

WELCOME !!



A COLLABORATIVE NETWORK
sustainablejc.org

A Proud Past. On A New Journey.



JACKSON HILL
MAIN STREET

WHERE MONTICELLO & MLK DRIVE MEET | JERSEY CITY, NJ

Thanks for Having Us !



WHO
AM I?

John Decina, LEED AP
Green Path Corp



Jersey City Born & Raised ...



Training & Continuing Education



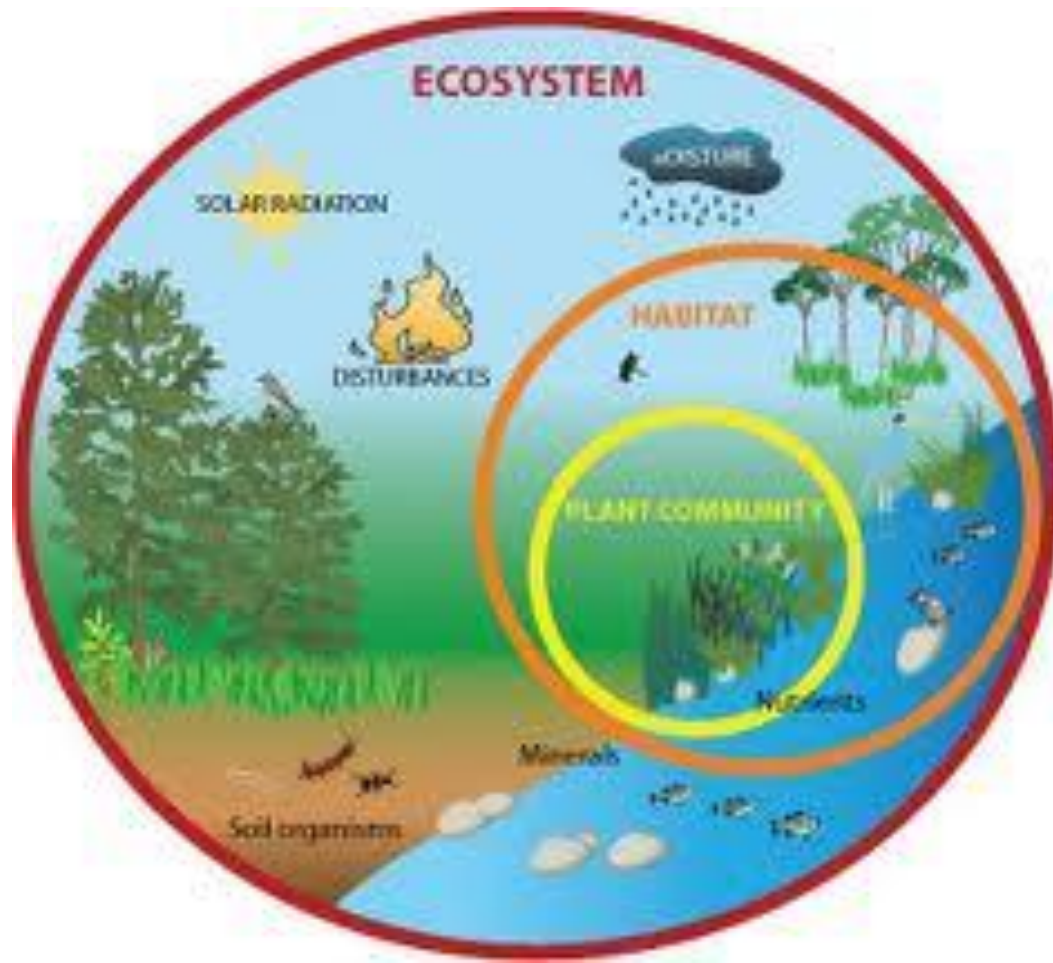
“WHY BUILD GREEN” ??



A better quality of life for the whole community



Healthy ecosystems.....



Effective governance supported by meaningful and broad-based citizen participation



Economic security



Why Build Green ?

IMPACTS OF U.S. BUILDINGS ON RESOURCES

40% primary energy use*

72% electricity consumption*

39% CO₂ emissions*

13.6% potable water consumption**

Sources:

*Environmental Information Administration (2008). EIA Annual Energy Outlook.

** U.S. Geological Survey (2000). 2000 data.

Green Building Rating Systems: Organizations & Credentials



Code:



