



Industrial Energy Best Practices Conference

Learn How to Save Money Now!

January 17, 2005

Oregon Convention Center, Portland

What it is all about!



Energy Reduction

Boise Cascade LLC

- Team Brain Storming, meet once every 2 weeks
- Members are drawn from all departments
- Focus on low cost process improvements
- Capital projects normally require a 2 yr payback.
- Key variables are tracked continuously for energy efficiency in each process.
- Working with Pacific Power to identify attractive electrical savings opportunities.

Energy Opportunities

Boise Cascade LLC

- Get organized
- Keep looking
- Measurement systems
- Outside resources
- Best Practices

Taking A Systems Approach to Loads

Weyerhaeuser

❑ **Performed Two Site Wide Assessments**

- ❑ Both multi-businesses manufacturing sites
- ❑ One performed with DOE PWA matching funds
- ❑ Second replicated with internal funding

❑ **Developed Three Step Process**

- ❑ *Site-Wide Opportunity Systems **Discovery***
- ❑ *Prioritized Systems Level **Development***
- ❑ *Systems Efficiency **Delivery Plan***



Key Learning

- ❑ Taking A System Perspective Requires A Shift In Thinking From Both Operating And Optimizing The System – An Education Process Becomes A Key Part Of The Approach
- ❑ Load Modeling Can Be An Effective Tool To Identify High Impact Target Systems
- ❑ Measured Baseline Profiles Supporting System Analysis Techniques And Tools Can Insure That High Impact Opportunities Are Realized

Achieving productivity requires process, strategy, execution and endless determination.....

Frito Lay

- Set A Big Challenge
Little Goals Produce
Little Results
- Create A Team
Every Site Needs
Experts With
Enthusiasm
- Budget
We're All Driven
By The Numbers
- Scorecard
The Budget Won't
Show The
Opportunities
- Audit
Demand Success &
Help To Achieve It
- Innovate
You Know Your Own
Business Best
- Execute
The Best Laid Plans ...
Are Still Just Plans
- Communicate
Results
Share The Stories &
Rewards Of Success

