

WG1: Building
Performance

Day 1: **Understanding the building performance**

- Know-how level (esp. FMers & operating staff)
- Multiple systems & manufactures caused by “lowest bid”
- The pre-design phase (including programming and space issues)
- FMers’ early participation in the design process
- Simplicity for operation
- In-house standards development & Requirements in RFPs
- New vs. adaptive reuse
- Passive design, 0-energy
- Labs: lack of research and standards (topic for discussion next year)
- Synchronize the efforts!

Day 2: **Building Sustainability standards**

- - based on regional priorities that make it difficult to allow accurate international benchmarking
- - unless approached with the right mindset, standards can generate a "check list" mentality that suppresses innovative (out of the box) thinking
- - on balance they are an effective mechanism for driving sustainability outcomes in engineered design and generating executive/governmental support.
- - post occupancy ongoing certification is a weakness (note the Swedish standard which only certifies after 3 years of operation and a survey of occupants; note the Singapore Green Mark standard that allows recertification)

Follow up action

- Several standards are developing district/community based accreditation standards (LEED Neighborhood; CASBEE for Cities; Green Star Community; BREAM Community.) There is value in having a sustainability standard that would allow the campus to be rated. Review these and other standards/evaluation methodologies for SCN Symposium 2013.
- A focused discussion on laboratories for 2013
- Strategies for the pre-design stage communication among key stakeholders for delivering better performance