

Chehalis Basin Strategy

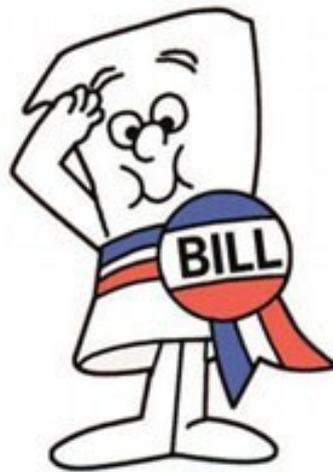


Presentation to the Chehalis River Basin Flood Authority
By Andrea McNamara Doyle, OCB Director
April 18, 2019

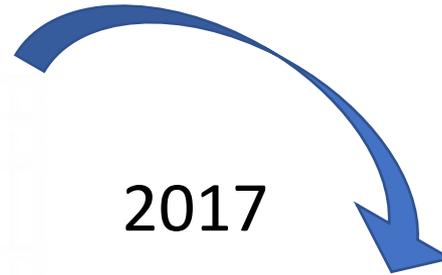
Office of Chehalis Basin's Origin Story



2016



2017



OCB'S LEGISLATIVE DIRECTIVE

To aggressively pursue an integrated strategy & funding for:

- long-term flood damage reduction
- aquatic species habitat restoration

CHEHALIS BASIN STRATEGY

“...must include a detailed set of actions to reduce flood damage and improve aquatic species habitat.”

“...must include an implementation schedule and quantified measures for evaluating the success of implementation.”

RCW 43.21A.732

Additional Legislative Direction

“The board is responsible for...developing biennial and supplemental budget recommendations to the governor.”

RCW 43.21A.731(6)

“For administrative purposes, the board is located within the department (of Ecology).”

RCW 43.21A.731(3)

CHEHALIS BASIN BOARD



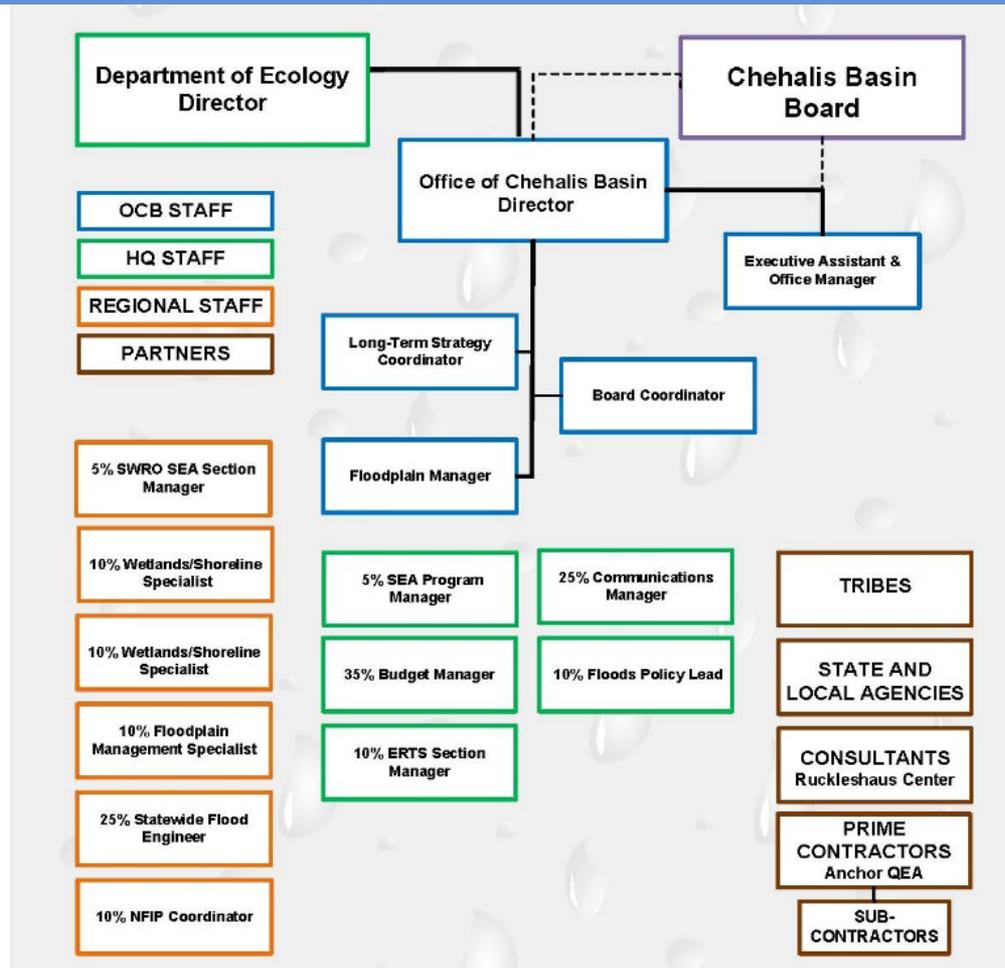
STATE OF WASHINGTON
OFFICE OF THE GOVERNOR



