

Seven Years of Green Building in Metropolitan Washington



Fall 2010
Metropolitan Washington Council of Governments

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- It is also likely that local governments will include green building standards in their local codes.

Highlights

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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

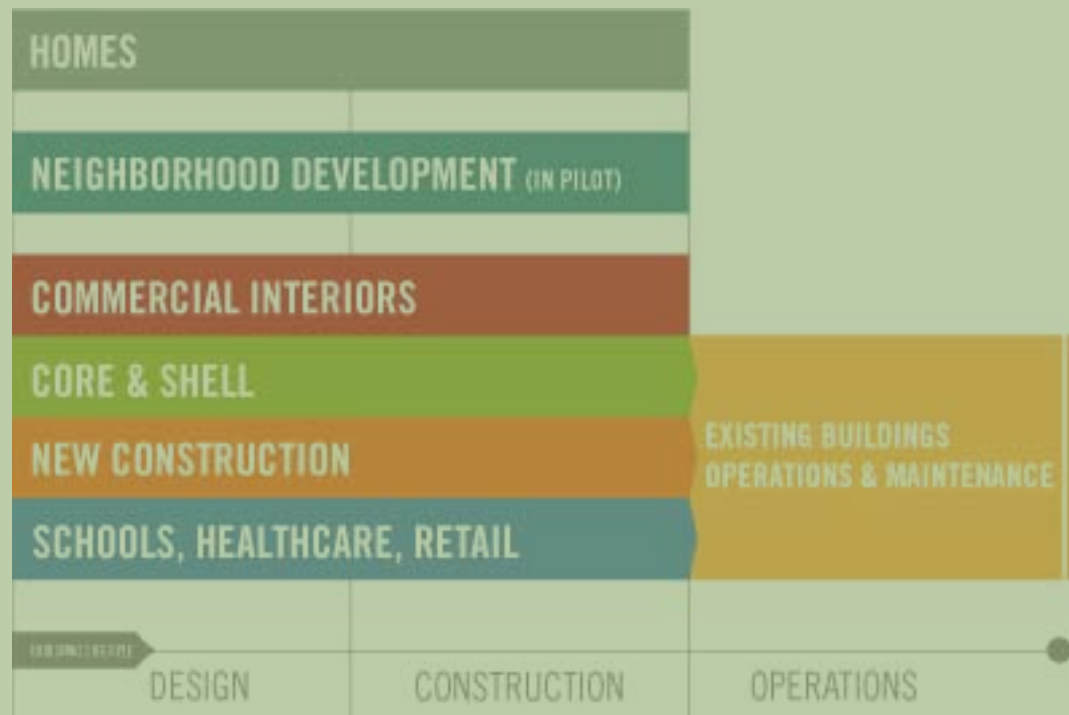
To transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life.

Vision

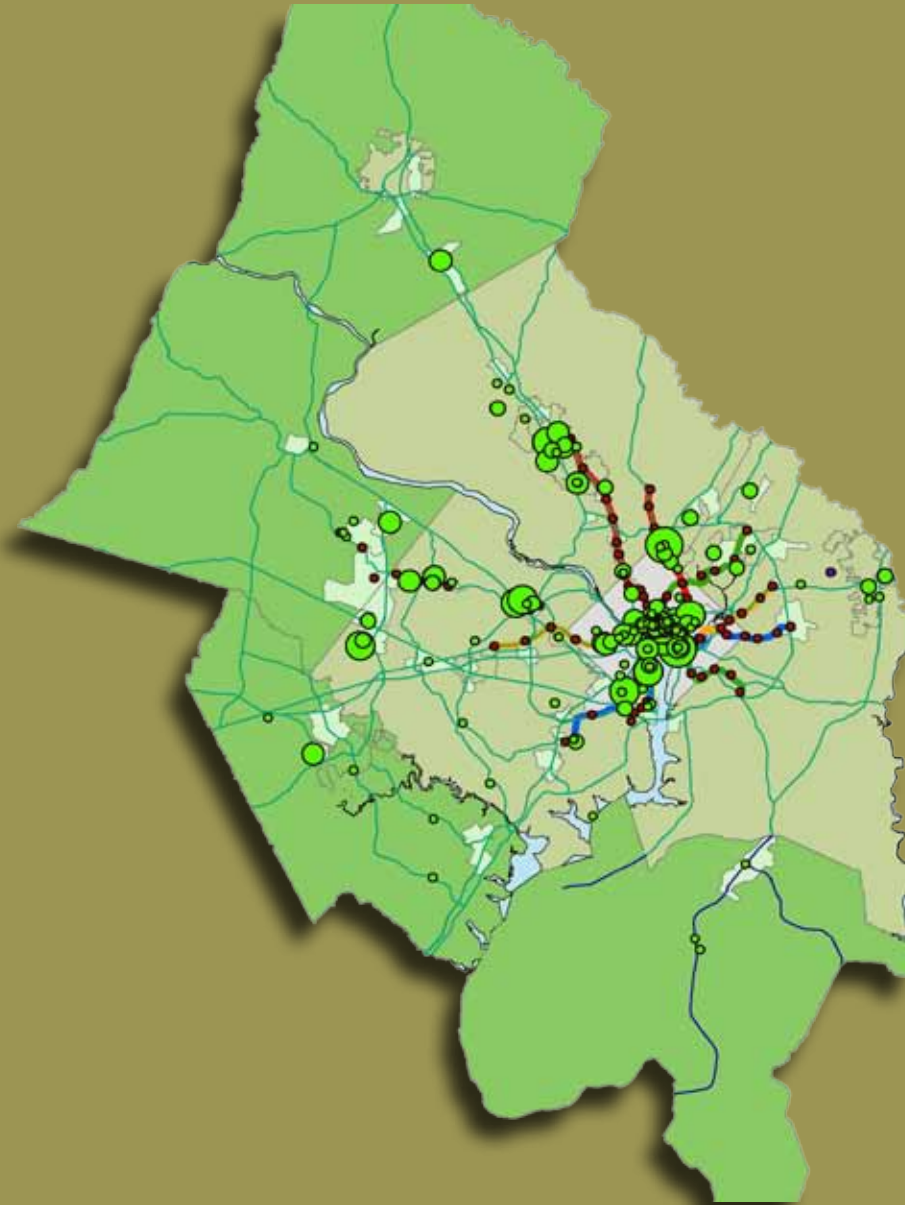
Buildings and communities will regenerate and sustain the health and vitality of all life within a generation.

LEED

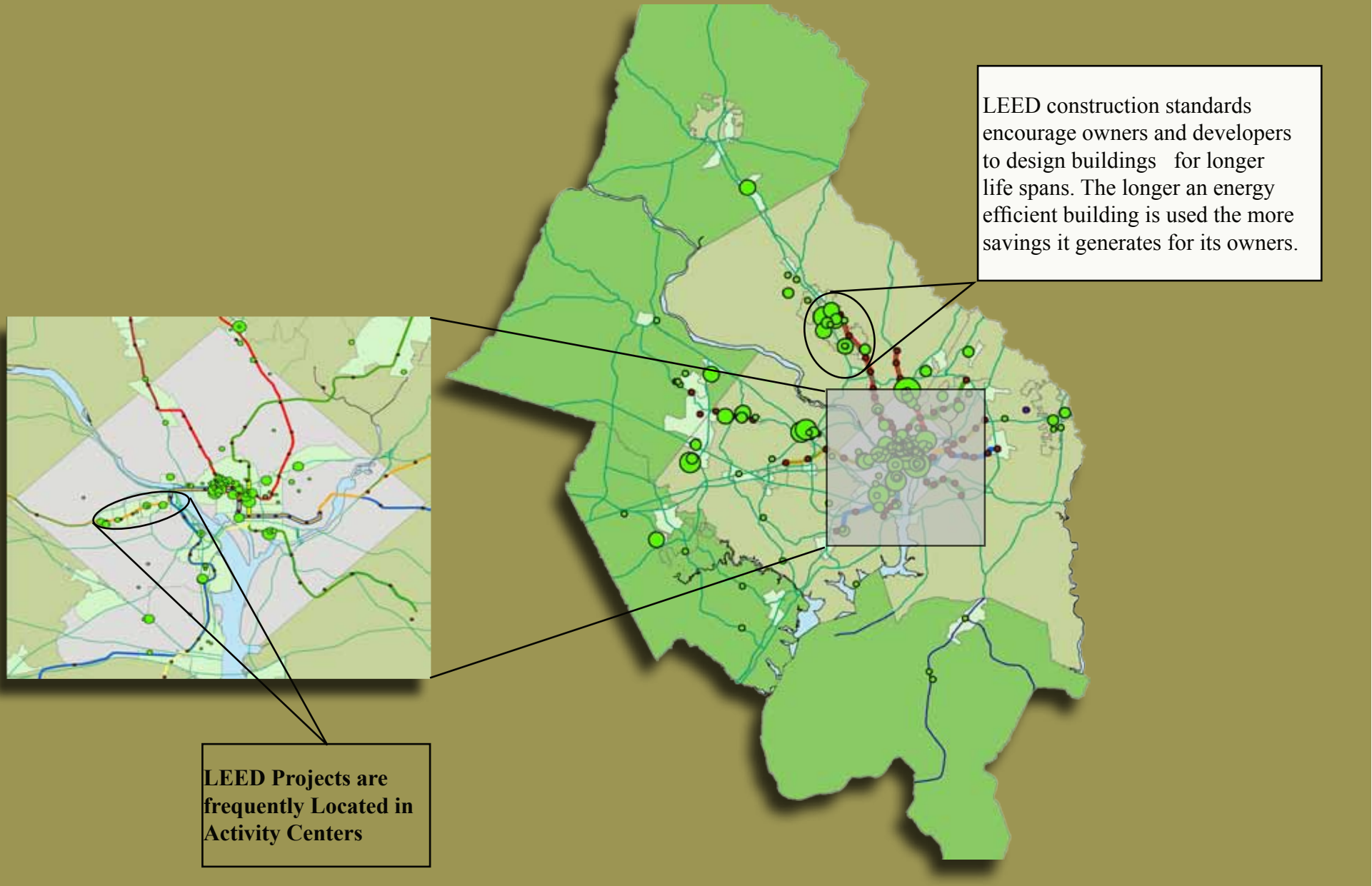
LEED- Leadership in Energy and Environmental Design is a certification program produced and maintained by the U.S. Green Building Council that promotes efficient design and operation of buildings.



