

# Snohomish Community Floodplain Solutions

Integrated Floodplain Capital Project Development & Implementation Collaborative Presentation for Salmon Habitat Restoration Knowledge Exchange Series November 18, 2025







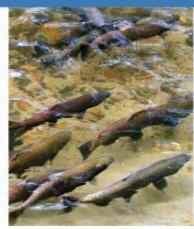
### Today's floodplain challenges





Changing weather patterns





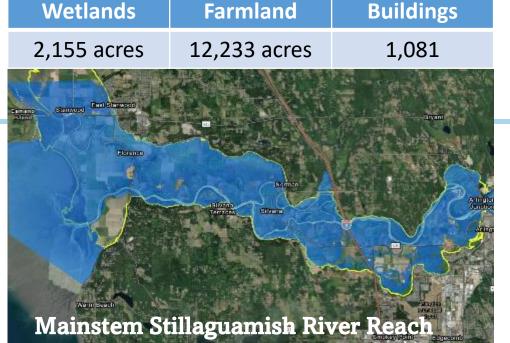




Decline of salmon population



**Large flood events** 



**Farmland** 

Wetlands

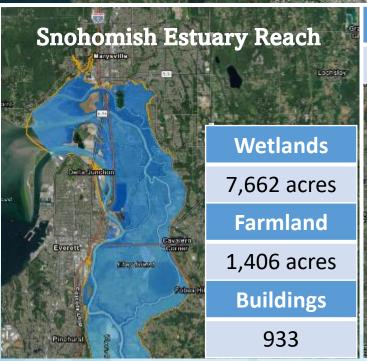


By 2050, the 1% annual chance flood is projected to occur...

- FOUR TIMES as often in Stillaguamish Reaches

**Buildings** 

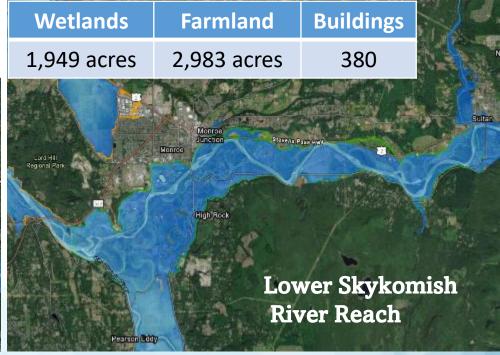
- TWICE as often in Snohomish and Skykomish Reaches





**Farmland** 

Wetlands



#### What is CFS?



 <u>Purpose:</u> A collaborative effort aimed at helping lower flood risks for residents and the agricultural community <u>AND</u> increasing salmon habitat <u>WITHOUT</u> transferring the hazards to neighbors or downstream

