



Using SHRP2 Technologies to Achieve Success – Idaho's Approach

Erika Bowen
Planning/Program Management Manager
Idaho Transportation Department

WASHTO
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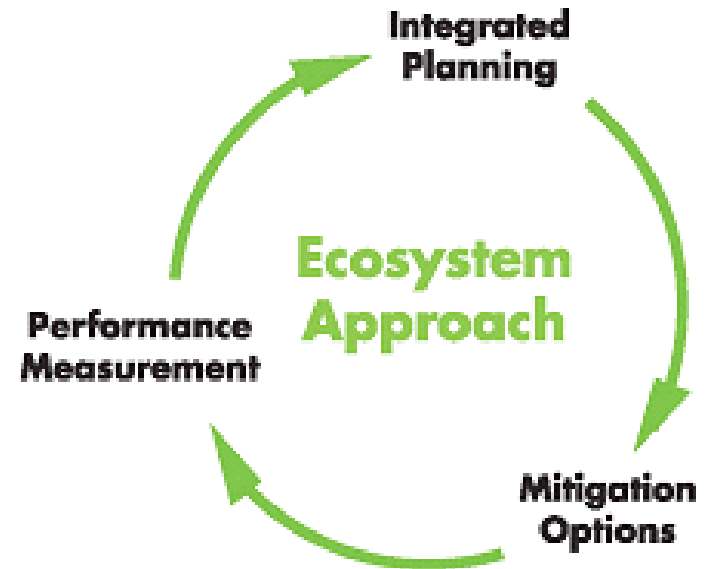
U.S. Department of Transportation
Federal Highway Administration



Implementing Eco-Logical Grants

Builds on FHWA's Eco-Logical: An Ecosystem Approach to Developing Infrastructure Projects

- Help agencies proactively develop and implement an ecosystem approach for mitigating the effects of infrastructure projects
- Find improved ways to avoid, minimize and mitigate impacts
- Goal Areas:
 - Conservation
 - Connectivity
 - Predictability
 - Transparency