Gross Square Footage of LEED Certified Projects



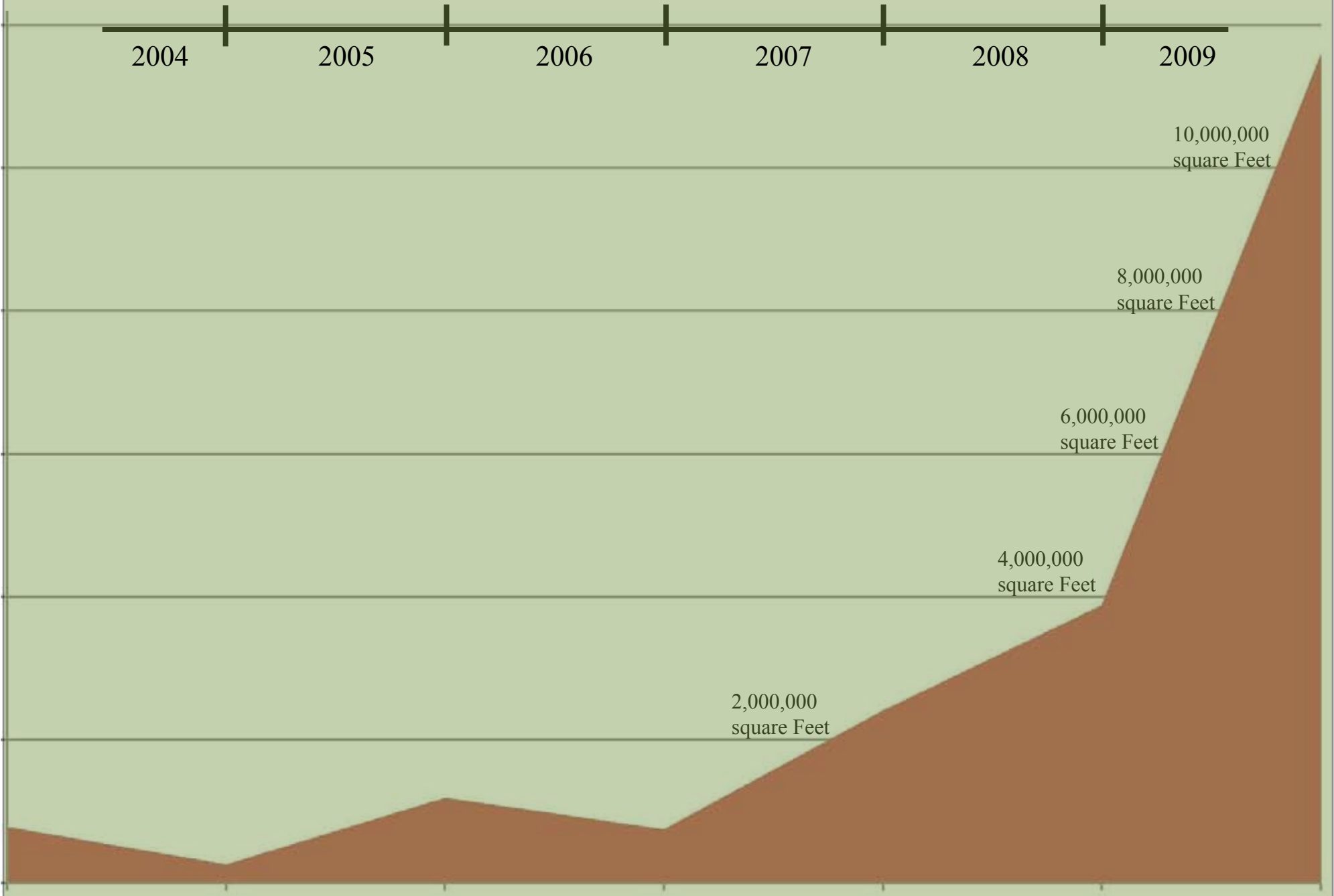
Gross Square Footage of LEED Certified Projects



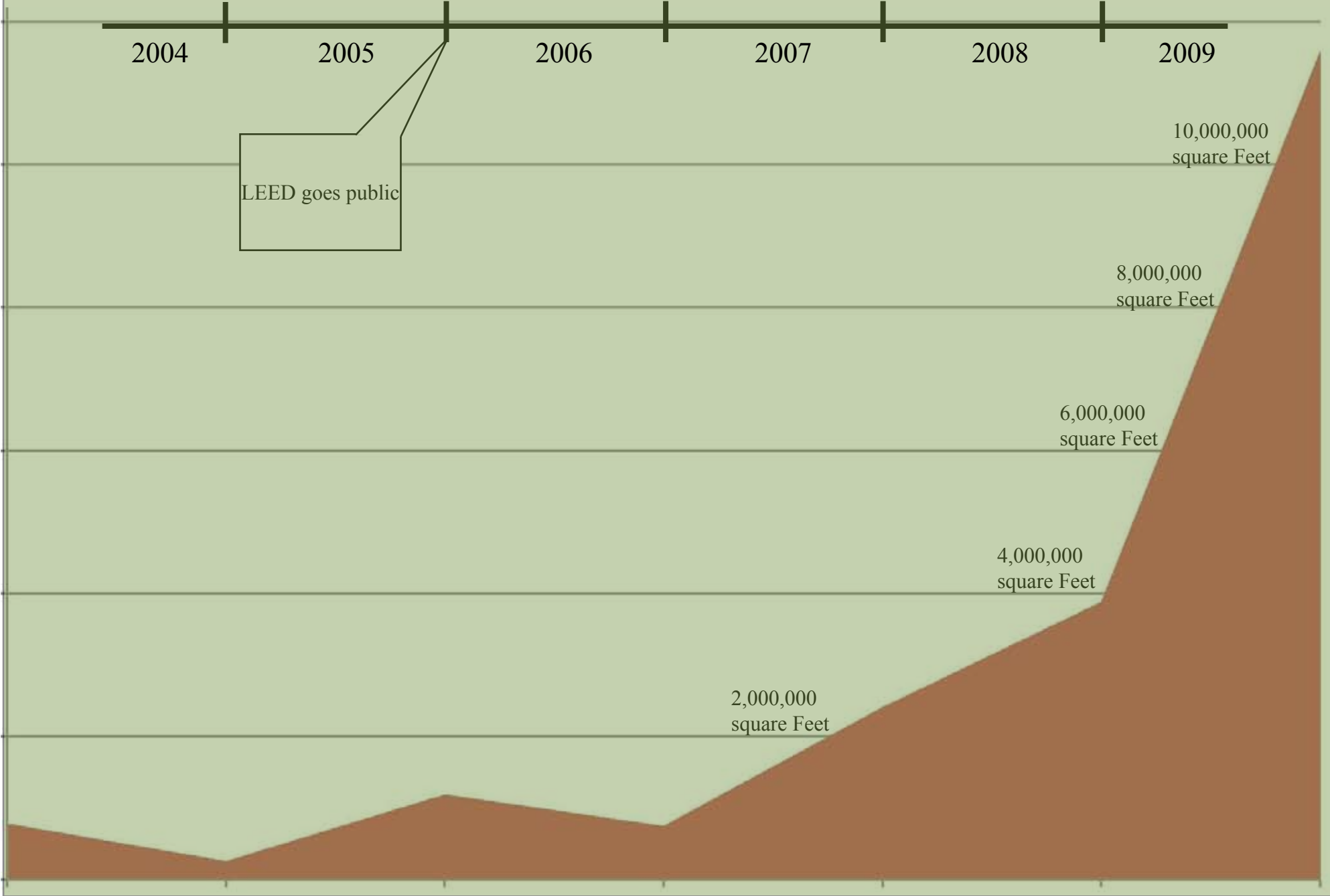
Transit Oriented Development



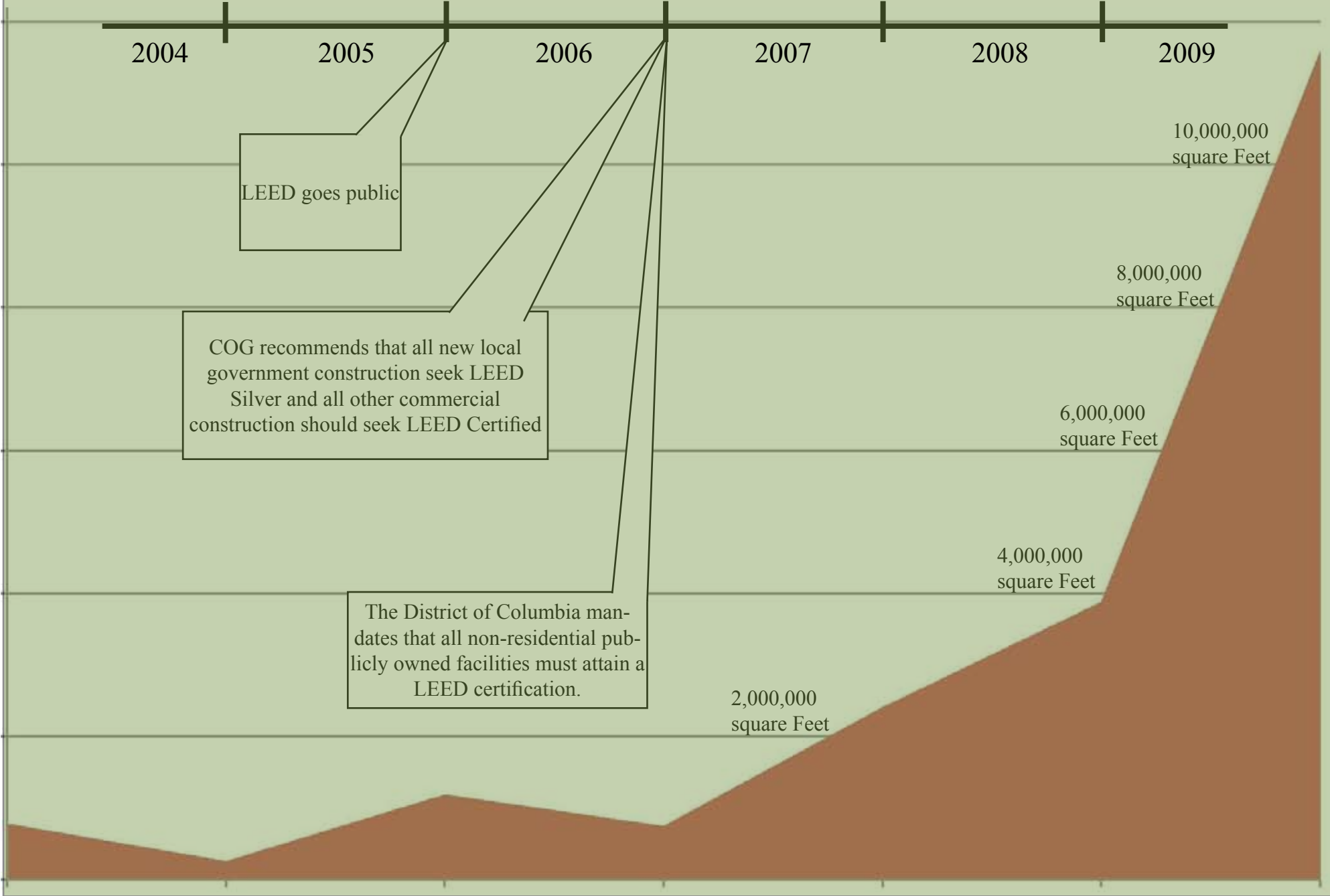
Green Building In Metropolitan Washington



