

STRATEGIES FOR RESTORING AND PROTECTING B-IBI WATERSHEDS

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Funded by EPA federal pass through funds via WA Dept. of Ecology as part of the PSP Action Agenda: Ecosystem Restoration and Protection Project



King County

Department of
Natural Resources and Parks
Water and Land Resources Division

Stakeholder Workshop, Seattle

May 12, 2015

Project Web Page:

<http://pugetsoundstreambenthos.org/Projects/Restoration-Priorities-2014.aspx>

Puget Sound Stream Benthos

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Restoration Priorities

Strategies for Preserving and Restoring Small Puget Sound Drainages

Background

In fall 2013 the King County Water and Land Resources Division finalized a two year interagency agreement with the Washington State Department of Ecology funded by Environmental Protection Agency pass through funds as part of the Puget Sound Action Agenda Ecosystem and Protection Project. The purpose of this project is to develop strategies and cost estimates for preserving all Puget Sound drainages with "excellent" benthic index of biotic integrity (B-IBI) scores, and for restoring 30 drainages from "fair" to "good" B-IBI scores, two Action Agenda ecosystem recovery targets. This project is intended to accomplish near-term actions from the 2012/2013 Action Agenda including C2.1 NTA2: managing urban runoff.

This project relies on data from the Puget Sound Benthic Index of Biotic Integrity (B-IBI) to be identified. A geographic information system (GIS) including land cover data is being developed.

King County staff will work with "fair" scores and stakeholders. Once identified, activities on a geographic information system (GIS) individual restoration projects.

King County will also purchase, conserve

Documents and Presentations

[B-IBI Restoration Decision Framework and Site Identification](#), Jo Wilhelm, Debra Bouchard, Chris Gregersen, Chris Knutson, Kate Macneale
Explain the criteria used for selecting and prioritizing "Fair" B-IBI sites for restoration actions and list the selected sites. This is step one of addressing the Puget Sound Partnership's B-IBI ecosystem recovery target to restore 30 B-IBI sites from "Fair" to "Good" B-IBI. The next step is to recommend restoration and conservation actions and estimate associated costs.

[Deliverable for Task 2: Geospatial Analysis](#), Chris Gregersen, Jo Wilhelm, Chris Knutson

[Quality Assurance Project Plan \(QAPP\)](#), Jo Wilhelm, Chris Gregersen

[Signed Interagency Agreement \(C1300210\)](#), WA Dept of Ecology, King County WLRD

[PNW Chapter of the Society for Freshwater Science](#) [\[show\]](#)

October 2014, Bellingham, WA

[King County Science Seminar](#) [\[show\]](#)

October 2014, Seattle, WA

Objectives



Top Objectives For Today:

- 🪳 Provide project status update
- 🪳 Get feedback on strategies for restoration



- 🪳 You can also send comments to:

Jo.Wilhelm@kingcounty.gov



B-IBI: PSP Vital Sign Indicator



PSP Ecosystem Recovery Targets

Freshwater Quality B-IBI Targets by 2020:

