



## City of Glendale Council Sustainability Committee Minutes

March 16, 2010  
10:30 a.m. to 11:30 a.m.  
Council Chambers Conference Room B-2

### Attendees

#### Council Sustainability Committee Members:

Present were Councilmember/Chairperson David Goulet (Ocotillo District), and Councilmember Yvonne Knaack (Barrel District).

#### City Staff Members:

Ken Reedy, Deborah Mazoyer, Larry Broyles, Craig Johnson, Doug Kukino, Jo Miller, Jon Froke, Justine Cornelius, Bob Manginell, and Marilyn Clark.

### I. Approval of Minutes

Chairperson Goulet Called for Approval of the February 16, 2010 minutes. Councilmember Knaack Made a Motion to Approve the minutes as written. Chairperson Goulet Seconded the Motion, and the minutes were unanimously approved.

### II. LEED Concept – Green Building

City Engineer Larry Broyles introduced Ken Lufkin of KKE Architects who presented this agenda item to the committee. Mr. Lufkin's presentation explained the Leadership in Energy and Environmental Design (LEED) Certification Program, how it works, and the benefits thereof. The following is a summary of this presentation:

LEED certification is the recognized standard for measuring building sustainability. The LEED green building rating system was developed by the U.S. Green Building Council (USGBC) in 1998. LEED concentrates its efforts on improving performance across five key areas of environmental and human health: energy efficiency, indoor environmental quality, materials selection, sustainable site development, and water savings.

LEED has special rating systems that apply to all kinds of structures, including schools, retail, and healthcare facilities. Rating systems are available for new construction and major renovations as well as existing buildings.

USGBC works to promote buildings that are environmentally responsible, profitable, and healthy places to live and work. To achieve this end, LEED developed a variety of programs

and services, and works closely with key industries and research organizations, as well as federal, state, and local government agencies. LEED is an internationally recognized green building certification system that provides third party verification that a building or community was designed and built using strategies aimed at improving performance. It measures energy savings, water efficiency, CO<sub>2</sub> emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.

Over the past five years, there has been an enormous shift in the acceptance and expectation for sustainable design practices. LEED certification is available for all building types. The LEED rating system offers four certification levels (LEED Certified, Silver, Gold, and Platinum) that correspond to the number of credits accrued in the five green design categories.

The first of which is the ***Sustainable Sites*** category. This category discourages development on previously undeveloped land; minimizes a building's impact on ecosystems and waterways; encourages regionally appropriate landscaping; alternative transportation choices; controls storm water runoff; and reduces erosion, light pollution, heat island effect, and light pollution.

The goal of the ***Water Efficiency*** credit category is to encourage smarter use of water, inside and out. Water use reduction is typically achieved through more efficient appliances, fixtures, and fittings inside and water efficient landscaping outside.

The ***Energy & Atmosphere*** category encourages a wide variety of energy strategies: commissioning; energy use monitoring; efficient design and construction; efficient appliances, systems and lighting; the use of renewable and clean sources of energy, generated on-site or off-site; and other innovative strategies.

The ***Materials and Resources*** category encourages the selection of sustainably grown, harvested, produced, and transported products and materials. It promotes building reuses such as maintaining existing walls, floors, and roof, construction waste management, rapidly renewable materials, and recycled content.

The ***Indoor Environmental Quality*** credit category promotes strategies that can improve indoor air as well as providing access to natural daylight and views, improving acoustics, providing increased ventilation, the use of low-emitting materials, and controllability of systems that provide lighting/thermal comfort.

The ***Innovation in Design*** credit category provides bonus points for projects that use new and innovative technologies and strategies to improve a building's performance well beyond what is required by other LEED credits or in green building considerations that are not specifically addressed elsewhere in LEED.

LEED for Homes is a rating system that promotes the design and construction of high-performance green homes. Green homes use less energy, water, and natural resources. They create less waste, and are more durable and comfortable for occupants. Through incentives and education, homeowners are more likely to participate in taking steps

towards sustainable practices if resources and information are readily available in their communities.

By building green in the Public Sector, we promote the local market transformation by using best practices in construction, operation, and maintenance of government-owned or leased buildings. By doing this we lead by example. Other advantages to be considered are lower operations and maintenance costs, and the reduction of the building's carbon footprint. Building and operating green buildings also promotes the responsible use of taxpayer dollars to improve markets for environmentally friendly products and practices.

The Committee was engaged throughout the presentation, asking questions, and sharing ideas. Several discussions took place during and after the presentation, none of which required any follow up or action on the part of staff.

Chairperson Goulet thanked Mr. Lufkin for his presentation, and as this was an informational item, no motion or vote was called for by the committee.

III. Staff Updates

Jo Miller, Environmental Program Manager, gave a progress report to the committee on the Education / Outreach staff workgroup activities. The Committee was very pleased with Ms. Miller's update.

Deputy City Manager Ken Reedy addressed the Councilmembers as to whether or not they would like to revise the Council Sustainability Committee meeting schedule to coincide with the Council break in July. It was agreed by everyone to vacate the July 20, 2010 meeting and adjust the schedule accordingly. No motion or vote was called for by the Committee members.

ADJOURNMENT

NEXT MEETING: April 20, 2010  
10:30 a.m. to 11:30 a.m.  
Council Chambers Conference Room B-2

TOPIC: Land Use and Conservation

Respectfully Submitted,



Marilyn Clark, Recording Secretary