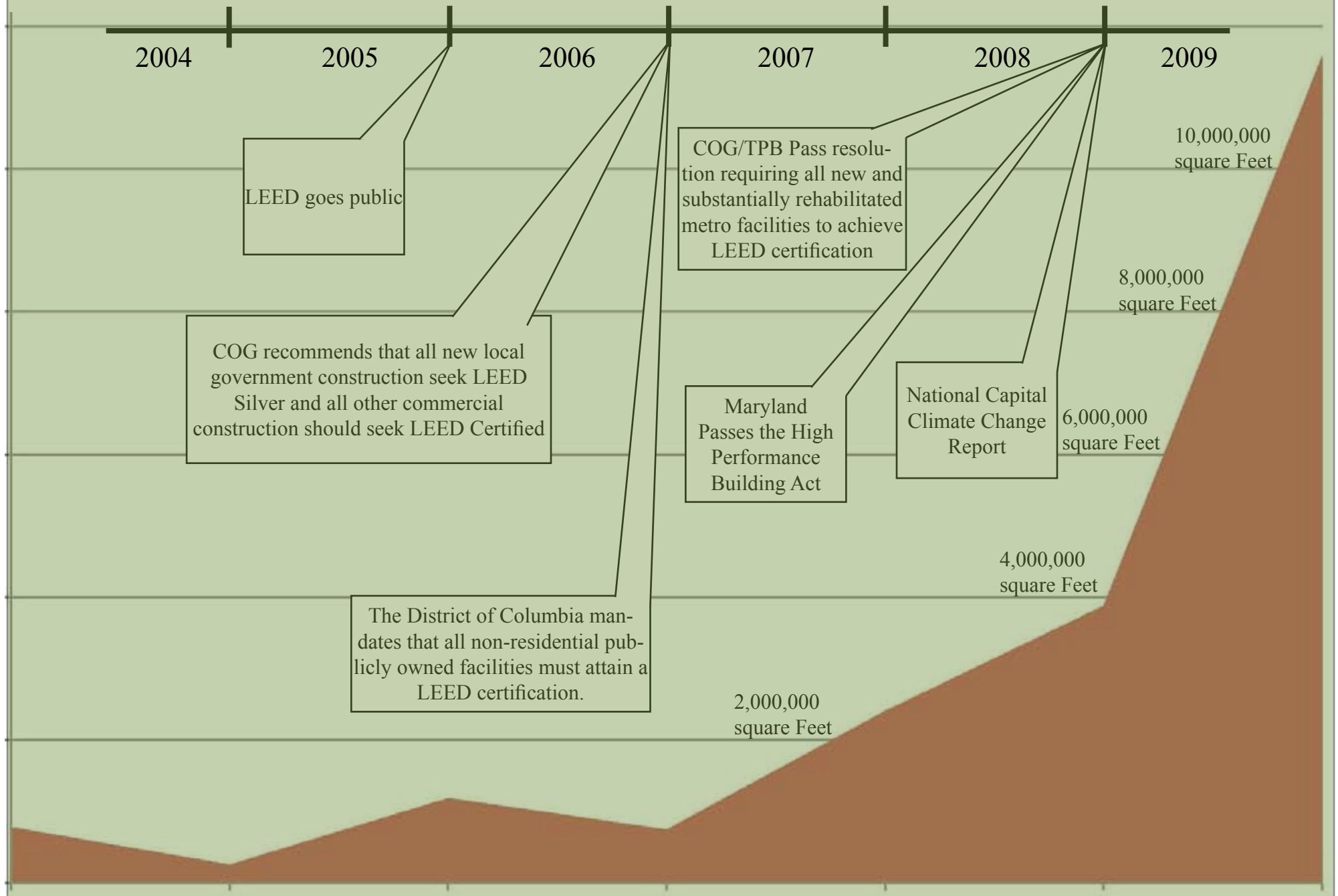
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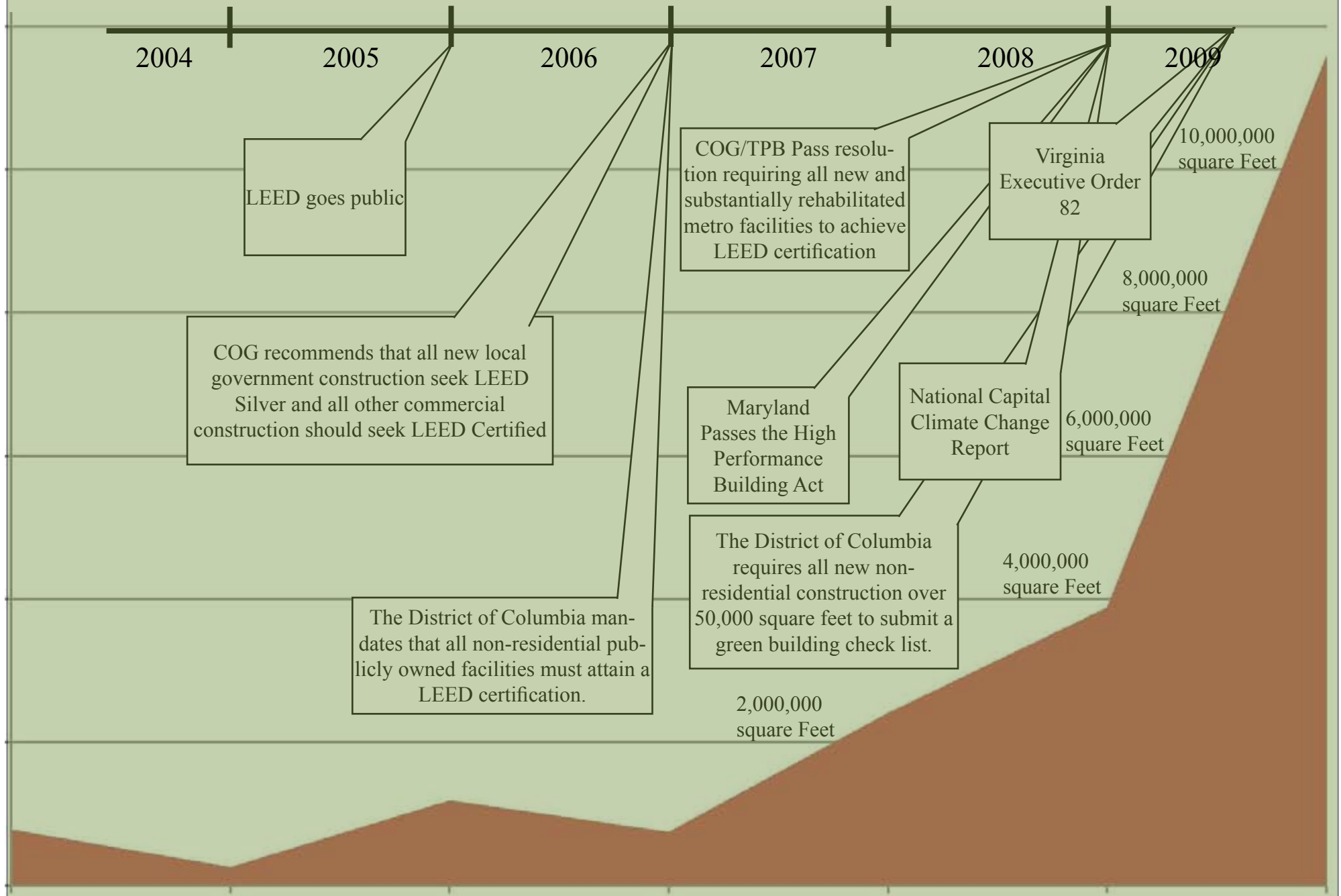
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LEED Registered Projects