Chehalis Basin Board Members



OCB ORG CHART

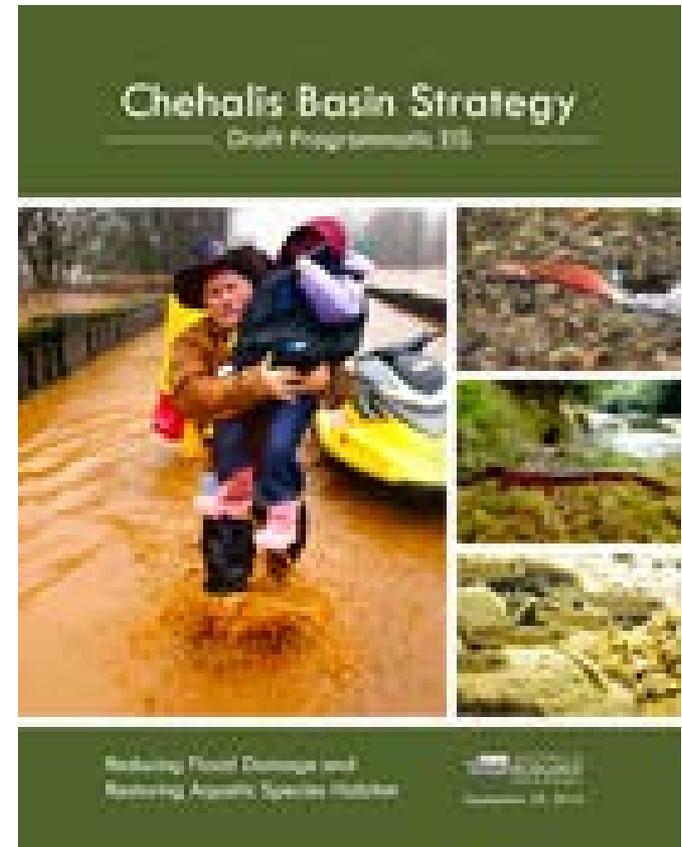


Programmatic EIS

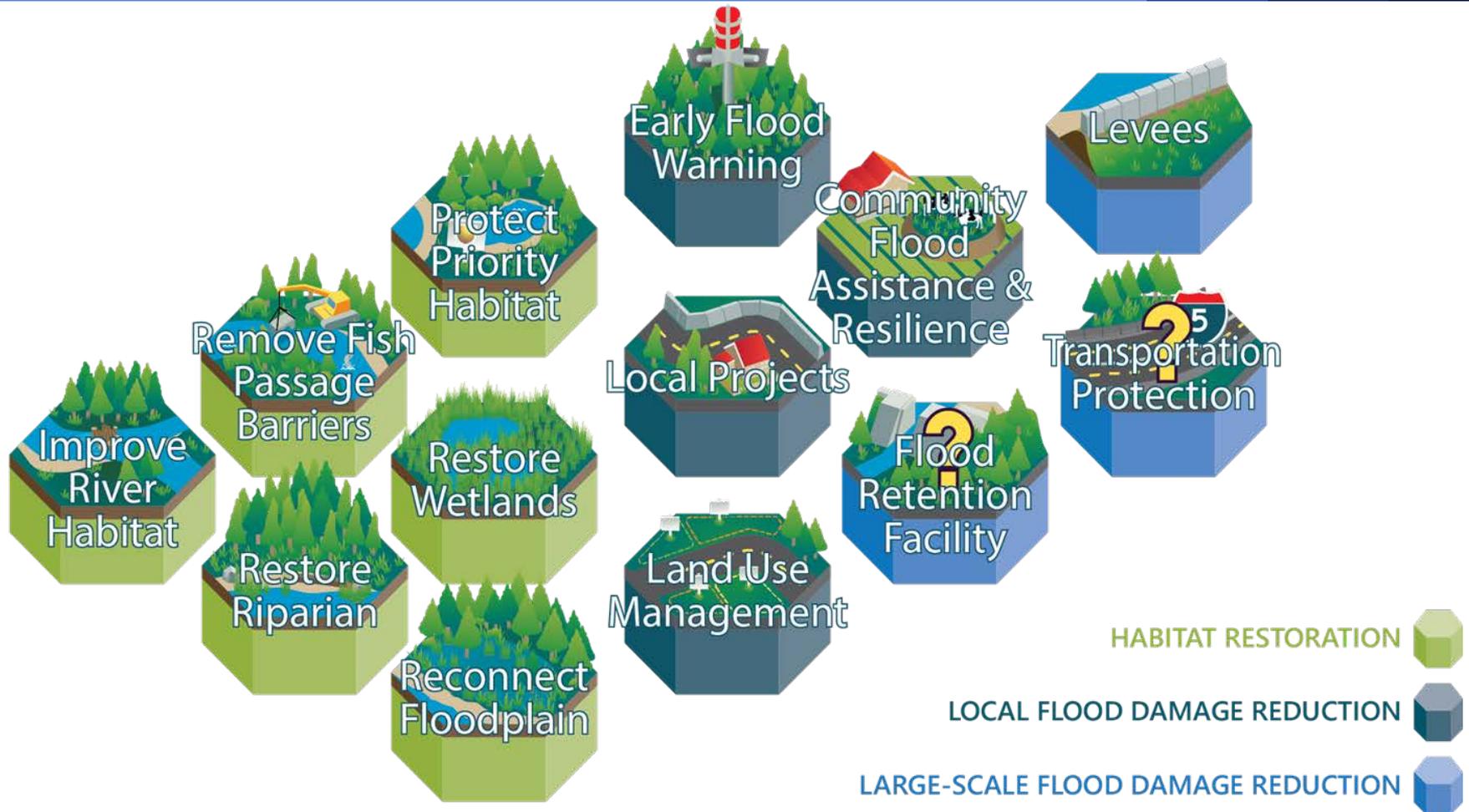
Purpose:

Evaluate potential alternatives and actions for **basin-wide** flood damage reduction and aquatic species habitat restoration.

