

# KING COUNTY GREEN BUILDING RESOURCES

## LEED 101- The Launching Pad

Beth Humphreys  
Project Manager  
Solid Waste Division  
February 15, 2006



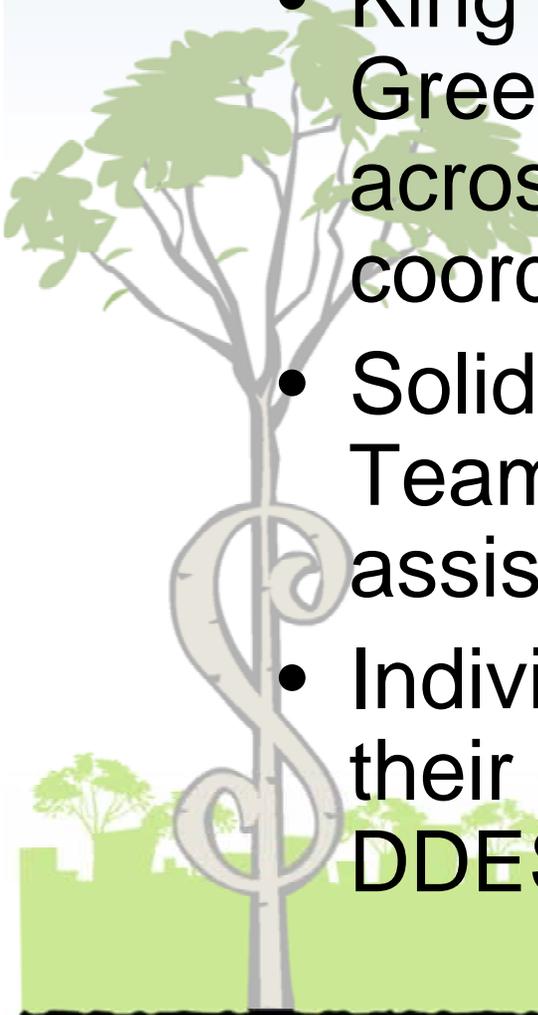
**King County Building Summit:**  
Dollars and Sense Tools to Green Your Project



