

Mapping Partnership Conservation Activities for Wildlife & Fisheries



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USDA-Forest Service

2016

Capturing Program Accomplishments and Fostering Partnerships.

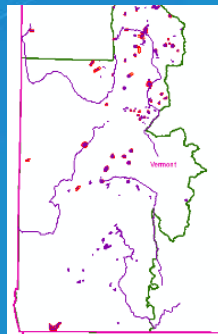
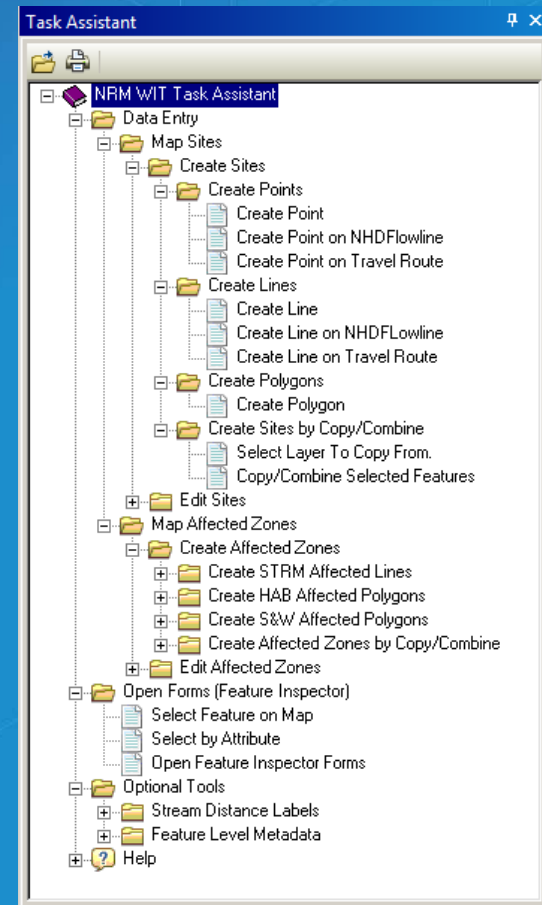
- USFS collaborates each year with 1000s of partners in conservation activities across the country.
- Business Requirement: The Wildlife & Fisheries programs track accomplishments, partner expenditures, In-Kind contributions to projects, and USFS-allocated dollars on projects.
- The USFS was moving to a spatially-based performance metrics reporting system.
- Evaluate partnerships and strategically improve/foster relationships.
- Impacts & trends over time.



Database Design

Building a spatial partnership reporting system

- **ArcMap 10.3.1**
 - Features a task assistant with spatial tools create an accomplishment based on standards and literature.
 - Create points, lines, polygons, multipoint, and multipart features.
- **Oracle Database 12c Enterprise Edition Release 12.1.0.2.0**
- **Forms for data entry for many metrics.**



The screenshot shows a data entry form with a table of funding data. The table has the following columns: BLI Code*, Description, Partner Allowed, Partner's Name, BLI Funded Amount, % of Contrib, and Partner In-Kind Contribution. The data is as follows:

BLI Code*	Description	Partner Allowed	Partner's Name	BLI Funded Amount	% of Contrib	Partner In-Kind Contribution
SRS2	Payments to States/Title-2	N		133	9.6	
PTNR-IN-KIND	Partnerships with non-monetary contrib	Y	Taylor County Sportsmen's Club	67	4.8	LABOR
CWRV	Cooperative Work Knutsen-Vandenberg	N		226	16.2	
NFWF	Wildlife and Fisheries Habitat Mgt	N		666	47.9	
PTNR	Partnerships with monetary contribution	Y	State of Wisconsin	203	14.6	
PTNR	Partnerships with monetary contribution	Y	Ruffed Grouse Society	76	5.5	
PTNR	Partnerships with monetary contribution	Y	National Wild Turkey Federation	20	1.4	

The Watershed Improvement Tracking Database

Accomplishment reporting for wildlife & fisheries, and partnerships.

