

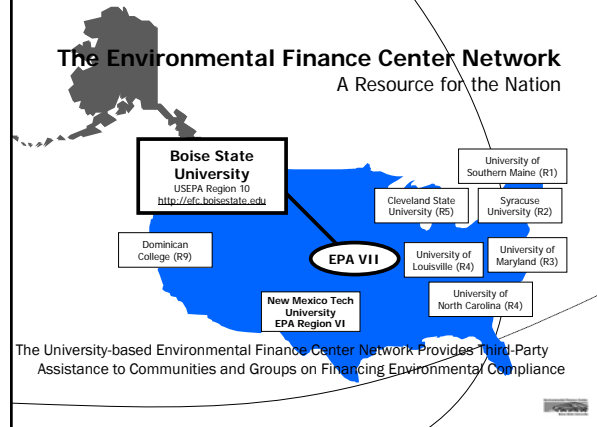
## Financing Watershed Implementation Tools for Implementing the Vision

Texas Watershed Planning Short Course  
January 16, 2009

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Satellite Environmental Finance Center  
Boise State University

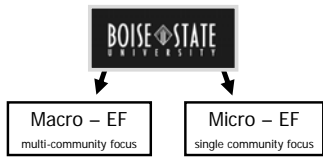


## The Environmental Finance Center Network A Resource for the Nation



The University-based Environmental Finance Center Network Provides Third-Party Assistance to Communities and Groups on Financing Environmental Compliance

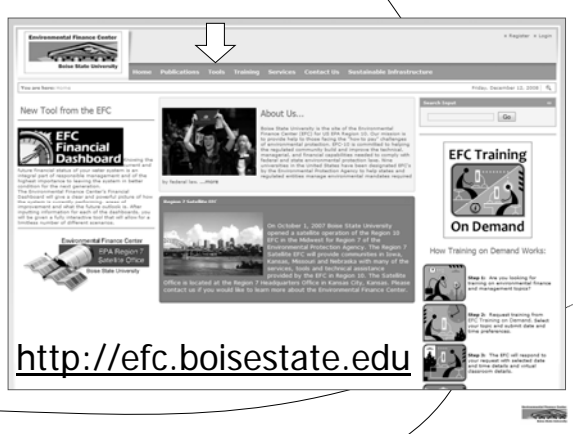
The Center Provides Services to Communities on the "How to Pay" Issues of Environmental Compliance



- Watershed restoration finance
- Non-point source pollution reduction
- Watershed financing database
- Community charrettes
- Strategic planning tools for local decision-makers
- Strategic decision models
- Water system finance & management
- Wastewater finance & management
- Utility rate setting tools & training
- Asset management and "gap" financing
- *Guidebook of Financing Tools*
- Brownfield redevelopment financing
- Financial & management capacity measurement & technical assistance
- Financial analysis for exemptions

## BSU's EFC Creates Tangible Software Tools Designed to Save Communities Time and Money

Download these tools at <http://efc.boisestate.edu>



<http://efc.boisestate.edu>

*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.

It makes sense to utilize the existing watershed framework to develop an implementation strategy that has multiple funding options.

Creating a funding strategy uses the skills and strengths of stakeholders, in coordination, to realize implementation of plans and reach objectives.



Our tools have been created based on the Watershed Approach pioneered by the University of Maryland EFC: What is it?

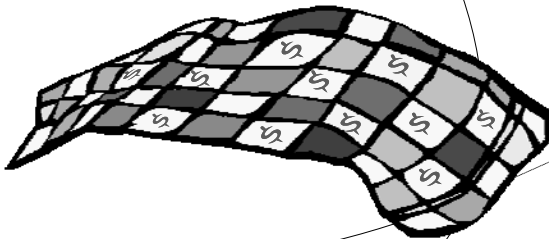
- Examining all sources of the problem
- Visioning potential outcomes
- Prioritizing activities
- Building consensus and cooperation
- Leveraging resources
- Accomplishing goals



Environmental Finance Center  
THE UNIVERSITY SYSTEM OF MARYLAND

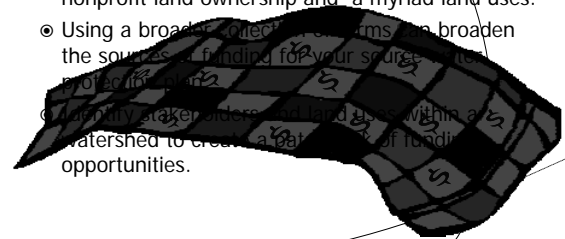


## Financing Watershed Protection with a "Community Quilt" approach



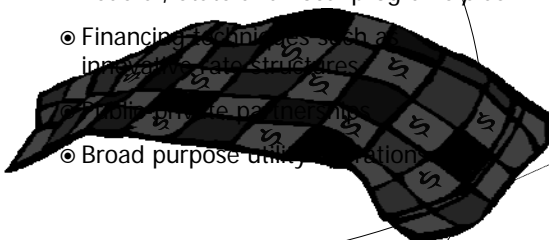
## "Community quilt" concept of financing

