THE EL CERRITO CLIMATE ACTION PLAN

Community Workshop #2
November 13, 2010
THE EL CERRITO CLIMATE ACTION PLAN

Contacts

Maria Sanders
El Cerrito Environmental Services Division
10890 San Pablo Ave
El Cerrito, CA 94530
510-215-4361

msanders@ci.el-cerrito.ca.us
www.el-cerrito.org/esd
WHY A CLIMATE ACTION PLAN?

- Council Commitment
- Threats Posed by Global Warming
- Many Benefits of Taking Action
THE EL CERRITO CLIMATE ACTION PLAN

Process

• What We Have Done
  • Research and Analysis
    o State and Regional Legal Context
    o Local Threats from Climate Change
    o Benefits of Taking Action
    o Validated Baseline GHG Inventory
    o Developed Growth Projections
    o Investigating and Quantifying Potential Strategies
  • Public Presentations
    o Documents Available on City Website
      www.elcerrito.org/esd/energyandclimate.html
    o City Council Progress Update – Sept 20
    o EQC Meeting: GHG Inventory, AB 32 Targets - Sept 28
THE EL CERRITO CLIMATE ACTION PLAN

Process

○ Coming Milestones
  • Community Workshops – GHG Reduction Strategies
    ○ Tuesday, October 26; 5 pm to 7 pm - General
    ○ Saturday, November 13; 10 am to noon - Transportation
    ○ Thursday, December 2; 7 pm to 9 pm - Energy
  • Speakers’ Bureau – On-going
  • Climate Action Survey – Close December 15
  • Reduction Target - Adopted by Council in Jan 2011
  • Draft Plan:
    ○ Begin Circulating Draft Plan – Early spring 2011
    ○ Community Meetings on Draft Plan – Late spring
  • Plan Adoption: -- Summer 2011
THE EL CERRITO CLIMATE ACTION PLAN

PURPOSE & SCOPE

Purpose
- To provide a roadmap for pursuing community-wide and municipal reductions in Green House Gas (GHG) emissions
- To inspire municipal and community climate protection
- Help streamline GHG analysis for developments undergoing CEQA review

Scope
- GHGs from Municipal Operations
- GHGs from Community-Wide
THE EL CERRITO CLIMATE ACTION PLAN

REDUCTION TARGETS

- **Reduction Targets**
  - AB 32 recommends local government reduction target
  - 15% below “current” (2005 is good baseline) by 2020

- **Planning Horizons**
  - Baseline 2005
  - 1st Target Year 2020
  - 2nd Target Date 2035
THE EL CERRITO CLIMATE ACTION PLAN

El Cerrito’s GHG Emissions

- What’s Counted in the Inventory
  - Activities over which local government has some type of influence
  - Activities that are reliably measured over time

- What’s Not Counted
  - Consumer Goods: Upstream Emissions
  - Food: Upstream Emissions
  - Air Travel
  - Travel beyond Contra Costa County
THE EL CERRITO CLIMATE ACTION PLAN

BASELINE INVENTORY

El Cerrito Community GHG Emissions (2005 Baseline Inventory)

- Water Use & Treatment: 0.4%
- Commercial Energy Use: 15.2%
- Residential Energy Use: 28.4%
- Transportation: 51.0%
- Landfill Waste: 5.0%
THE EL CERRITO CLIMATE ACTION PLAN
2005 Baseline Inventory - Detail

1. Auto Traffic (Local Streets) 25.3%
2. Residential Natural Gas 20.1%
3. Auto Traffic (% of County Hwys) 16.5%
4. Commercial Natural Gas 3.5%
5. Commercial Electricity 11.7%
6. Waste in Landfill 5.0%
7. Residential Electricity 8.3%
8. Water Use & Treatment 0.4%
9. Auto Traffic (San Pablo Ave) 9.2%
GHG Emissions Scenarios 2005-2035

- Business-As-Usual Scenario
- California State Initiatives Scenario Reduction
- Reduction Target (15% below 2005)
THE EL CERRITO CLIMATE ACTION PLAN

Transportation Reduction Target

- **15% Reduction in Transportation Emissions**
  - 1,000 less car miles per person per year
  - Equal to 19 miles per week per person
THE EL CERRITO CLIMATE ACTION PLAN

Municipal Actions

- **Municipal Operations Climate Action Plan**
  - Clean and Efficient Fleets
  - Employee Trip Reduction Strategies
  - Clean Energy & Energy Efficiency Measures
  - Environmentally Preferred Procurement
  - Municipal Green Building Policies & Projects
  - Urban Greening
    - Urban Forest
    - Bay-Friendly Landscaping
THE EL CERRITO CLIMATE ACTION PLAN

Community Strategies

○ Community-Wide Climate Action Strategies
  • Land Use & Transportation – Livable Communities
  • Building Energy Use – Greater Energy Independence
  • Waste – Less Waste, More Fun
  • Personal and Community Action
THE EL CERRITO CLIMATE ACTION PLAN

Transit-Oriented Development

- Land use policies that set the stage for higher density, mixed-use, transit-oriented development
  - El Cerrito General Plan
  - San Pablo Ave Specific Plan
  - Regional Priority Development Area

- Market Forces
THE EL CERRITO CLIMATE ACTION PLAN

Walkable Communities

- Existing policies and projects that create **walkable** communities
  - Bike/Ped Plan
  - San Pablo Ave Street Improvements
  - Ohlone Greenway Master Plan
THE EL CERRITO CLIMATE ACTION PLAN

Trip Reduction Strategies

- Regional Incentives
  - Spare the Air Day
  - 511ContraCosta.org
  - GreenTrips Building Certification Program
  - Bike to Work Day

- Is this enough?
- Can we do more?
  - Business Strategies?
  - El Cerrito Challenges?
Survey Results!

○ Concern about climate change
  - 75% strongly agree it’s an urgent issue; 16% somewhat agree
  - 9% don’t agree or don’t know

○ Transportation Habits
  - Average work commute is **19.5** miles per day
  - 56% of us **commute by car** by ourselves an average of 70% of the time
    - 34% take BART an average of 56% of the time
  - 93% of us do our errands by car 80% of the time
    - 47% of us walk to do our errands 27% of the time
    - 18% of us bike to do our errands 18% of the time
  - LIVING CLOSE TO SERVICES
  - 29% of us live within easy walking distance of services
    - Another 25% live about 15 minutes away from services
THE EL CERRITO CLIMATE ACTION PLAN
Questions? Comments?

Maria Sanders
El Cerrito Environmental Services Division
10890 San Pablo Ave
El Cerrito, CA 94530
510-215-4361

msanders@ci.el-cerrito.ca.us
www.el-cerrito.org/esd