King County

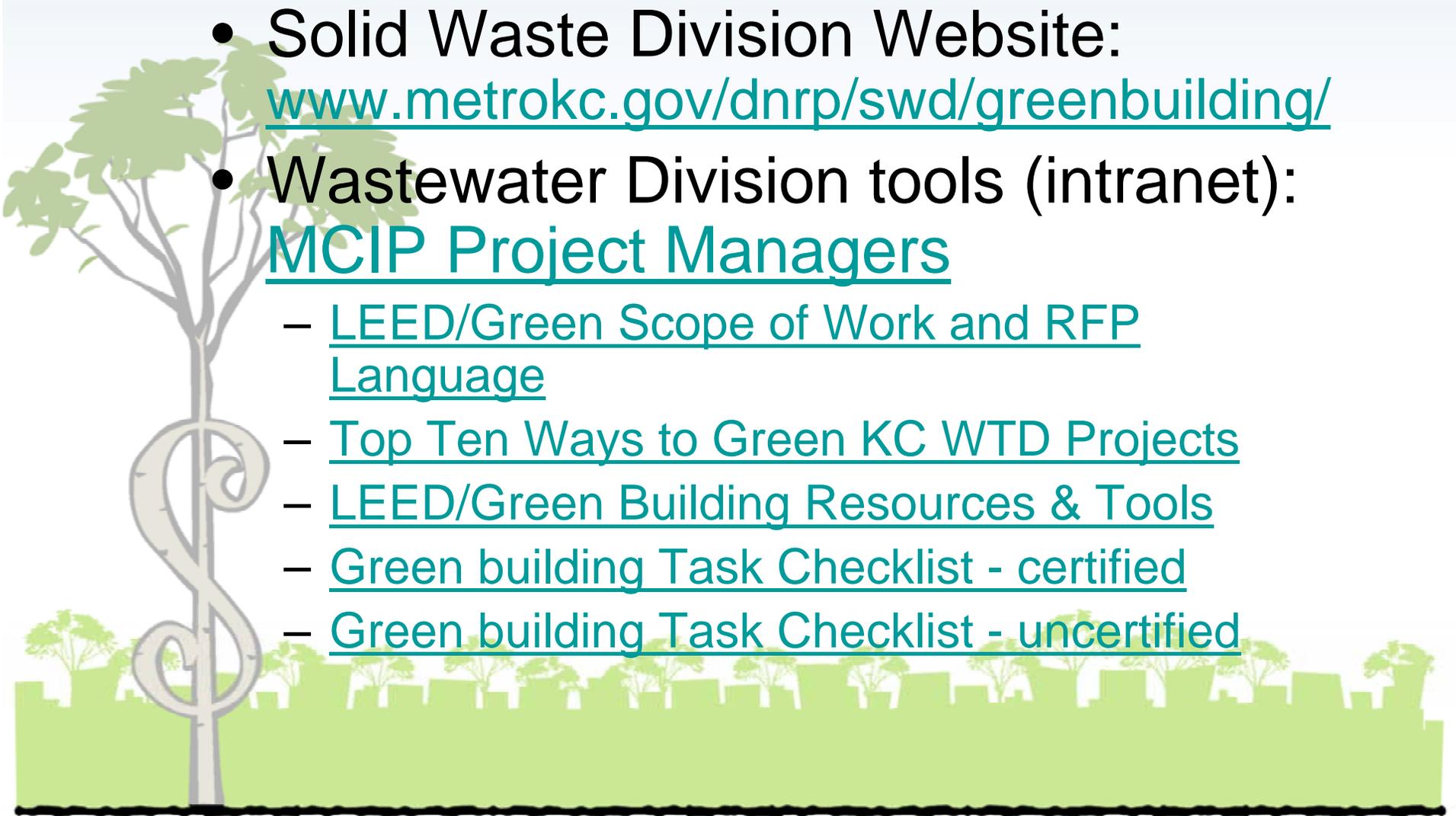
# Green Teams

- King County ordinance requires a Green Team with representatives across county divisions. DNRP coordinates.
- Solid Waste Division has a Green Team that can provide technical assistance to other agencies.
- Individual divisions may also have their own Green Teams like WTD or DDES.



# Resources available on-line

- Solid Waste Division Website:  
[www.metrokc.gov/dnrp/swd/greenbuilding/](http://www.metrokc.gov/dnrp/swd/greenbuilding/)
- Wastewater Division tools (intranet):  
[MCIP Project Managers](#)
  - [LEED/Green Scope of Work and RFP Language](#)
  - [Top Ten Ways to Green KC WTD Projects](#)
  - [LEED/Green Building Resources & Tools](#)
  - [Green building Task Checklist - certified](#)
  - [Green building Task Checklist - uncertified](#)





**LEED**  
LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN

# King County LEED Online Tool

LEED Supplement for King County - Microsoft Internet Explorer

Address: <http://dhr.metrokc.gov/swd/leed/default.asp>

King County Home News Services Comments Search

DEPARTMENT of NATURAL RESOURCES and PARKS » SOLID WASTE DIVISION »

## LEED Supplement for King County

Print this Page Open the LEED Tool

**HOME**

**WHAT IS LEED?** This LEED™ (Leadership in Energy and Environmental Design) Supplement for King County is a Web-based tool to help owners, architects, designers, contractors, project managers or building professionals develop green buildings in King County, in accordance with the LEED Green Building Rating System.

**LEED IN KING COUNTY**

**SUPPLEMENT OUTLINE**

**GETTING STARTED**

**WHAT IS USGBC?** This Supplement provides guidance on applying LEED within the context of current King County building codes and interprets the use of LEED for three distinct building types: Commercial, Industrial and Ground-Based.

**KC GOVT BUILDINGS**

**QUESTIONS?** Click on the topics to the left for further information or click on the 'Open the LEED™ Tool' button to immediately begin using the LEED Supplement for King County.

**SUSTAINABLE BLDG TOPICS**

Done Internet



**LEED**  
LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN

# King County LEED Online Tool



LEED Supplement for King County - Microsoft Internet Explorer

**King County** Home News Services Comments Search

**LEED** LEED SUPPLEMENT FOR KING COUNTY Close the LEED Tool

Start here: Choose a category and a credit from the dropdown boxes, then click the "submit" button

SS - Sustainable Sites  
SS Credit 1 Submit

### Sustainable Sites 14 Possible Points

The processes of development and construction can be destructive to the local ecology and can reduce availability of productive agricultural lands. Construction of new structures can eliminate open spaces and entire areas of habitat, and the runoff they cause disrupts aquatic life. Steps can be taken to reduce these impacts, and in some cases, to improve the quality of a site that has been previously contaminated. Selection of an appropriate project location can reduce the need for automobile use and reduce sprawl. In addition, locating developments on existing brownfield sites, in existing urban infill areas, and on other non-greenfield locations may also have economic benefits, since infrastructure required to service the development may already be in place.

