

2008 IAC Student Meeting Round Table Discussion

Topic 1: Notes from the Field

Background: The team assigned to Topic 1 was asked to identify cool things they do at their school that are related to their center and their energy expertise.

- Alumni (Dayton) – unique experiences
- Department of Defense (SU – expanding client base)
- Supporting ESCO software development through testing (SU)
- Reducing Carbon Footprint of University (SU, MZ)
- Alternative energy on campus (biodiesel on campus – MZ)
- Using experience gained to help with research projects (Alabama)
- Partnership between IAC and Environmental Policy Studies programs (UDelaware)
- Partnership w/Engineers without Borders and Campus Plant operations (SFSU)
- Off-shore and international technical assistance (Puerto Rico – Miami, India – Michigan)
- Collaboration with private energy consulting firms (Michigan)
- Sharing info with other universities to start energy efficiency programs (Miami)
- Working with City of Columbia to meet renewable energy portfolio goals (MZ)
- Benefits – comparative advantage for US companies (NC)
- Competitive studies of police stations for City of Chicago – green versus conventional practices (UIC)

Topic 2: Sky's the Limit

Background: The team assigned to Topic 2 was asked to identify new ideas for exciting new experiences for IAC students and the centers.

Student Experience

Outreach Activities (internships/coops/workshops/classes/after school activities)
University Competitions – which university is most energy efficient
Scholarships
Connecting with financial entities (business school)
Athletics – “Green Games” (powered by renewable energy)

Enhanced Plant Interaction

Joint IAC Projects (2 IACs)
Extended operation with clients “Greater Relationship”
Joint plant recommendations (industrial parks)
Transportation
Process focus
Large multi-day assessments – include process and recycling ARs (from brainstorm sheet)

Outreach

Advertising/trade shows/branding
Community projects
Pro bono
Education

International
Utility Partnership

Improving Assessment Experience and Results

- Facilitate implementation with technical assistance from 3rd party industry consultants
- 2 or more days audit (a day or week earlier to do preliminary analysis)
- Quality versus Quantity (change in policy)
- Some kind of training (e.g. webcasts)
- Centers competing with others
- “Best Report of the Year”
- Green technology – market
- Explain new technologies
- Implementation feedback process more defined
- Make available more templates and unique ARs on the web
- Make DOE tools open source
- Social networking kind of stuff
 - PHAST, pumping, boilers, etc. “communities” [online]
 - Post questions and get answers quickly
- IAC BRAND (advertise)
- Foreign assessments

Start earlier – bring younger undergraduates into program

- Involve whole College of Engineering
 - More general – get all disciplines involved
 - All IAC students do basic stuff but different colleges’ students would take on specific types of audits
 - Involve professors in all disciplines
 - Have “GTech” type of class
- Club Meetings/co-programming with existing groups
- Free food/shirts (visibility)
- Huge banners (visibility)
- Affiliate with other groups – “center” approach
- Publicize environmental impacts
- Do assessment of university – get university administration behind you so they can push to expand Center
- IAC offer educational workshops tailored to different disciplines

International information push

- IACs “go international”
- Enlist IAC alums [and students]
 - Make connections
 - Find out who big energy users are at home
 - Spread the word – use email, etc.