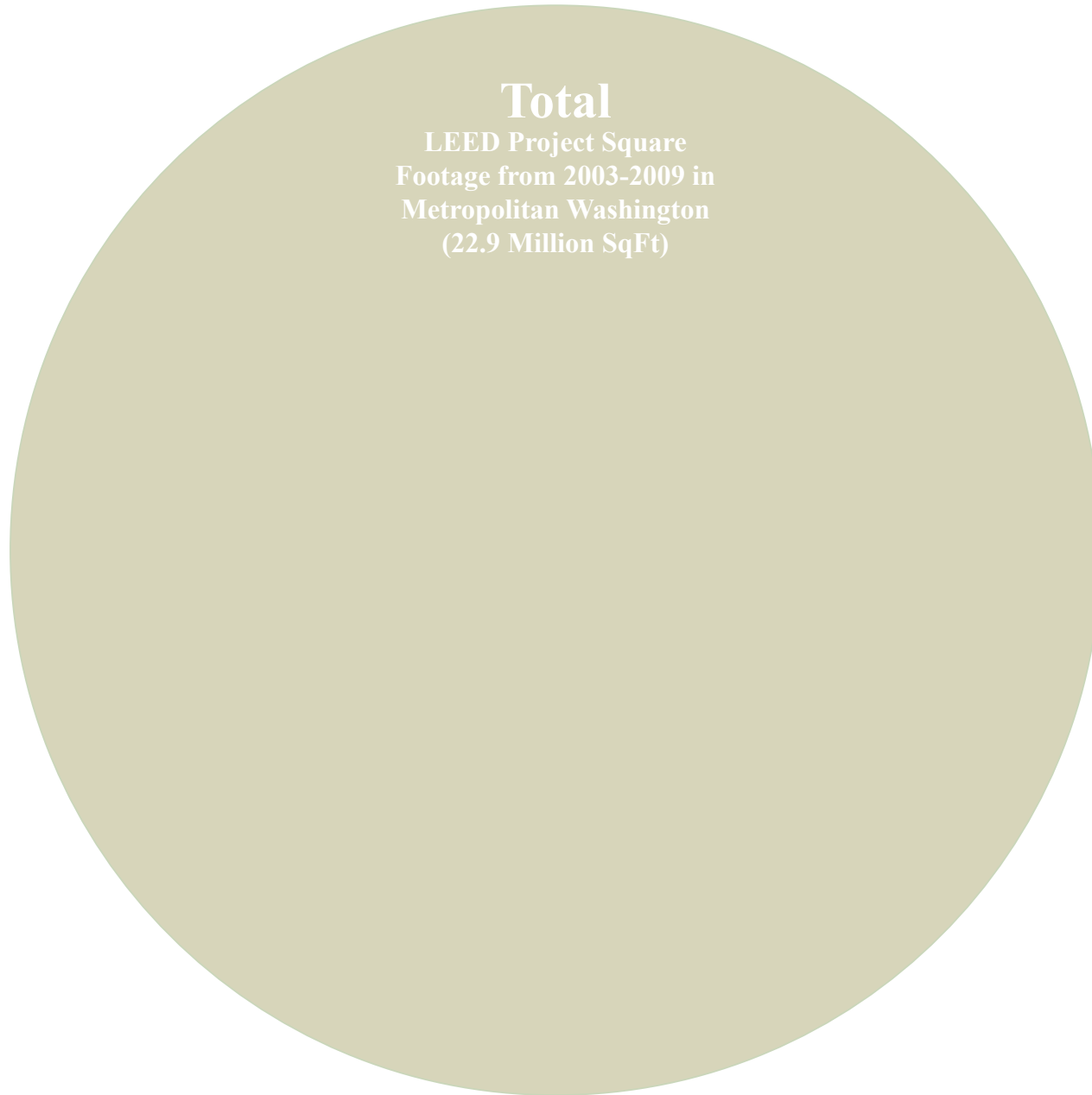
Registration is the first step in attaining LEED Certification. Registration indicates the developer's intent to pursue a LEED certification.

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.

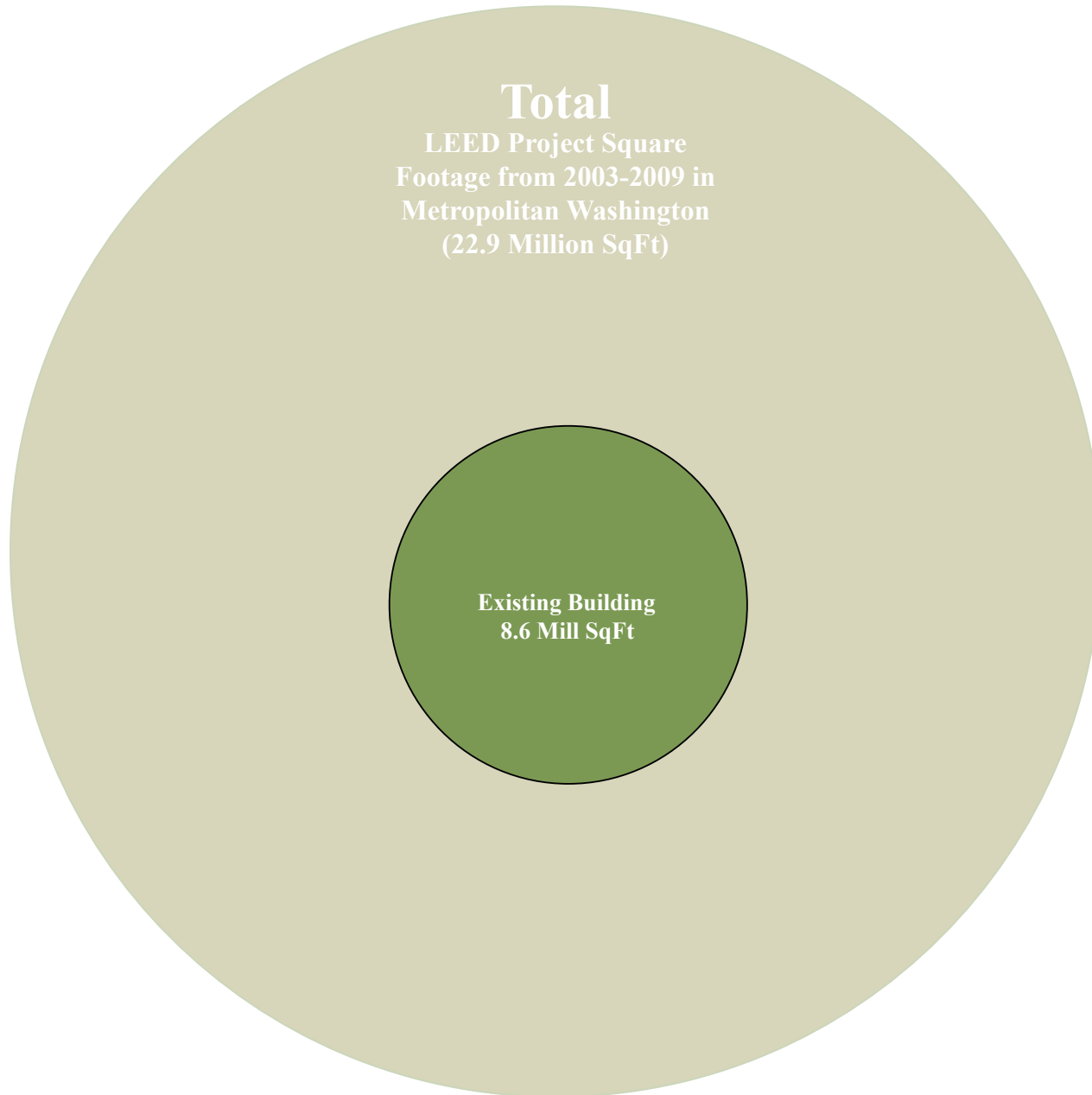
* Approximately 20% of registered projects are "confidential" and are listed only by state. These projects are not included because they can not be linked to the Metropolitan



Area of LEED Projects by Category 2003-2009



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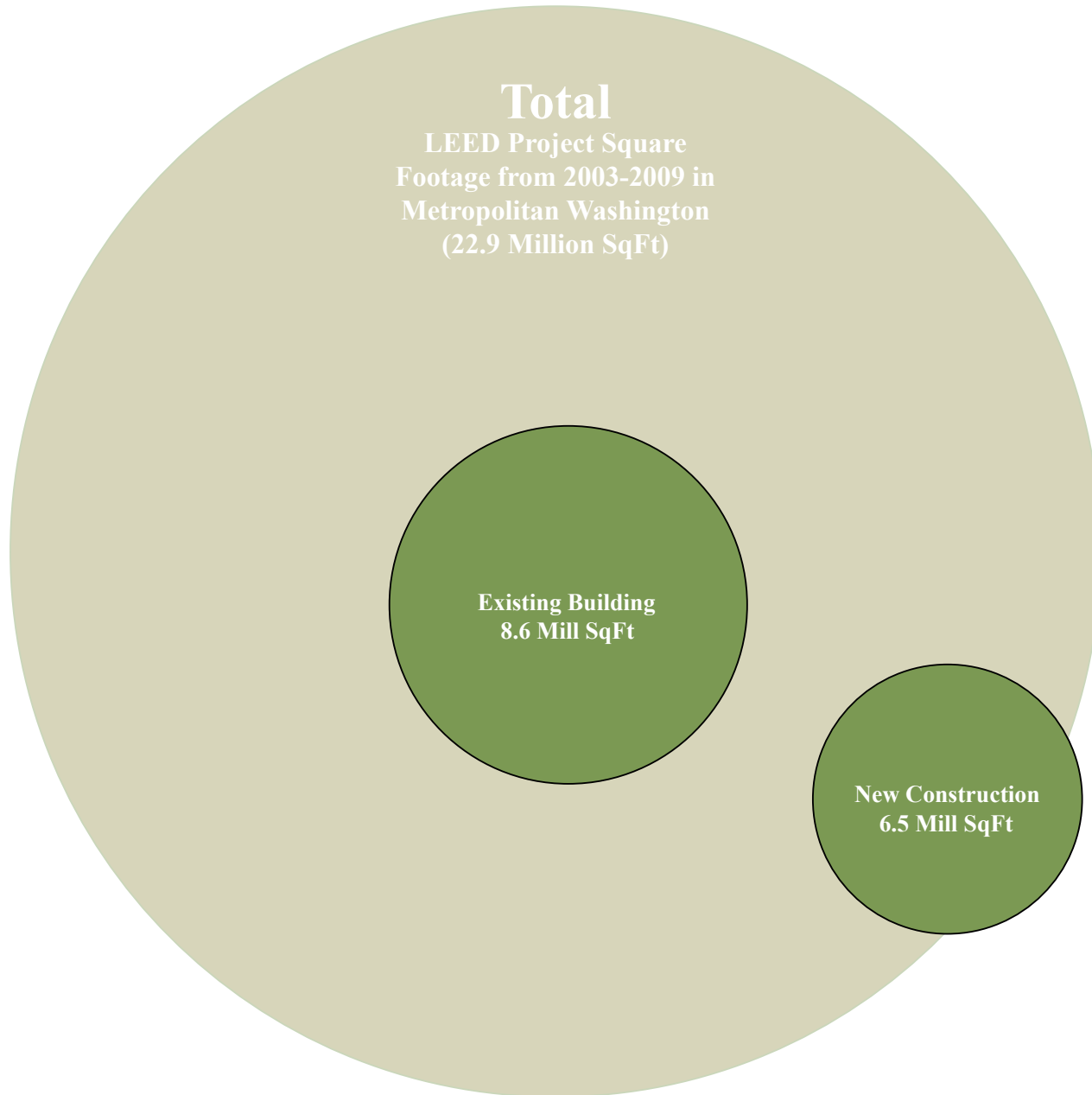