- The Watershed is a mosaic of public, private and nonprofit land ownership and a myriad land uses.
- Using a broader concept of funds can broaden the sources of funding for your source water protection efforts.
- Community stakeholders and land owners within a watershed to create a patchwork of funding opportunities.



## Creating the Quilt

- Federal, State and Local programs *plus*
- Financing techniques such as innovative rate structures, revolving private partnerships
- Broad purpose utility cooperation



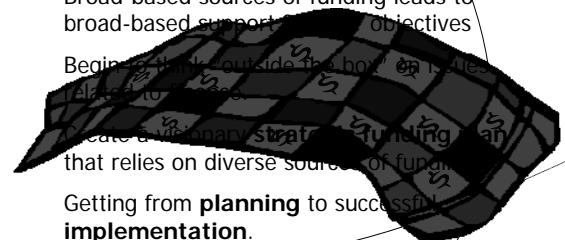
## A Holistic approach...

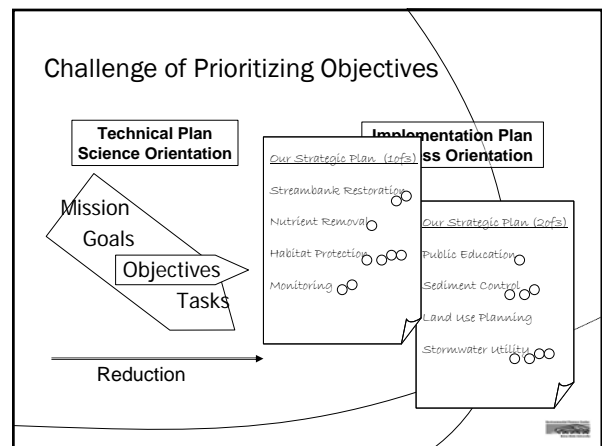
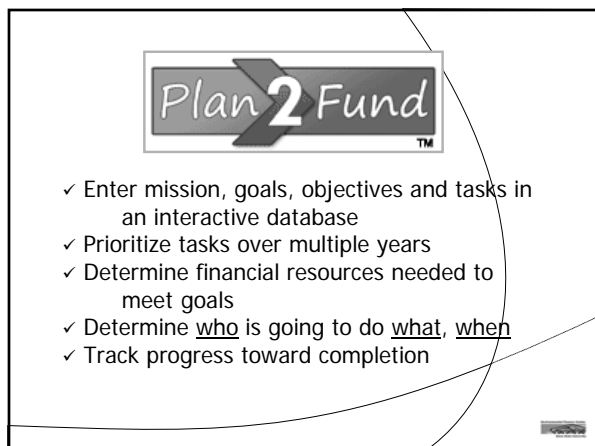
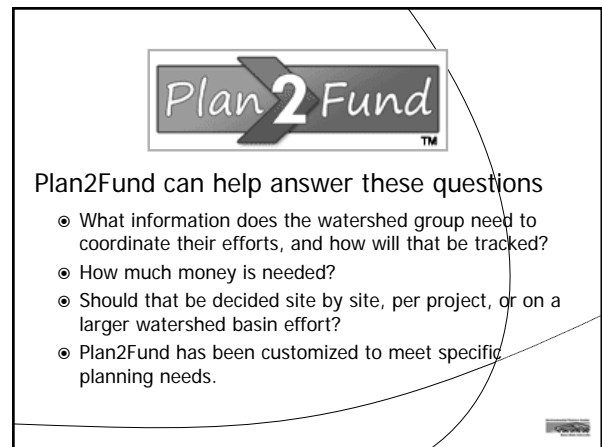
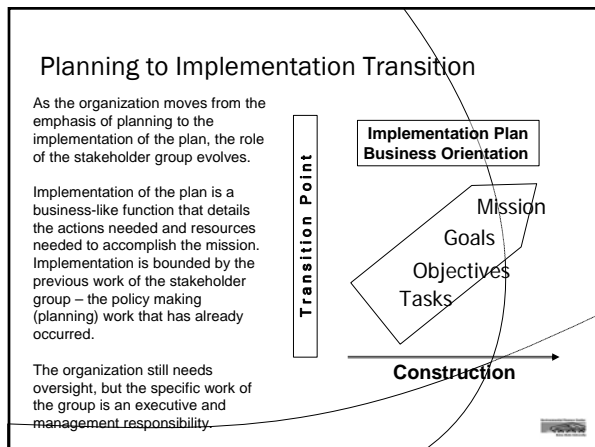
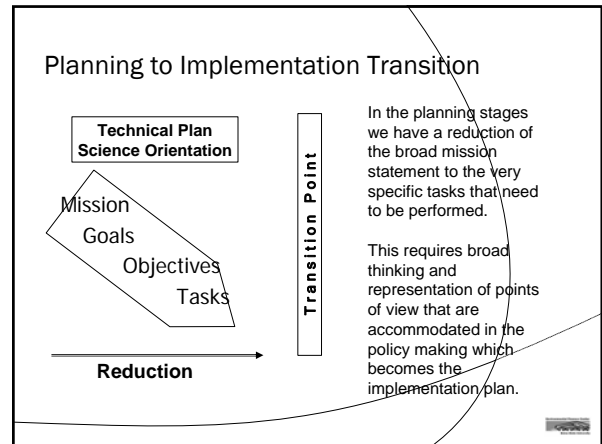
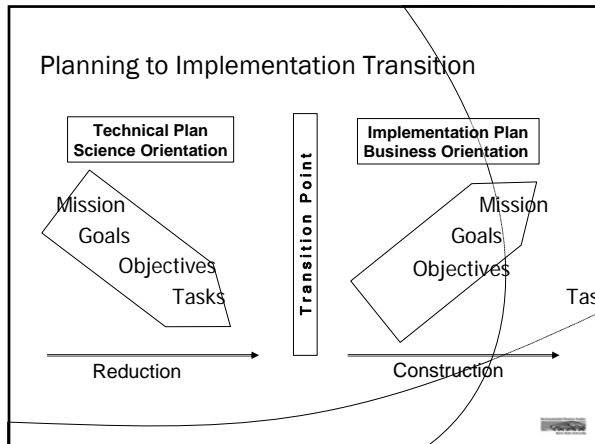
Broad-based sources of funding leads to broad-based support for objectives

