

Implementation Strategies: Building Science into Policy and Management Decisions

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Road map

Role of the Puget Sound Partnership

Vital Sign Indicators

Implementation Strategies

Example: Shoreline Armoring



Implementation Strategies: Needs *(or Conclusions first!)*

- *Prioritization of alternative strategies*
- *Cost estimates for alternative approaches*
- *Return on investment to attract funders*
- *Cost benefit for strategies within Vital Signs,
and across Vital Signs*



PUGET **SOUND** PARTNERSHIP

MISSION

Accelerate the collective effort to recover and sustain the Puget Sound

ROLE

Align the work of partners

Ensure smart investments

Support priority actions

How is Puget Sound doing?



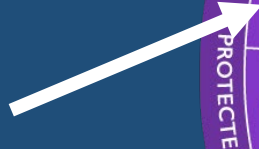
6 Categories defined in WA State statute

Vital Sign Indicators Reported for Puget Sound



How is Puget Sound doing?

Vital Sign:
Shoreline Armoring



Vital Sign: Shoreline Armoring

Target: Total amount of armor removed should be *greater* than the total amount of new armor installed.



State of the Sound

Vital Sign Indicators: Current condition and progress toward targets reported every two years



10 INDICATORS
Indicator made gains relative to the baseline reference



9 INDICATORS
Metrics show varying results (applicable to indicators composed of multiple metrics)



6 INDICATORS
No trend or change relative to the baseline reference



4 INDICATORS
Indicator worsened relative to the baseline reference

IMPLEMENTATION STRATEGIES



Working together to accelerate Puget Sound recovery

Implementation Strategies focus on measures of ecological health and human well-being. Each Implementation Strategy details the actions needed to advance progress toward Puget Sound recovery goals. These actions are informed by science and prioritized based on feasibility, potential impact, and cost effectiveness.



The Puget Sound Vital Signs gauge the health of Puget Sound and guide our assessment of the progress made toward ecosystem recovery goals.

Implementation Strategies:

- ✓ Standardized strategic plans for achieving Vital Sign Indicator targets
- ✓ Identify best recovery investments

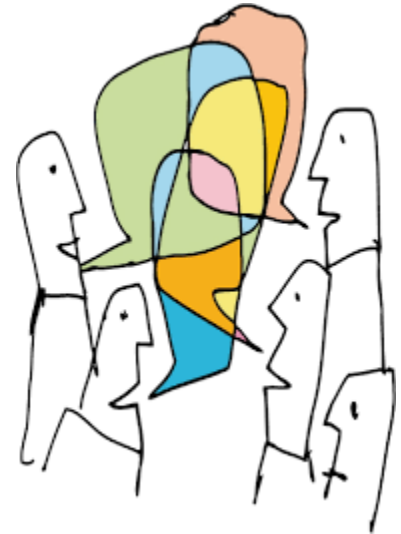
- People and process
- Products and vetting
- Outcomes



Implementation Strategies: People

Partners

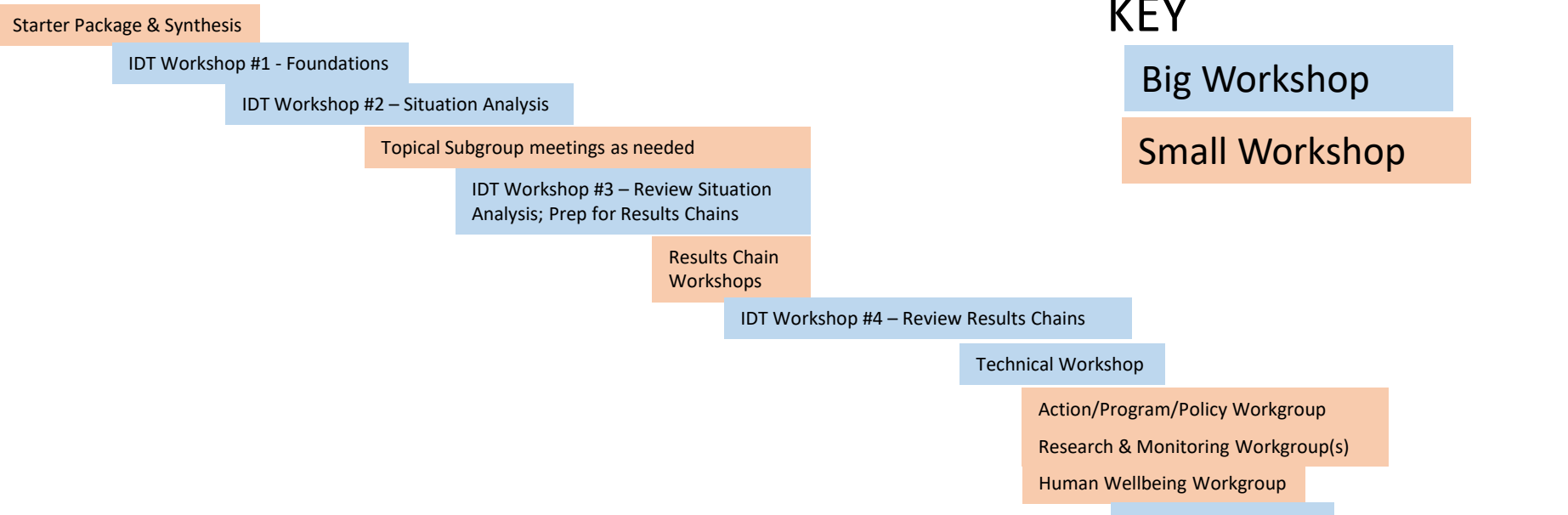
- Federal, state, and local governments
- Indian tribes
- Local recovery groups
- Nonprofits
- Private sector work