Completed: Fall 2017



Chehalis Basin Strategy Mission in Action



Aquatic Species Restoration Plan

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- Initial ASRP document released late 2017
- Early actions now underway
- Phase 1 ASRP available for public comment Summer 2019
- Seeking \$38M in State Capital Funds for 2019-2021
- Final Phase 3 ASRP incorporated into Chehalis Basin Strategy in Summer 2020.

CFAR / Land Use Management



- Under development, with dedicated OCB Floodplain Coordinator
- Seeking \$3 Million State Capital Funds for 2019-2021 CFAR program
- Pursuing FEMA Grants
- Land use management recommendations will be incorporated within CFAR program

Local Projects / Early Flood Warning



**Local Projects /
Early Flood Warning**

- Early flood warning system now completed & in-place
- Seeking \$3.8M State Capital Funds for 2019-2021 local projects
- Assume continued flow of local projects based prioritized project lists

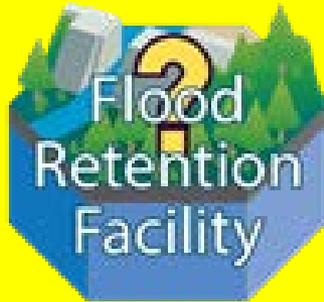
North Shore Levee



**Aberdeen-
Hoquiam North
Shore Levee**

- Early project phases funded through Flood Authority local projects
- Currently undergoing environmental review/permitting
- OCB seeking \$10M State Capital Funds for NSL in 2019-2021

Project-Level SEPA/NEPA EISs



**Project-level
SEPA/NEPA EISs**

Purpose:

Evaluate environmental impacts of FCZD's Flood Damage Reduction Project to reduce flood damage in Chehalis & Centralia from storm events originating in the Willapa Hills.

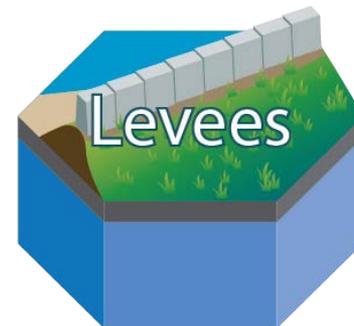
Currently undergoing environmental review through SEPA and NEPA.

