

Lake Oswego City Sustainability

Program Overview
City Council Presentation
May 1, 2007



Background

What is sustainability?

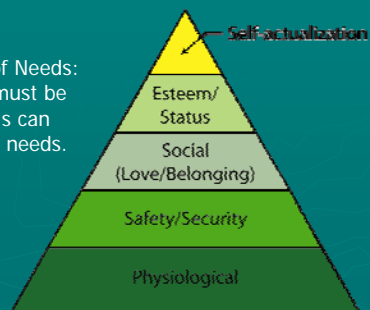
- ▶ International, state and local movements working toward creating a more sustainable future.
- ▶ Sustainability is a matter of meeting the vital human needs of the present without compromising our ability to meet future needs.

- Adapted from the UN World Commission on Environment and Development (aka the Brundtland Commission)

Background

What is sustainability?

Maslow's Hierarchy of Needs:
Basic human needs must be met before individuals can strive to meet higher needs.



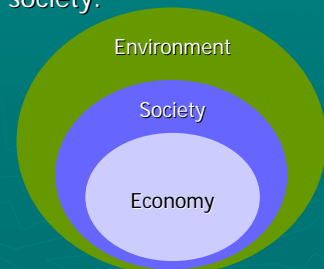
Background

What is sustainability?

- ▶ Sustainability involves the economy, ecosystems, and society.

Completely linked
and interdependent

- Adapted from *The Good Company*



Background

What is sustainability?

- ▶ Sustainability requires consideration of both long-term and short-term effects in our decision-making.
- ▶ Operating sustainably means that we are leaving a legacy for the community of Lake Oswego and the planet.



Background

What is sustainability?

- ▶ Green vs. Sustainable

Green

- Detail focused
- Tactical
- Ecological
- Lacks common definition of success

Sustainable

- Whole systems focus
- Strategic
- Triple bottom line
- Capable of defining success

- Adapted from Oregon Natural Step Network

Sustainability in Lake Oswego

- ▶ The City recognizes that local government plays a vital role in fostering sustainability
- ▶ City Council has had goals related to sustainability since 2002
- ▶ Committed to adopting, implementing, and maintaining sustainable practices

What's Happened

Sustainability Plan for City Hall drafted in 2003:

- ▶ Some recommendations carried forward, others not
- ▶ City Hall to serve as a model for sustainable practices
- ▶ Apply basic ideas to other City facilities / properties



Council Goals

2006-2007 Council Goals:

- ▶ Pursue LEED certification in plans for Community Center ✓ *In progress*



- ▶ Develop Surface Water Master Plan ✓ *In progress*
- ▶ Consider phosphorus free fertilizer program ✓ *In progress*

Council Goals

2006-2007 Council Goals:

- ▶ Develop food waste composting program at Adult Community Center ✓ *In progress*
- ▶ Address ordinance on lighting standards – “dark sky” ✓ *In progress*



Council Goals

2006-2007 Council Goals:

- ▶ Explore car sharing ✓ *In progress – feasibility study*
- ▶ Convert 20% of City fleet to biodiesel ✓ *Switched to B5, will evaluate move to B20*
- ▶ Consider deconstruction/ construction recycling ordinances



Current Projects / Programs

- ▶ Developed and maintain City sustainability web pages to share success stories and highlight existing information sources in one place



Current Projects / Programs

- ▶ Solid waste reduction and recycling
 - Work with Allied Waste to conduct waste audits at City facilities & participate in regional campaigns to provide information
 - Respond to staff requests for assistance to increase participation
 - Clackamas County staff conduct outreach to Lake Oswego businesses



Current Projects / Programs

- ▶ Commute Options
 - City reimburses 100% of employee transit cost
 - City employees participated in Bike Commute Challenge for first time
 - Working on creative solutions - beyond ECO compliance, e.g. incentives for other travel options; car sharing / vanpool



Current Projects / Programs

- ▶ Education and Information Sharing
 - Working with Chamber of Commerce and Clackamas County to highlight local businesses using sustainable practices
 - ▶ June 7 business breakfast & video



Current Projects / Programs

- ▶ Education and Information Sharing
 - Noon time presentations on sustainability topics
 - ▶ Staff group recently completed Global Warming discussion course
 - ▶ Upcoming presentations on "Global Warming – Threats and Solutions" by Jean Baumann, Lake Oswego resident trained by Al Gore
 - May 17 at noon, City Hall, Council Chamber



Current Projects / Programs

► Conservation of ecosystems

- Water Conservation and Management Plan
- Clean Streams surface water program
- Green streets demonstration projects
- City coordinated volunteer program to remove invasive species from natural areas and parks



Current Projects / Programs

► Elimination of toxins

- Interior building maintenance practices reduce the use of toxic substances
- Commute options program reduces GHG emissions
- Vehicle and equipment maintenance practices eliminate discharge of hazardous or toxic materials
- Parks maintenance practices lessen the need for pesticides, fertilizers & herbicides
- Streets and roadways maintenance practices keep pollutants from entering waterways