landowners



Vicinity and Project Benefits/Status

Detail 1: Snohomish Estuary / Snohomish River

Snohomish Basin Overview

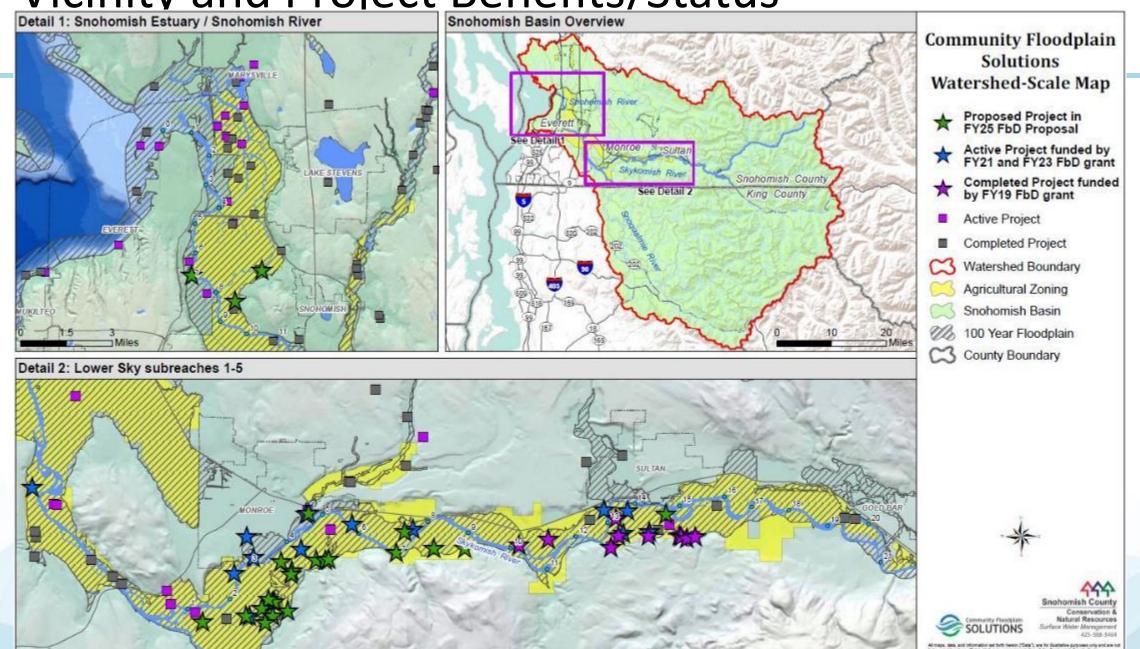
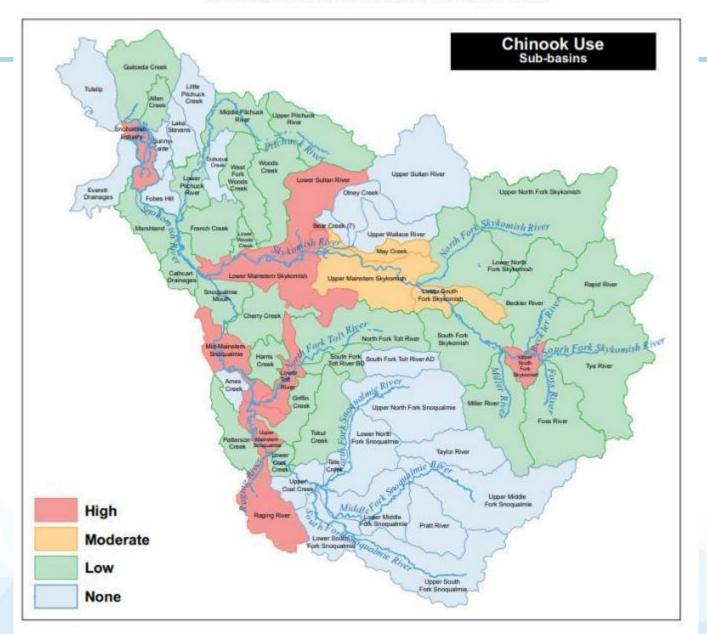


Figure 4.1 Chinook Distribution in Snohomish River Basin



#### Progress Relative to 10-Year Goals (Set in 2005)





## Phase I – Complete – Summary of Accomplishments

#### CFS's Goals to protect and preserve land options include:





Complete
30% designs for
an integrated
floodway project
and 3 agriculture
resiliency projects
making sure farmers
have access to land