Draft EISs expected in 2020

Flood Control Zone District Project



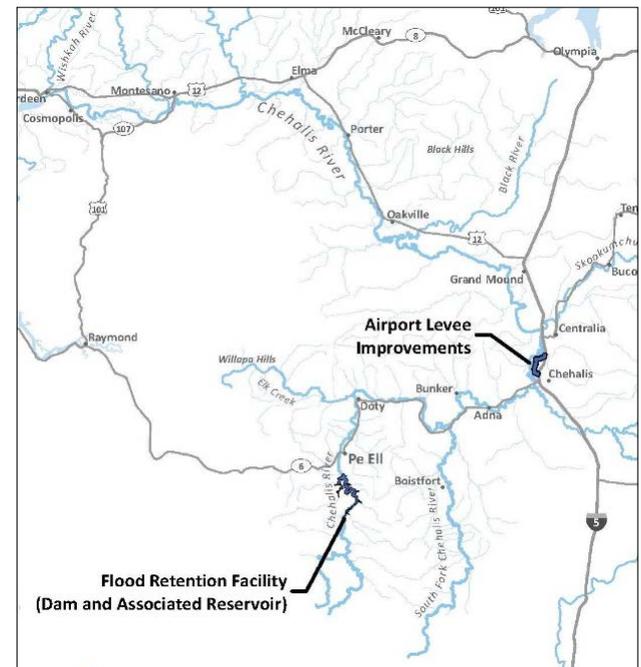
Chehalis/Centralia Airport Levee



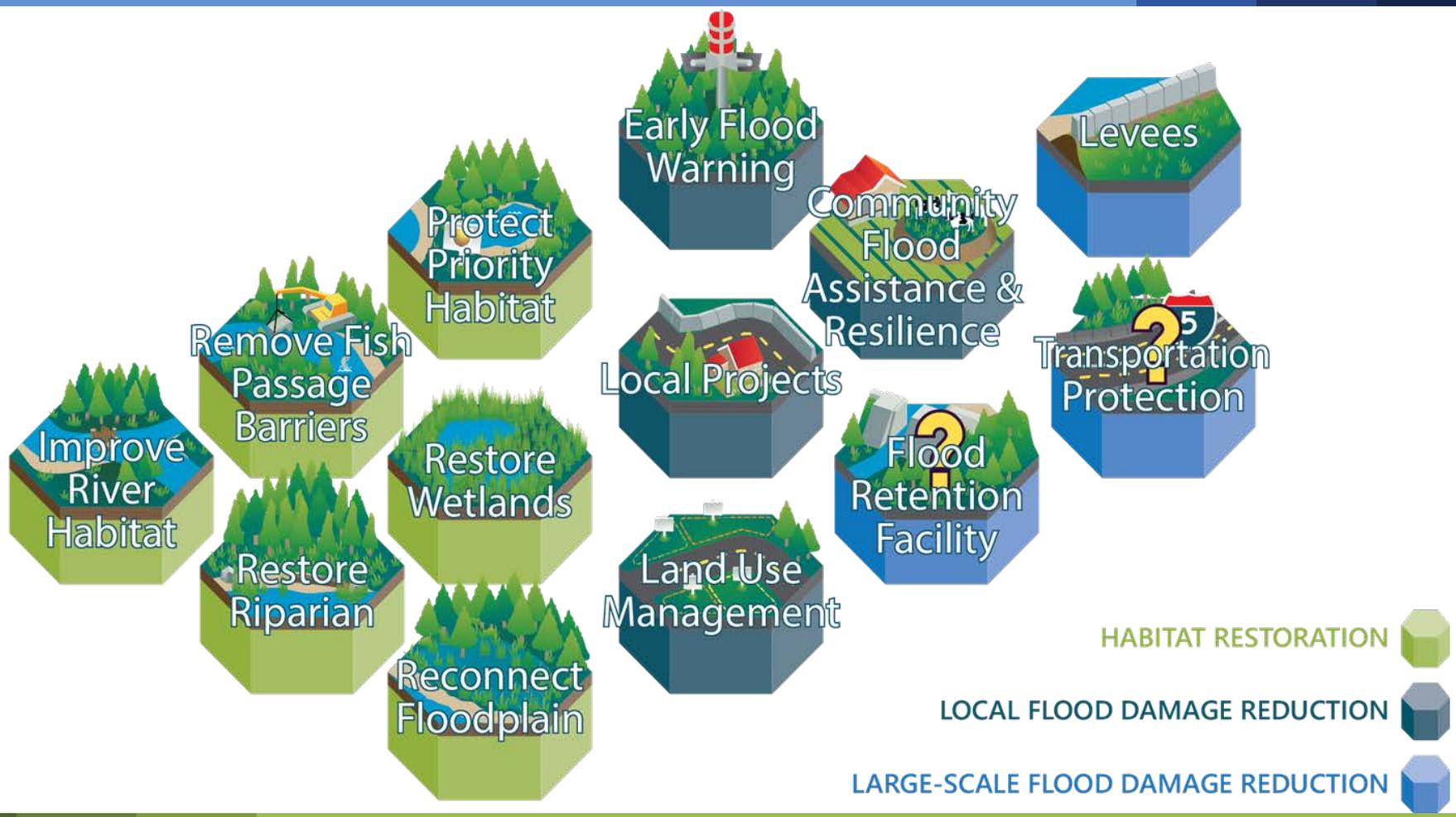
Project-Level SEPA/NEPA EISs

Focus:

- Geographic extent of probable significant environmental impacts from proposed project
- Reasonable alternatives to meet purpose & need of proposal
- Mitigation framework for proposed project



Creating an Integrated Strategy



Integrating All Elements into Long-Term Strategy Assessment

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Purpose of Strategy Assessment

Purpose:

Achieve **consensus** on a comprehensive, integrated strategy for aggressively pursuing flood damage reduction and aquatic species habitat restoration over the long-term.



Long-Term Strategy & Investment Plan

Focus:

Basin-wide, detailed set of actions to:

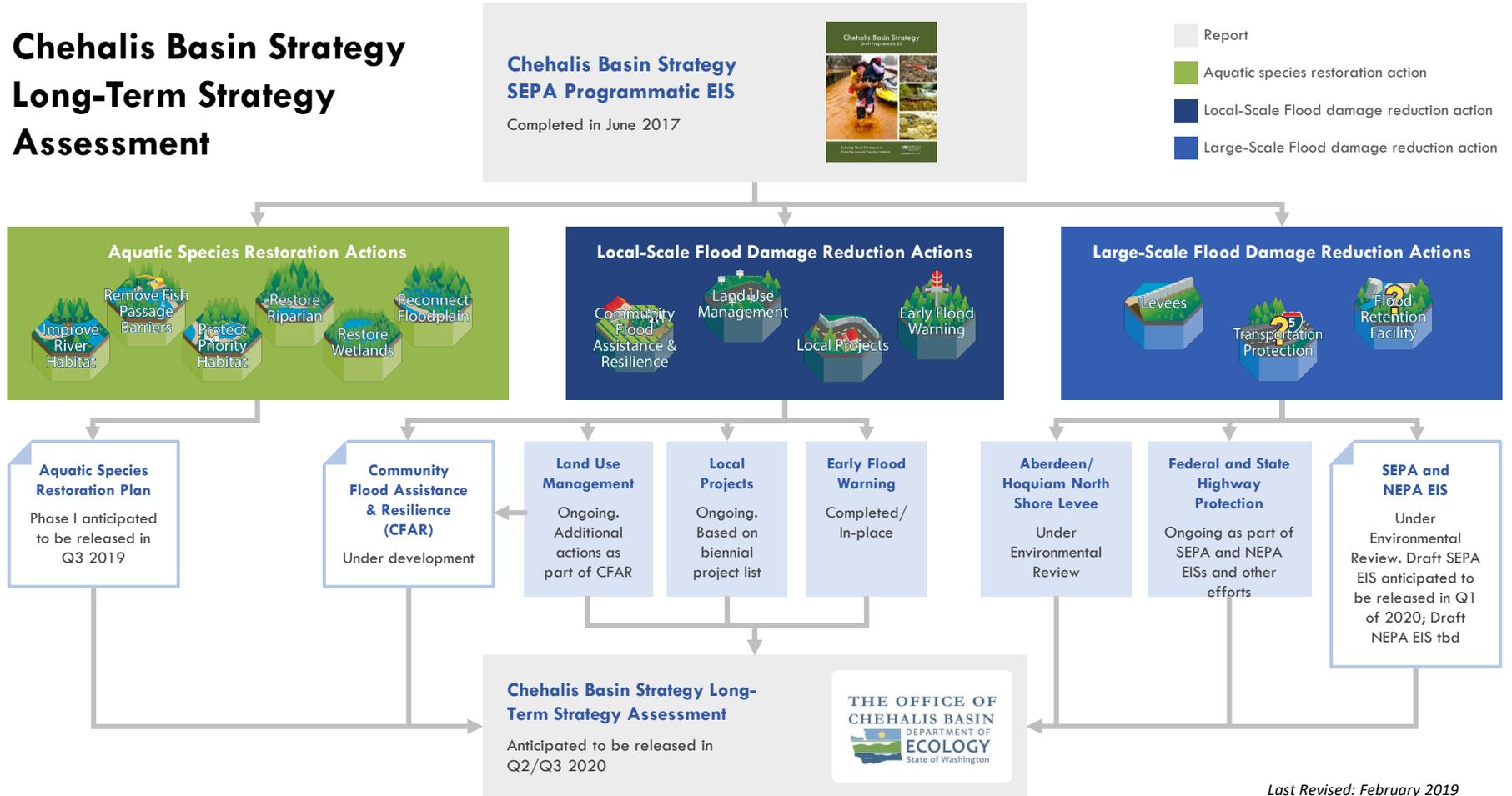
- Improve aquatic species habitat &
- Reduce flood damage