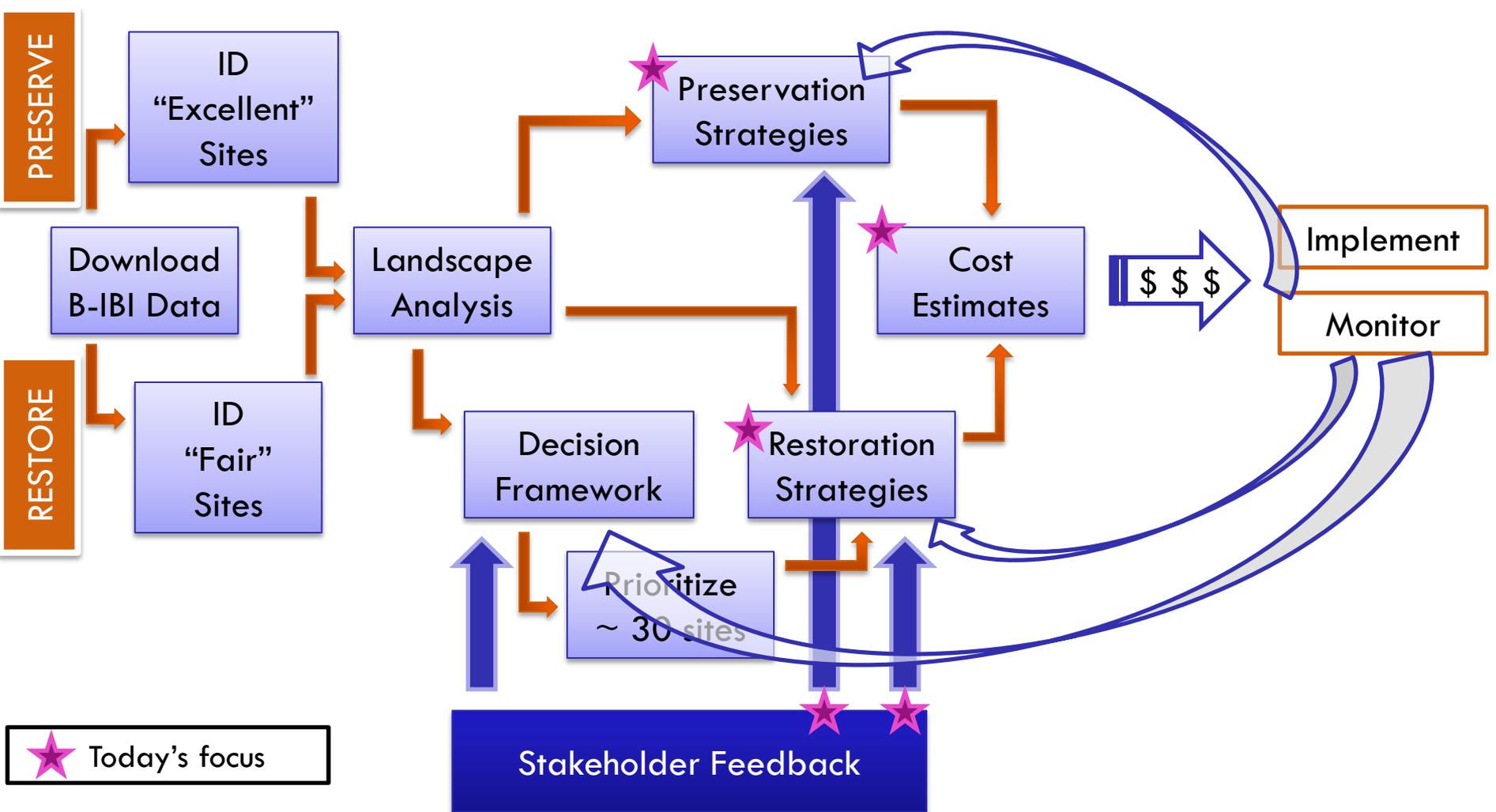
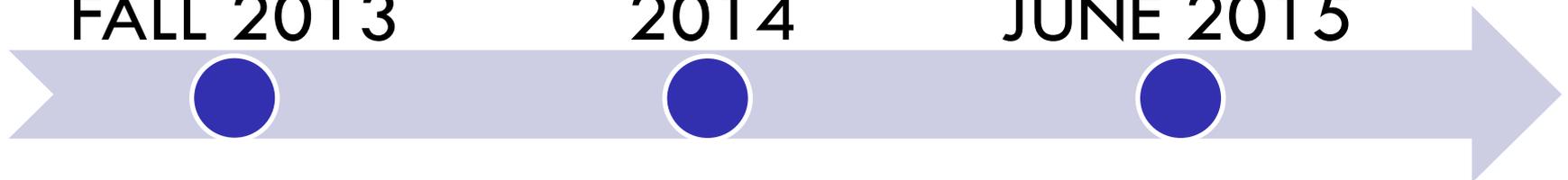
- PROTECTION - All stream drainage areas retain “excellent”
- RESTORATION - 30 basins improve from “fair” to “good”



FALL 2013

2014

JUNE 2015



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Pierce Co: Dan Wrye, Carla Vincent

PSP: Leska Fore, Bruce Wulkan, Todd Hass

Snohomish Co: Eric Blankenship, Steve Britsch, Frank Leonetti, Janell Majewski

Snoqualmie Tribe: Tim Miller

 Stakeholder Workgroup

Roundtable

 Quick Introductions

 One Person/Agency

 Connection to B-IBI/Restoration?