Begin to think "outside the box" on issues related to funding

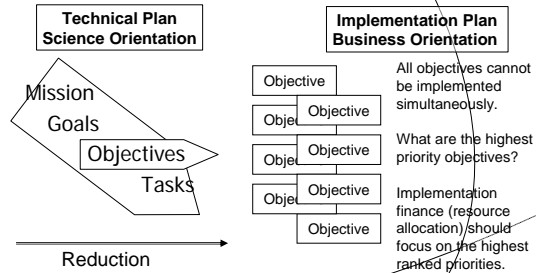
Create a visionary strategy funding plan that relies on diverse sources of funding

Getting from **planning** to successful **implementation**.





## Key Issues of Prioritization



**Plan2Fund OPT** is designed to help stakeholder groups save time and energy when moving toward implementation of their strategic plans.

**Plan2Fund OPT** is a web-based decision model built in *DotNetNuke* that helps you build consensus on the rules you will use in evaluating competing objectives.

Once a group comes to agreement on the decision rules they will use in evaluating their strategic objectives, they can determine the scoring system that will be used to rank the objectives against their rules.

## This is how OPT improves the prioritization process

	Decision Rule 1	Decision Rule 2	Ranking After Score and Weight Applied
Objective	High	Yes	1.0
Objective	High	No	.83
Objective	Medium	Yes	.67
Objective	Low	Yes	.35

## Plan2Fund OPT Consensus Process

1. Identify and enter strategic plan objectives.
2. Identify and gain consensus on decision rules.
3. Achieve consensus on how decision rules will be scored.
4. By consensus, assign weighting to decision rules.
5. Compare results.
6. Share information.



What are the potential sources of money for implementing a watershed improvement strategy?

Alternative Funding and Partnering Techniques  
Local Government Revenue  
Generating Programs  
Private Funding Organizations  
Public Funding Programs



## Search for Implementation Funding



An on-line, searchable database of financial resources for watershed restoration in Maine, Connecticut, Massachusetts, New Hampshire, Rhode Island, Vermont, Maryland, West Virginia, District of Columbia, Pennsylvania, Delaware, Virginia, Arkansas, Missouri, Oregon, Idaho, Washington and Alaska.



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

Paste this link in your web browser address bar, then click on "Register" to begin.



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