Timeline:

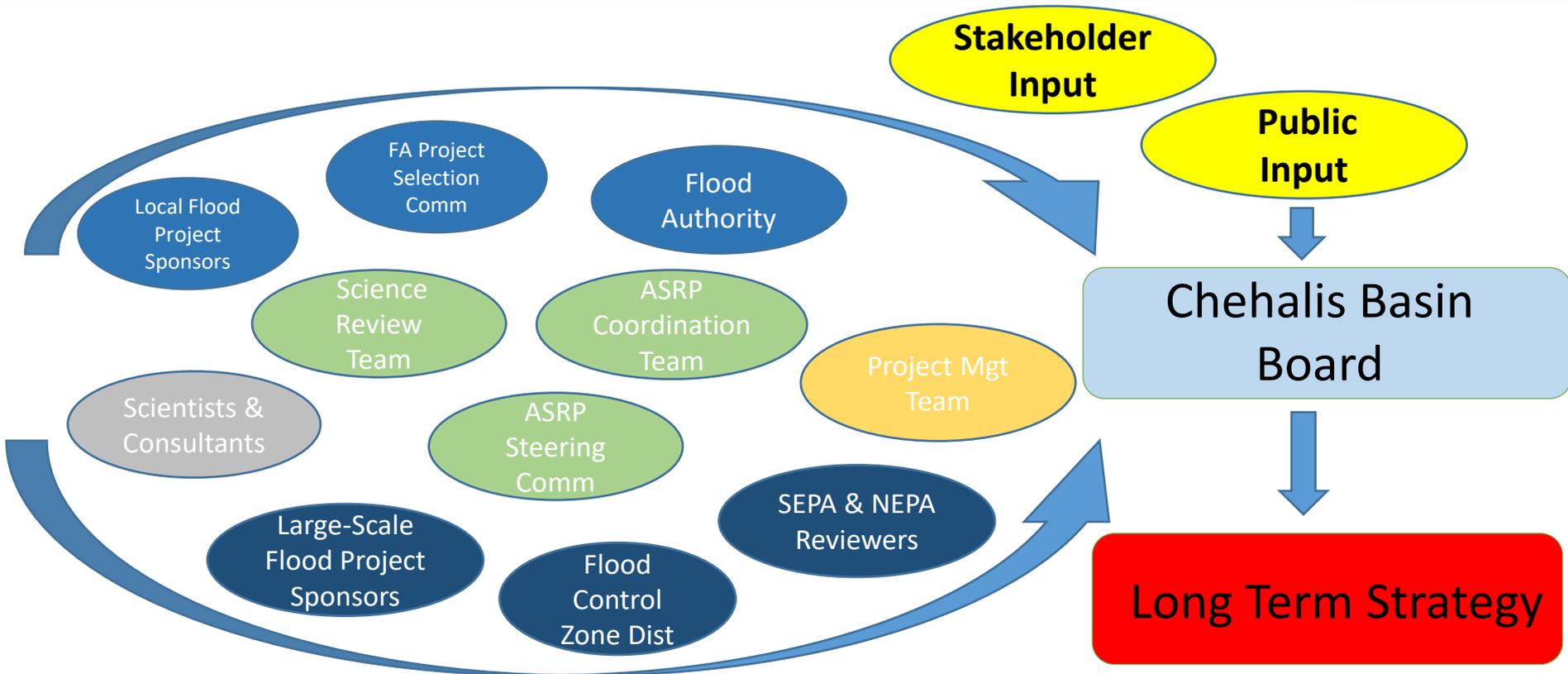
Final Strategy Report Fall 2020,
(before 2021 Legislative session)



