



Synthesis of Results from Twelve Puget Sound Regulatory Effectiveness and Incentive Investigations

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Synthesis of Results from 12 Puget Sound Regulatory Effectiveness and Incentive Investigations

Aimee Kinney, Tessa Francis, and Jeff Rice

Salish Sea Ecosystem Conference

April 15, 2016

PUGET SOUND INSTITUTE

W UNIVERSITY of WASHINGTON | TACOMA

Marine and Nearshore Grant Program



Washington
Department of
**FISH and
WILDLIFE**



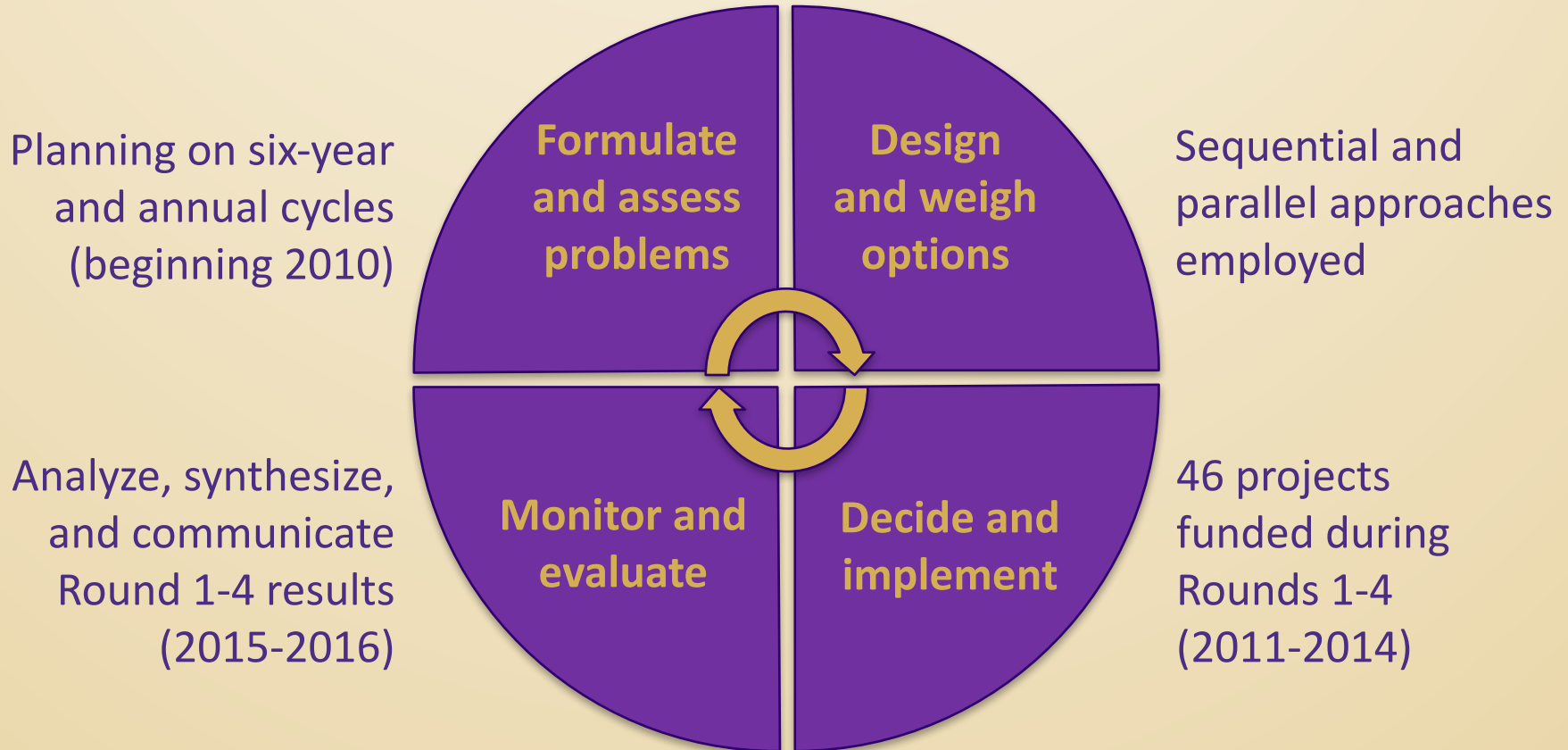
WASHINGTON STATE DEPARTMENT OF
Natural Resources

> National Estuary Program

> Investments in:

- Habitat acquisition and restoration
 - Shoreline armoring: regulatory effectiveness, incentives, and soft shore design guidelines
 - Eelgrass
 - Oil spill preparedness
 - Invasive species
- ... and more!