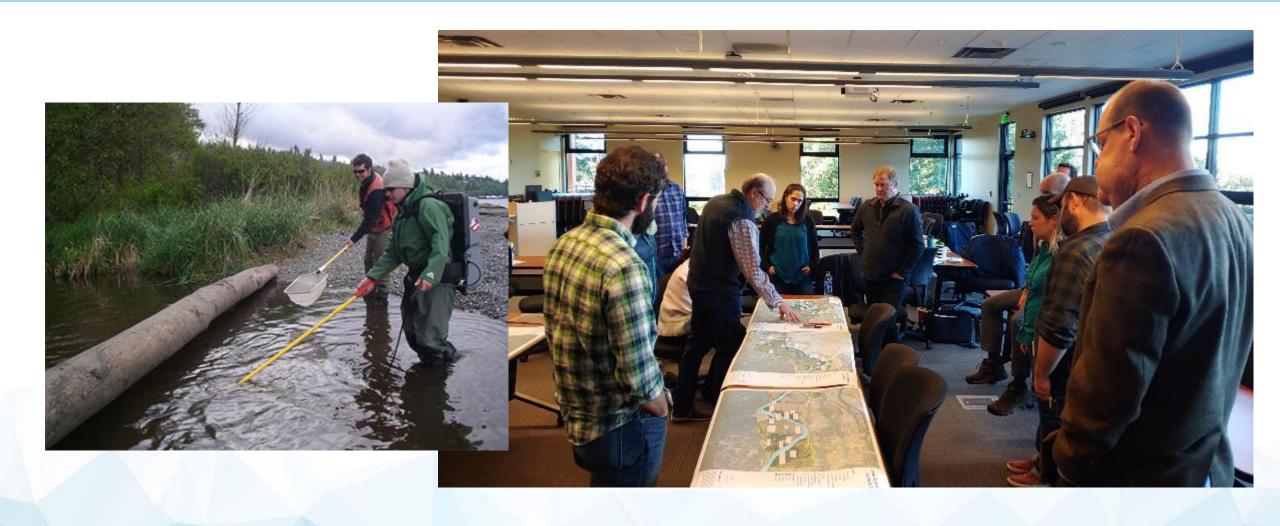
Restore up to

30
acres
of habitat along the Skykomish riverbanks

Model, assess and map future river conditions; educate and learn from residents

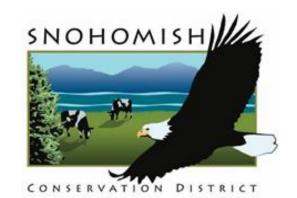


#### Strategies and Actions Driven by Science and Data



#### **Project Proponents**











**Agriculture** 



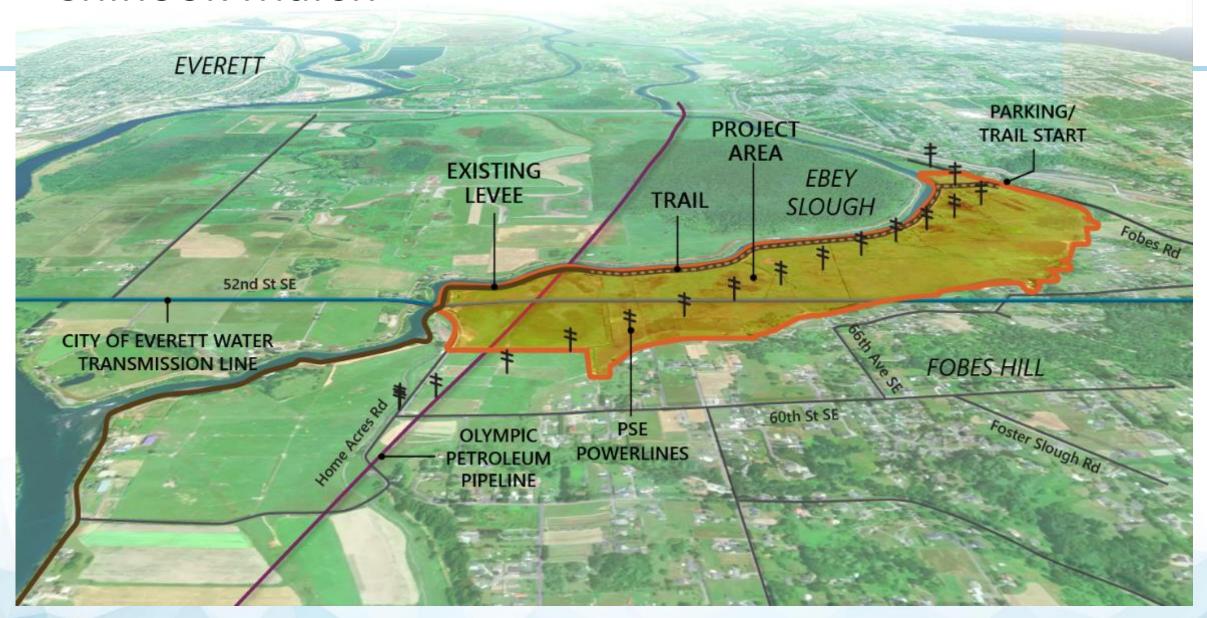




2019-2021 FbD Grant	2021-2023 FbD Grant	2023-2025 FbD Grant	2025-2027 FbD Grant
Focus Sultan Reach	<b>Focus</b> Lower Skykomish River plus several actions in the Snohomish Estuary	Focus Lower Skykomish River, Snohomish Mainstem and Estuary, and watershed-scale actions	Focus Lower Skykomish River, Snohomish Mainstem and Estuary, and watershed-scale actions
3 Capital projects	4 Capital projects	11 Capital projects	14 Capital projects
4 Project proponents	4 Project proponents	6 Project proponents	8 Project proponents
Process Ad hoc collaboration	<b>Process</b> Collaborative Snohomish IT structure	Process Collaborative Snohomish IT structure	Process Collaborative Snohomish IT structure
Primarily project feasibility and development, land conservation	Primarily feasibility, design, and land conservation	Primarily design and construction	Primarily construction, design, and evaluation
Since age we have been increasing our goographic reach project pipeline, and			