Chehalis Basin Strategy Long-Term Strategy Assessment



Integrated Strategy Inputs



Integrated Strategy Outputs



Long Term Strategy



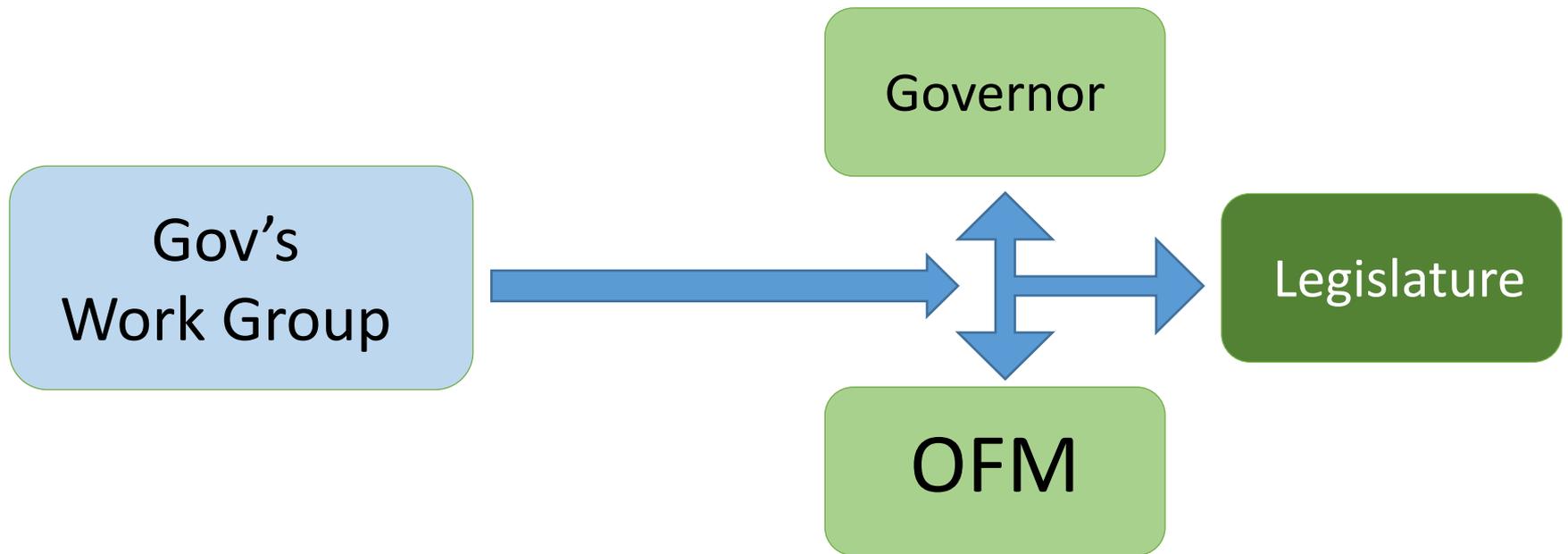
2019-21 Proposed Budgets

Chehalis Basin Strategy 2019-21 Proposed Budget Comparisons				
OCB Budgets for 2019-21 (in millions)	CBB RECOMMENDED ECOLOGY REQUESTED	GOVERNOR PROPOSED	HOUSE PROPOSED	SENATE PROPOSED
Capital Budget				
On-the-Ground	\$49.45	\$31	\$59.45	\$33.75
Long-Term Strategy	\$23.76	\$19	\$23.76	\$16.25
Total	\$73.2	\$50*	\$83.2**	\$50*
Operating Budget				
OCB Operations	\$1.46	\$1.46	\$0	\$1.46

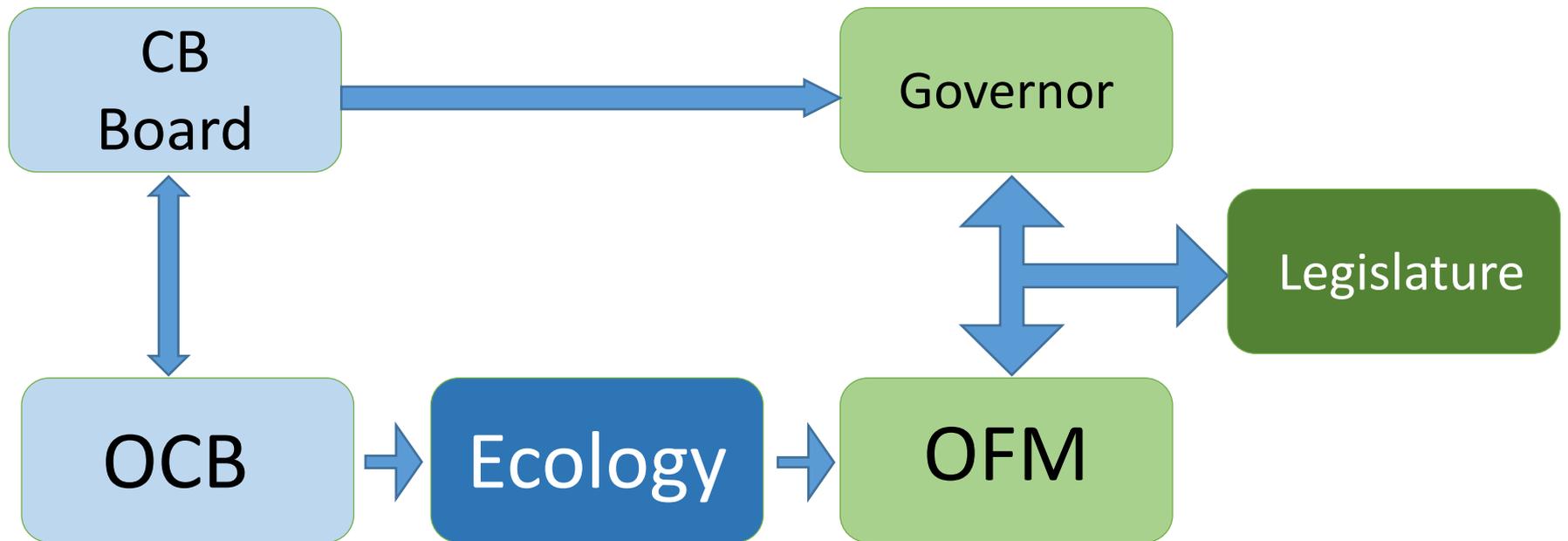
*Provides discretion for the Board to move funds between elements to meet program objectives.