Details in the financial form below are tied to the spatial component.

Activity for Site Location: MPF Lost Lake HWT/MD-8.6 ac - 8.641 Acres

Activity ID: 2014 Lost Lake HWT/MD-mow

Activity Name: Lost Lake HWT mow

Activity Type: Wildlife Hab Improved-Game

Essential Project Status: []

Activity Priority: []

Program Area: Wildlife

NEPA Completed: Yes

Wyden Auth: []

Activity Plan Phases		Year-End Accomplishments - Initiatives			Financial Instruments		Plan Phase Comments				
Phase Type	Planned Fiscal Year	Total Estimated Cost	Planned Activity Acres	Planned Activity Miles	Planned Stream Miles Accessed	On-Ground Comp. Date	Total BLI Funded Amt	Planning Rule	Actual Cost	Acres Completed	Miles Complete
IMPLMNT	2014		8.00				1391			8.00	

BLI Code	Description	Partner Allowed	Partner's Name	BLI Funded Amount	% of Contrib	Partner In-Kind Contribution
SR52	Payments to States/Title-2	N		133	9.6	
PTNR-IN-KIND	Partnerships with non-monetary contrib	Y	Taylor County Sportsmen's Club	67	4.8	LABOR
CIVKV	Cooperative Work Knutson-Vanderberg	N		226	16.2	
WFV/F	Wildlife and Fisheries Habitat Mgt	N		666	47.9	
PTNR	Partnerships with monetary contribution	Y	State of Wisconsin	203	14.6	
PTNR	Partnerships with monetary contribution	Y	Ruffed Grouse Society	76	5.5	
PTNR	Partnerships with monetary contribution	Y	National Wild Turkey Federation	20	1.4	

Partners contributed dollars and labor to the project.