Total

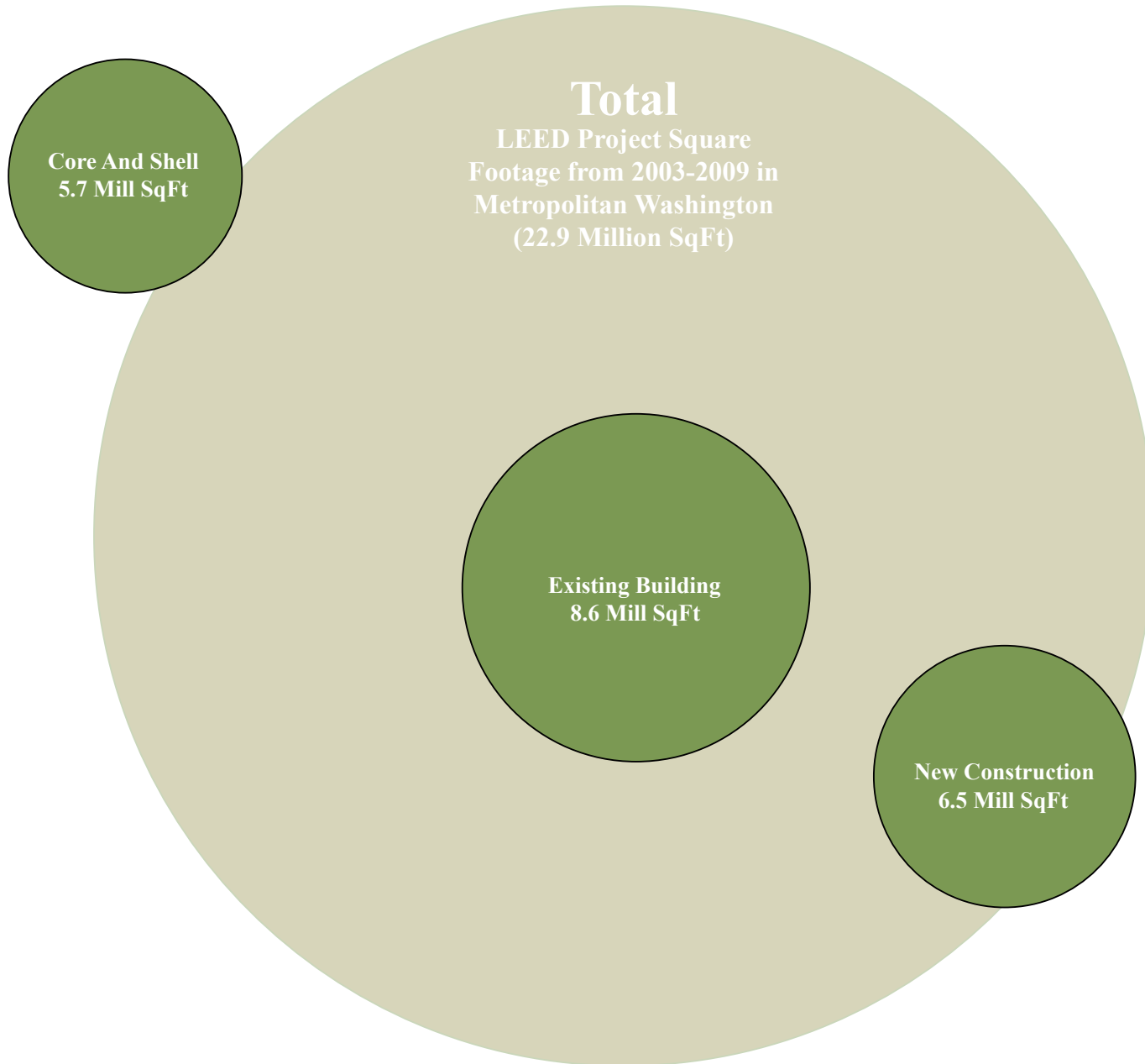
LEED Project Square
Footage from 2003-2009 in
Metropolitan Washington
(22.9 Million SqFt)

