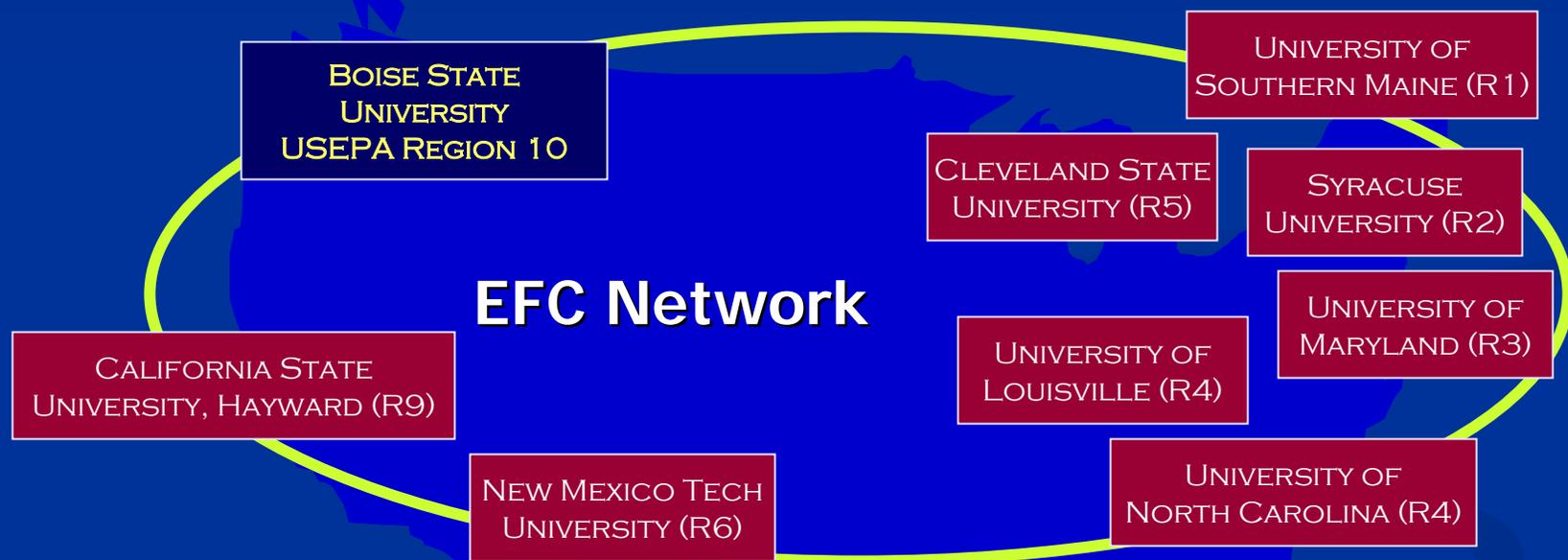


Financing Sustainable Watersheds



*Bill Jarocki
Environmental Finance Center
Boise State University*

EPA's University-Based Environmental Finance Centers: Working on the "How to Pay" Issues of Environmental Compliance



Macro and Micro Environmental Finance



Macro - EF

Watershed Finance
Regionally Oriented
Non-Point Source

Micro - EF

Utility Finance
Community Oriented
Point Source

Macro – Environmental Finance Programs

Watershed Financing Workshops

DIRECTORY OF WATERSHED RESOURCES (Web-Based)

Watershed Funding Interactive Database Replicated for Region 4 by University of North Carolina

