

**Minutes:**  
**Sustainable Silicon Valley General Meeting**  
**Friday, December 15, 2006**  
**9:00 am – 10:30 am**  
**KRAUSE CENTER, FOOTHILL COLLEGE**  
**12345 EL MONTE ROAD**  
**LOS ALTOS HILLS, CALIFORNIA**

Attending:

Mary Tucker	City of San Jose	John Friskel	3 Phases Energy
Bruce Klafter	Applied Materials	Doug Koenig	County of San Mateo
Brandon Tinianov	Quite Solutions	John Pitcher	Sterling Planet
Bill Henry	Consulting Engineer	Christine Kohl-Zaugg	EORM
Patrick Chen	Quinstreet	Robert Cormia	Foothill DeAnza College District
Dan Hoffman	Network Appliance	David Kaneda	IDeAS
Steve Attinger	Acterra	Janet Davis	Krause Center
Shawn DeAngelo	Agilent Technologies	Chris Brey	CV Therapeutics
Dianne Anderson	County of San Mateo		
Peter Holoyda	Hydrogen First		
Greg Chambers	Sterling Planet	Sally Tomlinson	SSV

**Welcome to newest partners** Town of Portola Valley.

**LEED Leadership in Energy and Environmental Design** – Mary Tucker, City of San Jose.  
 See Power Point presentation linked to this meeting on SSV website for Mary Tucker’s slides.

LEED is a leading edge system for Integrated Green Building Design. It was developed on a consensus basis, and awards points for site plan, water management, energy, materials and resources, indoor environmental quality, and design innovation. Energy is the largest LEED category.

Ratings: Certified; Silver; Gold, Platinum.

Programs: New Construction; Commercial Interior; Existing Building; and more

US Green Building Council (USGBC) is working with representatives from around the country to look at revisions to incorporate regional specification.

Lots of research reports on LEED at <http://www.usgbc.org/DisplayPage.aspx?CMSPageID=78&>  
 See California study online: 1.8% cost premium to go green, but then save energy. Adobe is saving \$750,000/year in LEED Platinum buildings.

In City of San Jose, the first LEED for existing buildings will be the new City Hall. Reflects fact that improvements are available to be made even in very new buildings.

LEED buildings

- average 25-30% more efficient
- in CA, use 30% less energy than title 24 buildings
- have lower peak energy usage
- emissions reduction harder to quantify – depends on when decrease occurs and what source of energy is being displaced, but are generally around 36% below title 24

Washington DC just adopted the strongest green building requirements in the private sector.

Cost of documentation perceived to be high, which is a problem. USGBC has created an online documentation process.

San Jose has set LEED Silver as the standard for new City-owned facilities. Airport will be LEED Silver.

- Looking at incentives for retail

Watsonville Recycled Water Administration Building is designing to LEED Gold and thinking of cradle to cradle. Will use locally recycled cans for roof and use locally recycled tires for walkway.

Accreditation:

- USGBC uses third party reviewer
- Can get input of USGBC staff in design process
- Cost varies, but can be \$30,000-70,000

Discussion: Savings in Green buildings (See other documents linked to this meeting on SSV website)

- In New York City, green building getting 15% premium lease rate
- Human productivity is increased in green buildings
- At Berkeley, the Center for the Built Environment is working on user satisfaction

### **Bruce Klafter – Applied Materials**

Applied Materials now calling themselves a nano-manufacturing company.

Making equipment used for solar cells.

Just joined SSV officially, though have been connected for long time. Will be setting reduction goals soon.

Will participate in the US EPA green power challenge to increase use of green power

- Already using 10% green in Austin
- They are the largest purchaser of green energy in Silicon Valley Power territory: currently at 3% and want to double that
- Have two facilities in SVP area, and one in PG&E
- Want to put 1 MW solar in Sunnyvale

CEO has challenged them to decrease paper use by 50% or more

- Installing multifunctional devices

- Removing personal printers from each office

Will participate in the SVLG commuter challenge to reduce employee commutes

- Will measure commute progress

Applied Anywhere is remote working program developed after consulting with Sun Microsystems.

Energy Efficient products

- Customers are demanding them
- CEO is requiring precise targets for efficiency

Discussion: How to engage CEO – some resources

- Natural Capitalism
- Natural Step for Business
- GreenBiz.com – Joel Makower
- Do some informal benchmarking to look for examples of leadership
  - Companies in the same industry
  - Companies of similar size
  - What are they reporting on, what are they doing
- See documents linked to this meeting on SSV website for list of Sustainability references compiled by Steve Attinger.

**Next meeting Friday, January 12** Network Appliance, 1330 Geneva Drive Building 4, Sunnyvale. Ryan Stroup of Pacific Energy Center on Retro-commissioning; Dan Hoffman on Network Appliance. Agenda and Directions at: [www.SustainableSiliconValley.org](http://www.SustainableSiliconValley.org)

These minutes are submitted by Sally Tomlinson.