Existing Building
8.6 Mill SqFt

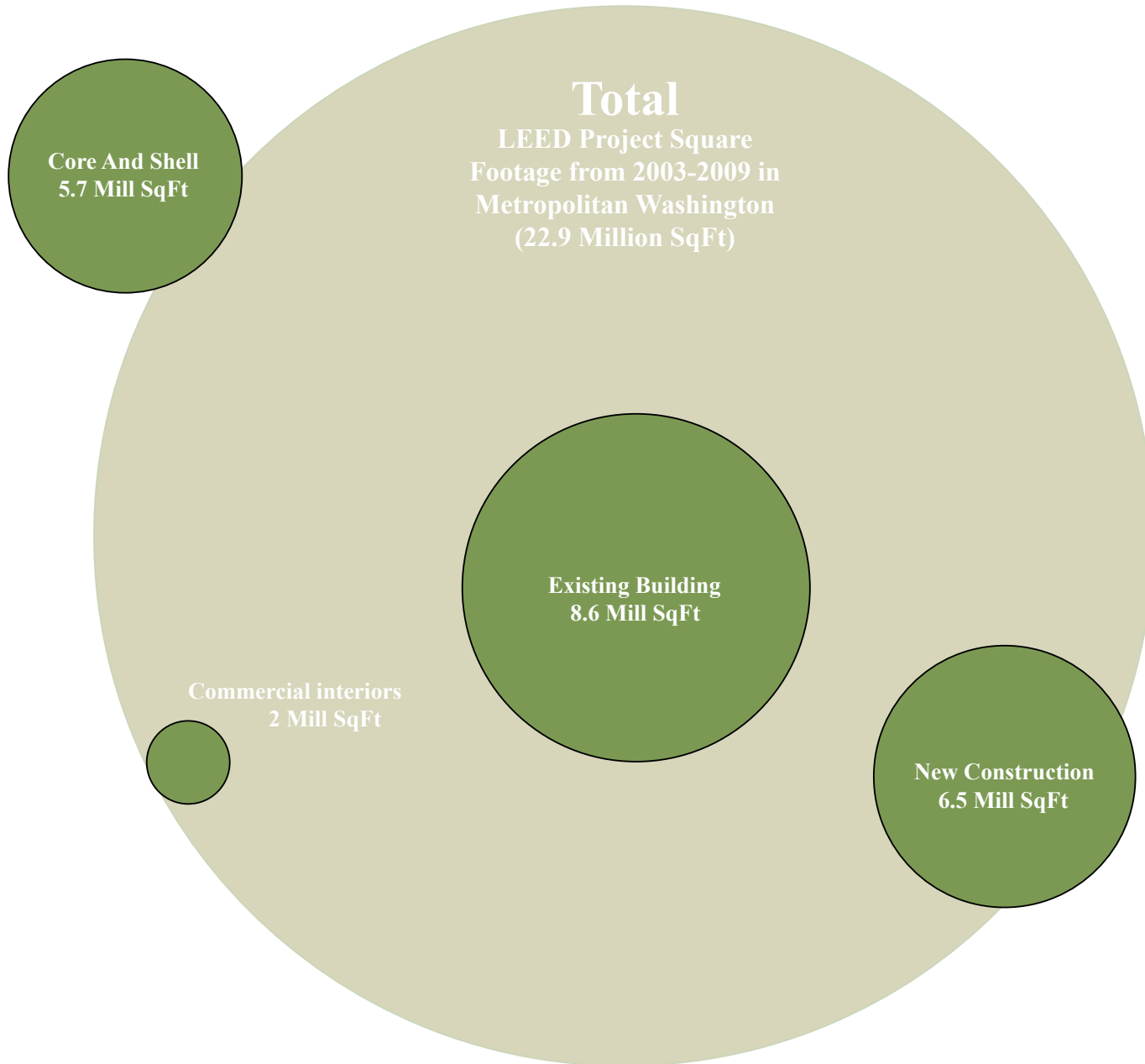
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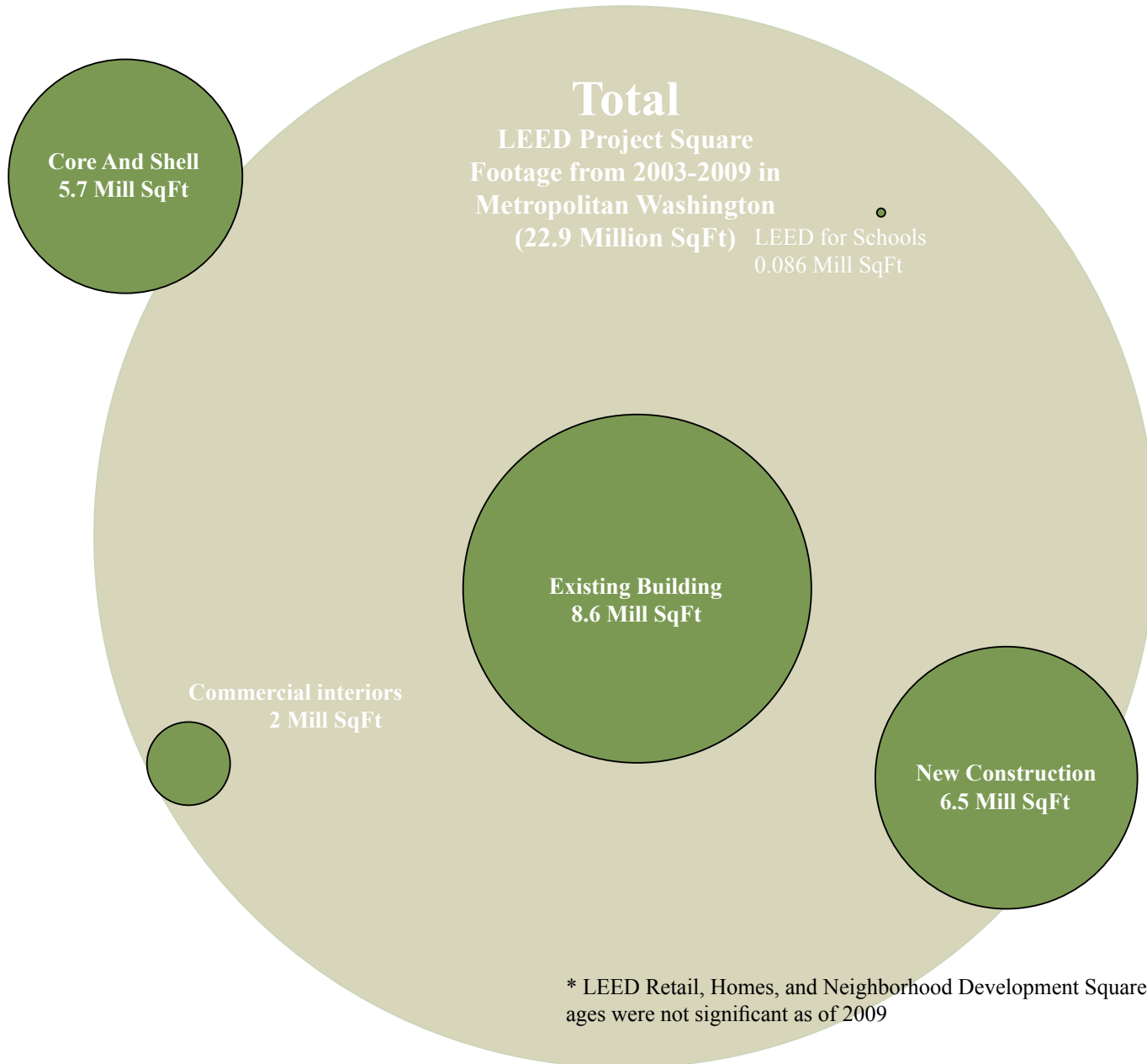
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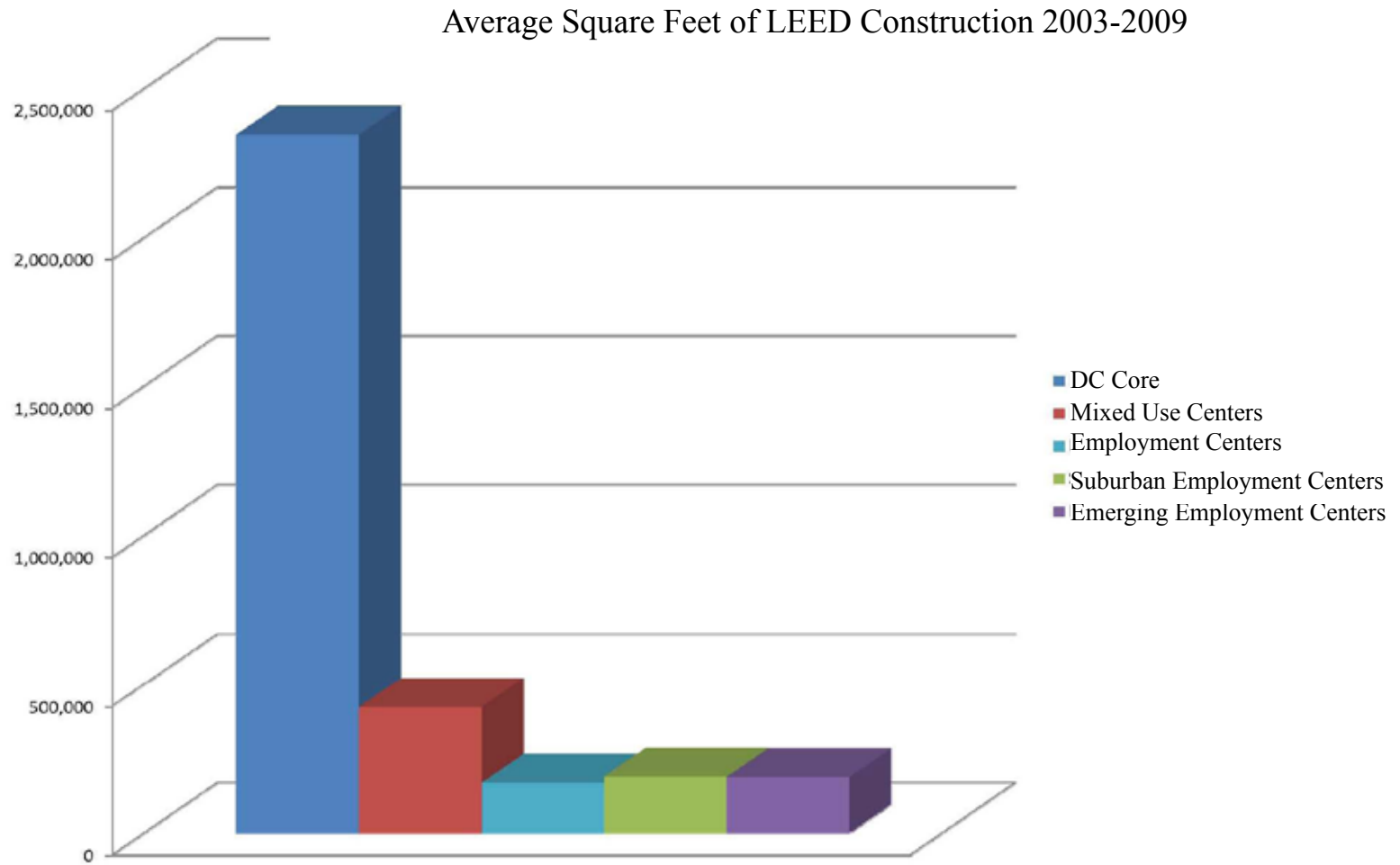
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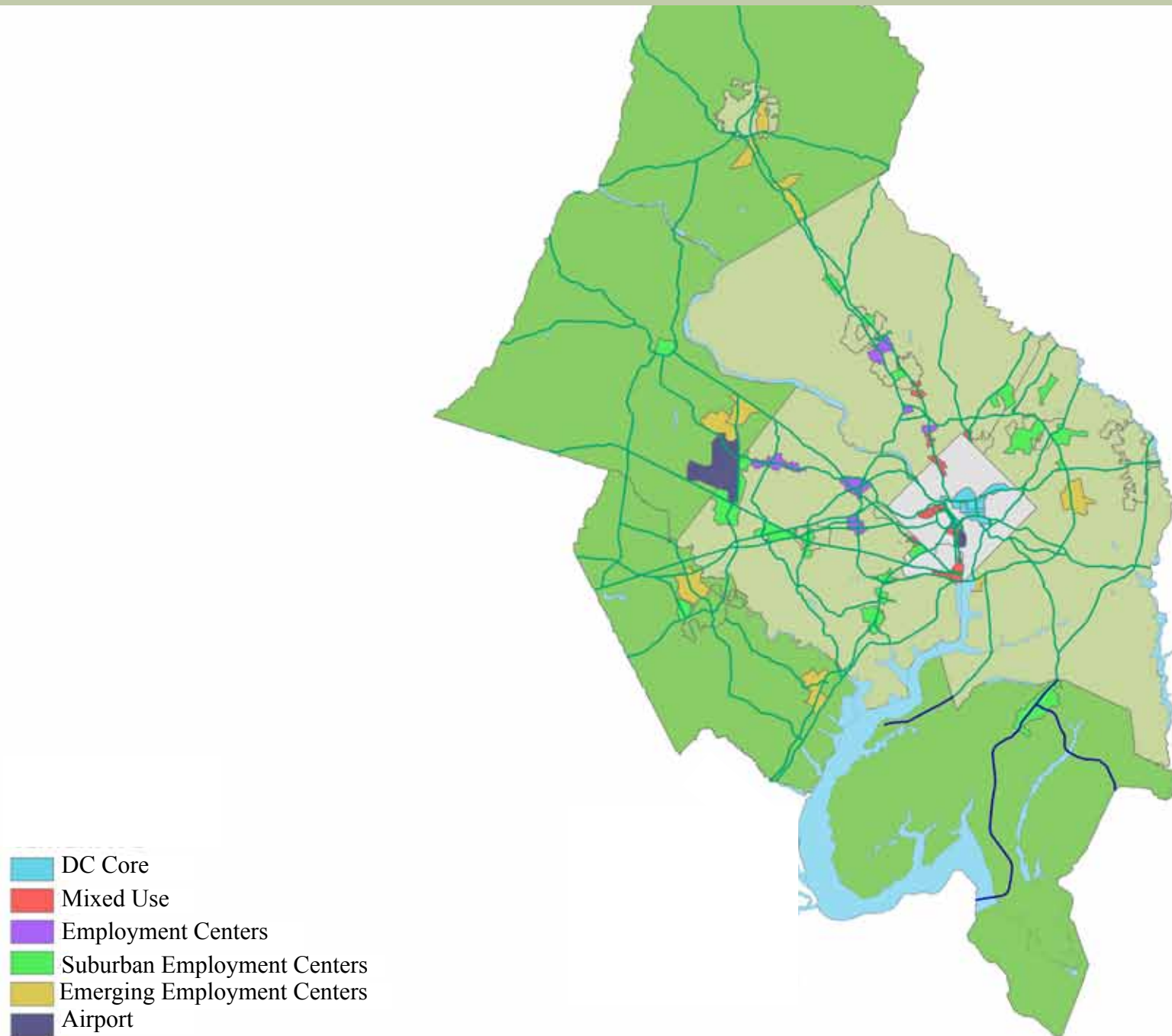
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LEED in Activity Centers