**Provides discretion for the Board to move funds between elements so long as \$25M is dedicated to the Aberdeen Hoquiam North Shore Levee.

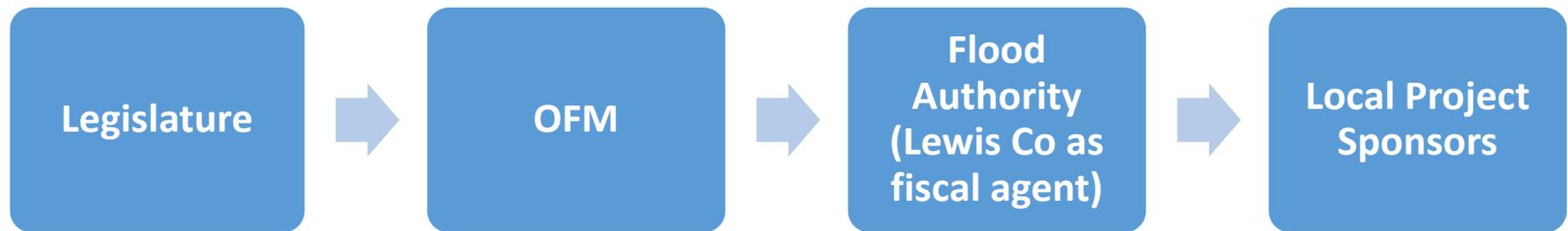
Previous Budget Request Process



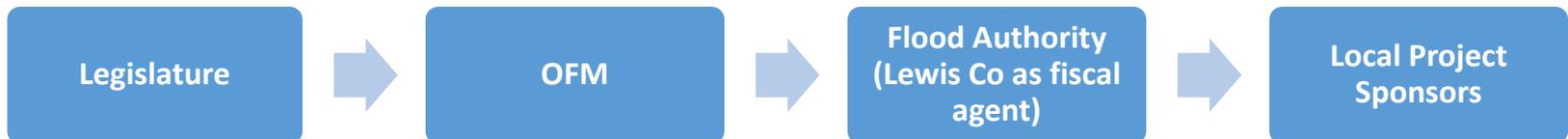
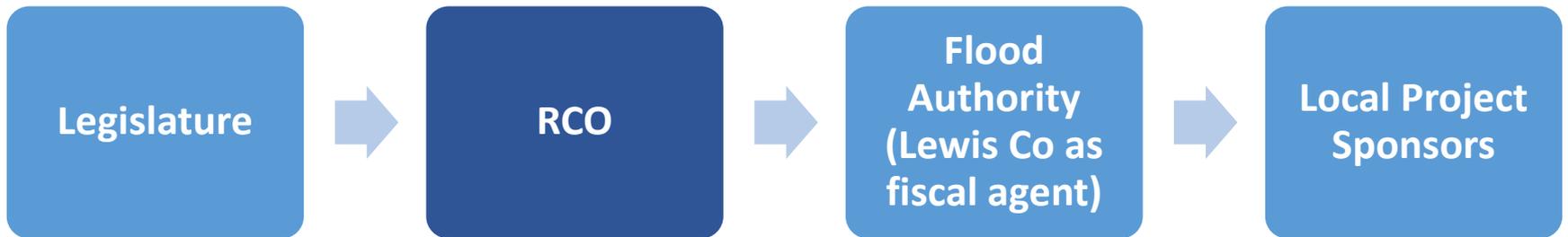
Current Budget Request Process



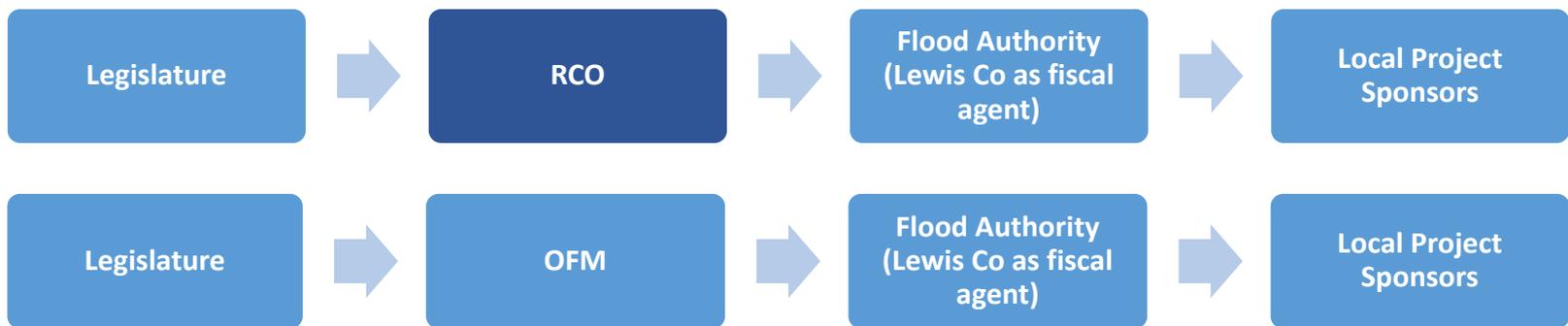
Evolution of Funding Process & Fiscal Oversight