JENCINAS editing for the CHEQUAMEGON-NICOLET NATIONAL FOREST

Metrics for Mapping Partnerships

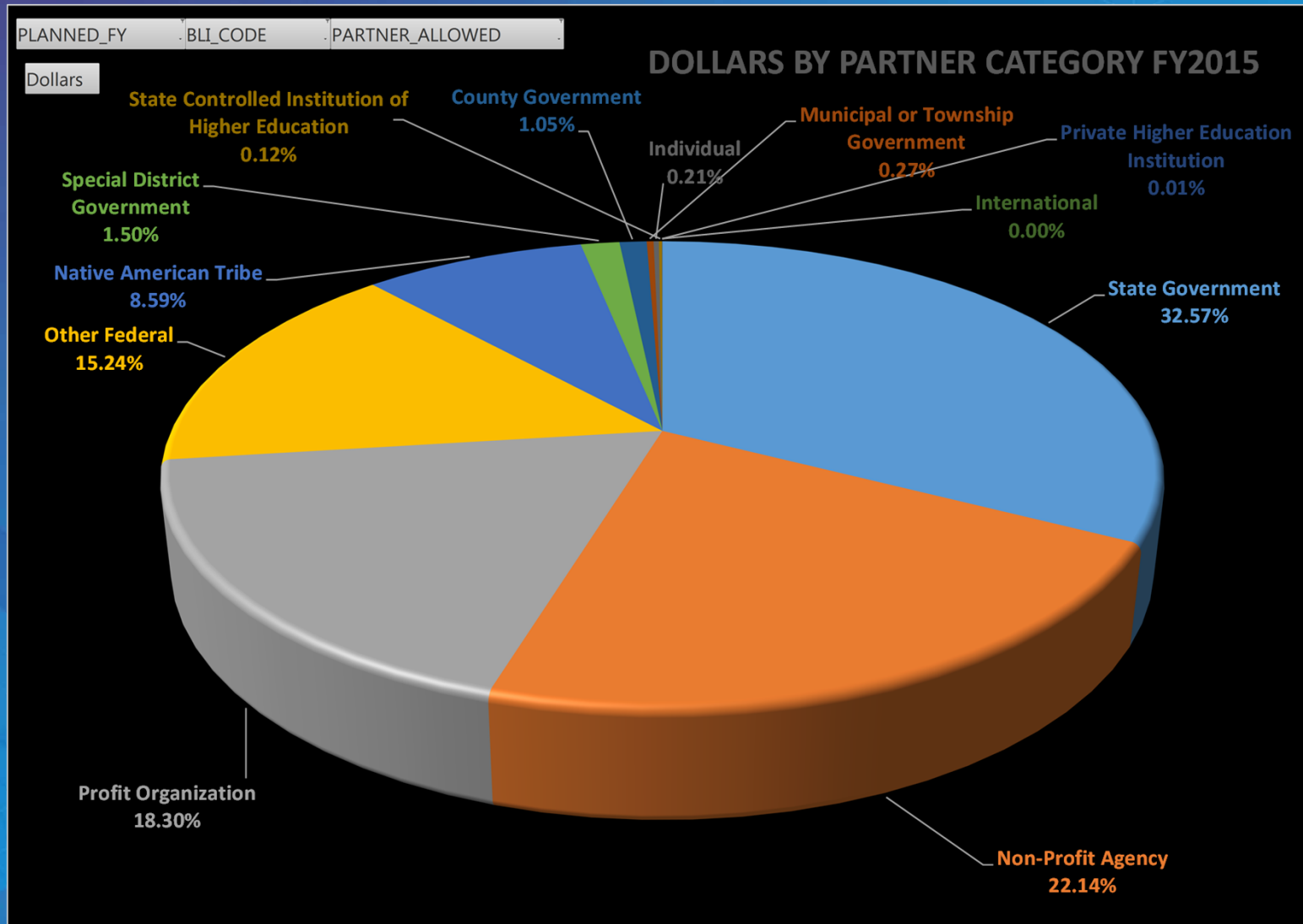
- Strategic mapping at multiple scales.
- Mapping across the U.S.
- Mapping the top 25 Partners.
- Mapping by Individual Partner.
- Mapping by Partner Categories.
- Mapping by Activity.
- Create Heat Maps.
- Creating Story Maps.

Partner Categories	FUNDED_AMOUNT
Other Federal	\$6,509,000
State Government	\$1,467,900
(blank)	\$376,900
Non-Profit Agency	\$313,393
Special District Government	\$600
Native American Tribe	\$0
Legacy-DO NOT USE	\$0
Profit Organization	\$0
Grand Total	\$8,667,793

Partners	Sum of Dollars
Chevron Mining Inc.	\$6,500,000
Lower Columbia Fish Recovery Board	\$2,650,000
Nez Perce Tribe	\$2,396,751
Bureau of Reclamation	\$2,140,775
Washington Department of Transportation	\$1,731,000
New Mexico Department of Game and Fish	\$1,630,953
Oregon Department of Transportation	\$1,532,658
Federal Highway Administration	\$1,500,100
State of California	\$1,500,000
Bureau of Land Management	\$1,440,000
Oregon Watershed Enhancement Board	\$1,120,104
Pacific Gas and Electric Company	\$1,100,000
National Forest Foundation	\$1,025,925
Kentucky Department of Fish & Wildlife Resources	\$1,009,895
Yakama Nation	\$990,000
State of Wyoming	\$900,000
Fish and Wildlife Service	\$878,086
Idaho Department of Transportation	\$878,000
New Mexico State Forestry Division	\$830,990
Natural Resources Conservation Service	\$817,840
Minnesota Department of Natural Resources	\$815,609
Snake River Salmon Recovery Board	\$741,950
North Carolina Wildlife Resources Commission	\$734,272
Rocky Mountain Elk Foundation	\$723,143
Trout Unlimited, Incorporated	\$664,341
Grand Total	\$36,252,392



FY2015 Snap shot of Partner Financial Contributions



- Questions?
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