Strategic Planning for Watershed Improvements

Plan2Fund™

Lower Boise River Pollution Trading Project

Infrastructure Financing Assistance

Alternative Financing Methods

Guidebook of Financing Tools

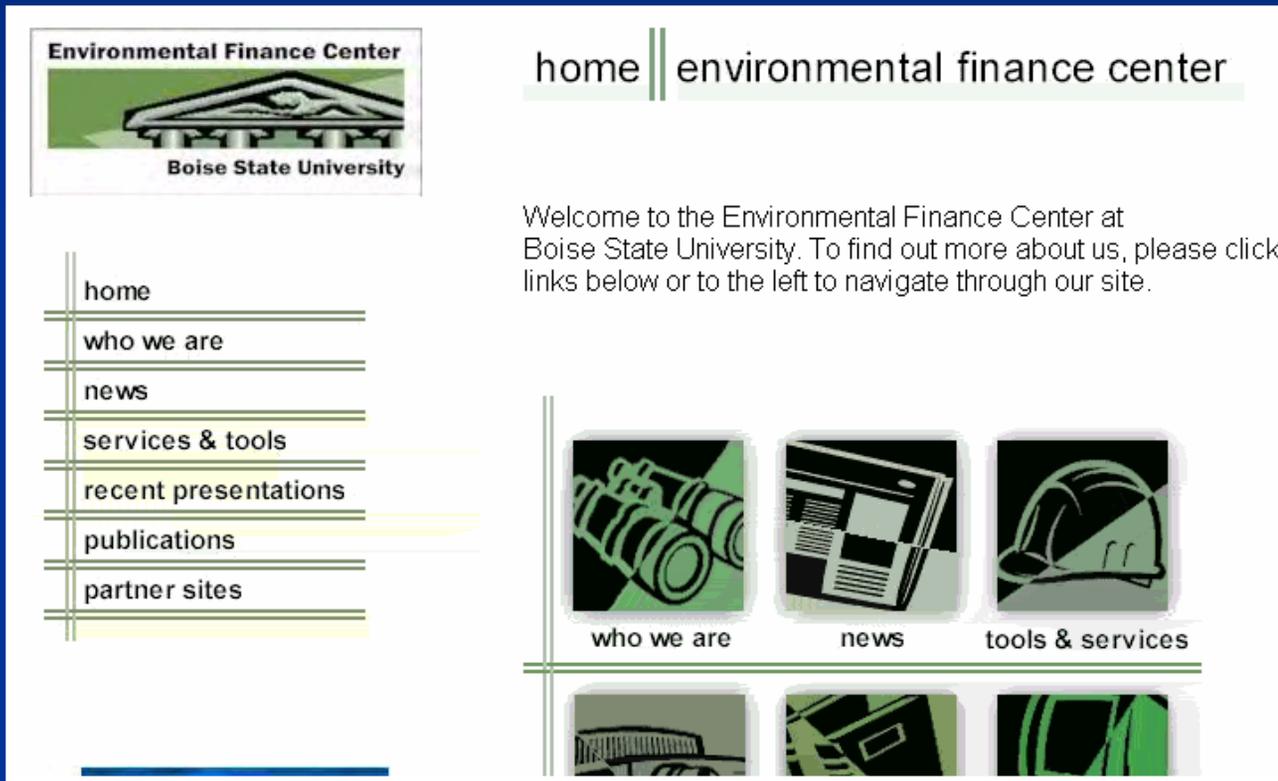
Brownfields Project Assistance

Community Charrettes: Jerome, ID; Pocatello, ID; Newberg, OR;

Siletz Tribe, OR; Chiloquin, OR

Agency Charrettes: Lower Boise Watershed Stakeholders,
EPA Region 10

Building Financial & Management Capacity Through Research, Training and Assistance



The screenshot shows the website for the Environmental Finance Center at Boise State University. At the top left is the logo, which includes the text "Environmental Finance Center" and "Boise State University" above an image of a classical building. To the right of the logo is a navigation bar with "home" and "environmental finance center" links. Below the logo is a vertical menu with links: "home", "who we are", "news", "services & tools", "recent presentations", "publications", and "partner sites". The "services & tools" link is highlighted with a yellow bar. To the right of the menu is a welcome message: "Welcome to the Environmental Finance Center at Boise State University. To find out more about us, please click links below or to the left to navigate through our site." Below the message are three icons: a telescope, a newspaper, and a hard hat. Under each icon is a label: "who we are", "news", and "tools & services". At the bottom of the page, there are three more icons, partially visible.

Environmental Finance Center
Boise State University

home | environmental finance center

Welcome to the Environmental Finance Center at Boise State University. To find out more about us, please click links below or to the left to navigate through our site.

home
who we are
news
services & tools
recent presentations
publications
partner sites

who we are | news | tools & services

<http://sspa.boisestate.edu/efc>

This is what we've learned...

In pure public finance terms, watershed funding is one of the most difficult funding challenges.

This is because cost, organizational, intergovernmental and time factors are more complex in watershed restoration than in any other environmental finance setting.

If this is so...

Recognize that there never has been, nor will there ever be, enough public funding available to get the job done.

Utilize the existing watershed framework to create a funding strategy that uses the skills and strengths of stakeholders, in coordination with multiple funding sources, to realize implementation of plans and reach objectives.



Courtesy of Conservation Ontario

Each land use and activity has different funding options.



Forest Stewardship Program
Forest Legacy Program
American Forest Foundations



Community Development Block Grants
Greenspaces Program
Alaska Conservation Foundation
Sustainable community grants