Partnerships with Internal and External SME's to Fill Pipelines

- Set a Big Challenge

- Create a Team

- Budget

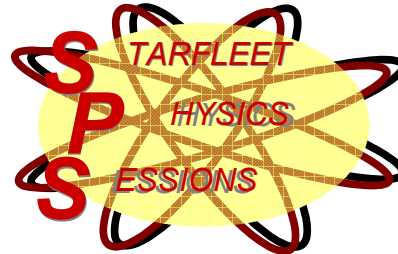
- Scorecard

- Audit

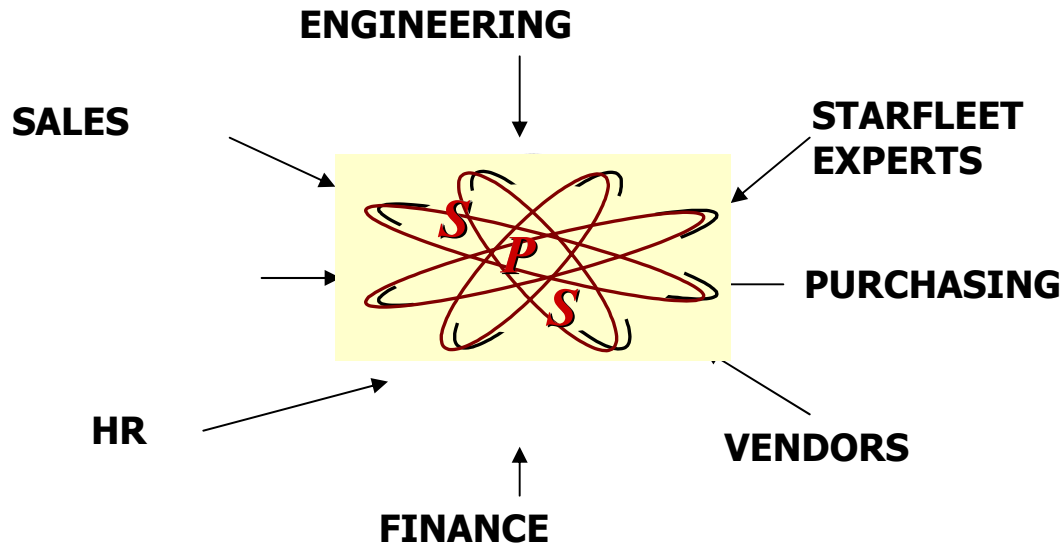
- Innovate

- Execute

- Communicate Results

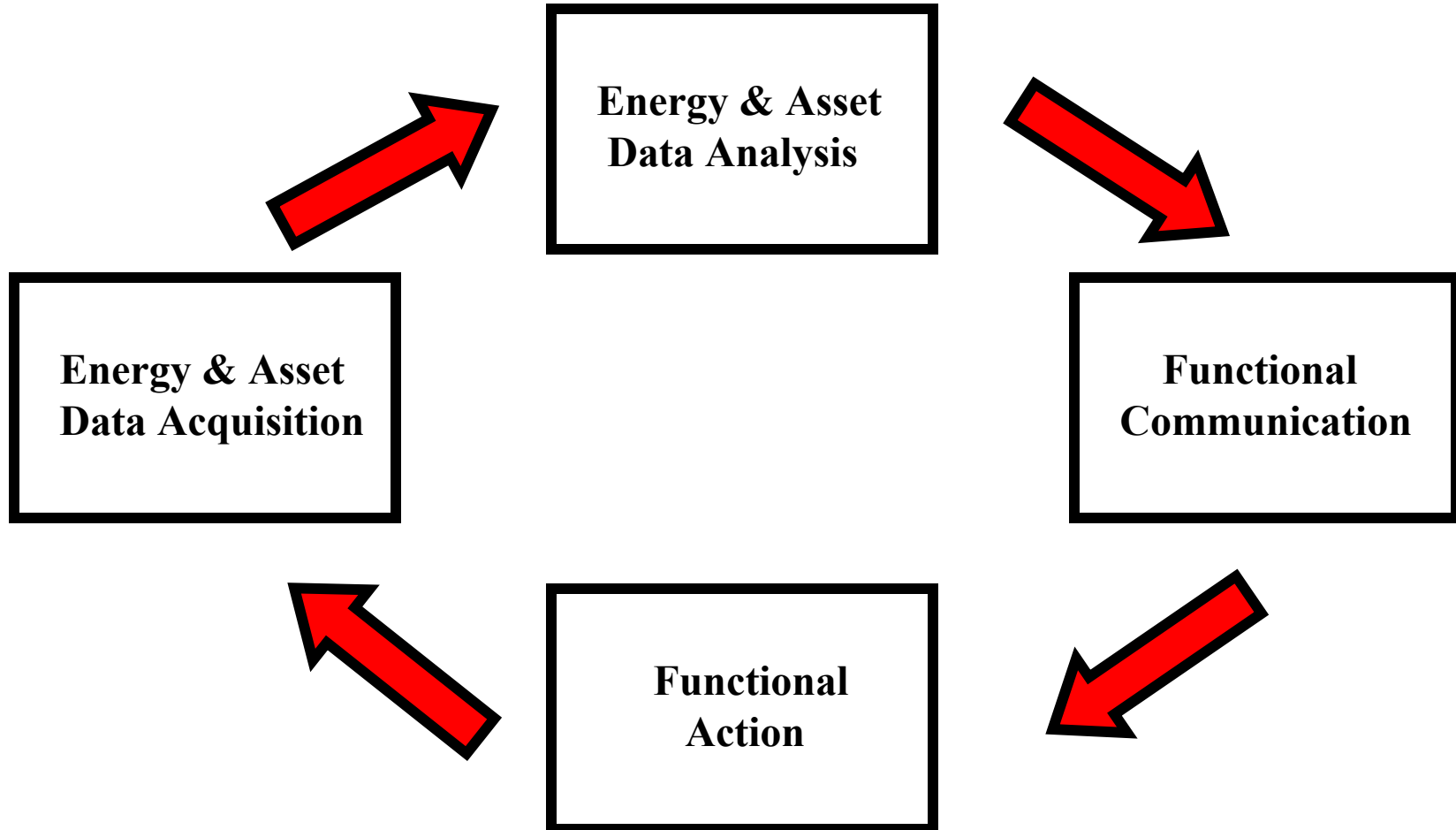


Identify, Develop and Implement a Broad and Deep Cross Functional Portfolio of Innovative Ideas



Energy & Asset Management Operational Cycle

Del Monte



Waste is *anything* that is not an asset, and *nothing* but a lack of imagination.

Albertsons, Inc.

Environmental Mission Statement

I have not failed. I've discovered
one thousand ways how not to
build a light bulb.

Thomas Edison



John Ryan

John will spend a few minutes giving some numbers of people interested in training sessions.

No slide here.



Attendee Input Here

Interactive session, with feedback from the audience, and Mark Hamilton taking flipchart notes .

No slide here.



-- Northwest Energy Team --
Coordinating Resources for Industry

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Utilities

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Coordinating Resources for Industry

EnergyIdeas Clearinghouse

www.EnergyIdeas.org or 800-872-3568

EERE Information Center

www.eere.energy.gov/informationcenter or 877-337-3463

***For more information on all of these
resources, visit the exhibit tables
at the back of the room.***



Next Steps

- Debrief session following conference to discuss path forward plans.
- Conference follow-up notes to attendees in February.
- Resource Providers and industry communicate proactively to identify needs.
- February Conference call to begin scheduling trainings for plants who have expressed needs.
- Draft training schedule for 2005/2006.