

# Seven Years of Green Building in Metropolitan Washington



Fall 2010  
Metropolitan Washington Council of Governments

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- LEED has demonstrated dominance in the evaluation market
- It is possible and likely that other systems will grow in prominence
- It is also likely that local governments will include green building standards in their local codes.

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## LEED at the State Level

- New legislation is promoting a boom in green construction throughout the region



# U.S.G.B.C.

## What is the United States Green Building Council?

The Washington, D.C.-based U.S. Green Building Council (USGBC) is a 501 c3 non-profit organization committed to a prosperous and sustainable future for our nation through cost-efficient and energy-saving green buildings.

### **Mission**

To transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life.

### **Vision**

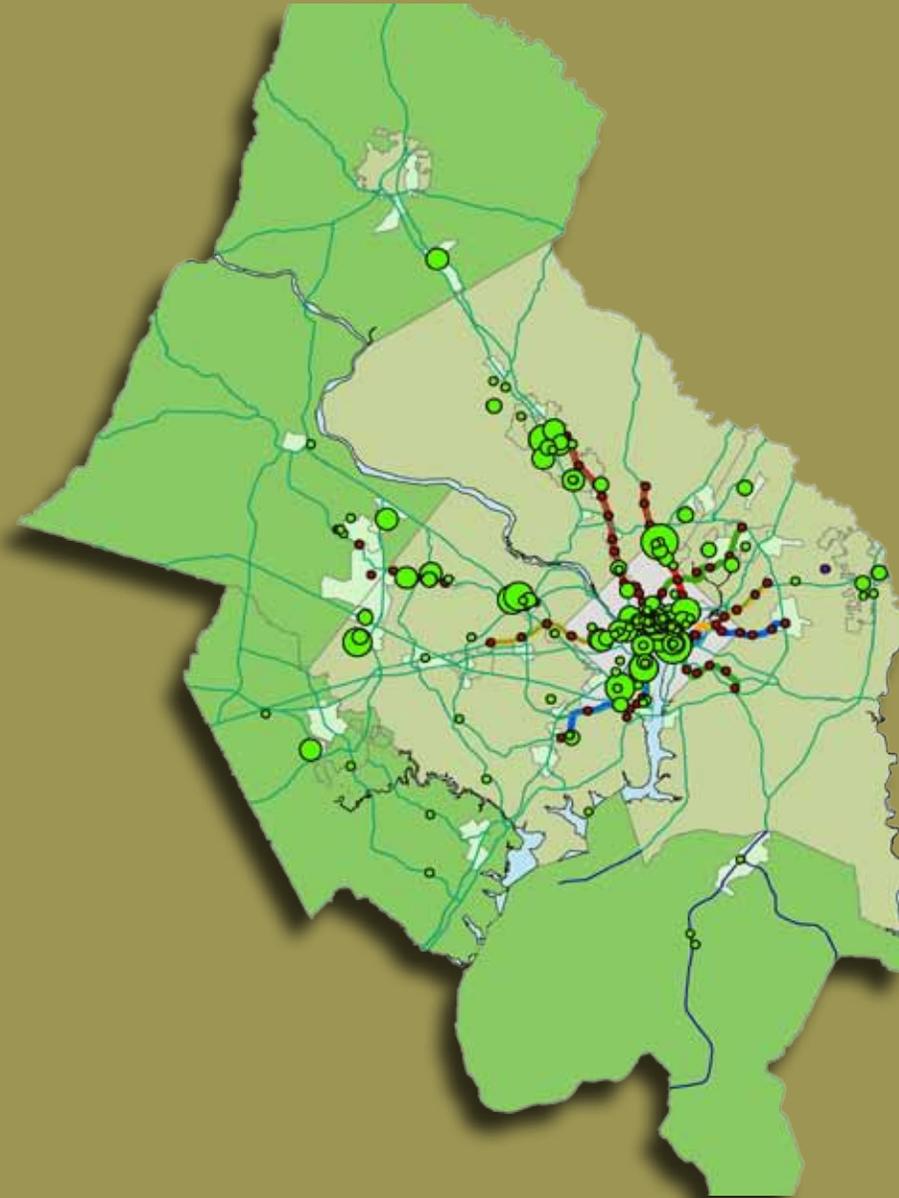
Buildings and communities will regenerate and sustain the health and vitality of all life within a generation.

# LEED

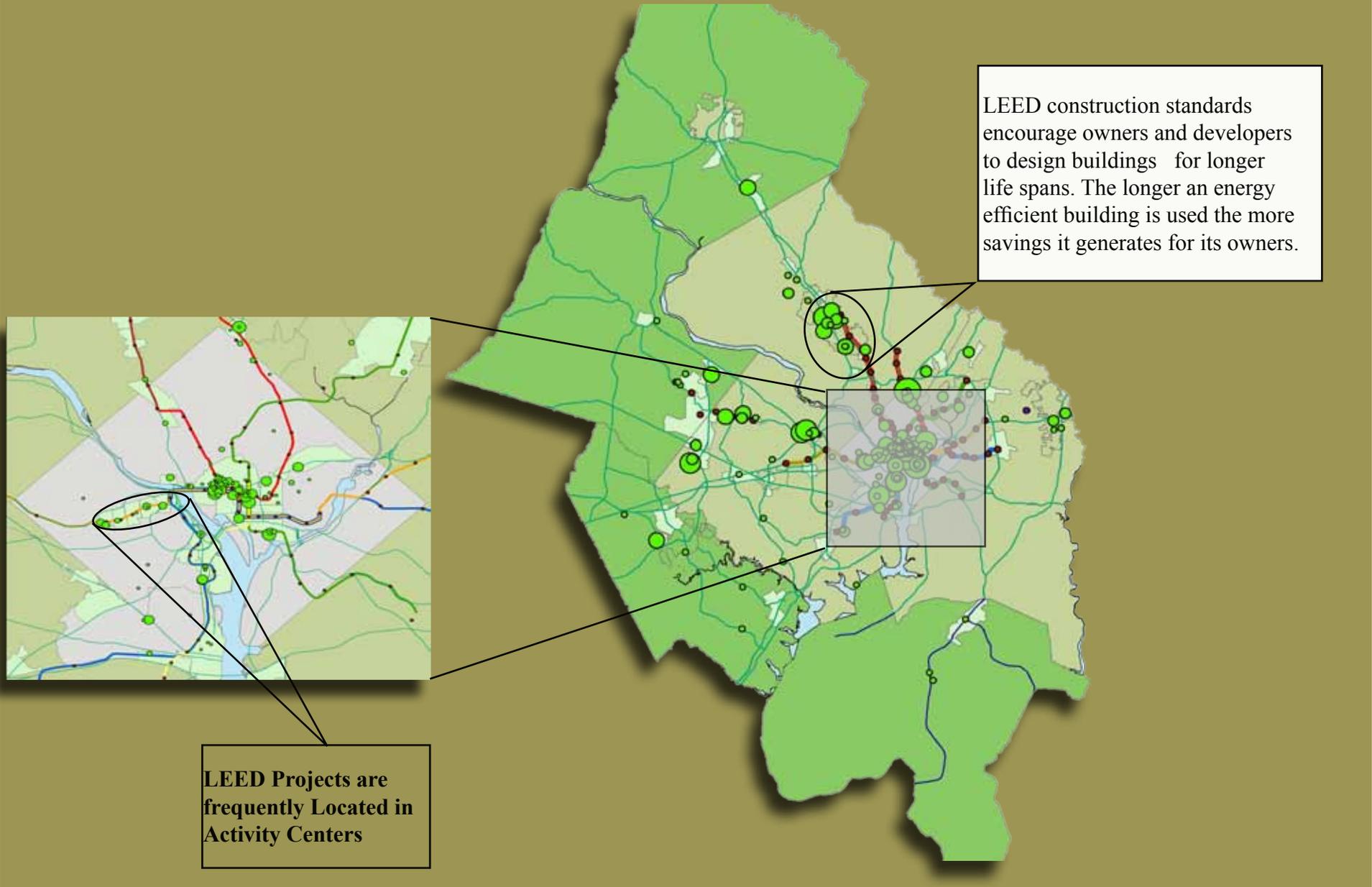
**LEED- Leadership in Energy and Environmental Design** is a certification program produced and maintained by the U.S. Green Building Council that promotes efficient design and operation of buildings.