EQUIP
Alaska Commercial Fishing and Agriculture Bank
319 Non Point Source Grants

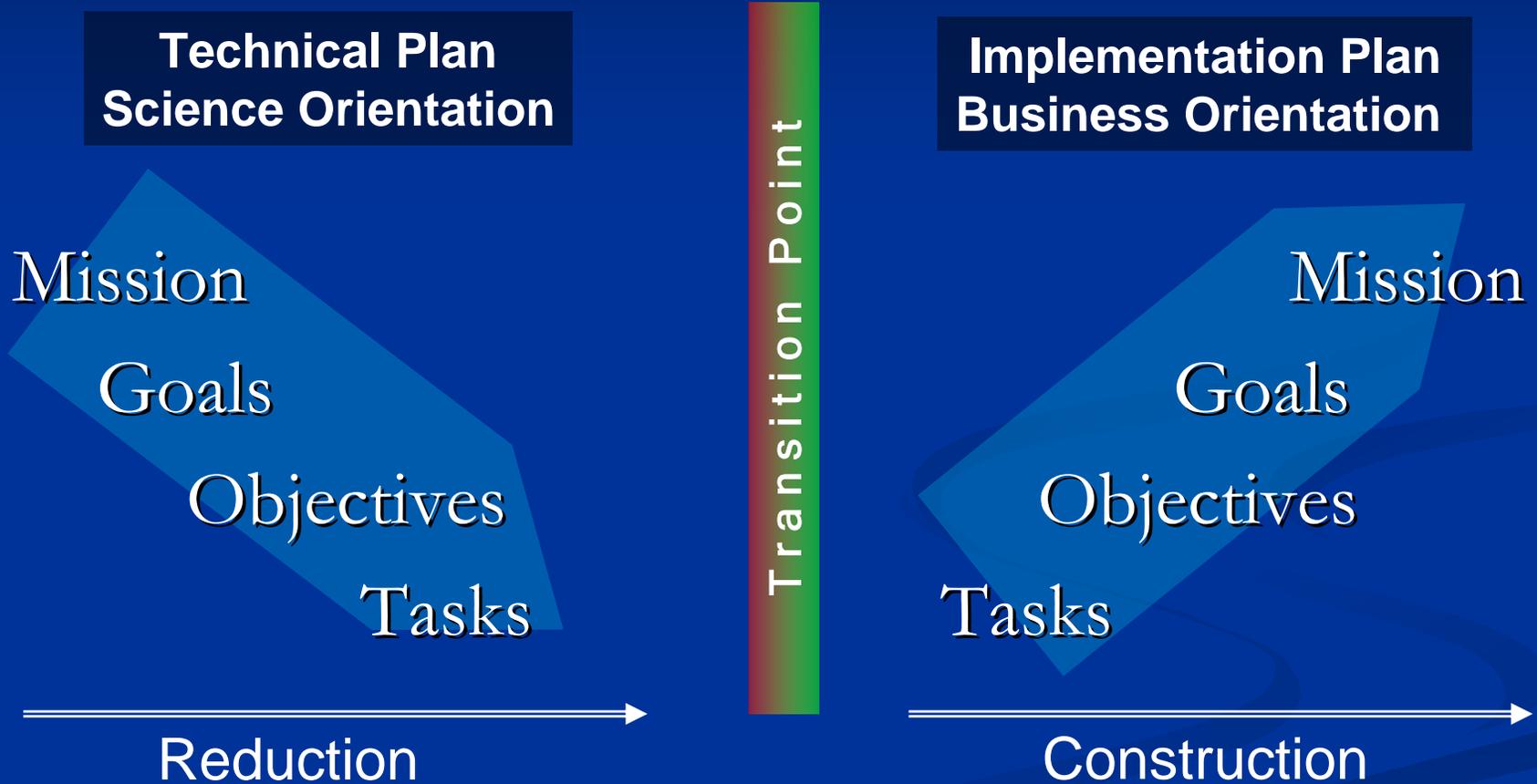
A Holistic approach...

- Broad-based sources of funding leads to broad-based support for your objectives
- Think creatively about issues related to finance.
- Create a visionary strategic funding plan that relies on diverse sources of funding.

Developing a Multi-Year Financial Strategy with Plan2Fund



Planning to Implementation Transition



Watershed Planning: Using the Classical Planning Process



As we move from Mission to Goals - and then to Objectives - more specific information is revealed that is essential for implementation...

Mission Statement

Goal

Goal

Goal

Objective

Objective

Objective

Objective

Objective

Objective

Objective

Objective

Objective

Mission Statement

Goal

Objective

Task

Task

Task

Task

Objective

Task

Task

Task

Task

Labor
Materials
Contracts
Administration
Other

= \$ for Labor, \$ for Materials, \$ for Administration...

Mission Statement

Goal

Goal

Goal

Goal

Objective

What do we do first?

Which task do we fund first?

How do we pay for all this?

