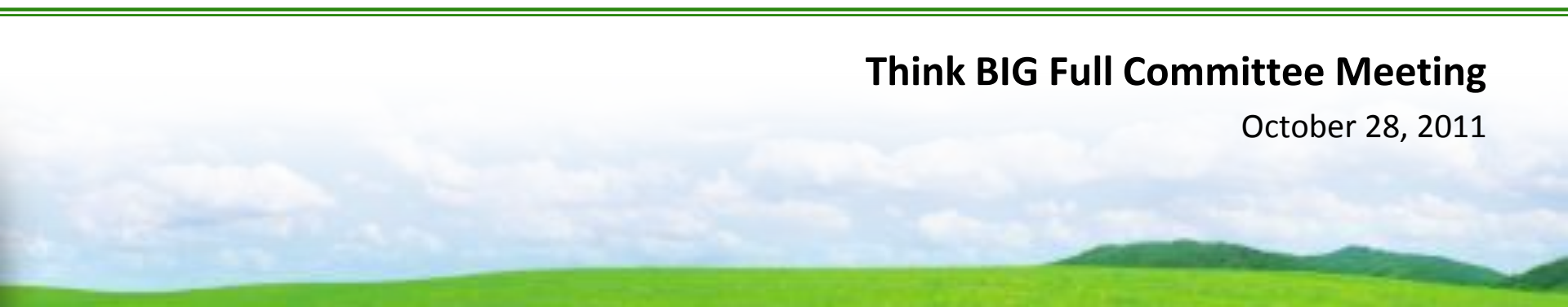




SUSTAINABLE ESC REPORT

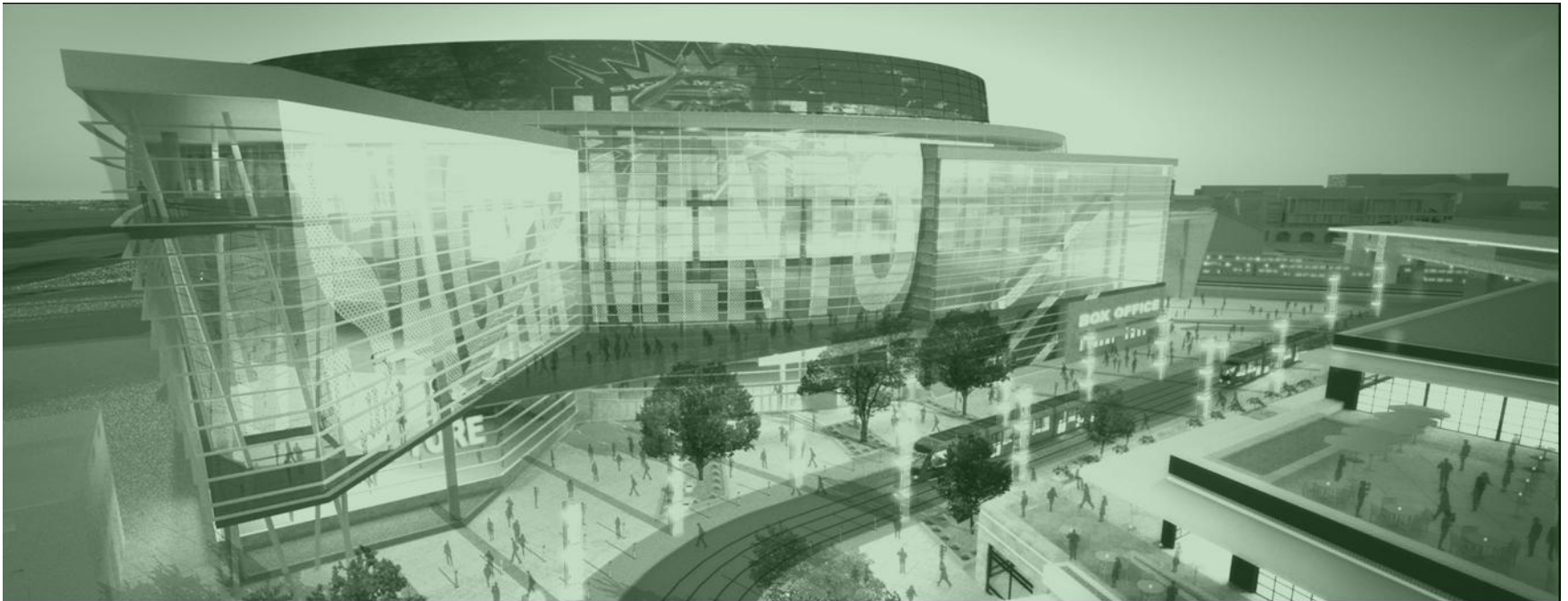
Think BIG Full Committee Meeting

October 28, 2011



A Green Vision for the ESC

A downtown entertainment and sports complex (ESC)
that becomes an **iconic demonstration of our region's
commitment to green**