# Gross Square Footage of LEED Certified Projects



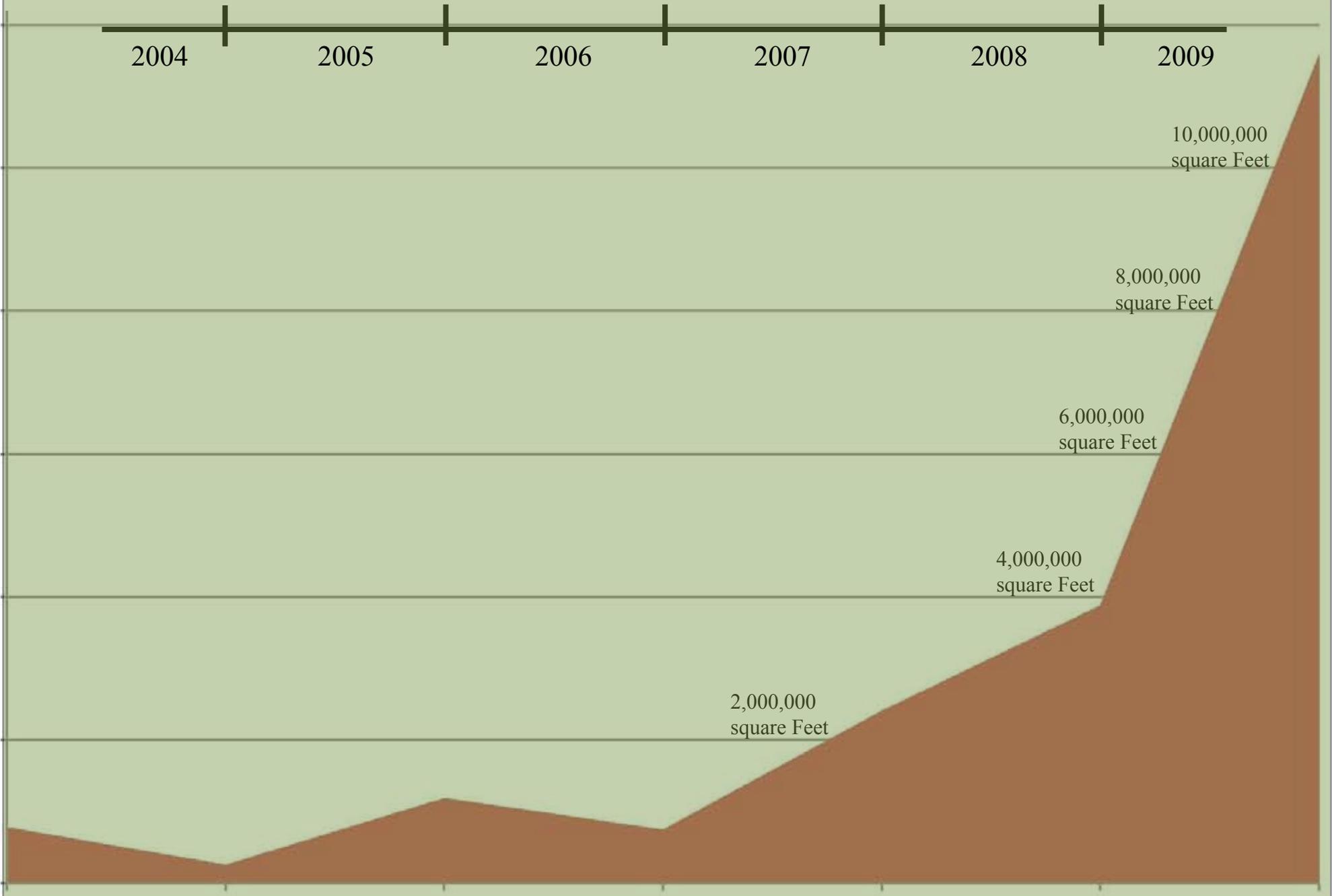
# Gross Square Footage of LEED Certified Projects



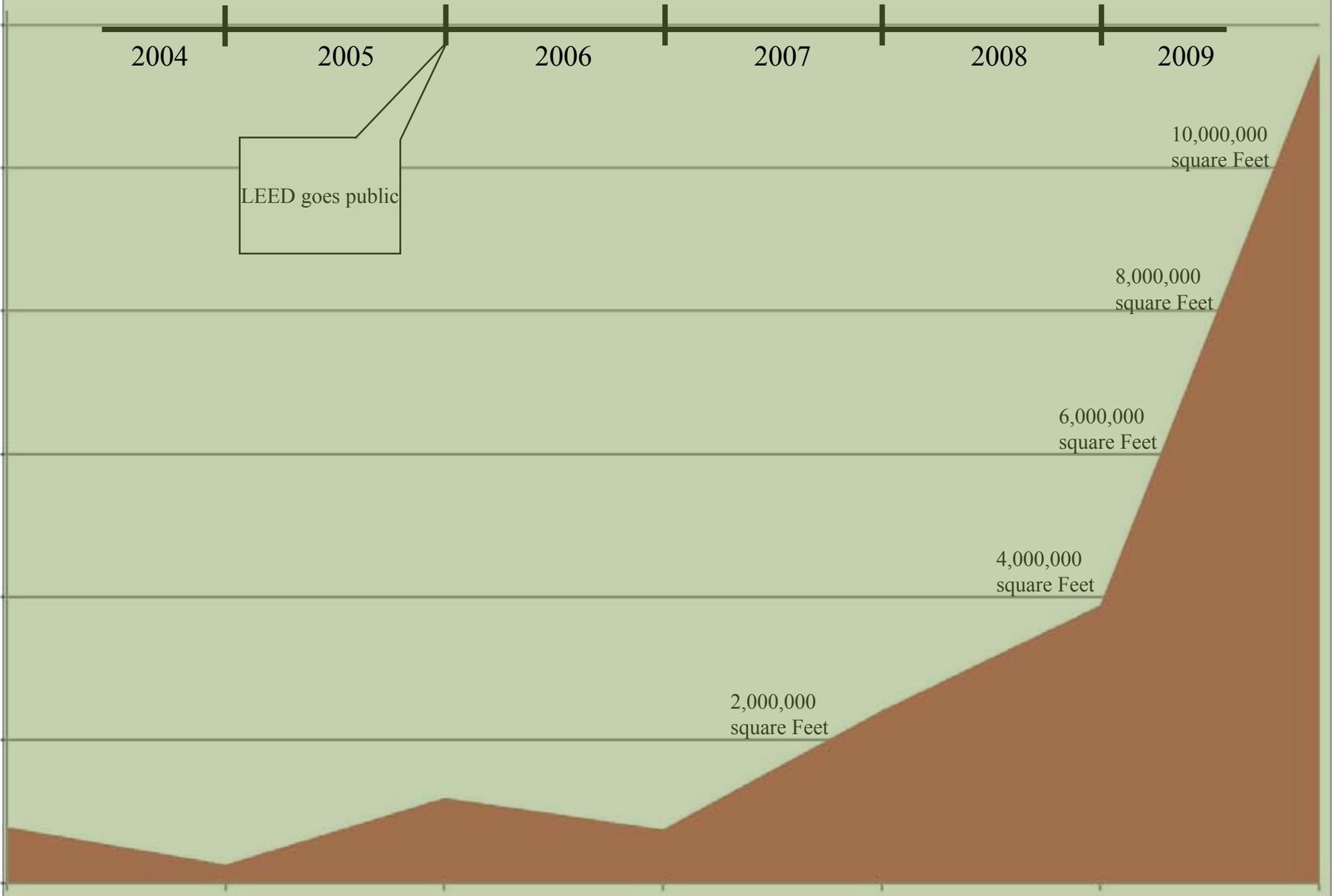
# Transit Oriented Development



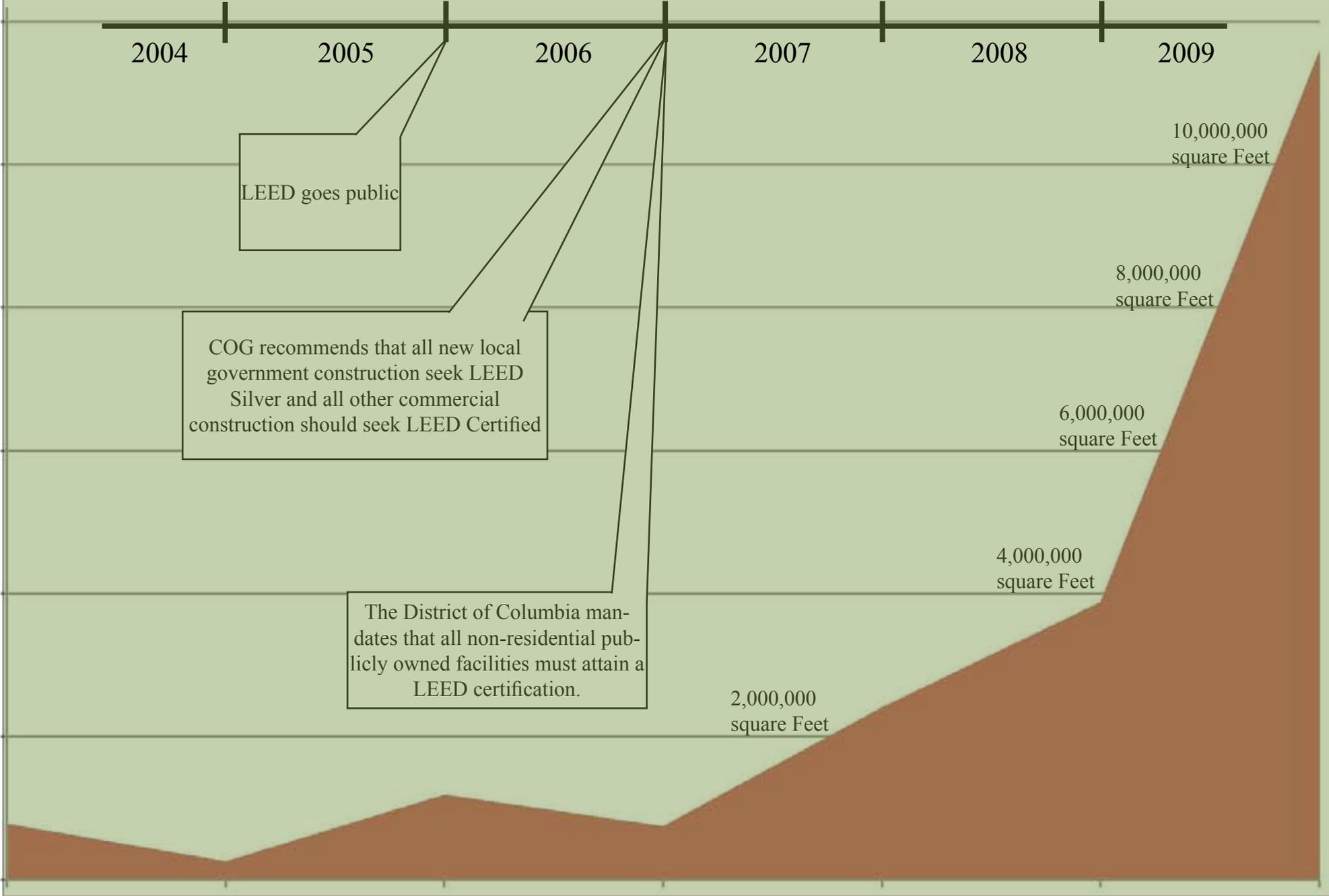
# Green Building In Metropolitan Washington



