A Meeting Between the I²SL University Alliance Group (UAG) & Representatives from Federal Agencies

Webinar Conference Call: Sept 12, 2014, 1PM EDT

An initial meeting to share and explore ideas for connecting sustainability to research funding at universities
### I²SL University Alliance Group (UAG)

**Members from:**
- Univ. of Colorado-Boulder
- Univ. of Calif.- Santa Barbara
- Univ. of Washington
- Univ. of Calif.- Davis
- Univ. of Michigan
- Stanford
- Dartmouth

**Participation from:**
- Univ. of Calif.- Berkeley
- Univ. of Calif.- Irvine
- Johns Hopkins
- Univ. of Illinois- Chicago
- Univ. of Maryland
- Duke
- Colorado State Univ.
- Univ. of Calif.-LA
- Univ. of Penn
- Univ. of North Carolina
- Univ. of Calif. –SF
- Univ. of Florida

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<th>Univ. Research Labs</th>
<th>Portion SqFt</th>
<th>Energy Portion</th>
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<tr>
<td>CU-Boulder</td>
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<td>UC-Davis</td>
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Purpose of Call

• Explore the topic of connecting sustainability to university research funding
• Learn from each other
• Share ideas
• Are there ways we can work together?

Introductions- who is on the call?
Funding of Research on University Campuses
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Tax Dollars

Federal Grant

Direct Costs

Research

Procurement: Vendors & Manufacturers

F&A (Indirect Costs)

Dept Indirect Costs

University Indirect Costs
Funding of Research on University Campuses

Tax Dollars $ → Federal Grant $ → Federal Grant $ → University costs to support research

Direct Costs
- Research
- Procurement: Vendors & Manufacturers

F&A (Indirect Costs)
- Dept Indirect Costs
- University Indirect Costs

Pays for $ → University costs to support research

- Energy
- Water
- Trash
- Safety
- Maintenance
- Building Use
- Custodial Admin
- IT & More
Federal Grant $ Tax Dollars $ University costs to support research

1. University structure does not connect building occupants with consumption

Direct Costs
- Research
- Procurement: Vendors & Manufacturers

F&A (Indirect Costs)
- Dept Indirect Costs
- University Indirect Costs

 Univ. indirect costs pays for:
- Energy
- Water
- Trash
- Safety
- Maintenance
- Building Use
- Custodial
- Admin
- IT & More
Missing Sustainability Connections in Univ. Research Funding:

1. University structure does not connect building occupants with consumption
2. Granting process & spending of those dollars (direct costs)

Tax Dollars

Federal Grant $

Direct Costs
- Research
- Procurement: Vendors & Manufacturers

F&A (Indirect Costs)
- Dept Indirect Costs
- University Indirect Costs

University costs to support research
- Energy
- Water
- Trash
- Safety
- Maintenance
- Building Use
- Custodial
- Admin
- IT & More
Missing Sustainability Connections in Univ. Research Funding:

1. University structure does not connect building occupants with consumption
2. Granting process & spending of those dollars (direct costs)
3. Indirect costs (F&A) process

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Tax Dollars

Federal Grant $

Direct Costs

Research

Procurement: Vendors & Manufacturers

F&A (Indirect Costs)

Dept. Indirect Costs
University Indirect Costs

Pays for

University costs to support research

Energy
Water
Trash

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Are there win-win opportunities?

Common Goals for Fed Govt, Universities & others

- Increase effective use of tax dollars
- Reduce shared carbon footprint
- Increase energy efficiency
- Avoid increased federal expenditures

So we ask...

- Can research budgets benefit from conservation?
- Can university administrators gain support for indirect costs required for research?
- Can the federal govt avoid higher levels of spending to support indirect costs rather than direct costs?
1) Engaging Conservation at Universities:
There needs to be a means to communicate resource consumption with researchers and O&M staff and award them accordingly.
• Learn from other universities efforts to connect lab occupants with consumption
• Address lack of metering infrastructure
• Enhance training of O&M staff

2) Policy at Federal Granting Agencies:
There is a need for granting agencies to encourage grantees to address energy efficiency and environment sustainability when spending grant dollars (public’s money)
More thoughts from I2SL UAG

3) Finding Partners for Academia & Govt

For example:

- Engage energy/water utilities to support upgrades
  - Need to involve State Utility Commissions
  - Create specific lab-based utility incentive programs
  - Make sub-metering a required management tool

- Establish pilot test groups
  - Negotiate several academic research & utility partnerships utilizing the test policies & incentives
  - Implement a series of projects & test their results
  - Utilize a third-party project referee group to include I2SL, Fed Govt, & Commissions
Are there similar or related federal programs in development?

What ideas and thoughts do you have to share from the federal perspective?

Is there interest from the federal agencies in partnering with the I2SL’s UAG?

How can the I2SL University Alliance Group (UAG) be actively involved?
Can any of the federal gov’t representatives attend the 2014 I2SL conference?

An opportunity to meet and talk face to face:

I2SL UAG Working Group Meeting
Tues, Sept. 23, 2014 5-6:30PM EDT
I2SL Annual Meeting in Orlando (Sept 22-24)