The New York Times

*“The sports industry — from teams to leagues to stadium
and track operators — **is becoming more
environmentally friendly.... as many businesses, team
owners and event organizers realize that **going green can
save thousands and even millions of dollars a year.**”***

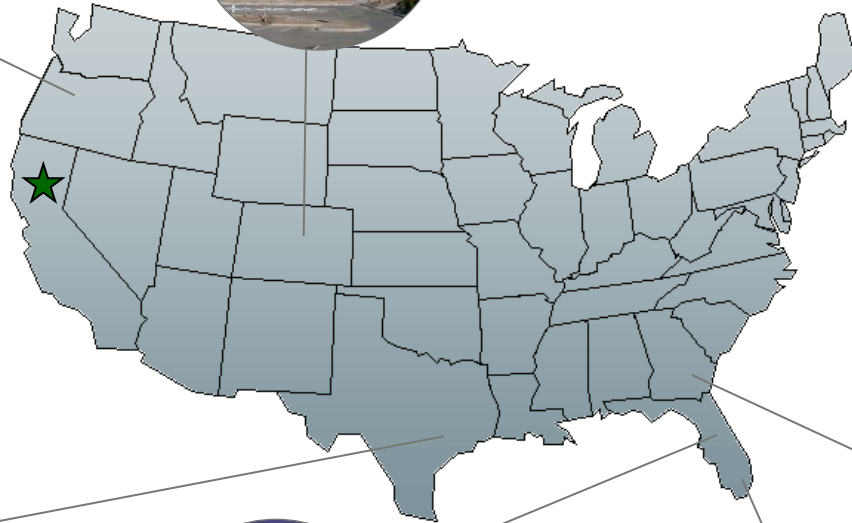
-“Sports Rally Around Green Projects” 10.25.11

LEED Certified NBA Arenas

Rose Garden
Portland (LEED Gold)



Pepsi Center
Denver (LEED Certified)



Toyota Center
Houston (LEED Silver)



Amway Center
Orlando (LEED Gold)



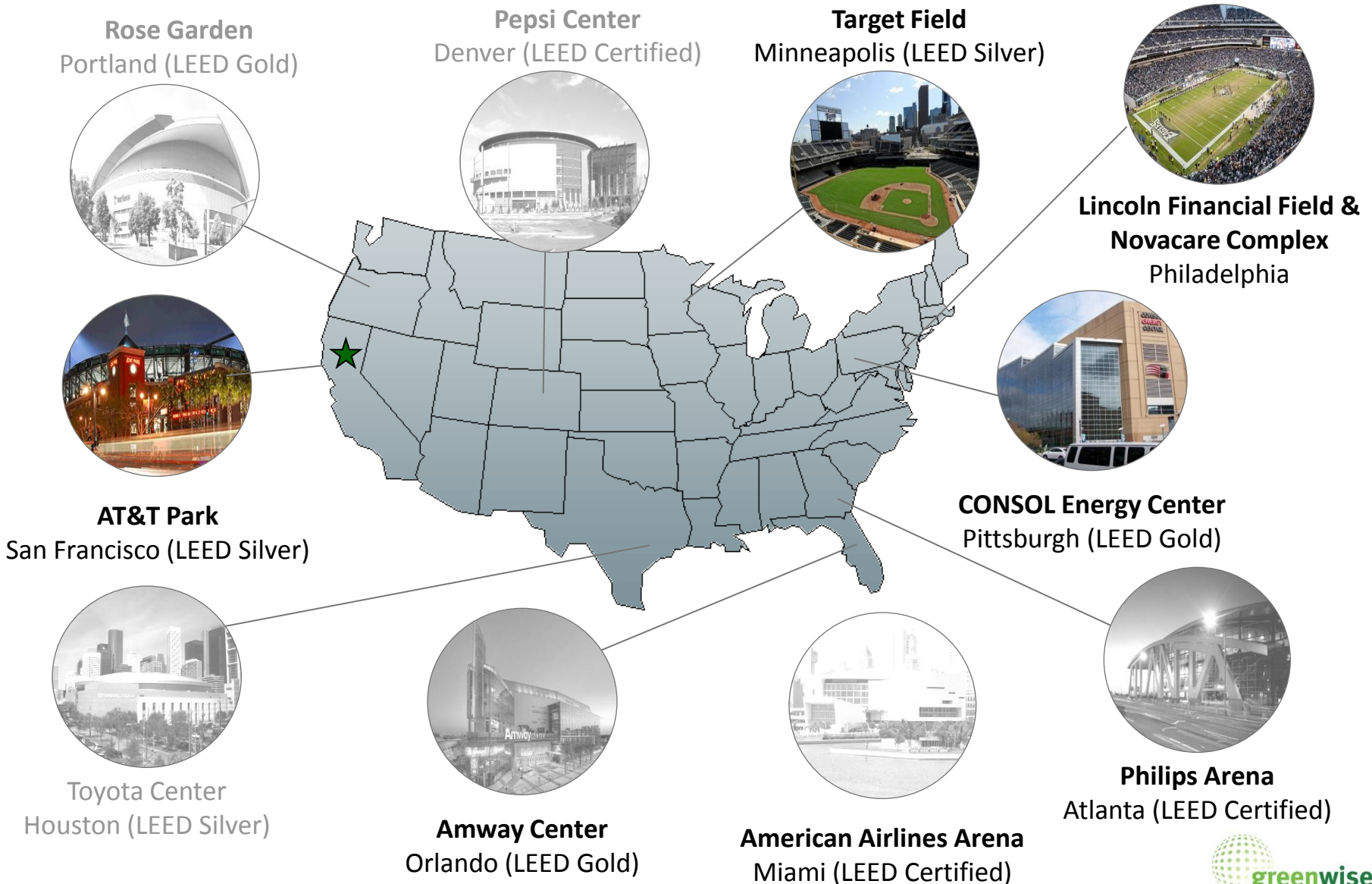
American Airlines Arena
Miami (LEED Certified)