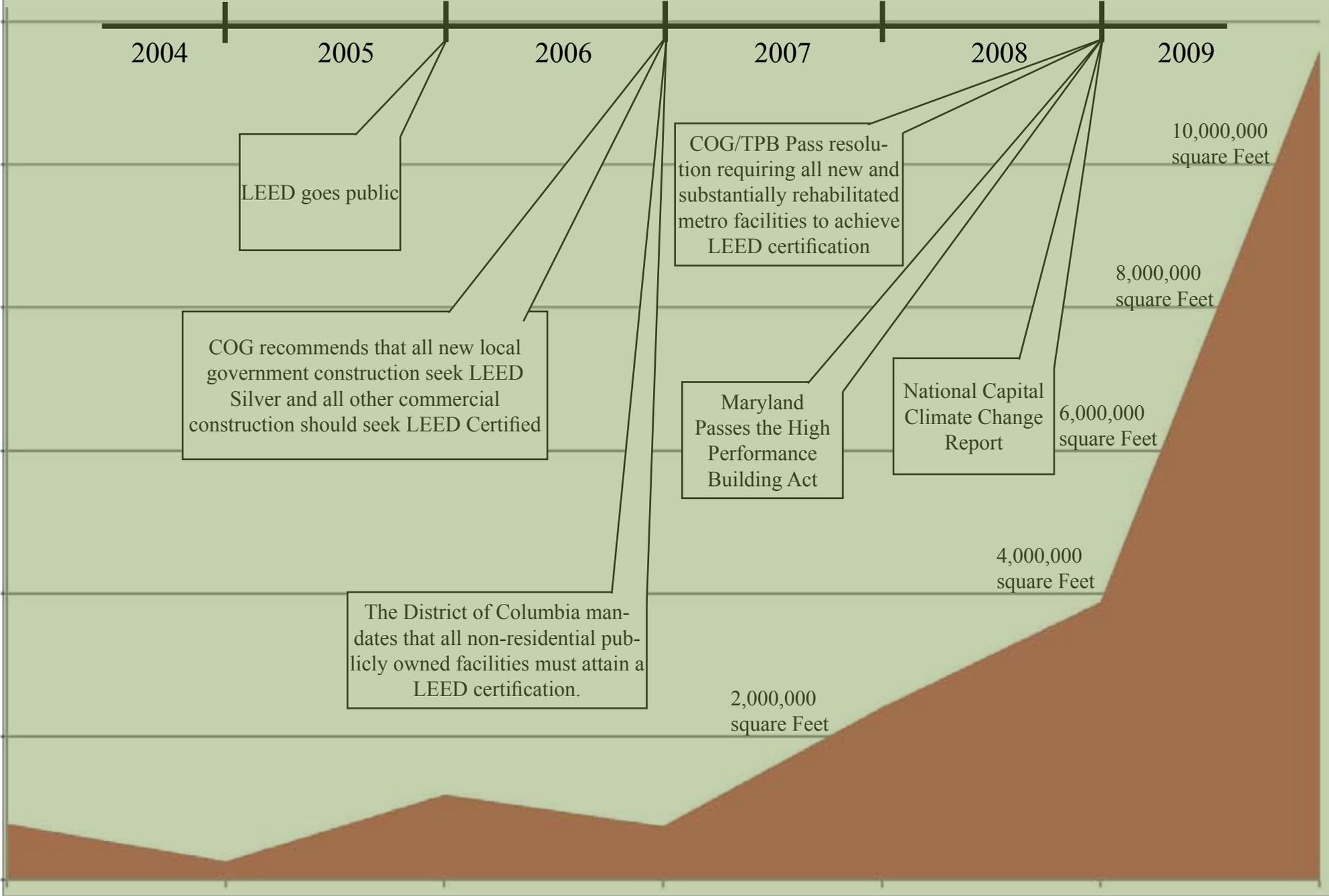
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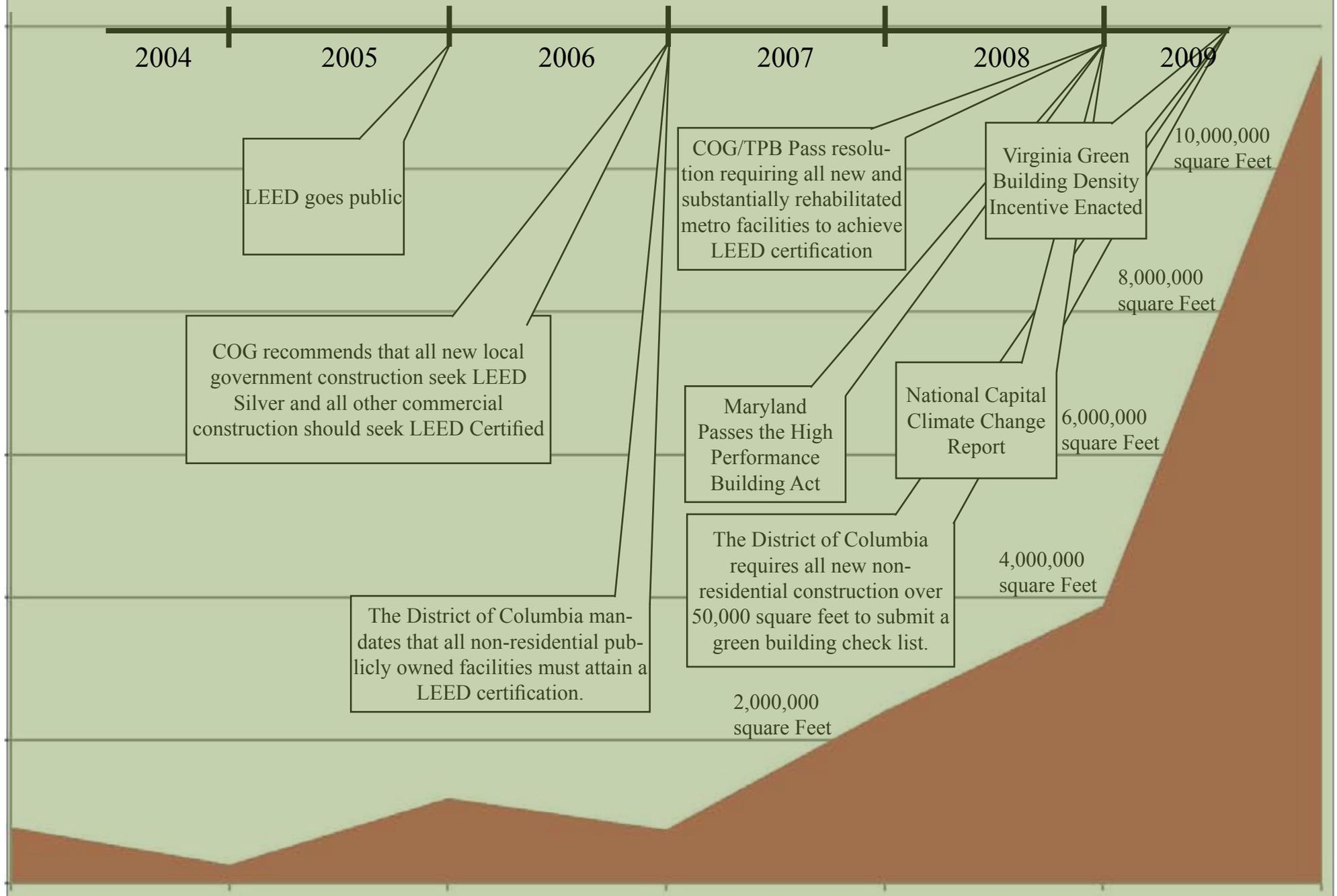
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# LEED Registered Projects

