

## How Do We Know That a Campus (or the System) is being sustainable?— Developing measurable Performance Goals

for Discussion June 13, 2013

### Two-step process

- What do we want to measure?
- How do we measure those aspects we wish to measure and what are their performance targets?

### Suggestions regarding how to choose what we want to measure from the Sustainability Executive Summary I attended

- Measure Outcomes, NOT outputs. Example: Not number of brochures, but changes in behavior
- We can try to change 5-6 behaviors at a time, not more
- Don't take on a behavioral change you can't change?
- Choose the changes that are possible and are most impactful?

**What do we want to measure?**—Possibilities taken from the Sustainability Policy Draft. See “Implementation Strategy” document for more detail. My initial thoughts about these are in italics

- Continued Operations—reduce ecological footprint in the following areas
  - Buildings—*Since UHCC works through UHCC architects, I suggest this is a system goal, not individual campus goal* **I THINK IT MAY BE MORE PRUDENT FOR THIS TO BE HANDLED BY EACH CAMPUS WITH A COMMITMENT FROM THE SYSTEM TO REQUIRE X% OF A PROJECT FUND TO BE DEDICATED TO SUSTAINABILITY. MONIES ARE ALWAYS TIGHT BUT IF THE CAMPUS IS COMMITTED TO GO GREEN, THEY MUST STAND FIRM TO MAKE IT A PROJECT REQUIREMENT. THE REASON I THINK THIS NEEDS TO BE HANDLED BY EACH CAMPUS IS BECAUSE EACH CAMPUS DICTATES THEIR PROJECT PRIORITIES, NOT THE SYSTEM.**
  - Climate Protection—Track, report and minimize greenhouse gas emissions (*and establish a plan for becoming carbon neutral—but this is a “either you have one or you don't so doesn't seem to lend itself to being an ongoing performance measure*)
  - Food Systems—Prioritize purchasing local, sustainable food and other products

- Energy—through conservation, efficiency and renewable energy so *maybe the measurable outcome is energy usage* **THROUGH CHEVRON OR JOHNSON CONTROLS**
- Grounds—impart a Hawaiian Sense of Place through landscaping, signage and gathering places to enable social and cultural sustainability
- Purchasing-Institute Green Purchasing Policy; Strive to integrate sustainability criteria into vendor selection—*I don't see how we would measure these so this area doesn't seem like a good one?* **FROM A FACILITIES STAND POINT – THERE ARE GREEN CLEANERS, PRODUCTS, ETC THAT CAN BE USED BY THE JANITORS. WINDWARD HAS SOME STANDARDS THAT WE HAVE BEEN SHARING WITH ALL FACILITIES MANAGERS.**
- Transportation –reduce single occupancy vehicle trips; support optional models of transportation; Establish campus policies related to fuel efficiency and sustainability for campus fleet. **OTHER CAMPUSES HAVE INSTALLED DESIGNATED PREMIUM STALLS FOR CARPOOL OR HYBRIDS. HARD FOR THE CCS TO ENFORCE SINCE THERE IS NO PARKING FEE OR PASS. WINDWARD HAS THE MOST ACTIVE PARKING STANDARDS.**
- Waste—Reduce, recycle and/or eliminate all green waste, electronic water, food waste, use of single use plastics, and green emitting materials—*again how would we measure this? Perhaps we can get at some of this but measuring the waste flow from the campus—how much trash has to be picked up.* **SET UP GREEN BINS IN DESIGNATED AREAS.**
- Water—conservation, efficiency and storm water storage, recharge and reuse on the campus. *Do we measure water consumption for this one?*
- Education and Research
  - Curriculum; integrate sustainability in existing curriculum; develop appropriate, well-articulated new programs and courses in both broad interdisciplinary and workforce specific sustainability topics—*How do we measure this?*
  - Co-curricular education—*We don't have dorms (except Maui) but student orientation, outreach and publications we might look at. What about clubs or extracurricular opportunities to education about or practice sustainability?*
  - Research (*for CCs applied ?*) that brings science to issues of sustainability and related public policy, practice and implementation
  - Integrating teaching and research into campus and community solutions
  - Educational and Research Activity is undertaken sustainably

- Planning, Administration and Engagement—*Are any of these first three measurable? Perhaps this category is in fact accomplished by establishing the metrics we are planning to establish. See the last 3 bullets in this section. Is there something here we can measure?*
  - Evidence of Sustainability as an element in Planning
  - Evidence of Sustainability as an element in budgeting
  - Sustainability as an element of decision-making
  - Provide professional development for staff and faculty
  - Encourage sustainability in student life and activities
  - Cultivate sustainability as a major funding activity of the UH Foundation—*This would be a UHF metric, not ours I think.*
- Cultural and Community Connections—*I saw little in this section we can really measure, but gave it a shot to list some of what came from the policy anyway.*
  - Learning Environment honors its cultural foundation
  - Addresses sustainability issues within context of Hawaii's isolated island environment
  - Form working relationships with external partners to understand community, workforce and business needs
  - Bring sustainable solutions for Hawaii to the community