DRAFT Green Vision Goals for 2040

October 19, 2009 Task Force Meeting

San Jose's adopted Green Vision includes 10 goals to be achieved by the City through the year 2022. One of these goals specifically addresses the General Plan Update process:

> **Goal 7: Adopt a General Plan with measurable standards for sustainable development.** The community-based General Plan Update, currently underway, provides an opportunity to establish sustainability goals beyond the 15 year Green Vision. The Envision San Jose 2040 General Plan will be a blueprint for the future of the city, identifying land uses, transportation systems and connections, open space, natural resource protections, etc. The Plan will also address the provision of critical services, such as police and fire protection, parks, etc., to ensure a balanced and well-functioning city. This Plan builds on prior efforts by exploring opportunities for residents and employees to walk or bicycle to retail, entertainment venues, parks, and schools throughout the city. The General Plan Update, Envision San Jose 2040, will include clear and measurable standards for sustainable development.

Accordingly, the Envision process should consider: 1) "measurable standards for sustainable development" and 2) sustainability goals for San Jose that extend to 2040. Because the current Green Vision goals address a wide variety of General Plan topic areas, measurable standards and goals developed for the Envision process will be incorporated into goal, policy and action sections throughout the General Plan text. The following draft Green Vision goals and measurable standards are proposed to be included within the appropriate General Plan goals, policies and actions as a means of advancing the City's Green Vision through the Envision 2040 timeframe. For each topic, the City's current Green Vision goal is listed along with the proposed 2040 goal.

Proposed Green Vision Goals for 2040 by Topic:

Clean Tech

Green Vision Goals:

- Establish 25,000 Clean Tech jobs by 2022.

Envision San José Goal:

- Provide for the creation of 50,000 new Clean Tech jobs by 2040.
- Provide (TBD) acres of land suitable for the development of light or heavy industry type Clean Tech jobs.

Note: 50,000 jobs is approximately 7% of the total number of jobs projected for 2040 using the Association of Bay Area Governments (ABAG) methodology which generally aligns with the amount of jobs under consideration in Land Use Study scenarios 1-3. The current goal, 25,000 Clean Tech jobs, is approximately 4% of the City's total jobs projected for 2020. The specific acreage goal for light and heavy industry Clean Tech job capacity will be determined to align with the Preferred Land Use Scenario, but is estimated to be between 700 and 1,000 acres.

Energy

Green Vision Goals:

- Reduce per capita energy use by 50% of 2008 levels (provide 2008 level) by 2022.
- Receive 100% of our electrical power from clean renewable sources.
- Replace 100% of our streetlights with smart, zero emission lighting.

Envision San José Goal:

- Maintain net aggregate energy consumption levels equivalent to 2022 (Green Vision) level.
- Continue to receive 100% of electrical power from clean renewable sources.

Green Building

Green Vision Goals:

- Build or retrofit 50 million square feet of Green building by 2022.

Envision San José Goals:

- Build or retrofit an additional 50 million square feet for a total of 100 million square feet of green building by 2040.

Greenhouse Gas Emissions

Green Vision Goals:

- Achievement of multiple Green Vision Goals result in the reduction of Greenhouse Gas emissions.

Envision San José Goals:

- Reduce total Greenhouse Gas Emission in San José from 2005 levels: 20% by 2020, 35% by 2030 and 65% by 2040.

Note: Goals, policies and actions incorporated throughout the General Plan provide for a reduction of the City's green house gas emissions. These policies will be referenced and further analyzed in the City's Climate Action Plan to be prepared concurrently with the General Plan Update.

Land Use

Green Vision Goals:

- Adopt a General Plan with measurable standards for sustainable development.

Envision San José Goal:

- Reduce PMT (People Miles Traveled regardless of mode) per capita by TBD% through improved access to services and urban design measures.
- Increase to TBD% of jobs and TBD% of population located within ½ mile of transit.
- Increase access so that TBD% of population is within ½ mile of schools, parks, and retail services including grocery stores and restaurants.

Note: The specific targets for this section will be determined as part of the selection of a Preferred Land Use Scenario. Multiple performance measure standards are being incorporated within the General Plan that will address the comprehensive goal for a measurable General Plan.

Transportation

Green Vision Goals:

- 100% of public fleet runs on alternative fuels by 2022.
- Create 100 miles of interconnected trails.

Envision San José Goal:

- Reduce VMT per capita by TBD% by 2040
- Create 500 miles of bikeways and interconnected trails in combination.
- Increase non-single occupant automobile mode share (including targets for transit, bicycle, walk, and carpool mode shares to be determined based upon preferred land use scenario and proposed transportation policies) for commute to work to TBD%.

Note: Specific targets will be determined based upon selection of a Preferred Land Use scenario, selected transportation policies and traffic modeling results.

Urban Forest

Green Vision Goals:

- Plant 100,000 new trees by 2022.

Envision San José Goal:

- Plant an additional 150,000 trees between 2020 and 2040.

Water

Green Vision Goals:

- Recycle or beneficially reuse 100% of wastewater.

Envision San José Goal:

- Increase San José's water conservation savings by 250% to achieve half of the annual countywide savings goal.
- Reduce potable water consumption to 85 gallons per day per capita.

Zero Waste

Green Vision Goals:

- Divert 100% of the waste from our landfill by 2022 and convert waste to energy.

Envision San José Goal:

- Continue to divert 100% of the waste from our landfill and convert waste to energy.