Objective

Task

Objective

Task

Objective

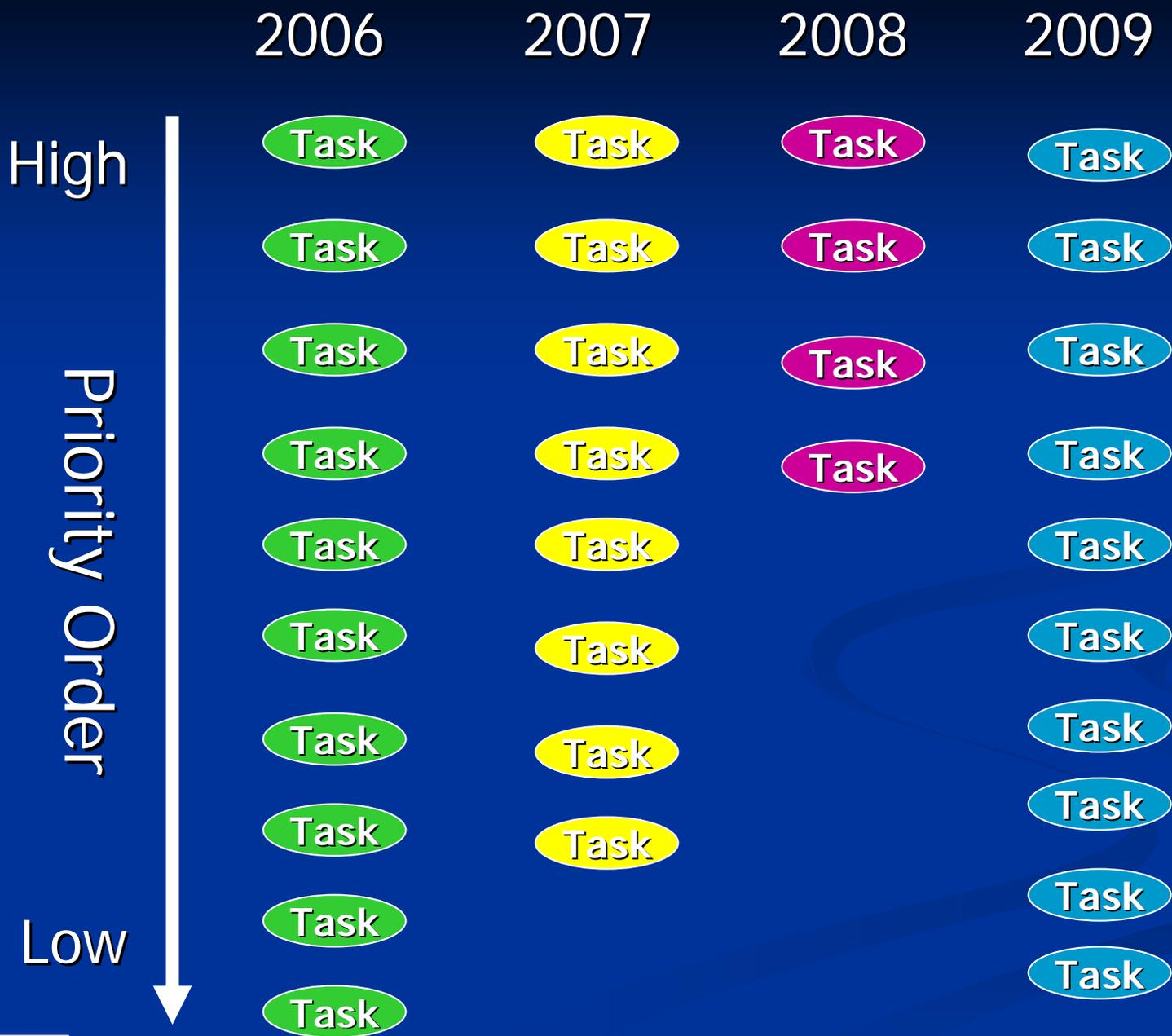
Task

Objective

Task

Since tasks can't be accomplished simultaneously, tasks should be assigned to different years...





Directory of Watershed Resources

Federal Funding
State Funding
Private Funding

*Directory
of Watershed
Resources*

<http://efc.boisestate.edu>

Other Resources (Links)

- **Grants.Gov**

Grant opportunities from all 26 federal grant-making agencies.

<http://www.grants.gov>

- **Catalog of Federal Funding Sources for Watershed Protection**

Searchable database of federal financial assistance sources (grants, loans, cost-sharing) available to fund a variety of watershed protection projects

<http://cfpub2.epa.gov/fedfund/index.cfm>

Other Resources (Links)

- **Water Quality Information Center: Funding Sources for Water Quality** Links to federal funding programs
<http://www.nal.usda.gov/wqic/funding.html>
- **The Rural Information Center, Federal Funding Sources for Rural Areas Database**
<http://grande.nal.usda.gov/ric/funding.php>
- **Foundation Center:** online database of foundation grants. (membership charge)
<http://www.fdncenter.org>

Questions



Financing Sustainable Watersheds



Bill Jarocki
Environmental Finance Center
Boise State University
(208) 426-4293
bjarock@boisestate.edu