

The background of the slide is a photograph of a rural landscape that has been significantly flooded. In the foreground, there is a body of water reflecting the sky. In the middle ground, a white water tower stands prominently on the left, with some buildings and trees partially submerged in the water. The background is filled with a dense forest of bare trees, suggesting a late autumn or winter setting. The overall tone is somber due to the flooding.

# Chehalis Basin Strategy Community Flood Assistance & Resilience (CFAR) Program

Chehalis Basin Board

February 6, 2020

# Why CFAR?



Home Elevation, Thurston County

**Draft Economics Study Update (EES Consulting)  
June 2017**

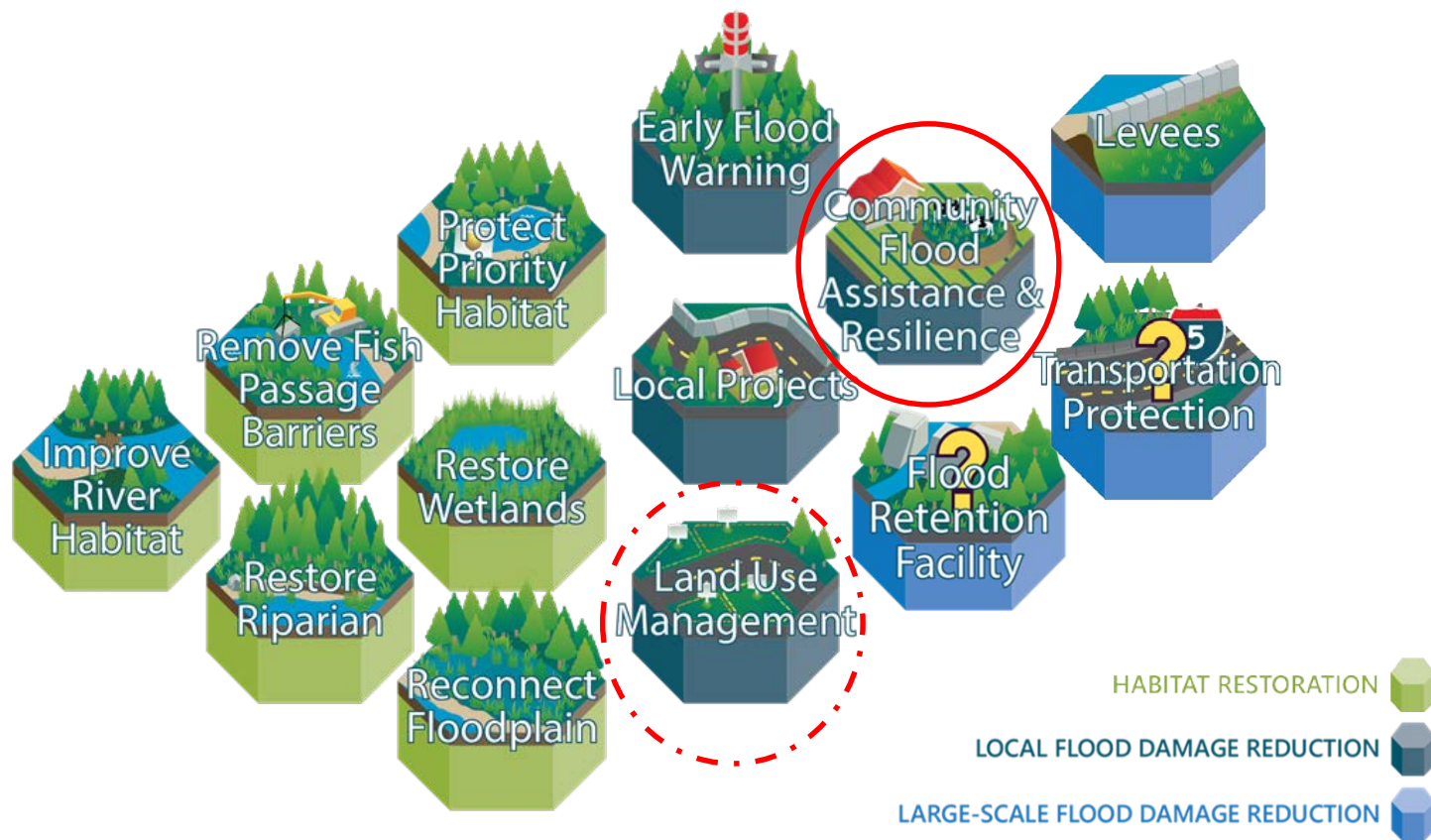
Wet floodproofing floodable areas



*“The greatest flood damage reduction benefit from most action alternatives comes from eliminating damage to structures and their contents.*

*The avoided damages due to floodproofing buildings or buying out properties over 100 years is significant.”*

# Chehalis Basin Strategy





# Outreach

## **Met or discussed with:**

- Quinault Indian Nation and Chehalis Tribe DNR Directors & staff
- Cities of Aberdeen, Centralia, Chehalis, Hoquiam
- Grays Harbor, Lewis and Thurston County staff
- Flood Authority