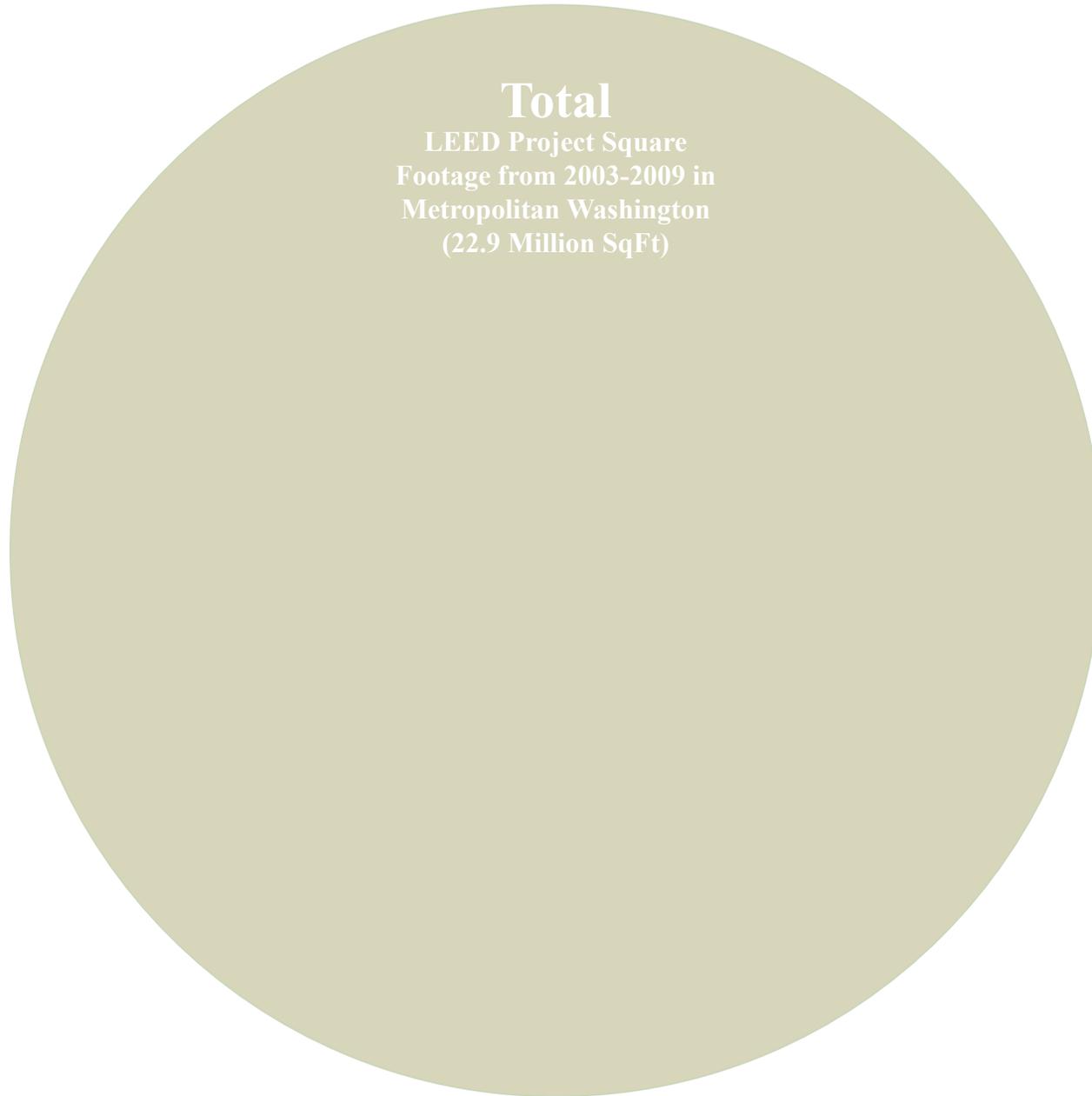
Registration is the first step in attaining LEED Certification. Registration indicates the developer's intent to pursue a LEED Certification

Registration rates are a strong indicator of what developers plan to construct in the coming years. Not all projects that are registered will be constructed.

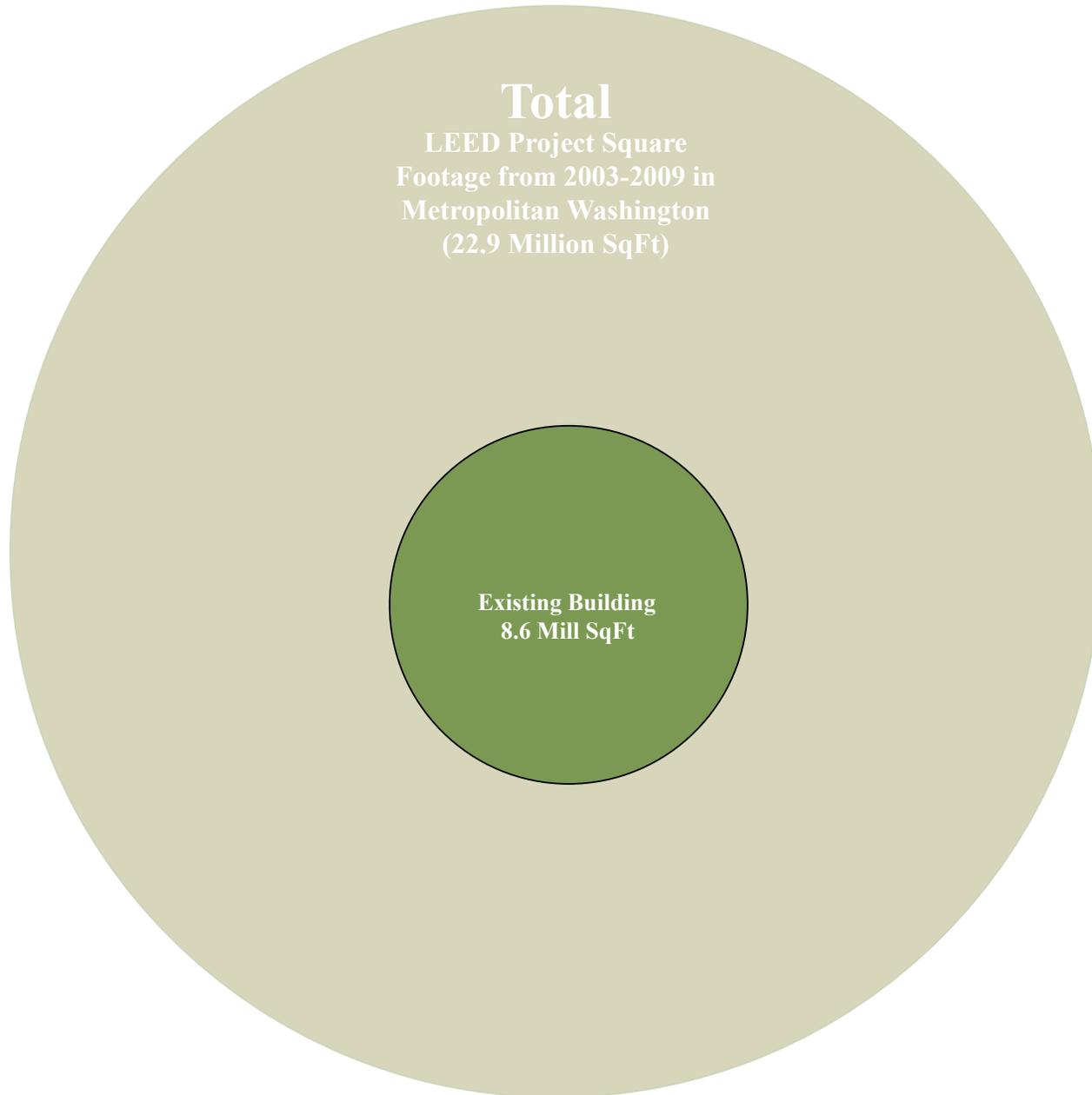
\* Approximately 20% of registered projects are "confidential" and are listed only by state. These projects are not included because they can not be linked to the Metropolitan



# Area of LEED Projects by Category 2003-2009



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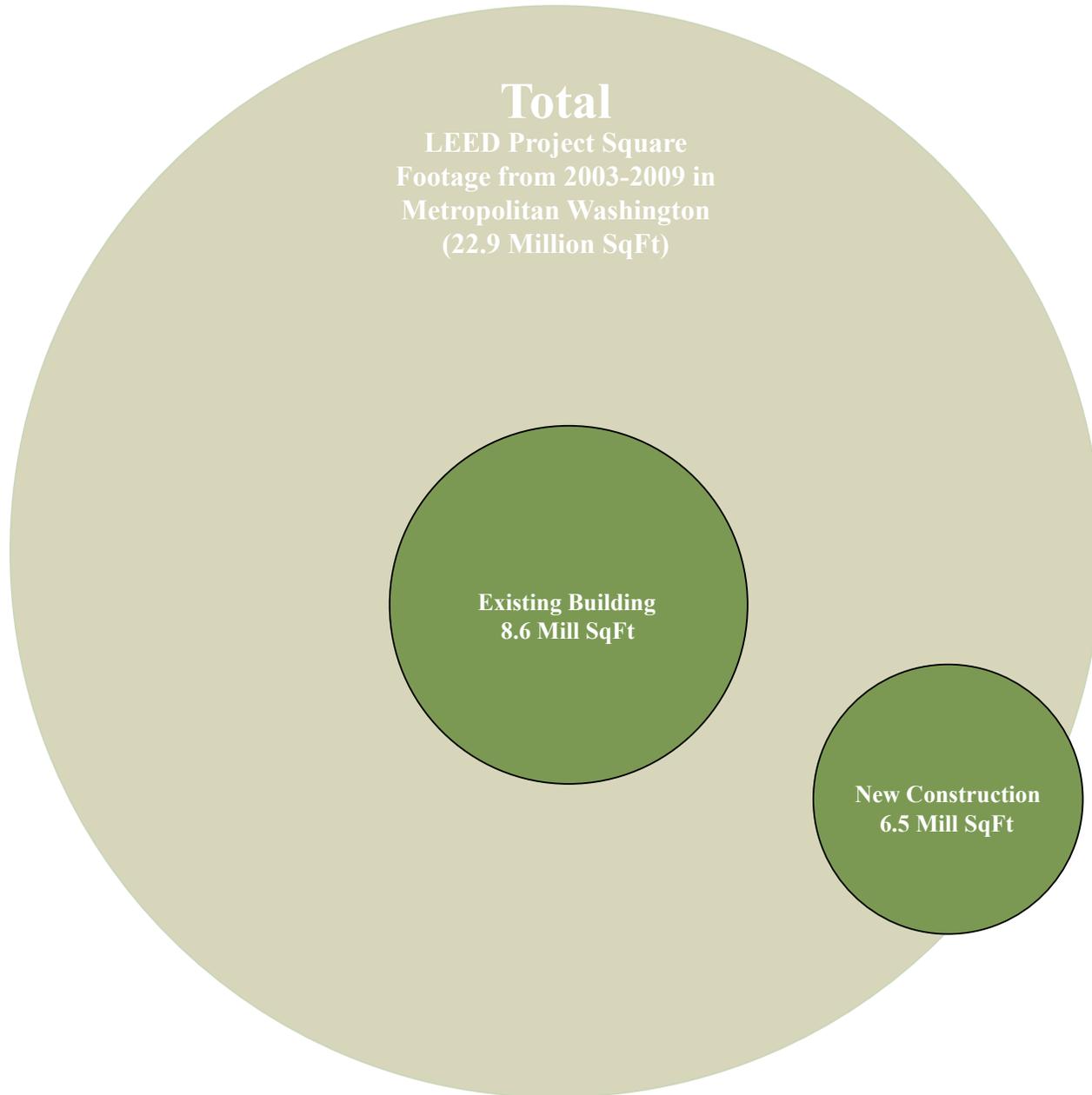