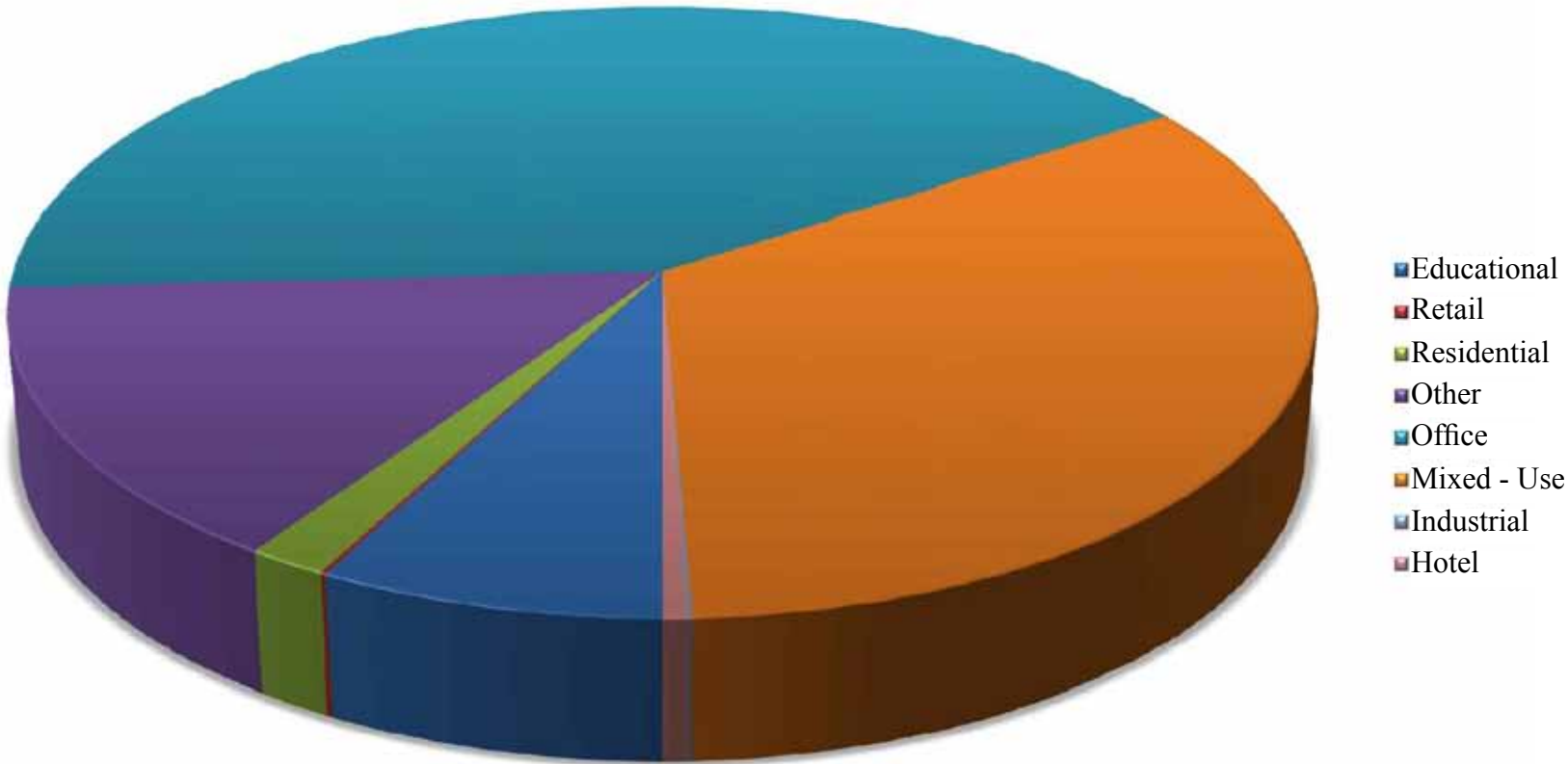


Activity Centers



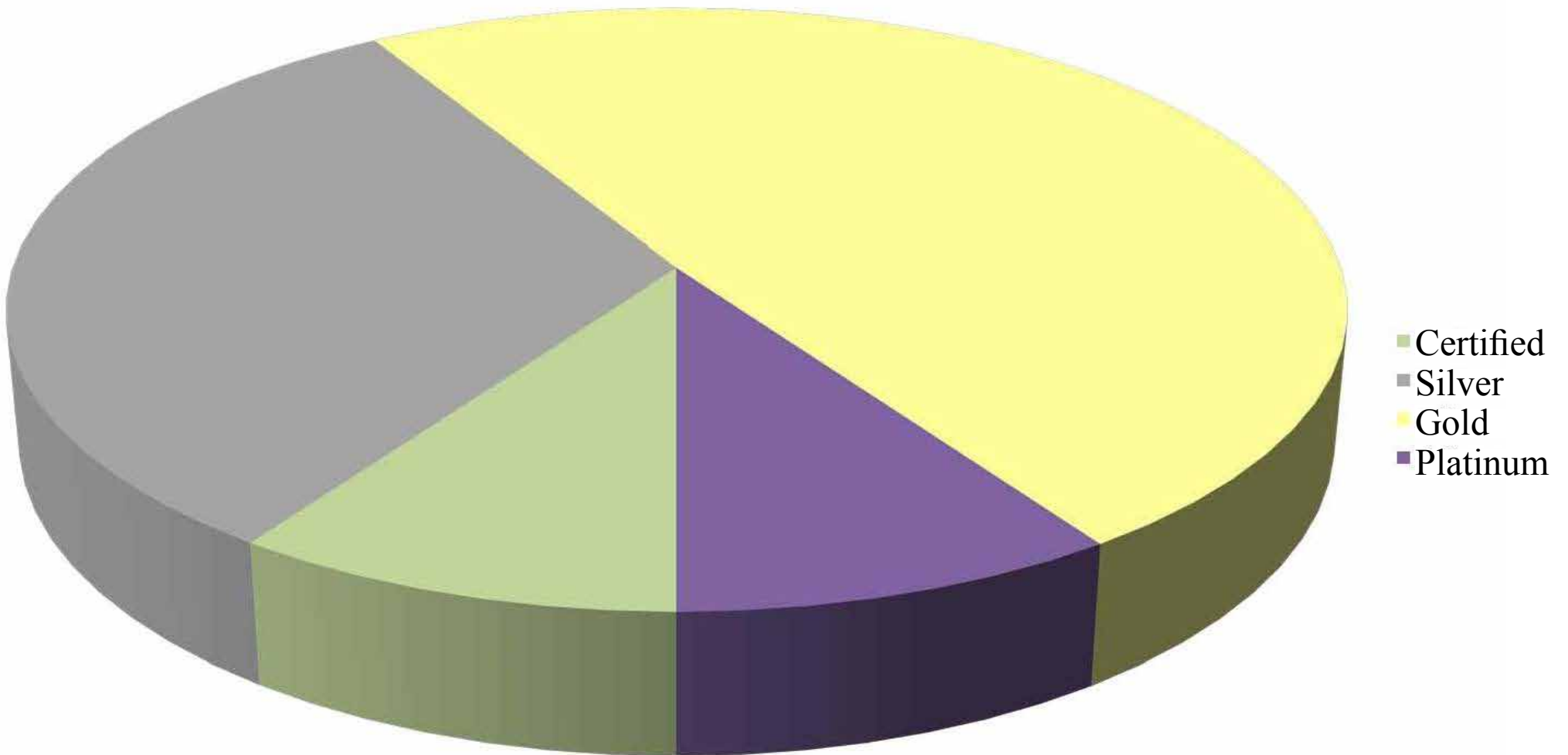
- DC Core
- Mixed Use
- Employment Centers
- Suburban Employment Centers
- Emerging Employment Centers
- Airport