## **Still need to connect with:**

- Bucoda
- Napavine
- Oakville
- Montesano
- Pe Ell
- Cosmopolis

# Project Agreements

## Roles and Responsibilities

### Office of Chehalis Basin (OCB)

- Program administration and management
- Approve projects for funding
- Contract with consultants and contractors

### Community

- Publicize the program, talk to property owners
- Review and comment on project applications
- Project permitting, inspections, approval
- Monitor owner compliance with non-conversion or re-use agreement

# Project Agreements

## Roles and Responsibilities

### Property Owners

- Contribute to the project
- Agree to not convert the property to negate the protection provided
- Agree to keep flood insurance on the building

### Other Participants (Flood Authority, Chehalis Tribe, Quinault Indian Nation, Conservation Districts)

- Help publicize the program
- Review and comment on applications
- Bring projects/willing landowners forward



# Eligible Actions

- Technical assistance (mapping, etc.)
- Residential and commercial properties
- Acquisition, relocation of buildings, and/or clearance of a parcel, with deed restriction
- Elevation, dry floodproofing, other retrofitting measures, with non-conversion agreement
- Channel migration zone easements, small habitat friendly, permittable bank protection
- Not eligible: Properties to be protected by another Strategy flood damage reduction project
- Not eligible for retrofitting: accessory structures and dilapidated buildings



# Project Priorities

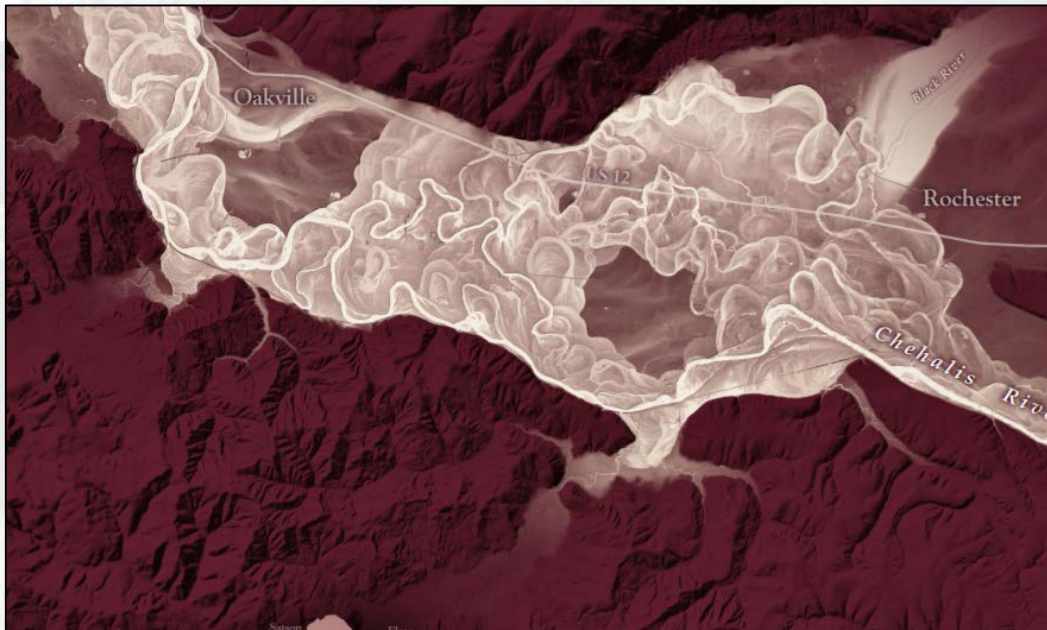
- Properties facing the greatest flood or erosion risk
- Least costly technique that provides equivalent protection
- Projects with cost sharing from other sources
- Projects that provide a clear benefit to the Aquatic Species Restoration Plan (ASRP)
- Projects in communities that have adopted regulations that exceed minimum State and FEMA standards.



# Intersection with Local Projects?

*“Design and construct local projects that will provide immediate flood damage reduction including the protection of critical infrastructure, wellheads, wastewater treatment plants, roads, **homes, and businesses**. Concurrent with these projects, develop and implement a long-term strategy for localized flood damage reduction actions.”*

# Intersection with ASRP?



# Next Steps

- OCB:
  - Define mechanics for program administration and solidify project priorities
  - Continued coordination with basin communities to gauge community needs and property owner interest
  - Generate broader public interest
  - Draft project solicitation forms and criteria
- COMMUNITIES:
  - Continued coordination with OCB to help gauge community needs and property owner interest
  - Generate broader public interest
  - Assist OCB in identifying willing landowners at greatest risk from flooding or erosion



# Next Steps

- **BOARD:**
  - Provide feedback and direction on program framework
  - Generate broader public interest
  - Provide direction on project solicitation forms and criteria
  - Provide feedback on project selection process

# Framing Questions

- Which parts of the framework are you most interested in?
  - Roles and Responsibilities
  - Project Priorities
  - Eligible Actions
- Parallel solicitation with Flood Authority local projects
- Funding projects that are ready to proceed

Questions or comments?

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