## Total

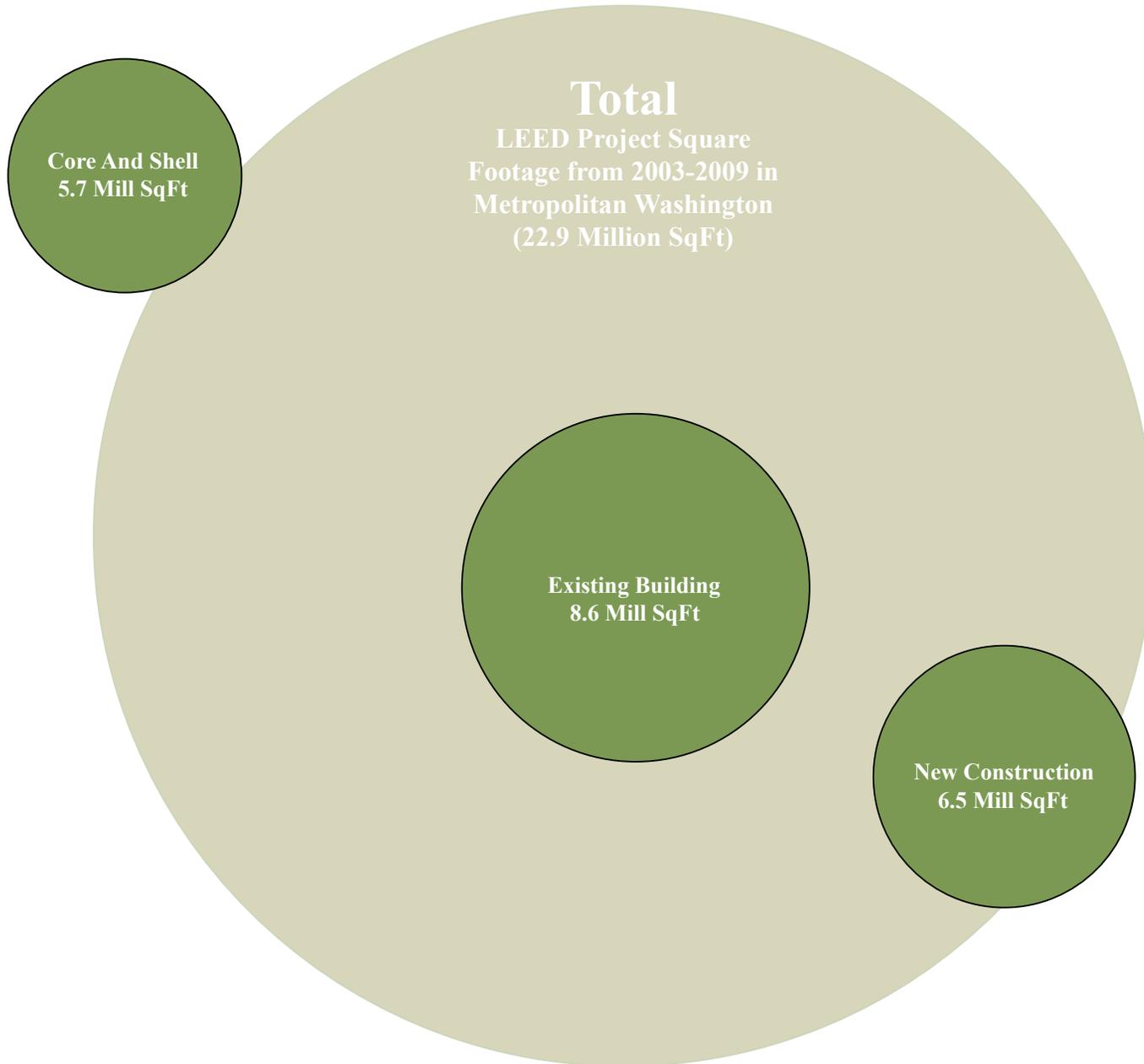
LEED Project Square  
Footage from 2003-2009 in  
Metropolitan Washington  
(22.9 Million SqFt)

