

Environmental Stewardship Initiative Strategic Plan Update

Proposed Workplan

City Council Update



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Presentation Outline

1. Background and Context
2. Project Objectives
3. Summary of Approach
4. Scope of Plan
5. Timeline
6. Outreach and Engagement
7. Discussion



ESI Background

2007 - 2008

- Mayors Climate Protection Agreement
- GHG inventory
- ESI Started

2013

- Updated GHG Inventory
- ESI Strategic Plan, 2013-2018

2015 - 2018

- Green Power Challenge
- Solarize Bellevue
- Georgetown University Energy Prize
- Urban Smart Bellevue

2009-2012

- Stimulus funding projects
- Resource Conservation Manager

2014

- Comprehensive Plan Updates (2014-2015)
- Community Energy Programs
- Join K4C



City Council Vision Priorities 2018-2020

- Priority #11:
Review progress of ESI
and analyze additional
steps that the City may
take to achieve
environmental goals (e.g.,
tree canopy).



City Council Vision Priorities 2018-2020

BellevueWA.gov/CouncilVision



ECONOMIC DEVELOPMENT

- 1** Support and provide leadership in the Regional Economic Development Alliance to attract international and national business, and investment to the region. Leverage involvement to produce investment in Bellevue's identified growth corridor and near transit hubs.
- 2** Actively pursue business retention and growth at the local level, including diverse small, medium and large business with an emphasis on high-tech, tourism and international trade.



TRANSPORTATION AND MOBILITY

- 3** Continue to execute our transportation capital plans for future growth and mobility of the city. Use the funding provided by the Neighborhood Safety Connectivity and Congestion Levy to improve the safety, transportation and quality of life in neighborhoods.
- 4** Advocate with the state Department of Transportation and regional agencies for acceleration of the I-405 Corridor Program, completion of SR 520, including Bellevue projects (i.e. NE 6th, 124th NE Interchange, braided ramps, Coal Creek Parkway).
- 5** Continue to fund, design and build projects within the Downtown Transportation Plan, Wilburton Connection and BelRed.
- 6** Continue the oversight of light rail construction and ensure that we implement an effective strategy for construction mitigation for neighborhoods, traffic and business.



HIGH QUALITY BUILT AND NATURAL ENVIRONMENT

- 7** Execute Phase One of the Affordable Housing Strategy Implementation Program.
- 8** Complete construction of Phase One of Meydenbauer Bay Park by 2018 and the Downtown Park Gateway by the end of 2019, and synchronize with the Grand Connection as possible. Include celebration of the connection of downtown to the waterfront.
- 9** Advance implementation of the Smart City Strategy, including advanced transportation technology and autonomous, connected, electric and shared vehicle technologies.
- 10** Strategically implement the neighborhood planning process.
- 11** Review the progress of the Environmental Stewardship Initiative and analyze additional steps that the city may wish to take to achieve environmental goals (including tree canopy).
- 12** Update the Parks and Recreation Master Plan to include an analysis of the level of service for a growing population and the creation of a financial strategy for these services.
- 13** Following the staff report, determine whether to explore the possibility of a regional aquatic center in Bellevue.

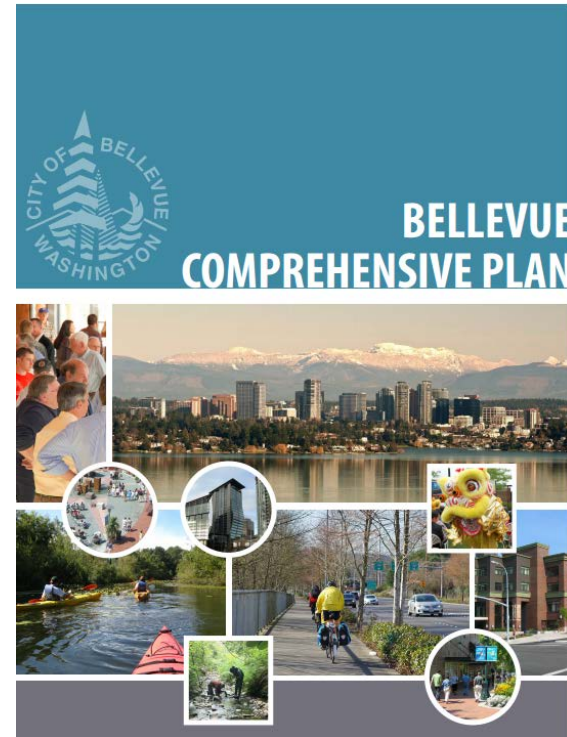


BELLEVUE: GREAT PLACES WHERE YOU WANT TO BE

- 14** Create a civic center plan integrating City Hall, the metro property, convention center expansion and the transit center.
- 15** Continue to advance the Grand Connection as the city's signature gathering place.