Updated: January 22, 2003

[Solid Waste Division Home Page](#) | [Department of Natural Resources and Parks](#) | [King County](#) | [News](#) | [Services](#) | [Comments](#) | [Search](#)

Links to external sites do not constitute endorsements by King County. By visiting this and other King County web pages, you expressly agree to be bound by terms and conditions of the site. [The details.](#)





# King County LEED Online Tool



Application Guide for King County Home Page - Microsoft Internet Explorer

Application Guide for King County

[Close the LEED Tool](#)

LEED Tool Home

[< BACK](#)

SS - Sustainable Sites

Credit 1 - Site Selection

[Print This Page](#)

**Query: SS - Credit 1: Site Selection**

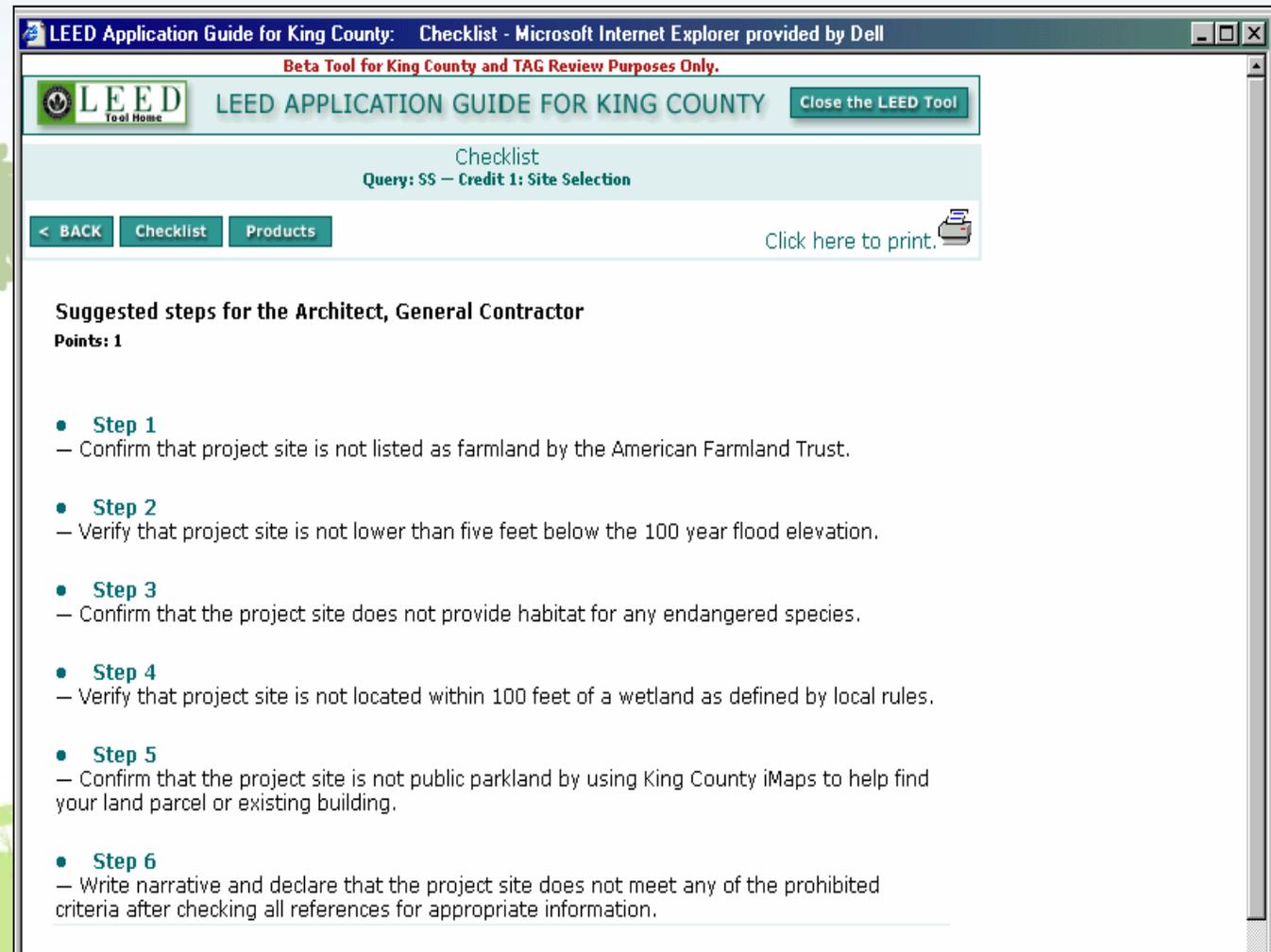
<b>INTENT</b>	Avoid development of inappropriate sites and reduce the environmental impact from the location of a building on a site.
<b>REQUIREMENTS</b>	Do not develop buildings on portions of sites that meet any one of the following criteria: <ul style="list-style-type: none"><li>- Prime agricultural land as defined by the American Farmland Trust</li><li>- Land whose elevation is lower than 5 feet above the elevation of the 100-year flood as defined by FEMA</li><li>- Land which provides habitat for any species on the Federal or State threatened or endangered list</li><li>- Within 100 feet of any wetland as defined by 40 CFR, Parts 230-233 and Part 22, OR as defined by local or state rule or law, whichever is more stringent</li><li>- Land which prior to acquisition for the project was public parkland, unless land of equal or greater value as parkland is accepted in trade by the public land owner (Park Authority projects are exempt)</li></ul>
<b>AS APPLIED TO KING COUNTY</b>	All LEED-rated buildings are required to avoid inappropriate sites. To capture this point, address the criteria as described in the credit during the site selection process and avoid locating a project on any of the identified land types. (full text for this field will show in the actual Tool)
<b>AS APPLIED TO COMMERCIAL BUILDINGS</b>	To capture the point, address the criteria as described in the credit during the site selection process and avoid locating . . . (full text for this field will show in the actual Tool)
<b>AS APPLIED TO INDUSTRIAL PROJECTS</b>	SS Credit 1 is applied to Industrial Projects in the following way. . . This field will only show if there is relevant data for LEED's applicability towards Industrial Projects (full text for this field will show in the actual Tool)
<b>AS APPLIED TO GROUND-BASED PROJECTS</b>	SS Credit 1 is applied to Ground-Based Projects in the following way. . . This field will only show if there is relevant data for LEED's applicability towards Ground-Based Projects (full text for this field will show in the actual Tool)