Philips Arena
Atlanta (LEED Certified)



Additional Green Sports Facilities



ESC Examples of “Going Green”

GREEN DESIGN

- Glass exterior (*Pittsburgh*)
- Roof Garden (*Pittsburgh*)
- Fuel-efficient vehicle parking (*Orlando*)
- Solar roof (*Los Angeles*)

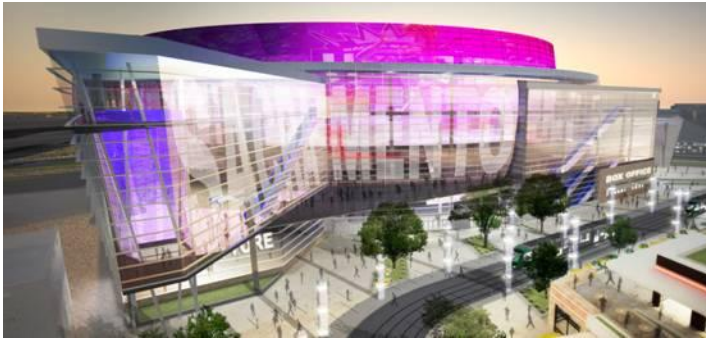
GREEN CONSTRUCTION

- Local sourcing of materials (*Pittsburgh*)
- 20% Recycled Materials (*Orlando*)
- 95% Waste Diversion (*Pittsburgh*)

GREEN OPERATIONS & MANAGEMENT

- 100% renewable energy (*Portland*)
- Efficient lighting and plumbing (*Orlando*)
- Eco-friendly products (*Philadelphia*)
- Green education and programs (*Philadelphia*)

The Sacramento Opportunity



+



- ✓ Redevelopment of **toxic brownfield**
- ✓ Co-location with **intermodal transit center**
- ✓ Promotion of high density, mixed-use, **transit-oriented development**
- ✓ **ICON-Taylor** development team with impressive **green track record**
- ✓ **Comprehensive regional initiative** to take action and create results through three transformation goals:
 - o **ECONOMY:**
Create a self-sustaining sector
 - o **ENVIRONMENT**
Become greenest region in US
 - o **ENGAGEMENT:**
Brand region as “Emerald Valley”

1. Promote green job creation and the region's green economy.

POSSIBLE STRATEGIES:

- Renewable energy (e.g. solar panel installation)
- Local concessions (e.g. agriculture, wine, etc)
- Local sourcing of materials, equipment and labor

2. Promote sustainable design, construction, operations and management.

POSSIBLE STRATEGIES:

- Reduced emissions (e.g. local sourcing, reflective roof, bicycle storage, multi-modal transit access)
- Water efficiency (e.g. low-flow plumbing fixtures, landscape with native and adapted species)
- Energy efficiency (e.g. lighting, HVAC systems, refrigeration, solar panels)
- Materials and resource conservation (e.g. use of reused and recycled materials)
- Eco-friendly materials and equipment (e.g. paint, sealants, cleaning products, carpeting)