Existing Building  
8.6 Mill SqFt

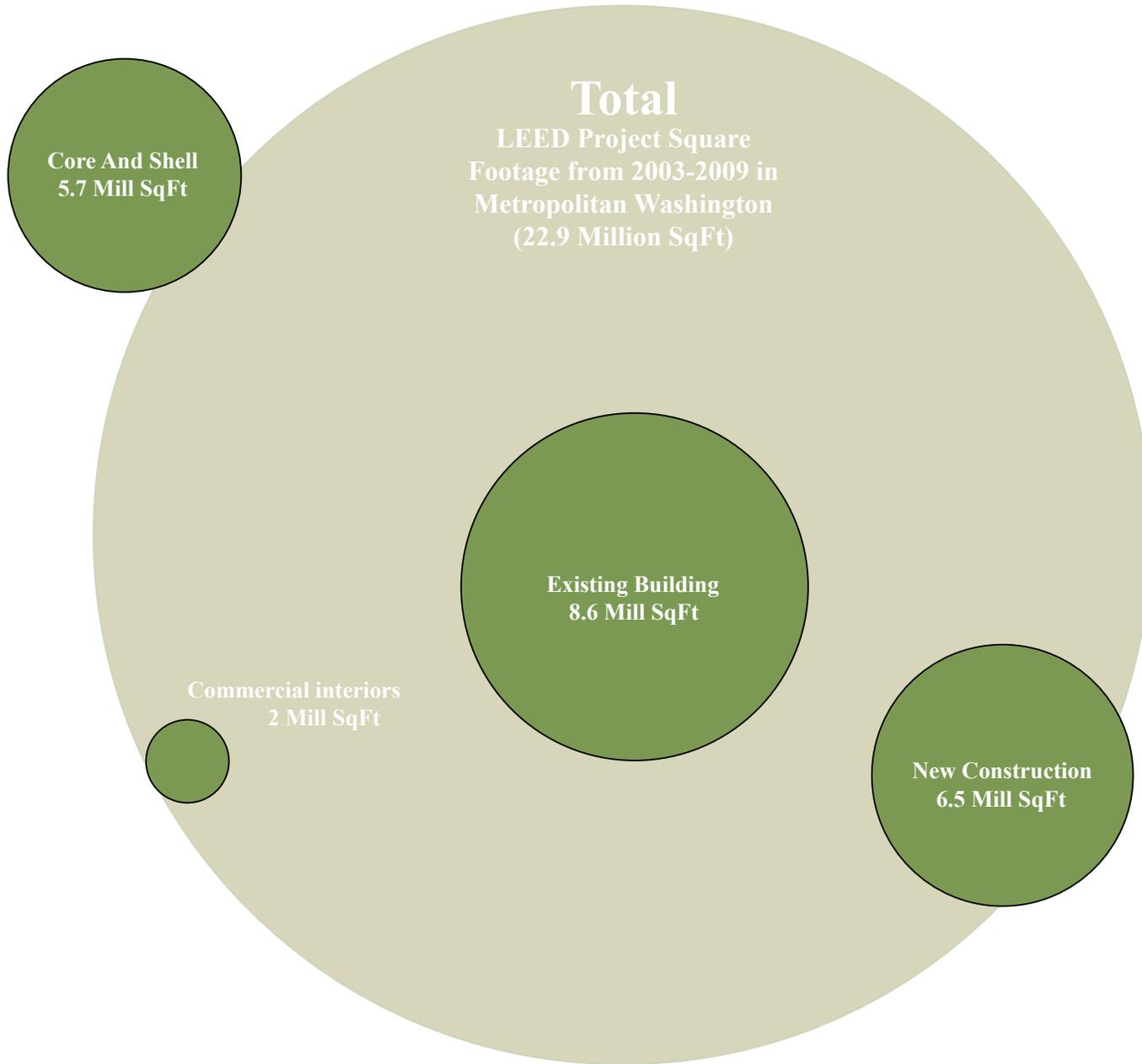
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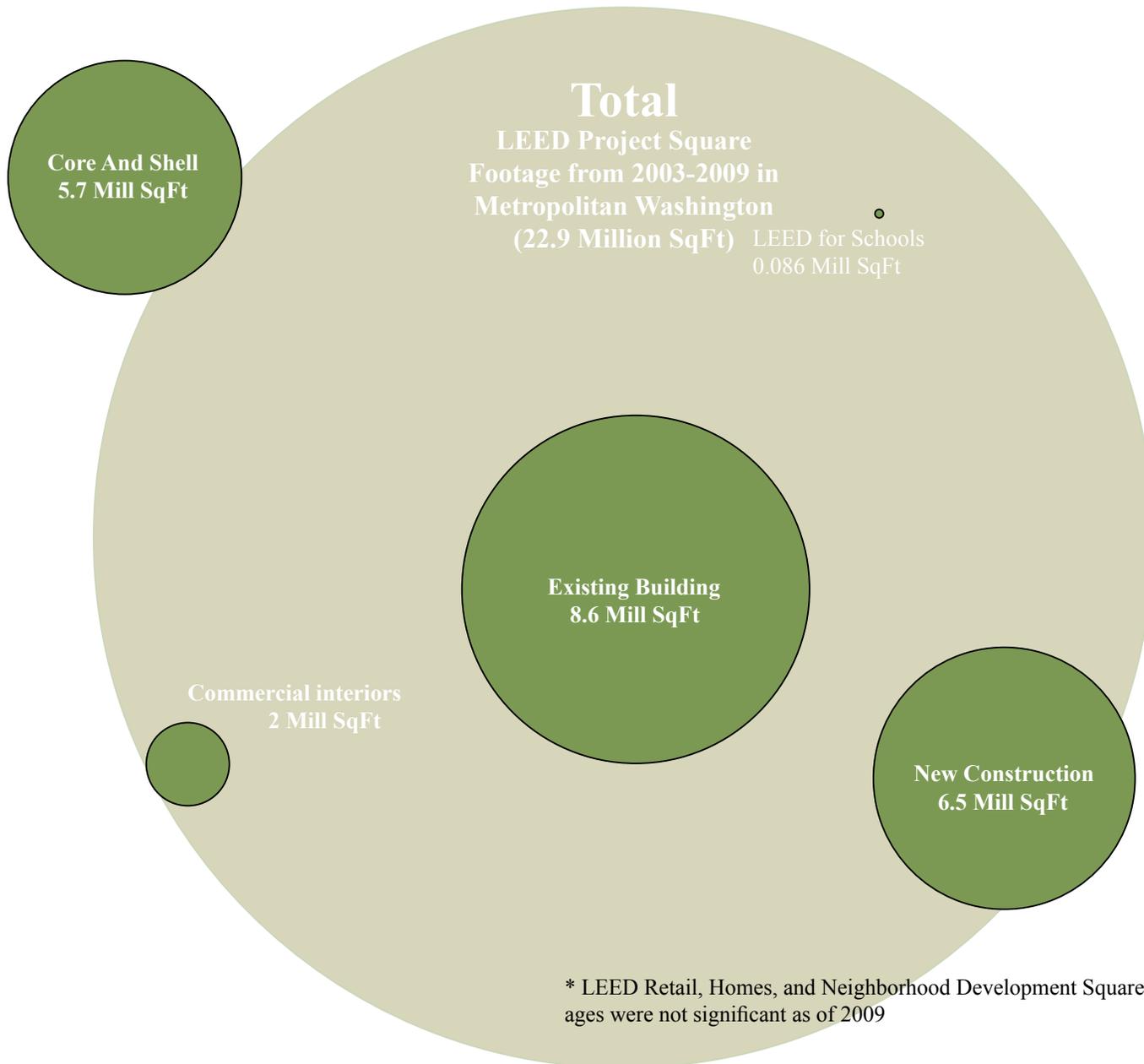
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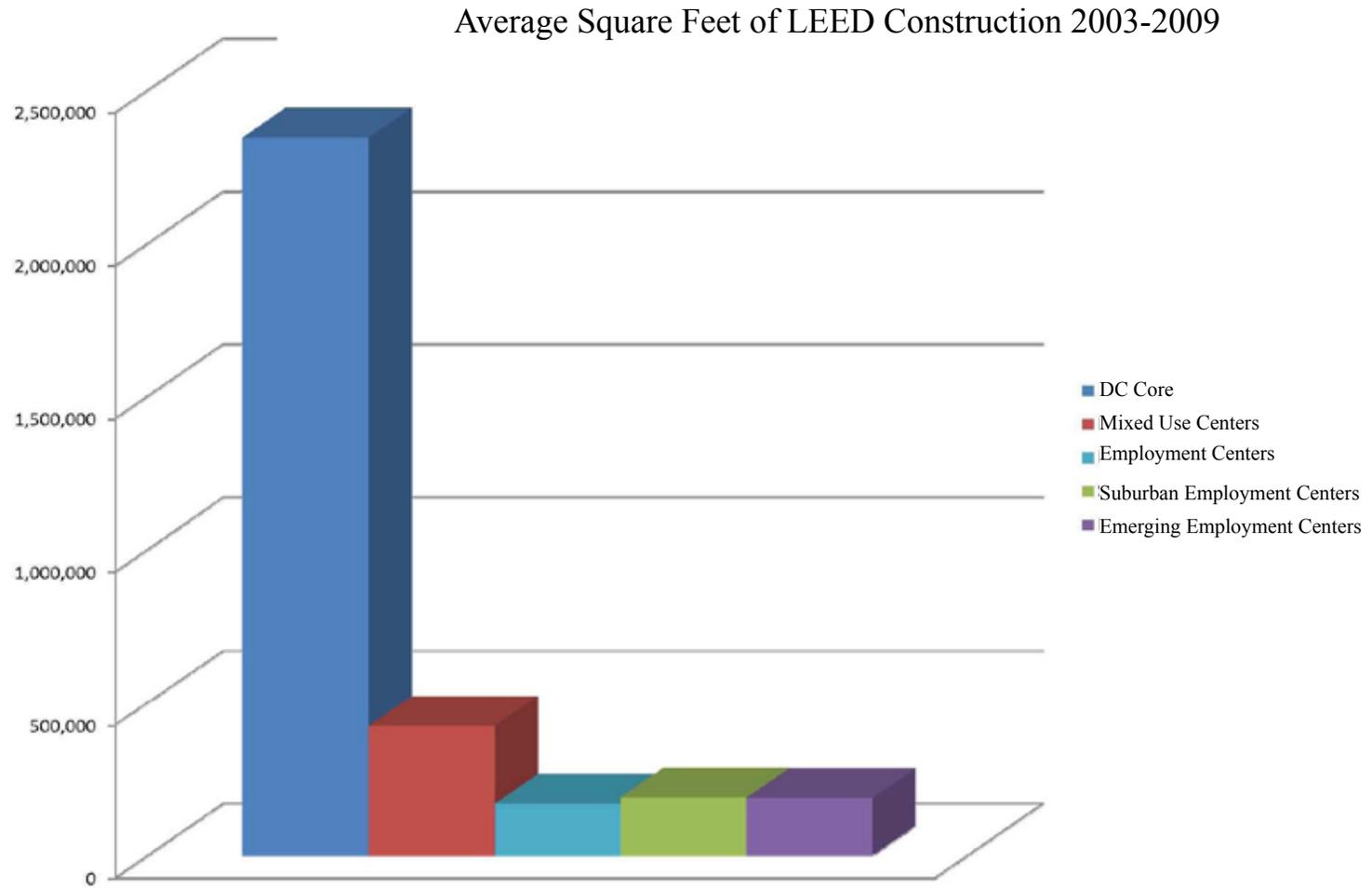
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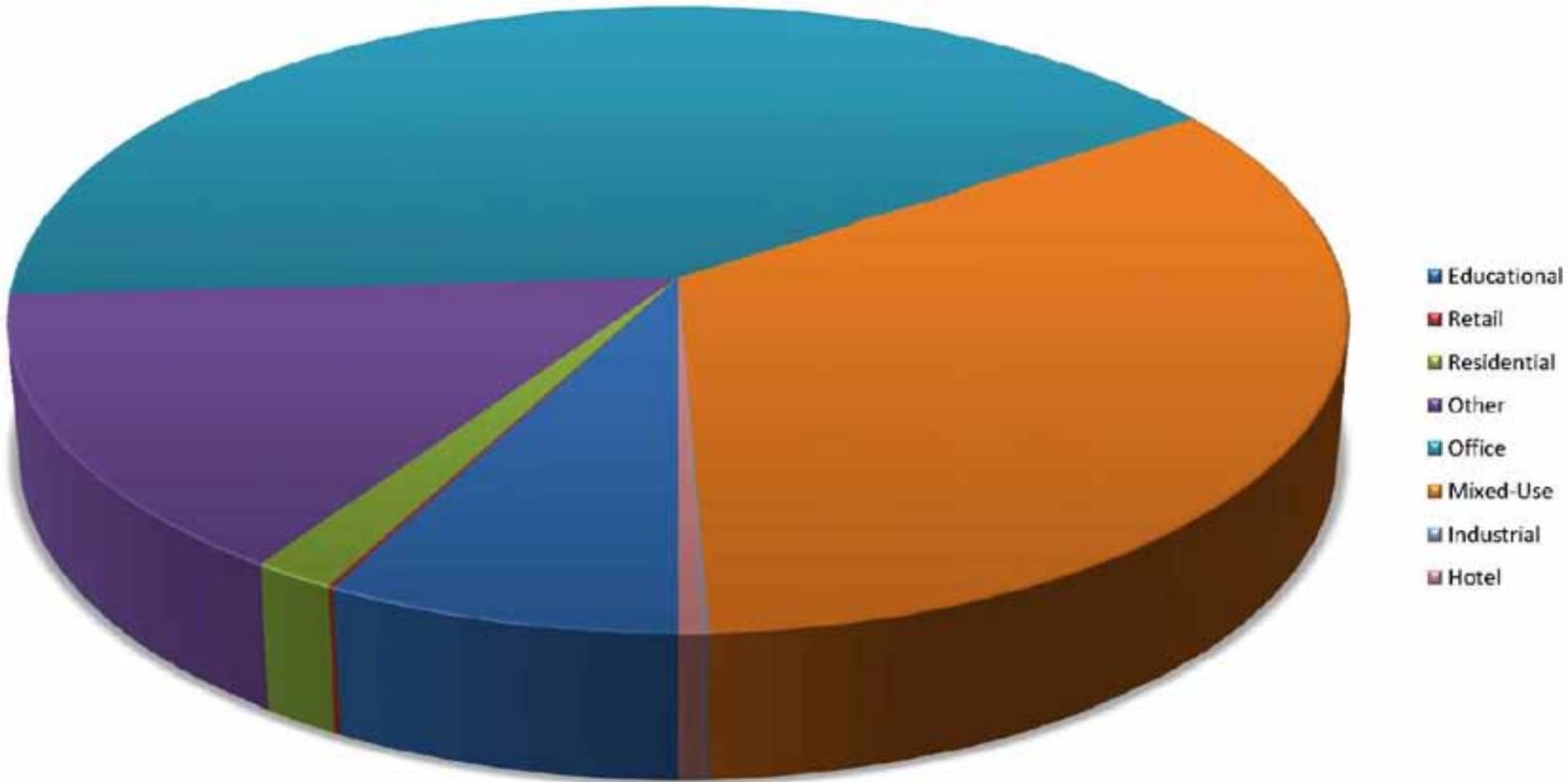
# Area of LEED Projects by Category 2003-2009