Evolution of Funding Process & Fiscal Oversight



Evolution of Funding Process & Fiscal Oversight

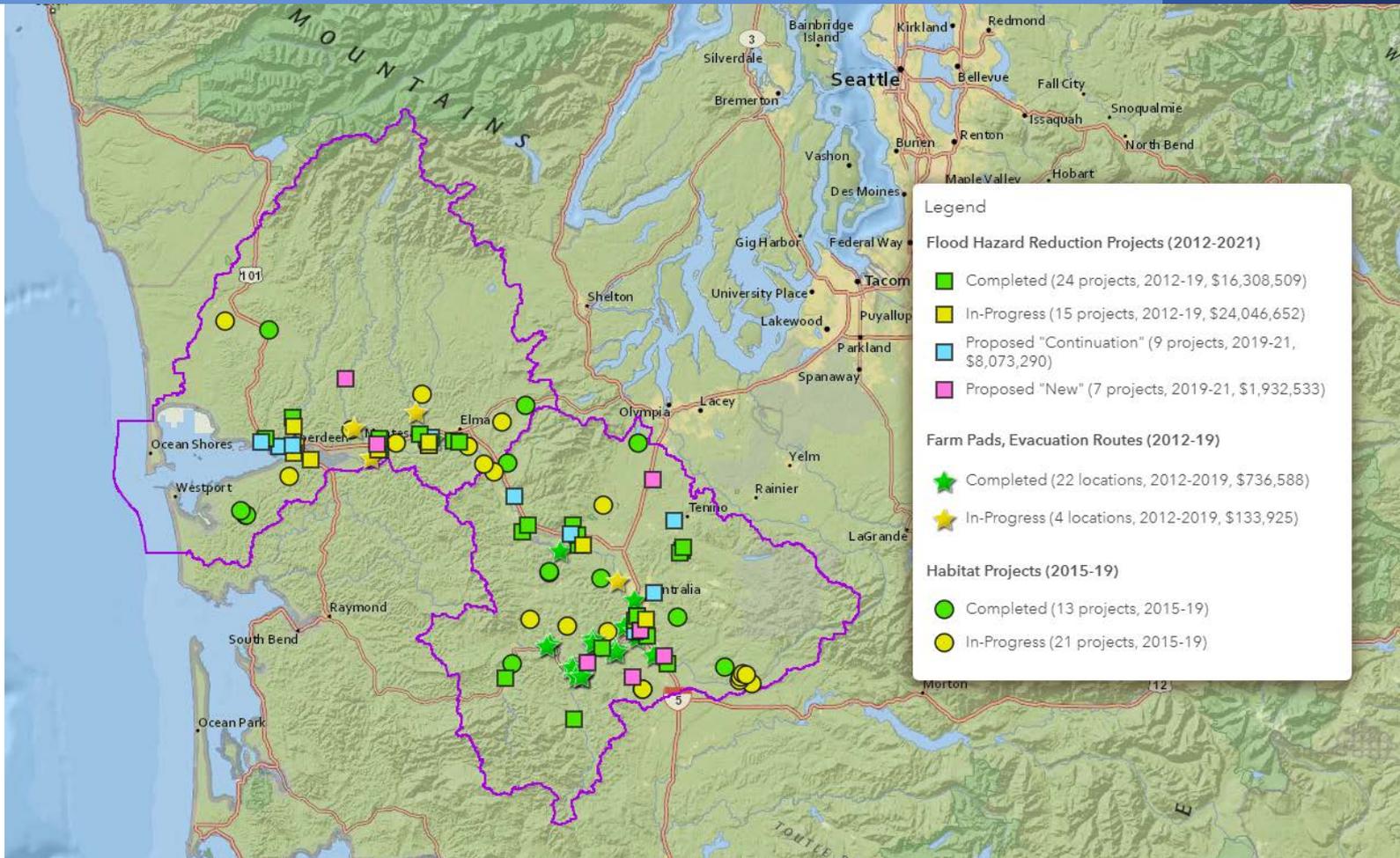


More work ahead needed on...

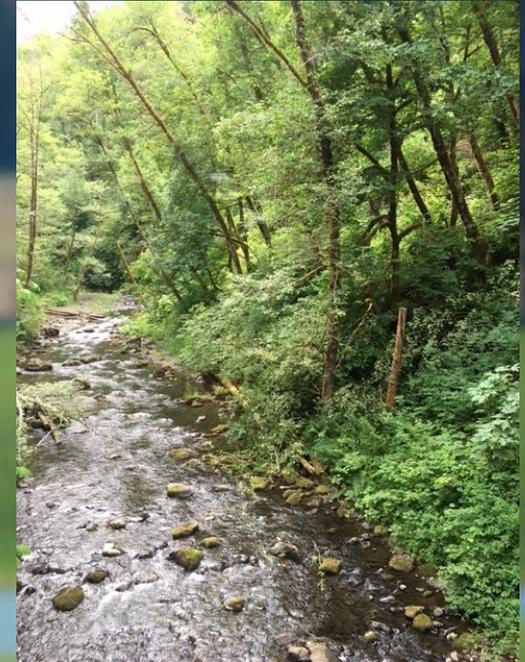
- Feasibility & detailed options for mitigation of flood retention facility
- Relationship of EIS mitigation to ASRP projects & results
- Landowner willingness (ASRP & CFAR) & community outreach and support
- Long-term governance structure & adaptive management
- Overall level of investment, sequencing of actions, implementation schedule, quantified measures for evaluating the success of implementation
- Making the case for long-term funding



Accomplishments So Far



Working Toward a Safer, More Resilient & Prosperous Region



Questions?

Thank you!

Andrea McNamara Doyle, OCB Director

Andrea.Doyle@ecy.wa.gov

360.407.6548

Chehalisbasinstrategy.com