#### **Chinook Marsh**



#### **CFS Program Implementation Process**



#### Web Map - Decision Support Tool

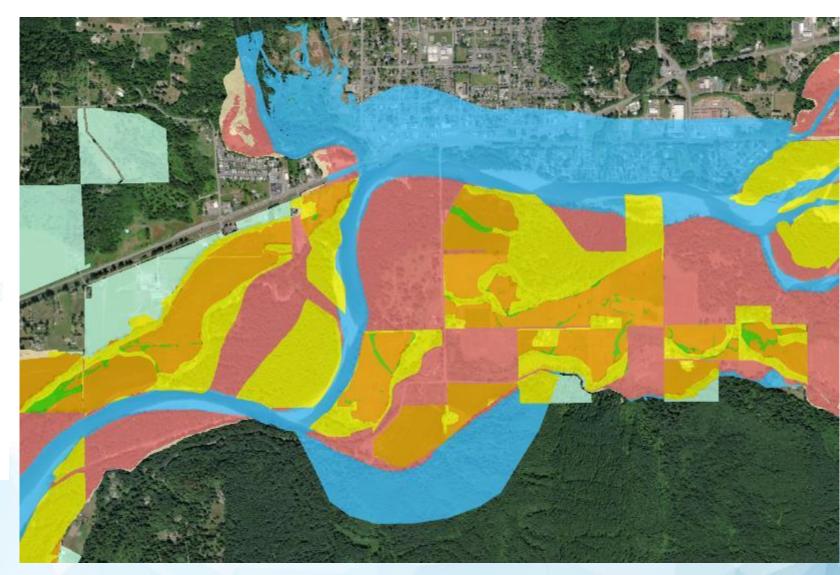
Legend

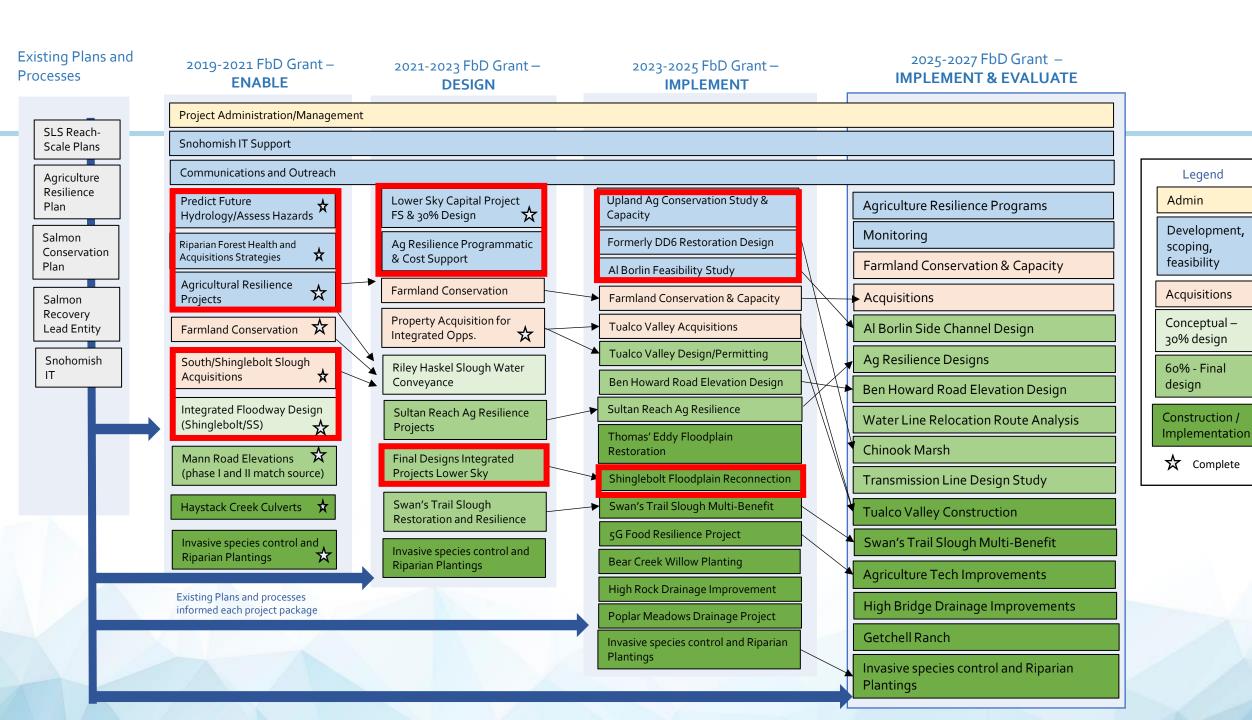
LowerSkyFloodplainLandStrategy

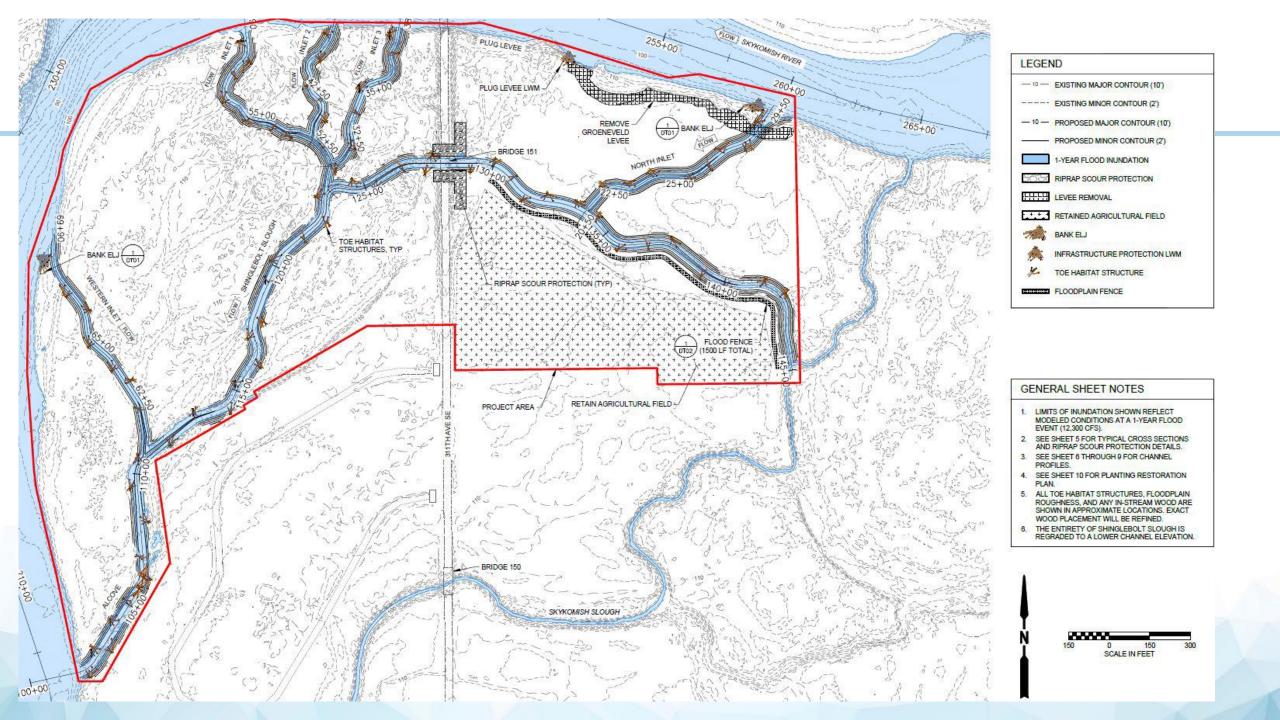
Integrated Criteria

Integrated Criteria

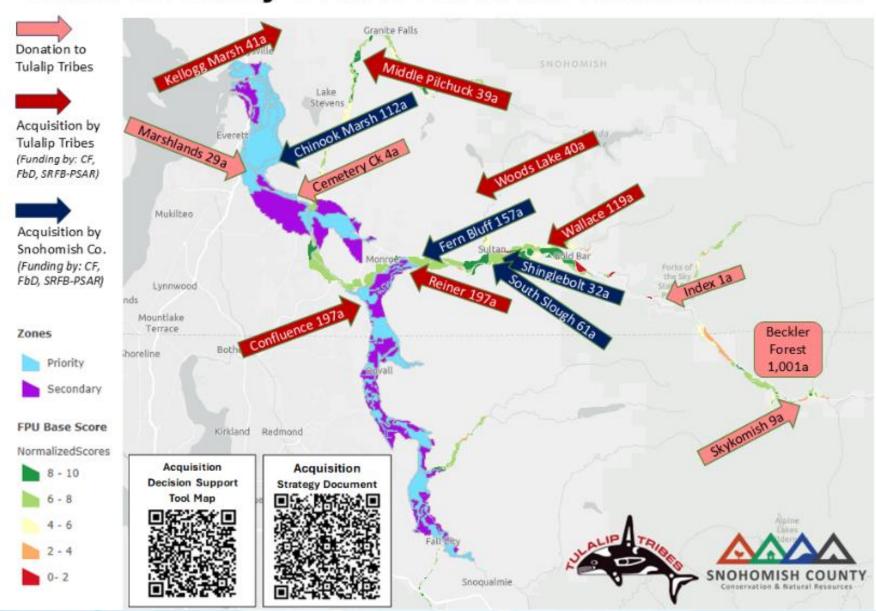
- High Priority to Remain Farmland
  - High Priority for Salmon Recovery
- High Priority for Flood Risk Reduction
- High Priority for Salmon Recovery and Flood
  Risk Reduction
- High Priority for Multi Benefit Land Project -Not Actively Farmed
- High Priority for Multi Benefit Land Project Substantial Flood Risk Agricultural
  Production
- High Priority for Multi Benefit Land Project