# LEED in Activity Centers

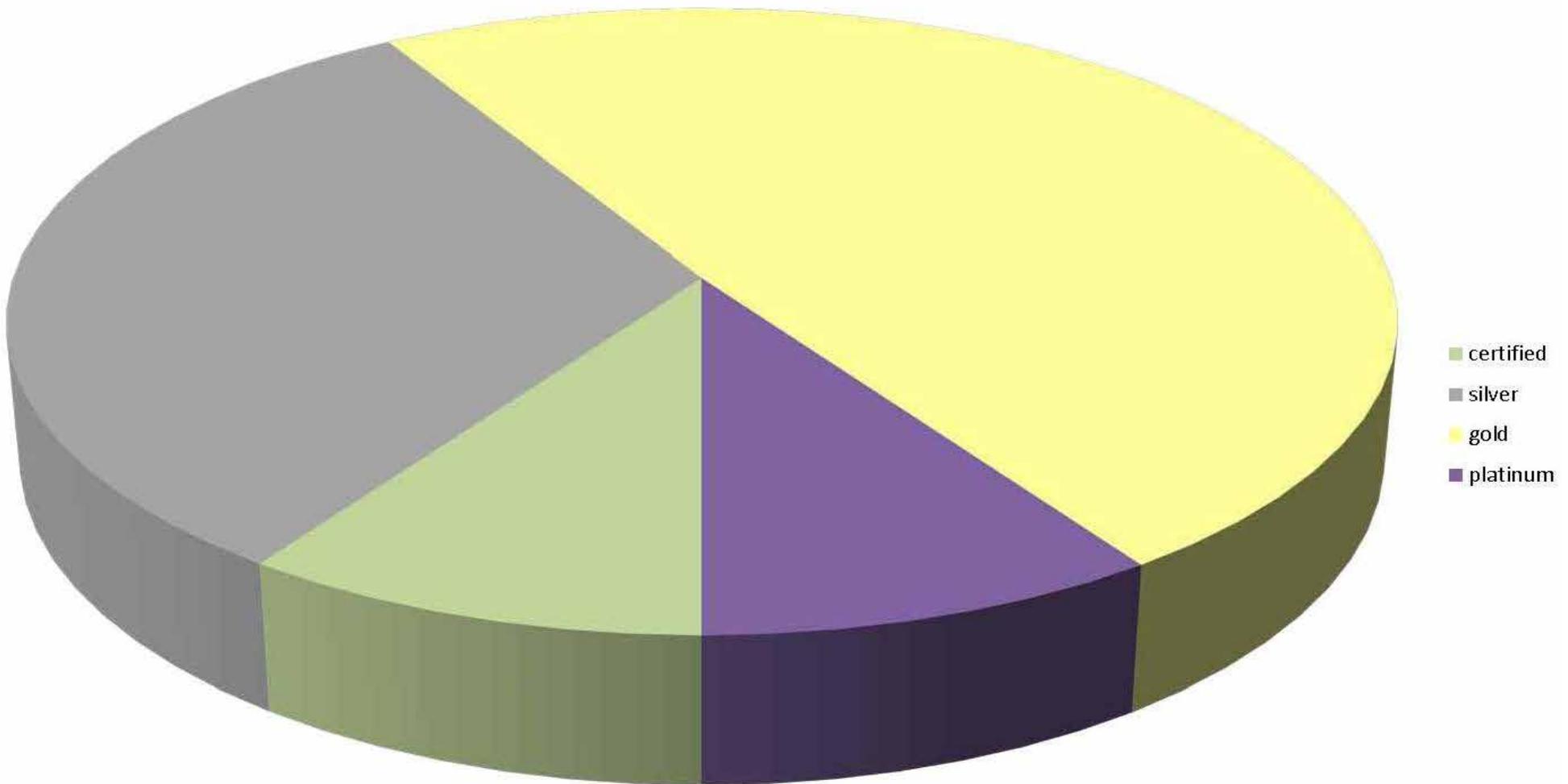


# Building Type



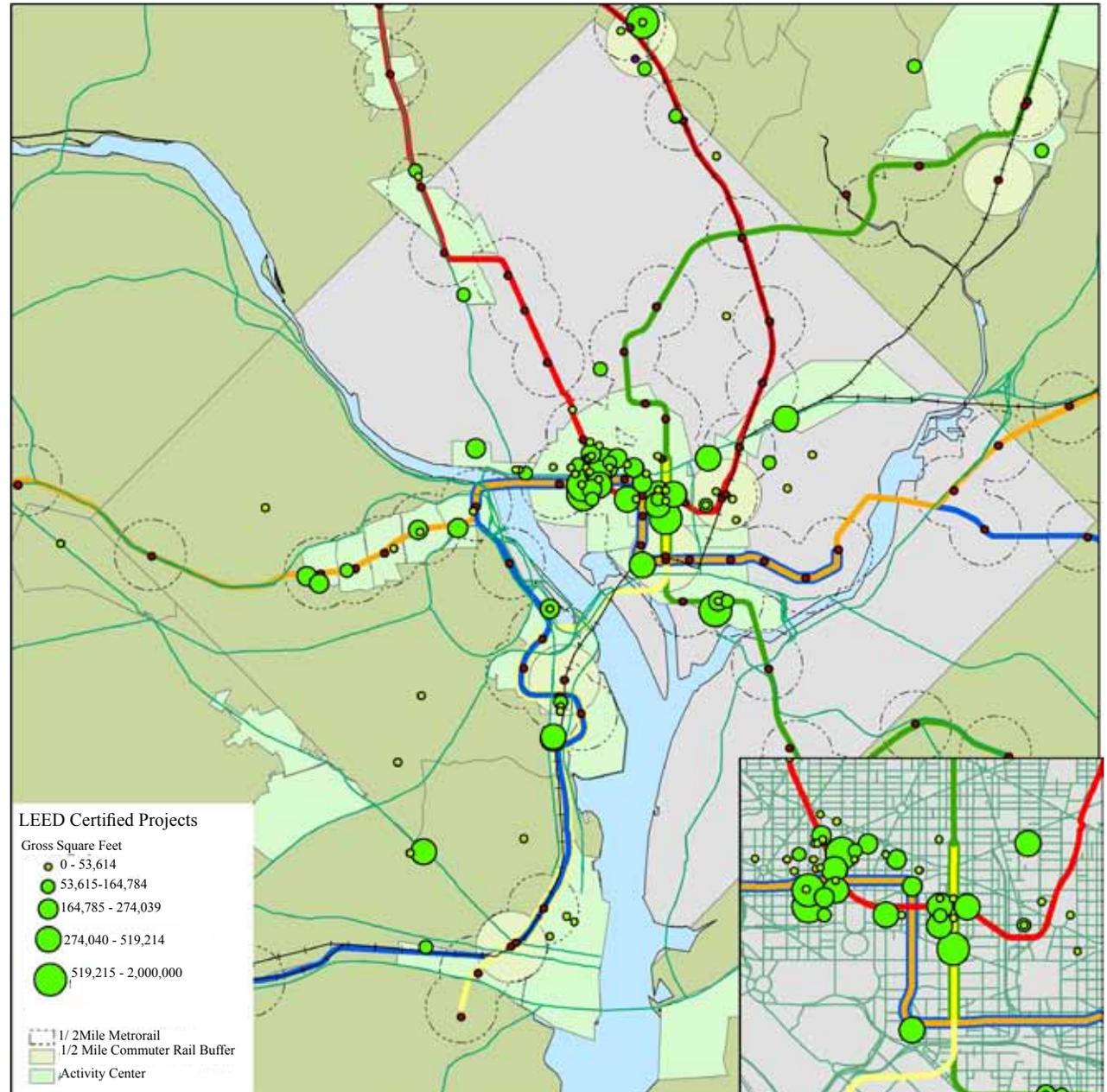
\*Building Type by square feet

# LEED Certification Level

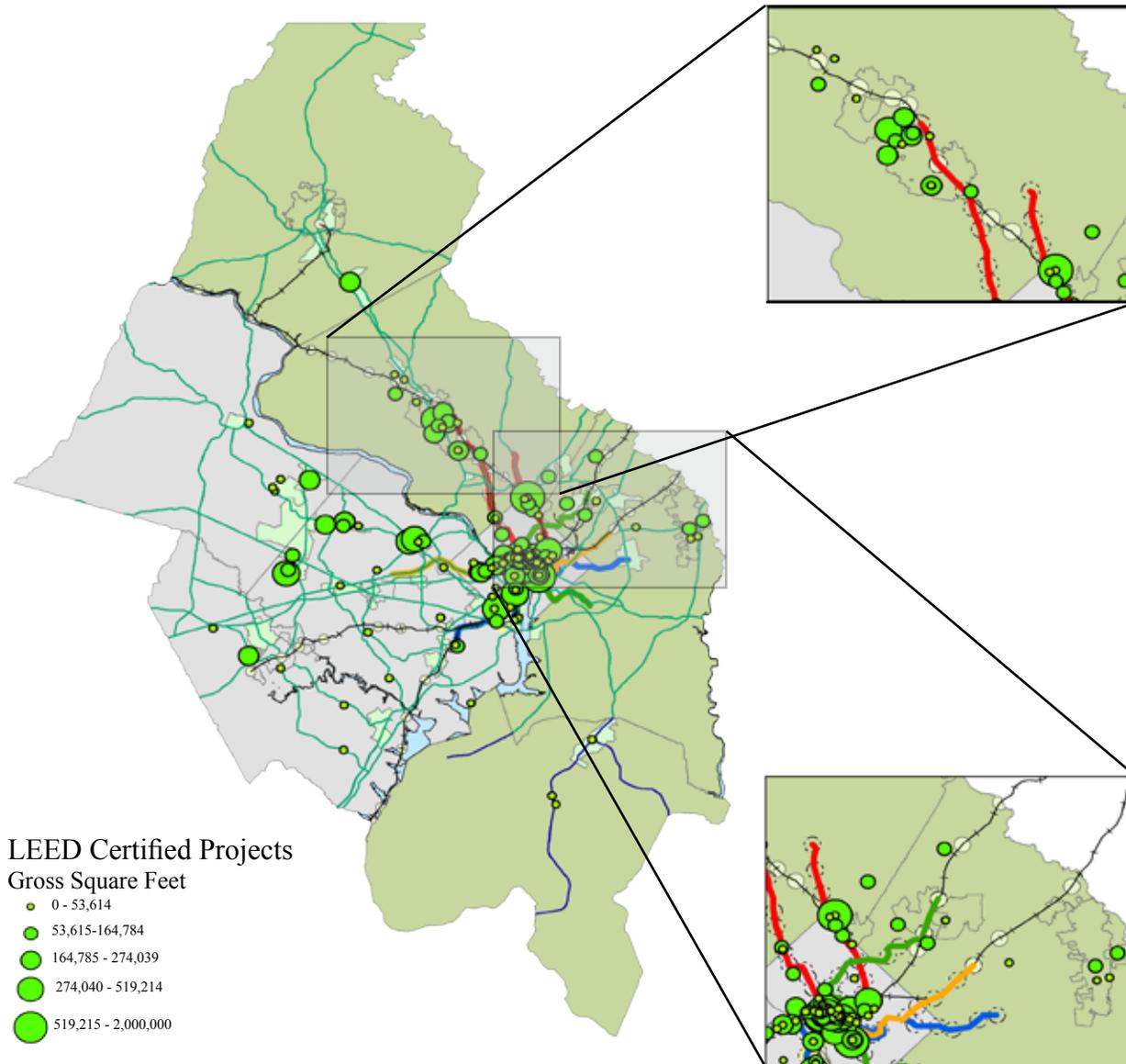


# The District of Columbia

- The District of Columbia has had 72 LEED projects from 2003-2009
- Totaling 12.5 million square feet of LEED certified projects
- 7 projects were LEED Platinum



# Maryland



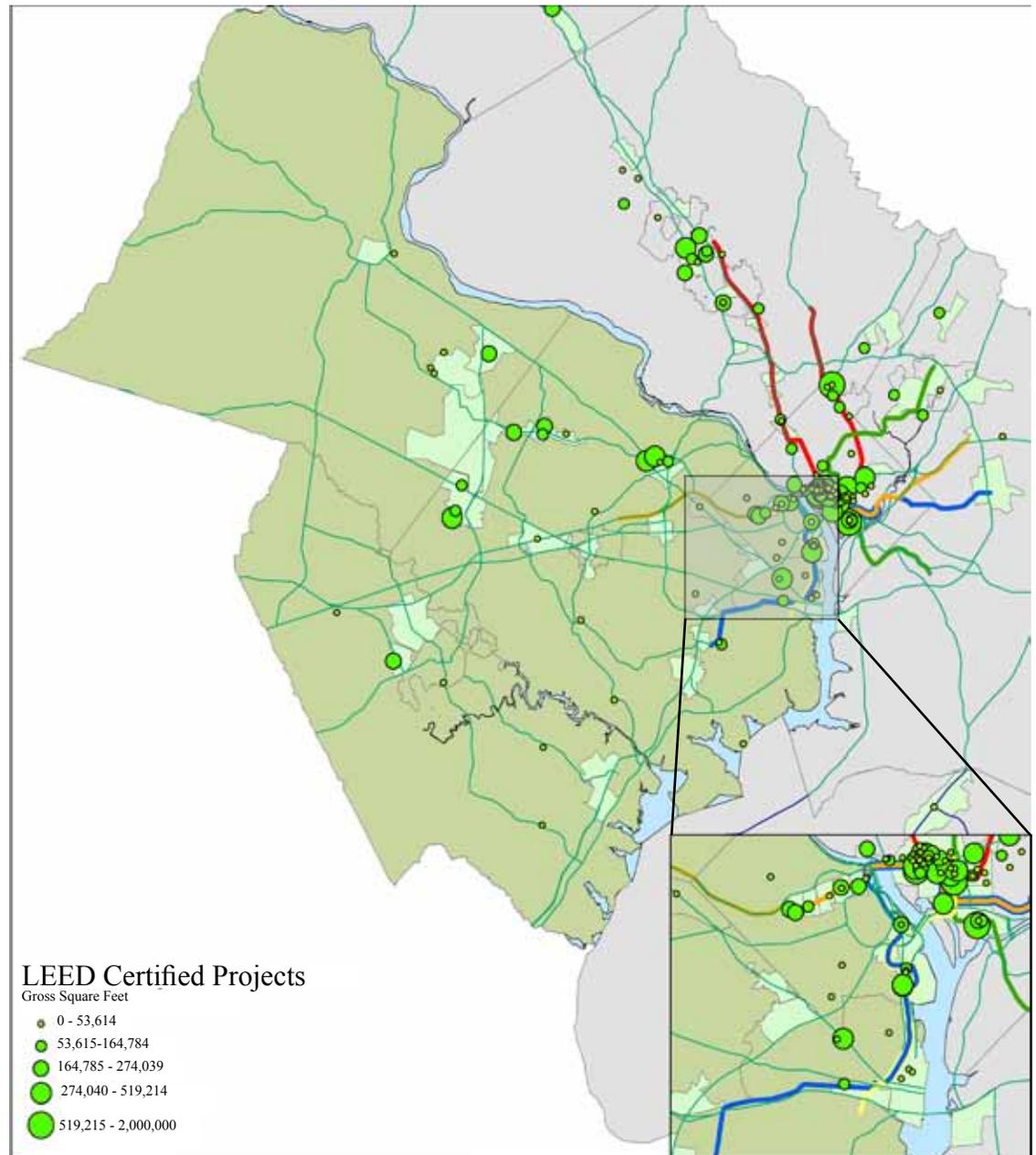
- Maryland jurisdictions had a total of 40 LEED projects from 2003-2009

- Totaling 3.8 million square feet of LEED Certified Projects

- 3 projects were LEED Platinum

# Virginia

- Virginia jurisdictions had a total of 59 LEED projects between 2003- 2009
- Totaling 6.6 million square feet LEED certified projects
- 2 projects were certified LEED Platinum



Program Type	District of Columbia	City of Alexandria	Arlington County	Fairfax County	City of Fairfax	City of Falls Church	Loudoun County	Prince William County	City of Manassas	City of Manassas Park
Public Facilities										
Prefered Certification Program	✓	✓	✓	✓	✓		✓			
Set standard of development	✓	✓	✓	✓	✓		✓			
Mandatory green building	✓	✓	✓							
Opoperations standard	✓	✓								
Adopted Policy Support	✓	✓	✓	✓	✓	✓	✓	✓		
Disclosure and Labeling	✓									
Standard for Schools				✓						
