

# *City of Stockton Green Initiatives*

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**Council Member**

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# *City Council 2008 Vision*

Stockton will be a vibrant, diverse city with a high percentage of educated and upwardly mobile citizens who are engaged in civic life. Stockton will increase its economic base and advance to the cutting edge of consuming and producing green technology. Stockton will be defined with a proactive philosophy where safety and quality of life are enhanced throughout the community.

# *U.S. Mayors Climate Protection Agreement*



- Cities that sign the agreement must commit to reduce climate change.
- Stockton's Mayor Chavez signed the Agreement in 2006.
- Mayor Chavez was one of the first Mayors in the Central Valley to sign this agreement.
- To date, 1000 Mayors have signed the Agreement.

# *Strategic Focus For Economic Development*

- City Staff
- Partnership
- Chamber
- Work Net
- Port of Stockton
- Educational

# *Name it and it will be?*

Stockton is rapidly becoming the community of choice for companies looking for an area to move or expand industries related to renewable energy. The Port of Stockton is one of the largest receivers of wind turbines in the world. Stockton's rail capacity makes distribution from the Port seamless. The sun and wind potential in Stockton is among some of the best in the country and with 2000 acres available, the Port is already home to biodiesel and ethanol plants. The City of Stockton and the Port have worked in partnership to focus resources on developing green sustainable industry. The City of Stockton has been leading the way with their own policies for supporting green and renewable technologies.

Stockton is working with local educational institutions from High School, community college and four year Universities to educate the workforce for the booming renewable energy industry.

# *Use Lower Carbon Fuels*

- Administrative directive requiring all new city passenger vehicles to be hybrid vehicles
- 100% of our diesel vehicles are using B20
- Air compressors, brush chippers and park mowers on B20



# *Buy Green Products and Services*

- 2007 New Environmentally Preferable Procurement Policy adopted
  - use and require of its contractors and consultants to use, environmentally preferable products with the maximum amount of recoverable materials



# *Reduce Waste and Promote Recycling*

- Municipal Code requires that all new construction and demolition projects must recycle at least 50% of materials generated
- Most recent reports put us at 67% diversion rate to our land fill
- Multifamily residential program
- Solid Food waste program
- Commercial program



# *Non Potable Water System*

- Required of all new development
  - Reduces demand on drinking water
  - Reduces wastewater discharge

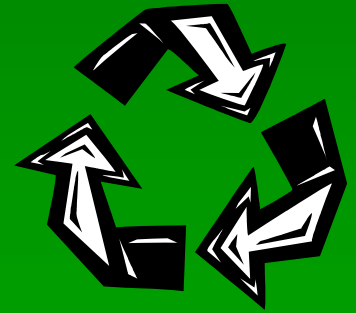


# *Trip Reduction (VMT)*

- Began in 1995
- Car Pool
- Discounted public transportation
- 2010 Modified Work Week

# *International Council for Local Environmental Initiatives (ICLEI)*

- In January 2008, the City Council joined ICLEI and the Cities for Climate Protection Campaign.
- Since then the City has:
  - Conducted an emissions inventory
    - Using 2005 as baseline
    - Gathering data for city facilities and the community
  - Adopted an interim emissions reduction target
    - City will reduce emissions to 1990 levels by 2020 (In line with State Goal – AB 32)
  - Draft and Implement an Climate Action Plan (CAP)
    - City currently reviewing possible consultants for CAP



# *Municipal Green Buildings*



- all new city buildings over 10,000 square feet to achieve at least LEED silver certification
- All new city buildings over 5,000 square feet to achieve at least LEED certification
- All renovations and new city buildings under 5,000 square feet to incorporate as many LEED principles as possible
- In the pipeline, new fire station and water treatment plant will be at least LEED Silver certified

# *Energy Efficiency Initiatives for Municipal Buildings*

- July 2008, created a vendor pool of contractors that can:
  - implement energy efficiency measures such as lighting retrofits and heating and air conditioning equipment through Performance Contracts
    - Johnson & Controls, Siemens & Chevron
  - install solar photovoltaic systems on City property through a long term Power Purchase Agreement
    - City staff working with Pacific Power Management to identify potential sites

# *2009 – Department of Energy Grant*

- Used to fund energy efficiency projects for City buildings, Climate Action Plan and Green Building Program, energy efficient appliance for homes rehabilitated under the Neighborhood Stabilization Program, Business recycling programs, and Streetlight retrofits (LED's) and Multi-family recycling programs.

# *Trip Reduction (VMT)*

- Began in 1995
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# *New City Hall*

- By utilizing green technology, IT will consume less than  $\frac{1}{2}$  of the power currently consumed and will run more efficiently.
- Conservative estimate: Return on investment within 7 years through estimated annual energy consumption savings.



# *Green Buildings*



- City developing Green Building Ordinance
  - Commercial & Industrial
    - LEED Certified if over 5,000 ft<sup>2</sup>
    - LEED Silver if over 20,000 ft<sup>2</sup>
  - Residential
    - Minimum 65 Points GreenPoint Checklist Score.
  - Mixed-Use Projects
    - Variable – Depends on major use of the building
  - Additions
    - Non-Residential - Only if over 5,000 ft<sup>2</sup>
    - Residential – Only if over 500 ft<sup>2</sup>



# *Non Residential LEED Certified Buildings*

- 4 Government
- 4 Commercial
- 1 University building
- In the pipeline
  - LEED for Homes 46 unit affordable housing complex (also a CEC solar home project)
  - LEED Platinum medical office building
  - LEED Silver grocery store



# *2035 General Plan*

- Promote village/mixed use concept: reduces traffic to other areas of town and creates a pedestrian and bike friendly environment
- Promote high residential infill and transit oriented development
- Promotion of green
- building requirements



# *AG Settlement*

- Climate Action Plan
  - City evaluating potential consultants for development of Climate Action Plan
- Green Building Ordinance
  - City finalizing with help from Climate Action Plan Committee
- Transit Gap Study
  - City worked with SJRTD to complete study. Results will be used when developing Climate Action Plan
- Support Downtown Development
- Edge and Downtown grow together
- Monitor VMT

I thank you and join you in  
creating a more green  
and healthy community