

A photograph of a rural landscape where a large body of water has flooded the fields. In the middle ground, a white silo and a dark barn are partially submerged. The background is a dense forest of bare trees. The sky is overcast. The image is used as a background for the title slide.

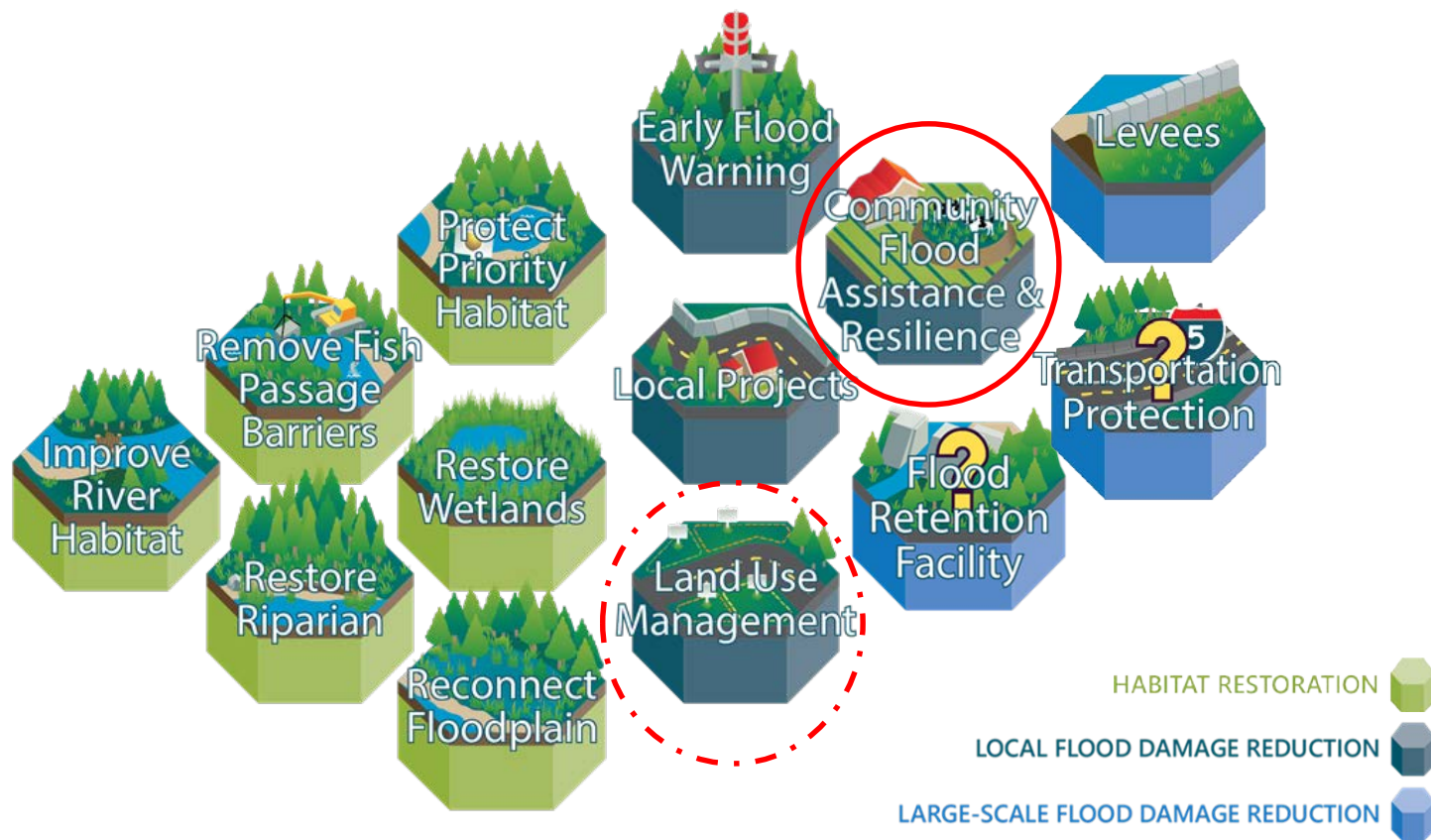
Community Flood Assistance & Resilience (CFAR)

Program Assumptions

Chehalis Basin Board

June 4, 2020

Chehalis Basin Strategy



Relationship to Long Term Strategy

Board requested scalable assumptions about:

- Costs
- Geographic scope
- Priority actions and locations
- Pace of implementation

Investment Priorities

- Properties facing the greatest flood or erosion risk
- Least costly technique that provides equivalent protection
- Projects with cost sharing from other sources
- Projects with an opportunity for aquatic habitat restoration
- Projects in communities that have adopted regulations that exceed minimum State and FEMA standards.

Assumptions

- Properties protected by other actions under consideration as part of the Strategy are not priorities for project funding (eligible for technical assistance)
- Property owners commit to maintain flood insurance if a structure remains in the floodplain
- Property owners contribution: funds or in-kind work
- Protection levels will account for future flood levels resulting from climate change
- Consideration of bank stabilization will be part of the next phase (21-23 biennium)
- CFAR funding will address community assets (churches, municipal buildings, etc.) in addition to homes and businesses

Assumptions

- Program is both preventative and corrective
- Projects are voluntary
- Structures that are dilapidated or deemed unfit for human habitation by local codes are not eligible for structure retrofit funding (may be eligible for acquisition funding)
- Accessory structures will not be mitigated, but are eligible for technical assistance
- OCB will monitor and revise the program as needed, with input from property owners, local governments, and the Chehalis Basin Board.
- OCB may establish different criteria for the first year(s) of the program.

Potential Measures of Success

- Reduced emergency response and rescue needs/costs
- Increased awareness or understanding of risks related to channel erosion or migration and floods, especially under future climate conditions
- Community Rating System (CRS) points
- Reduced flood insurance premiums
- Reduced damage to structures and contents during floods
- Identify options and actions landowners can take on their own
- Increased awareness or understanding of risks related to channel erosion or migration and floods, especially under future climate conditions