Policy Context

- Comprehensive Plan Environmental Element
 - Establish an achievable citywide greenhouse gas emissions target
 - 40% tree canopy goal
 - Green Building
 - Energy efficiency and renewable energy
- Mayor's Climate Protection Agreement
- King-County Cities Climate Collaboration Joint Commitments



2013-2018 ESI Strategic Plan Overview

Greenhouse Gas Emissions

Mobility & Land Use

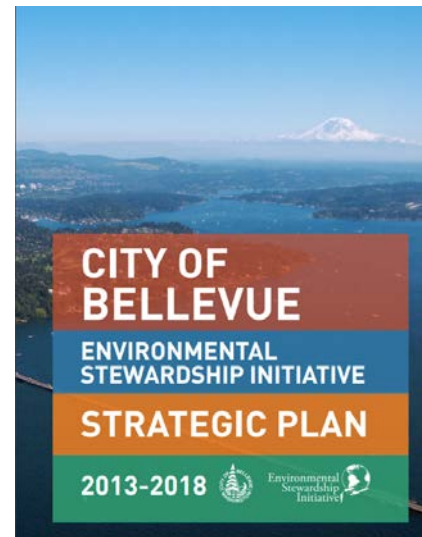
Energy & Water

Materials Management & Waste

Ecosystems & Open Spaces

Plan includes:

- 17 Sustainability Indicators
- 57 Actions

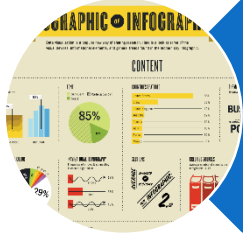


KEY PERFORMANCE INDICATORS
A Snapshot of Current Conditions

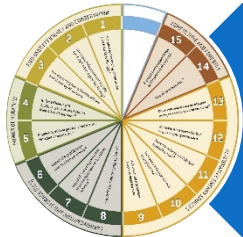
KPI PERFORMANCE INDICATOR	TARGET	2011	% REDUCTION NEEDED	TREND	STATUS
GREENHOUSE GAS EMISSIONS					
Greenhouse gas emissions (metric tons)	11,246	14,511	22%	Improving	
Greenhouse gas emissions (per capita)	1,236,253	1,571,500	21%	Steady state	
MOBILITY & LAND USE					
Peak CO2 emissions (metric tons)	2,498	3,315	24%	Improving	
Emissions from vehicle miles traveled (metric tons)	682,835	771,400	11%	Steady state	
Commuter trip reduction - Drive Alone Ratio (%) at large employers	50.0%	61.0%	11%	Mixed	Improving since 2008
ENERGY & WATER					
Emissions from kWh and therms (metric tons)	3,488	3,969	11%	Improving	
Emissions from kWh and therms (per capita)	610,735	874,400	30%	Mixed	Improving since 2008
Gallons of water used	Decrease	106,498		Mixed	
Gallons of water saved per day (average)	355,000	566,453	37%	Improving	
Renewable energy installed in Bellevue	Increase	123		Improving	
MATERIALS MANAGEMENT & WASTE					
Emissions from landfilled solid waste (metric tons)	117	96	22%	Steady state	
Emissions from landfilled solid waste (per capita)	7,378	8,200	10%	Improving	
% of solid waste recycled and landfilled	50.0%	42.3%	16%	Improving	
ECOSYSTEMS & OPEN SPACES					
Citywide tree cover (%)	42%	30%	11%	Declining	Declining since 2008
Stream habitat	Improve			Mixed	
Acres of open space and parks	Increase	7,931		Improving	
Public urban forests in class 1 and 2 condition (Class 1 is healthiest)	Transition 10 acres per year from Class 2 and 3 to Class 1 and 2 condition	72% of Class 1 and 2 condition		Improving	

*Percentage increase from 2011 actuals needed to reach target
*Reductions are based on Mayor's Climate Reduction Agreement and other City adopted targets.