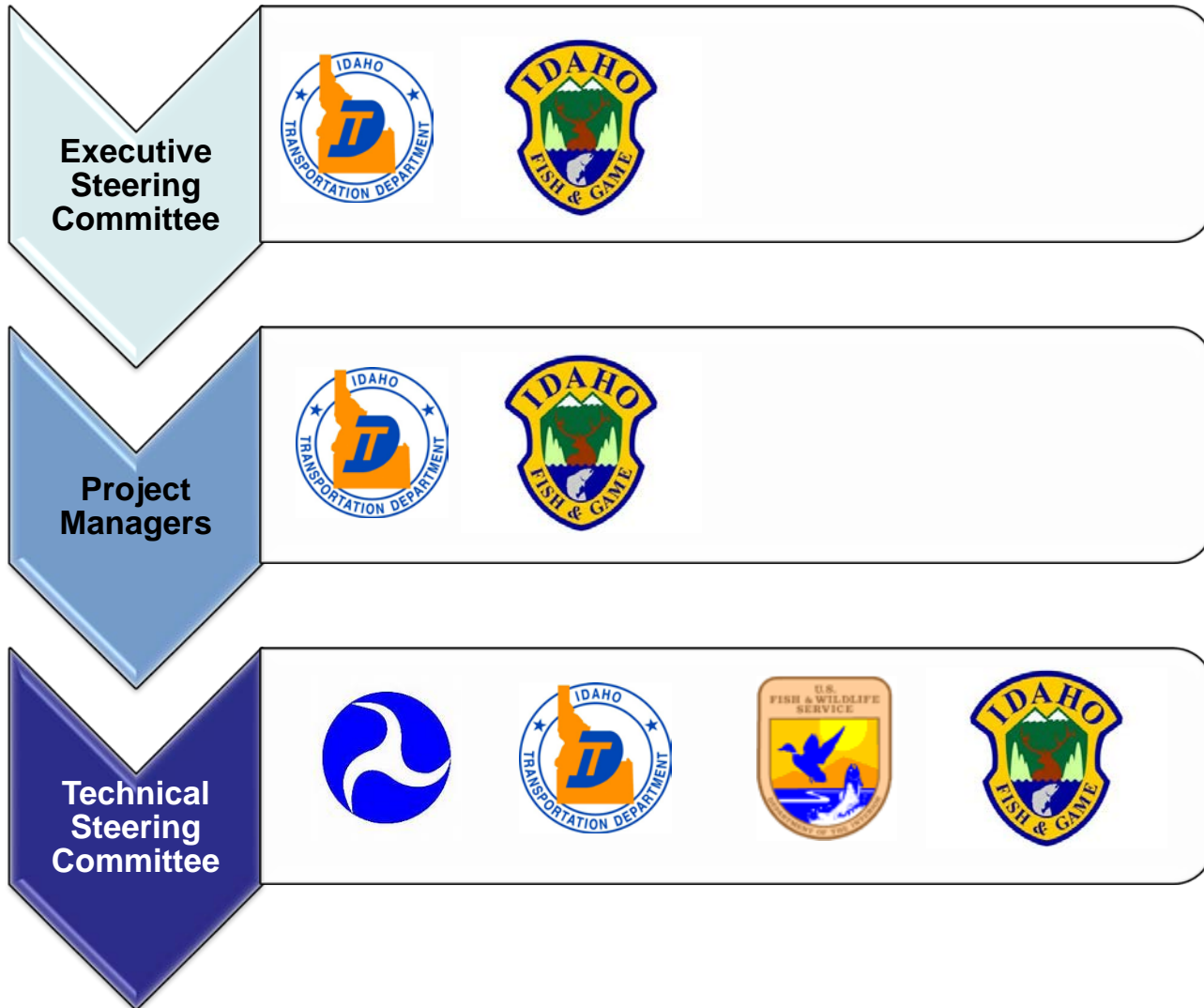


Idaho - Implementing Eco-Logical

- User Incentive - \$25k
- Lead Adopter - \$250k



Agency Roles



Unique Opportunities

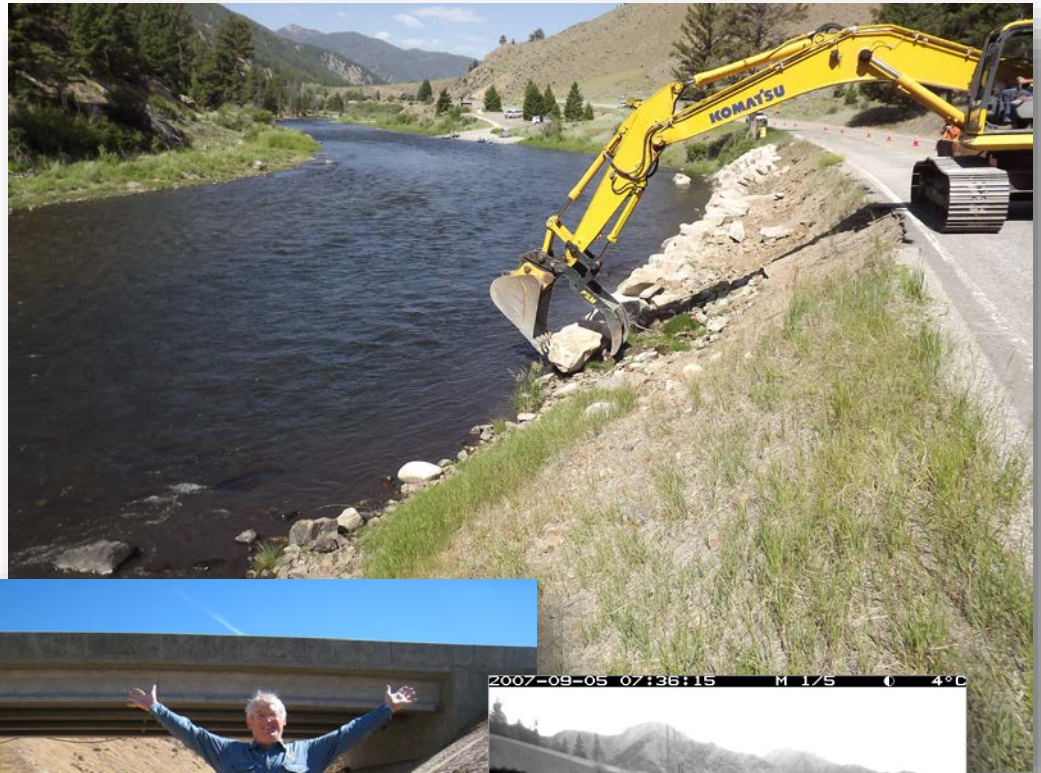
- Leverage results from ITD's concurrent Wildlife Vehicle Collision Prioritization Research project
- Collaboratively identify corridor specific data needs
- Refine and integrate two distinct agency applications
- Strengthen agency partnerships from execs to staff
- Leverage User Incentive as foundation for Lead Adopter



User Incentive

Objective:

- ITD is working to update and revise the current Memorandum of Understanding (MOU) between ITD and IDFG at the policy level.



Lead Adopter

Objectives:

- ITD is partnering with IDFG to improve sharing of data with ITD staff
- Refinement of “Species of Greatest Conservation Need” data layers along Idaho highways
- Establishment of data sharing protocols