[checklist](#) [resources](#) [products](#) [Close the LEED Tool](#)



**LEED**  
LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN

# King County LEED Online Tool



LEED Application Guide for King County: Checklist - Microsoft Internet Explorer provided by Dell

Beta Tool for King County and TAG Review Purposes Only.

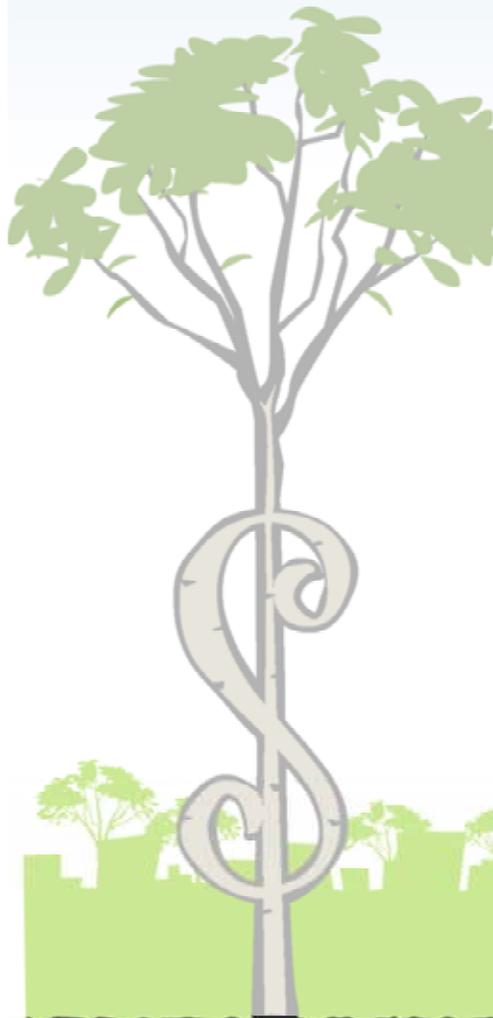
LEED Tool Home LEED APPLICATION GUIDE FOR KING COUNTY Close the LEED Tool

Checklist  
Query: SS – Credit 1: Site Selection

< BACK Checklist Products Click here to print.