Building Type



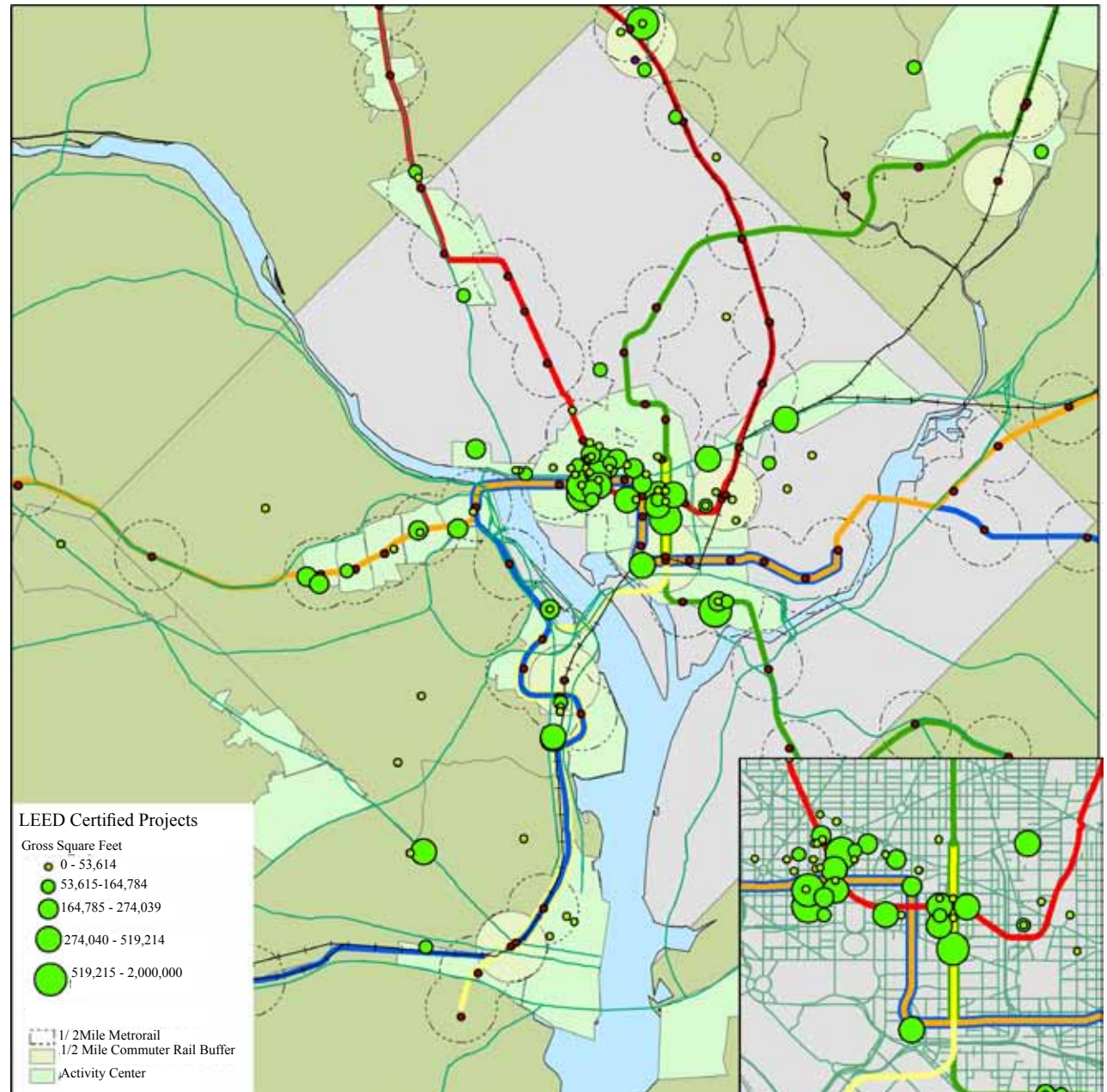
*Building Type by square feet

LEED Certification Level

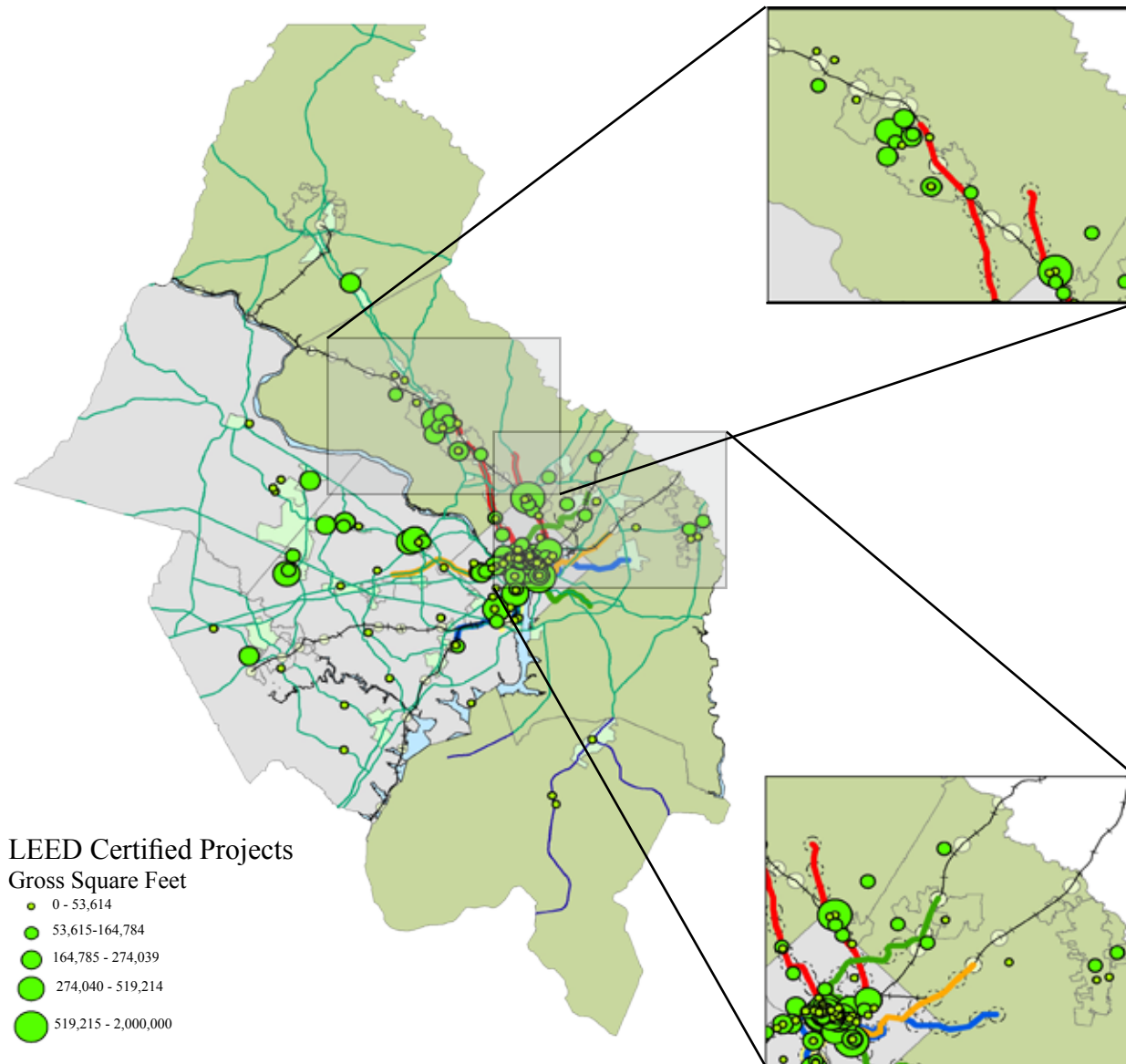


The District of Columbia

- 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



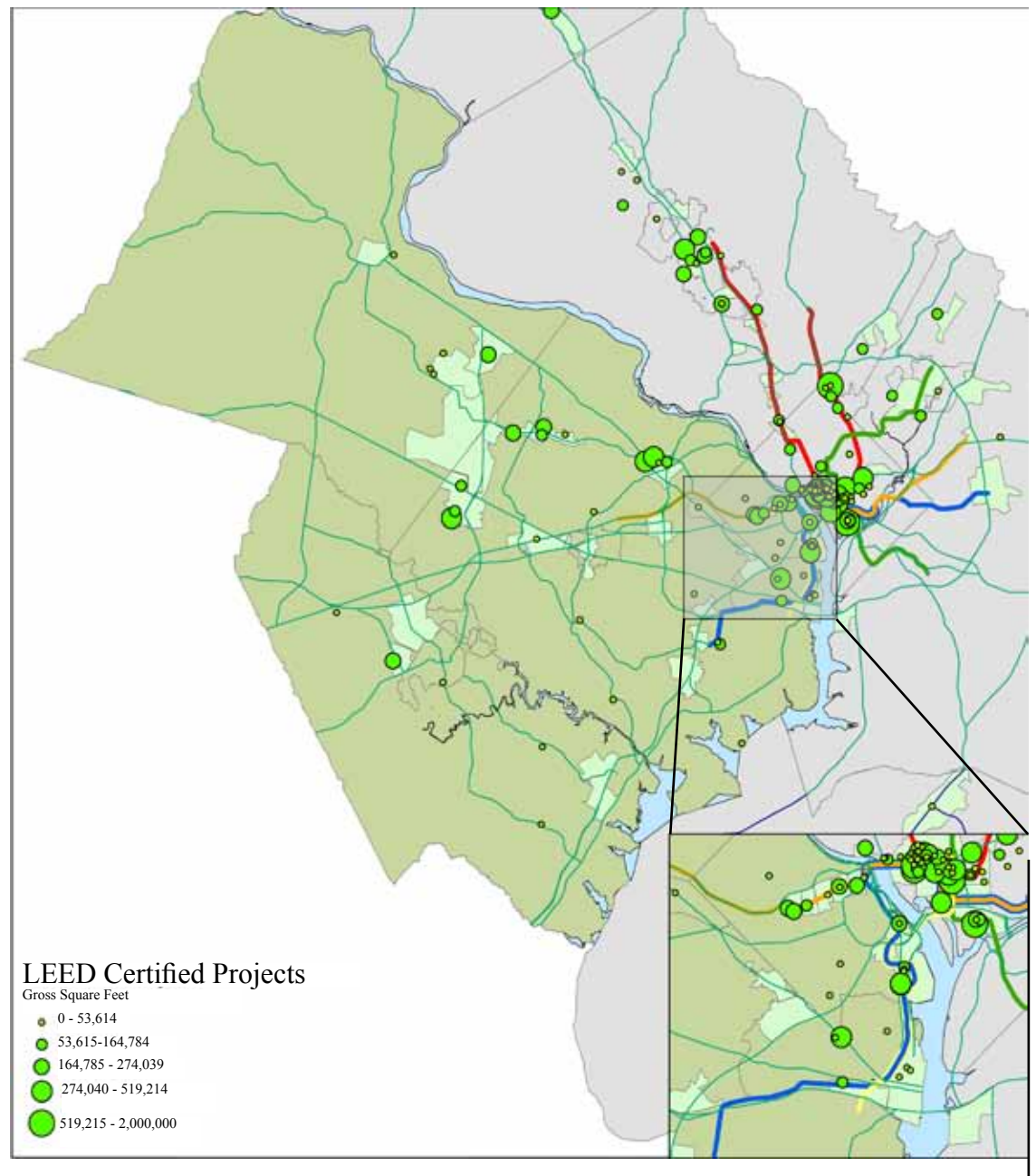
- Maryland jurisdictions had a total of 40 LEED projects from 2003-2009

- 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



Local Initiatives

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										
Preferred Certification Program	✓	✓	✓	✓	✓		✓			
Green Building Threshold	✓	✓	✓	✓	✓		✓			
Mandatory Green Building	✓	✓	✓							
Operations Threshold	✓	✓								
Adopted Policy Support	✓	✓	✓	✓	✓	✓	✓	✓		
Disclosure and Labeling	✓									
Green Building Policy for Schools				✓						
Private Facilities										
Preferred Certification Standard	✓	✓	✓	✓	✓					
Mandatory Green Building	✓	✓								
Commercial Green Building Threshold	✓	✓	✓	✓	✓	✓				
Residential Green Building Threshold										
Multi-family Green Building Threshold	✓									
Adopted Policy Support	✓	✓	✓	✓	✓	✓	✓	✓		
Green Building Codes	✓									
Disclosure and Labeling	✓									
Operations Standard	✓	✓	✓	✓						
Outreach and Education	✓				✓					

Questions?

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