Case Study for “Learn As You Go” Adaptive Management



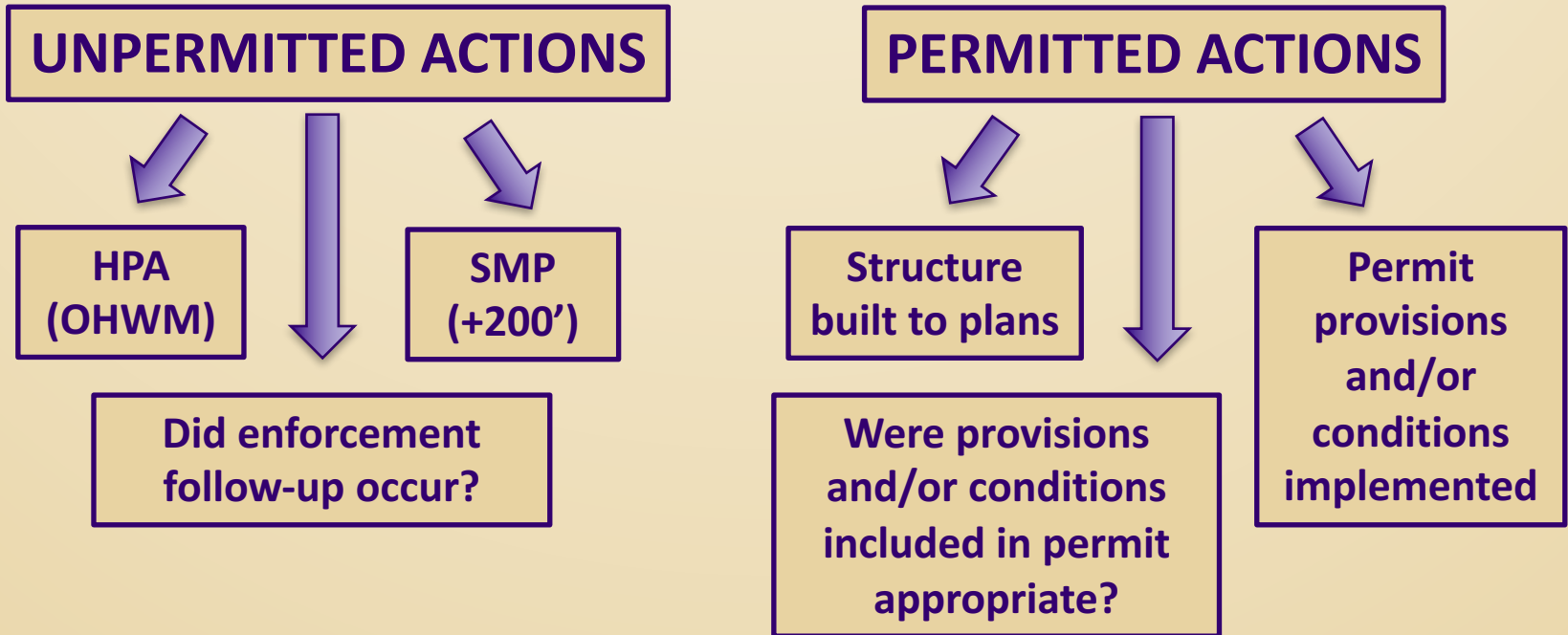
Regulatory Effectiveness Findings

More resources should be directed to compliance monitoring and enforcement

- > Most jurisdictions do not have dedicated enforcement staff and are not tracking SMP compliance
- > Compliance is multifaceted and surprisingly tricky to measure ... there is a wide range of reported rates
- > Available evidence indicates the number of violations is potentially significant

Compliance Tracking and Monitoring

Standardized protocols for “what” and “how” needed



Project details during Session SF3D
(1:30-3:00 in Oak Room)

Improving SMP Implementation

Procedural changes could strengthen resource protection

- > **Correct recordkeeping deficiencies to make tracking easier**
- > **Develop tools to guide consistent application of conditions**
- > **Regional mitigation manual for armoring projects???**
- > **Prioritize inspections before, during, and after construction**
- > **More staff hours for review of exempt projects: 70-90% of armoring projects fell under statutory exemptions**

Incentives for Armor Reduction

Changing behavior with carrots instead of sticks

- > Bulkhead repair/replacement is a huge opportunity to restore shoreline function
- > Shore Friendly social marketing strategy
- > Tools to address landowner motivations and barriers:
 - Direct and focused engagement
 - Free professional site evaluation and technical assistance
 - Financial incentives – property tax breaks, grants, loans
 - Streamlined permitting

Encyclopedia of
PUGET SOUND

**Parts 2 and 3
are coming
soon!**

**Analysis of
Effective Regulation and Stewardship Findings**

A REVIEW OF
PUGET SOUND MARINE AND NEARSHORE
GRANT PROGRAM RESULTS, PART 1

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