
- \$25K to \$35K in consultant costs will be required in 2017 to update the GHG inventory

# 2020 and Beyond

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- Governor Brown's Executive Order: the state must cut GHG to 40% below 1990 levels by the year 2030
- Monitoring and updates at least every five years

# Recommended Actions

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- Make the required findings for the ECAP;
- Certify the Energy and Climate Action Plan Final Environmental Impact Report;
- Adopt the ECAP;
- Adopt a Resolution amending the Energy Element of the Comprehensive Plan; and
- Introduce the first reading of an Ordinance to promote solar and electric vehicle ready construction, and continue to 6/2 for adoption of the ordinance.



**Thank You**