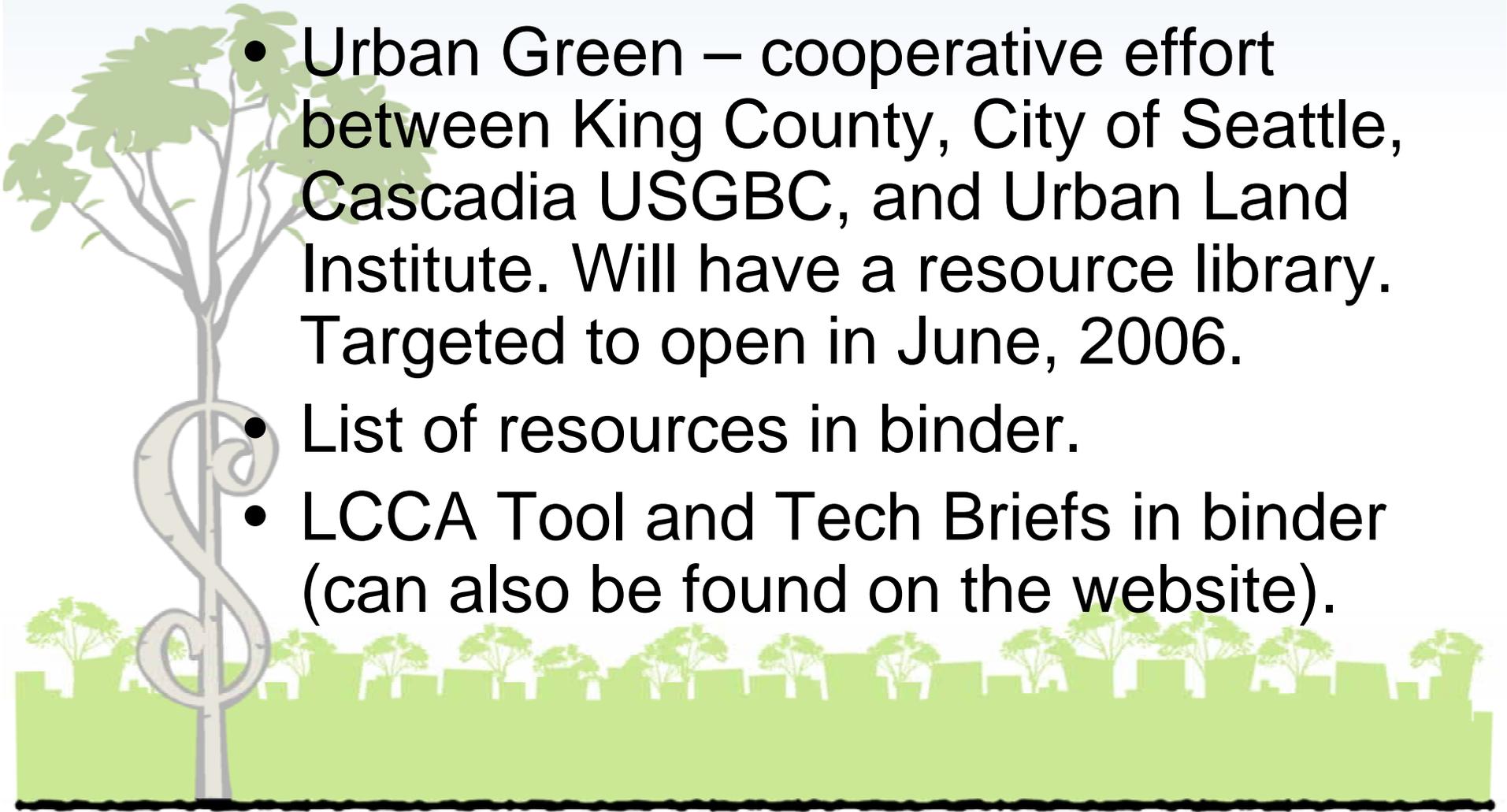
**Suggested steps for the Architect, General Contractor**  
Points: 1

- **Step 1**  
– Confirm that project site is not listed as farmland by the American Farmland Trust.
- **Step 2**  
– Verify that project site is not lower than five feet below the 100 year flood elevation.
- **Step 3**  
– Confirm that the project site does not provide habitat for any endangered species.
- **Step 4**  
– Verify that project site is not located within 100 feet of a wetland as defined by local rules.
- **Step 5**  
– Confirm that the project site is not public parkland by using King County iMaps to help find your land parcel or existing building.
- **Step 6**  
– Write narrative and declare that the project site does not meet any of the prohibited criteria after checking all references for appropriate information.



# Other Resources

- Urban Green – cooperative effort between King County, City of Seattle, Cascadia USGBC, and Urban Land Institute. Will have a resource library. Targeted to open in June, 2006.
- List of resources in binder.
- LCCA Tool and Tech Briefs in binder (can also be found on the website).





# Marymoor Maintenance Facility

## LEED 101- The Launching Pad

Butch Lovelace  
Project Manager  
Parks Division  
February 15, 2006



**King County Building Summit:**

Dollars and Sense Tools to Green Your Project



King County

# Site Map



Marymoor Maintenance Facility

# Marymoor Maintenance Facility





# Waste Management



# Rainwater Storage Containers



# Topsoil Stockpiles