The U.S. Environmental Protection Agency's National Estuary Program provides funding for Implementation Strategies.

Implementation Strategies: Process

KEY

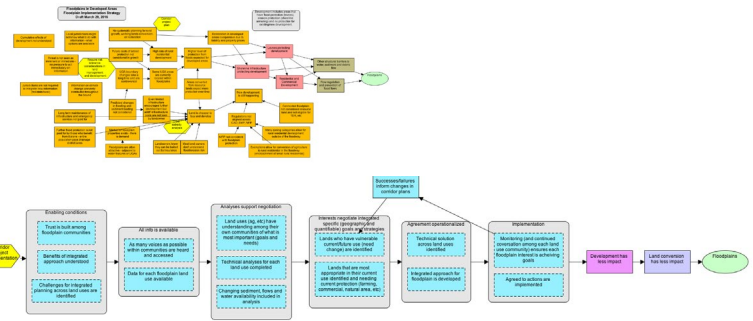


Review Steps



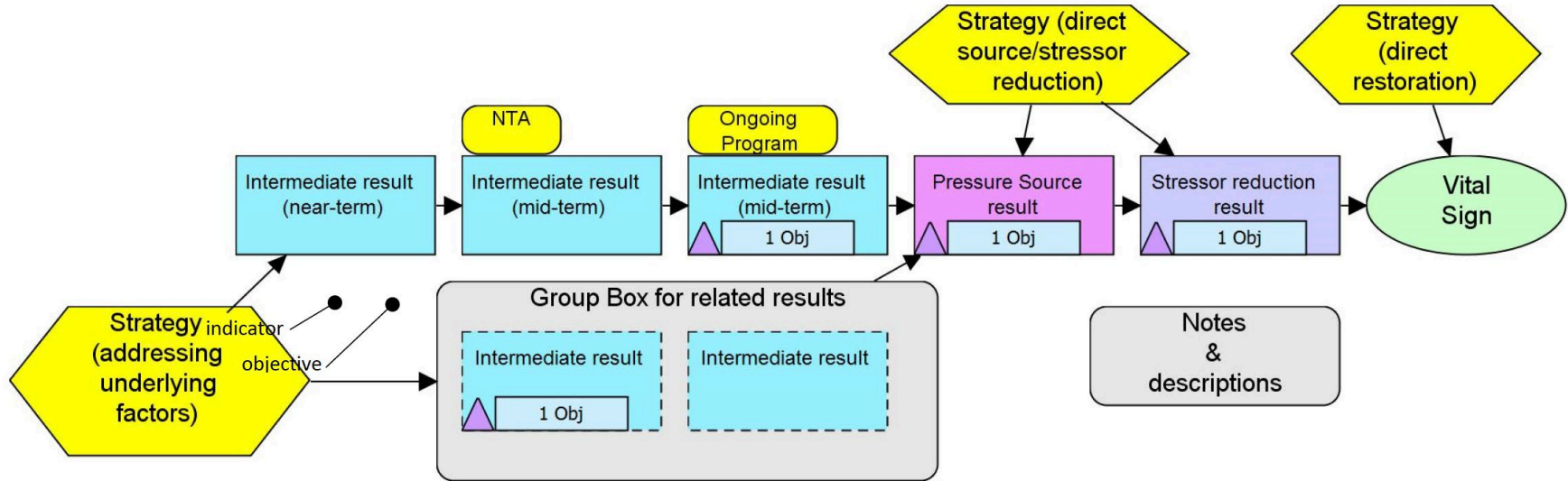
Implementation Strategies: Products

1. Vital Sign current conditions
2. Logic models
3. Strategies
4. Alignment with ongoing programs
5. Science and research needs
6. Cost estimate
7. Adaptive management plan
8. Implementation plan



Implementation Strategies: Products

Logic Models



Implementation Strategies: Products

Strategies for Shoreline Armor removal

- Expand and improve incentives for shoreline property owners
- Improve regulatory compliance
- Increase and improve regulatory compliance, enforcement, and communication
- Improve long-term strategic planning

Implementation Strategies: Outcomes

- Regional goals are integrated into local plans
- Other funding programs are aligned with regional goals
- Recovery approaches prioritized based on science
- Research linked to recovery questions

Implementation Strategies: Needs

- *Prioritization of alternative strategies*
- *Cost estimates for alternative approaches*
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