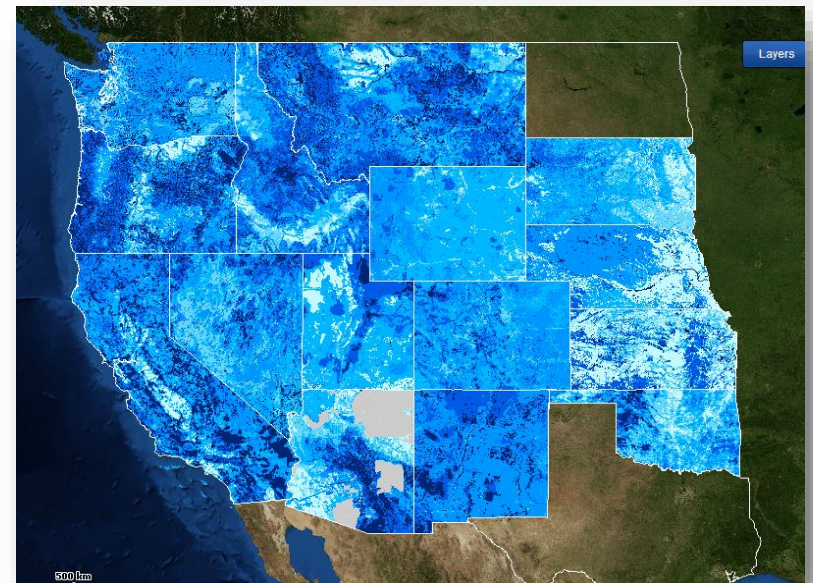
Result in saving time and money during highway planning as well as protecting the ecology along Idaho’s corridors



Idaho “CHAT” Tool

Western Governors’ Association **C**rucial **H**abitat **A**ssessment **T**ool

Designed to reduce conflicts and surprises while ensuring wildlife values are better incorporated into land use decision-making and large-scale conservation projects.



IDFG Opportunities:

- Refine data from 3 to <1 square mile hexagons
- Acquire outside resources to expedite analysis process
- Accelerate development of an Idaho “CHAT” tool

IPLAN

Web-based cloud portal that enables ITD staff and customers to view ITD and partnering agency data in a spatially enabled format.



ITD Opportunities:

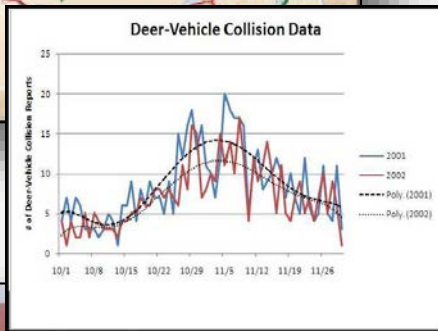
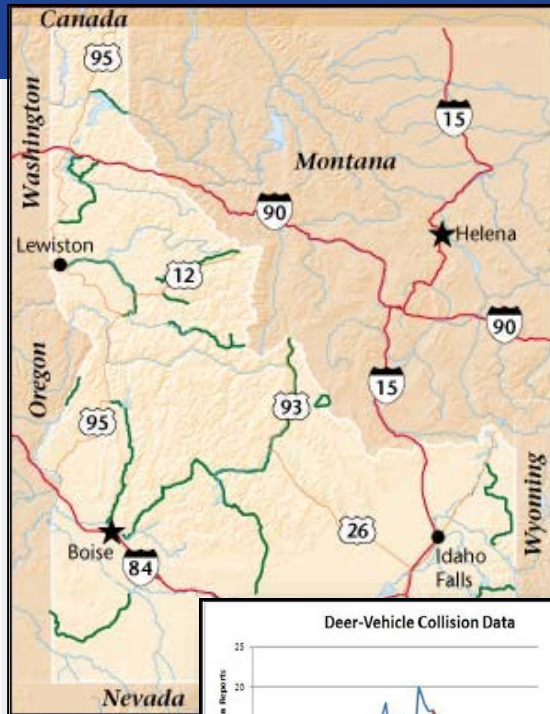
- Easy access to IDFG data and analysis
- Better communication and coordination with IDFG
- Assistance in consuming and displaying IDFG products

User Incentive - Expected Outcomes

- **Documented agreement** between ITD and IDFG for:
 - Sharing protocols
 - Development of a gap analysis on data delivery
 - Assessment and policy recommendations for collaboration



Lead Adopter - Expected Outcomes



- **Identified list of corridors for data refinement** on specific Idaho fish and wildlife species and habitats
- **Scaling specific IDFG datasets and analysis** to a more granular level for project planning
- **Incorporation of IDFG data** into IPLAN
- **Agency adoption of the tools** to include capstone presentations and training
- Idaho's another step in **moving PEL forward**

SHRP2 Value to Idaho

Implementing Eco-Logical will help us:

- Consolidate and coordinate our decision-making processes
- Refine CHAT data from the 16 western states perspective to Idaho specific
- Leverage momentum of IPLAN
- Improve/identify highly viable and strategic mitigation priorities
- Identify opportunities for key wildlife connectivity and mitigation components of MAP-21
- Meld transportation and conservation planning
- Obtain early buy-in from national, state and local stakeholders

Bottom Line

“This work is just a first step in demonstrating how integrating environmental priorities at the planning level can accelerate the development of projects and permitting, while avoiding or minimizing environmental impacts that require future mitigation.”

Virgil Moore, Director



*Idaho Department
of Fish and Game*



Bottom Line

“Safety is a top priority at the Idaho Transportation Department. Identifying locations for wildlife passages is another important step as we work toward our goal of zero deaths on Idaho highways.”



Brian Ness, Director

*Idaho Transportation
Department*