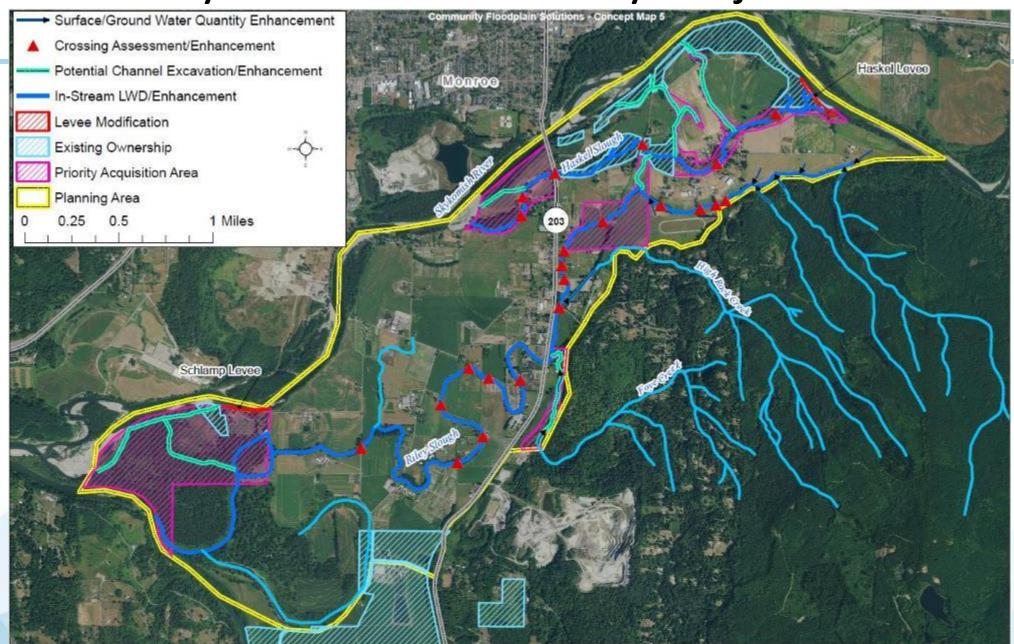




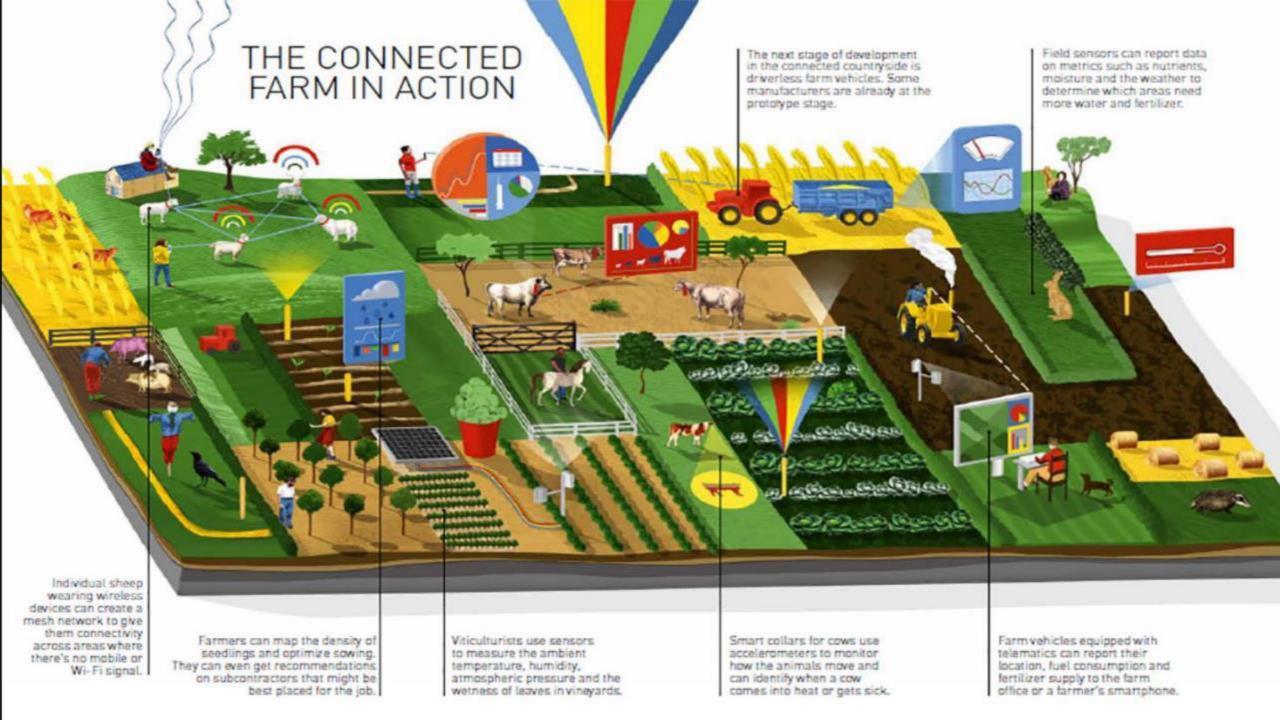
#### **Lands Recently Conserved in the Snohomish Basin**



### Tualco Valley Water Connectivity Project







### Agricultural Technology Improvements Program