Current Projects / Programs

► Energy efficiency

- Water Treatment Plant purchases renewable energy and has increased efficiency
- Replaced incandescent bulbs in traffic signals with light emitting diode (LED) bulbs
- Upgraded heating and air conditioning controls at City Hall
- Hybrid vehicles purchased for City fleet



Current Projects / Programs

► Waste Prevention and Reduction

- Deconstructed two homes on properties purchased by the City for open space/parks
- Computers, office equipment, and furniture reused, auctioned, donated
- Recycled content supplies purchased
- Composting and recycling are made easy at the Farmer's Market
- Composting system for ACC in the works



Partnerships

- ▶ Community partners
 - Allied Waste of Lake Oswego
 - Clackamas County - Recycling Partnership, Coordinating Committee
 - Lake Oswego Chamber of Commerce
 - Metro
 - Oregon Energy Trust
 - Regional Partners for Economic Development
- ▶ Networking and educational opportunities
 - Cascadia Green Building Council
 - NW Earth Institute
 - Oregon Natural Step Network
 - UO Sustainability Leadership Program
 - Networking with public agency staff

Steering Committee

The staff steering committee is charged with:

- ▶ Creating an organized program to improve the sustainability of City government;
- ▶ Evaluating the current level of City sustainability policies, programs, and practices;
- ▶ Developing recommendations to improve those policies, goals, programs, and practices; and
- ▶ Establishing short-term and long-term procedures to keep the City moving toward meeting its sustainability goals.

Steering Committee

- ▶ Communities, agencies, businesses and other organizations have developed principles and goals to guide work:
 - City of Portland, Multnomah County, City of Santa Monica, Austin, TX
 - Fort Lewis, Metro
 - Nike, Herman Miller, Norm Thompson
- ▶ Sustainability is the journey towards those goals, not a specific end point.

Steering Committee

- ▶ Developing City Sustainability Action Plan:
 - Draft sustainable city vision and principles
 - Goals and prioritized actions in initial areas:
 - ▶ Water – conservation
 - ▶ Energy – greenhouse gas & air pollution reduction
 - ▶ Waste reduction and recycling
 - ▶ Procurement
 - Additional recommendations about:
 - ▶ Employee education and outreach
 - ▶ Future focus areas for steering committee

Next Steps

- ▶ Bring City Sustainability Action Plan to Council end of summer 2007
 - Current Council sustainability goal is to receive steering committee recommendation
- ▶ Continue to work on sustainability projects, as identified, prioritized, and funded

Future Steps

- ▶ Launch water conservation program
- ▶ Work with City Council and advisory board members to develop program that engages community stakeholders and promotes and moves us toward a sustainable Lake Oswego

Cities for Climate Protection Campaign

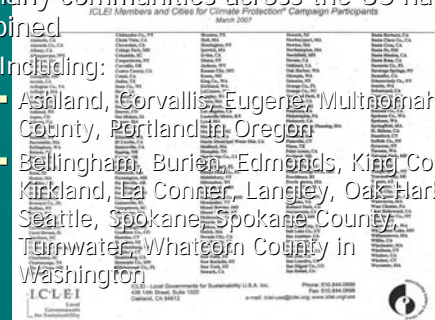
- ▶ Mayor Hammerstad signed the Mayor's Climate Protection Agreement in 2005
- ▶ Target is to reduce greenhouse gas emissions to 7% below 1990 levels by 2012 (Kyoto Protocol target)
- ▶ Campaign is an implementation tool for local governments working to meet the Mayor's Climate Protection Agreement

Cities for Climate Protection Campaign

- ▶ Many communities across the US have joined

Including:

- Ashland, Corvallis, Eugene, Multnomah County, Portland in Oregon
- Bellingham, Burien, Edmonds, King County, Kirkland, La Conner, Langley, Oak Harbor, Seattle, Spokane, Spokane County, Tumwater, Whatcom County in Washington



Cities for Climate Protection Campaign

- ▶ By joining, City agrees to undertake Campaign's five milestones:
 - Conduct a greenhouse gas emissions inventory and forecast to determine the source and quantity of greenhouse gas emissions;
 - Establish a greenhouse gas emissions reduction target;
 - Develop an action plan with both existing and future actions to meet the local greenhouse gas reduction target;
 - Implement the action plan; and
 - Monitor and report progress.

Cities for Climate Protection Campaign

- ▶ Resolution outlines the many and compelling reasons to take action to reduce greenhouse gas and air pollution emissions.
- ▶ By participating in this campaign, the City will receive tools, including tracking software, and technical and policy assistance, as well as networking opportunities.
- ▶ Initial focus will be on City operations as part of the work of the sustainability steering committee.

Cities for Climate Protection Campaign

- ▶ Recommendation – Approve Resolution 07-21 authorizing ICLEI membership and Cities for Climate Protection Campaign participation