Project Objectives



Review progress toward environmental goals

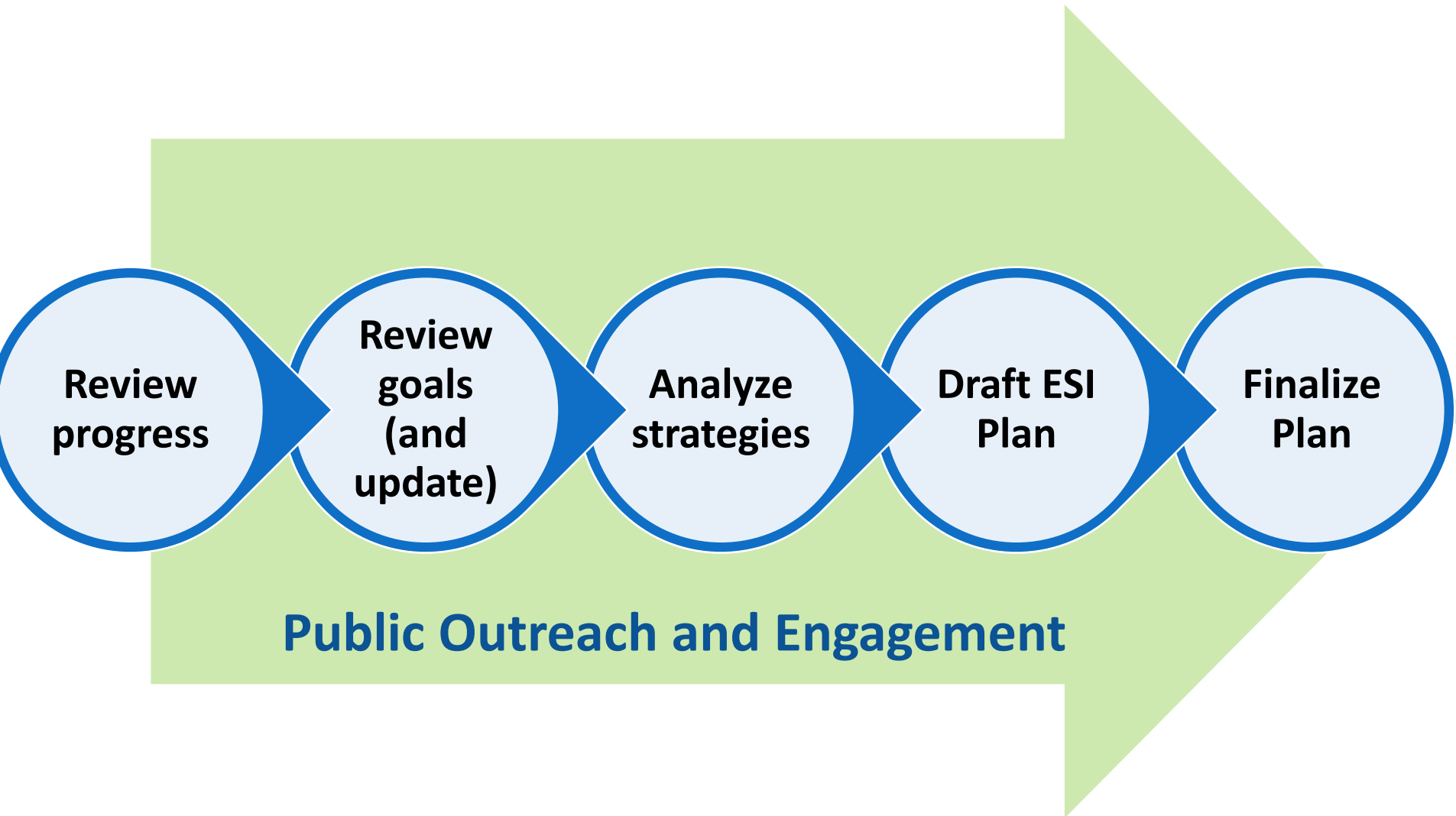


Analyze additional steps to achieve goals



Update ESI Strategic Plan

Approach



Scope

The scope of the updated ESI Strategic will be generally consistent with the current plan, and will cover the following topical areas:

**Climate Change &
Air Quality**

Mobility & Land Use

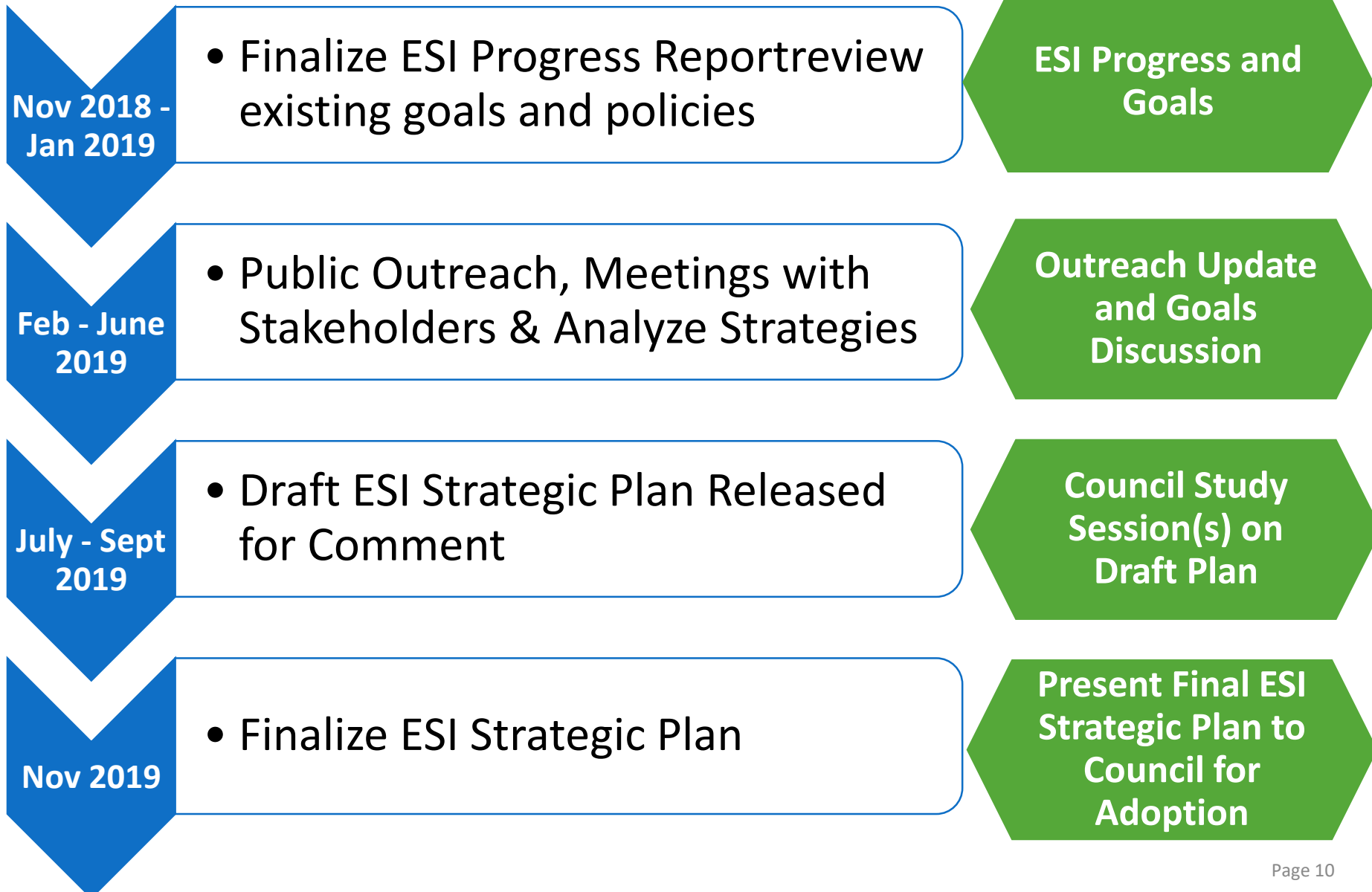
**Green Building, Energy &
Water**

**Materials Management
& Waste**

**Ecosystems & Open
Spaces**

Trees

Timeline



Outreach and Engagement



Discussion