3. Leverage the ESC to enhance the community's "Green IQ."

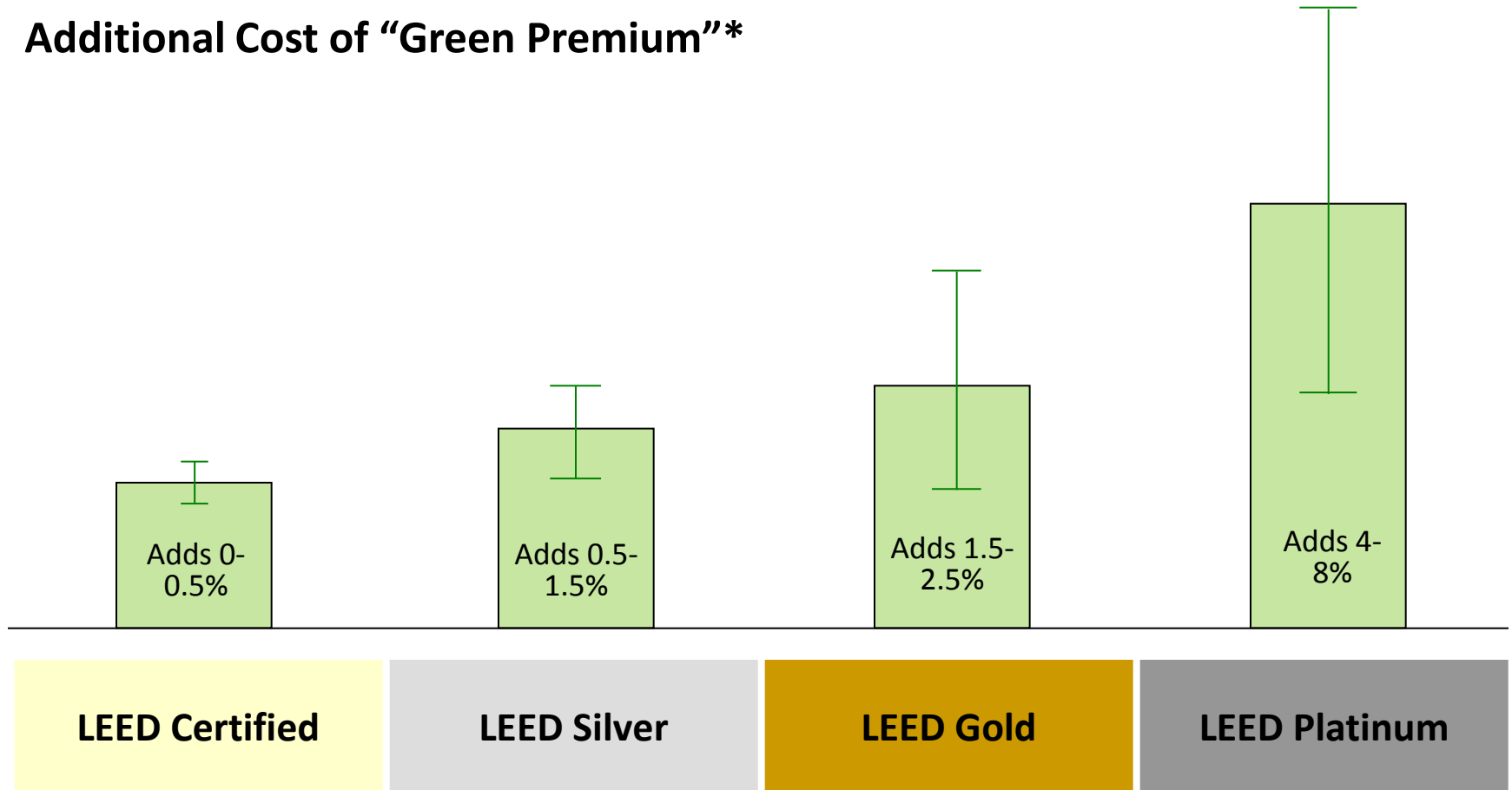
POSSIBLE STRATEGIES:

- Convenient recycling stations
- Green education, marketing and corporate citizenship programs
- Partnerships with athletes, performers and other VIP talent to promote "Green IQ"

Cost Considerations

ILLUSTRATIVE

Additional Cost of “Green Premium”*



*Key factors that drive cost variance include regulatory environment, design choices, timing of decisions, team, geography, economy.

Examples of Green Financing Strategies

- **Naming rights**
 - \$1.2M deal with Pentair, Inc. for rainwater recycling system (*Target Field*)
- **Philanthropic donations**
 - \$100K donation from Chesapeake Bay Foundation for green roof (*Nationals Park*)
- **Corporate partnership**
 - Joint partnership with PG&E to install solar panel system (*AT&T Park*)

Thinking BIG means Thinking GREEN!

- **Sacramento can show leadership** in national trend towards Green ESCs
- Multiple opportunities to enhance the **green economy, environment**, and the region's "**Green IQ**"
- **Cost considerations** are real and will require analysis, leadership and creativity
- **Never too early** to start thinking, acting and being green!

"First we shape our buildings, then they shape us"

-Winston Churchill, 1943