Private Facilities										
Prefered Certification Standard	✓	✓	✓	✓	✓					
Mandatory green building	✓	✓								
Green comercial construction standard	✓	✓	✓	✓	✓	✓				
Green Residential Construction Standard										
Multi- family construction standard	✓									
Adopted Policy Suport	✓	✓	✓	✓	✓	✓	✓	✓		
Green Bulding Codes	✓									
Disclosure and Labeling	✓									
Operations Standard	✓	✓	✓	✓						
Outreach and Education	✓				✓					

Program Type	City of Bowie	City of College Park	Frederick County	City of Gaithersburg	City of Greenbelt	Montgomery County	Prince George's County	City of Rockville	Takoma Park
Public Facilities									
Preferred Certification Program					✓	✓	✓	✓	
Set standard of development					✓	✓	✓	✓	
Mandatory green building					✓	✓	✓	✓	
Operations Standard									
Adopted Policy Support						✓			
Disclosure and Labeling									
Standard for Schools						✓			
Private Facilities									
Preferred Certification Standard						✓	✓	✓	
Mandatory green building						✓			
Green commercial construction standard						✓			
Green Residential Construction Standard						✓			
Multi- family construction standard						✓			
Adopted Policy Support						✓			
Green Building Codes									
Disclosure and Labeling									
Outreach and Education			✓			✓		✓	

Questions?

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