SAFE & SUSTAINABLE BY THE BOOK

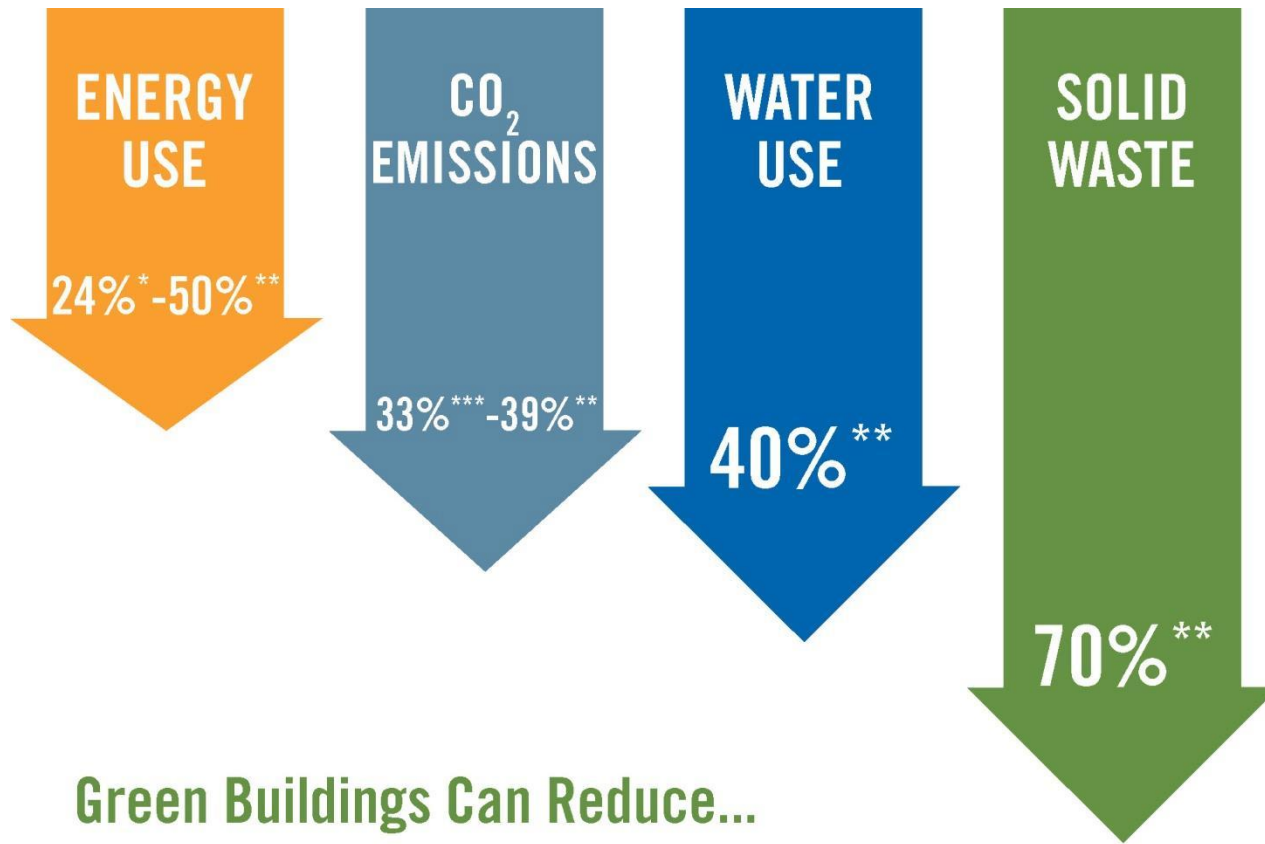


THE AMERICAN
INSTITUTE
OF ARCHITECTS



ASHRAE 189





Green Buildings Can Reduce...

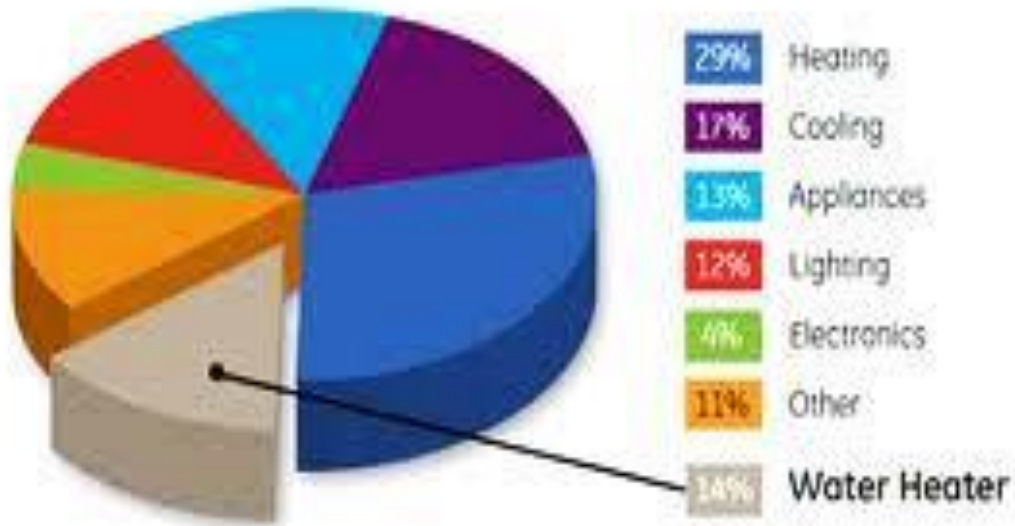
* Turner, C. & Frankel, M. (2008). Energy performance of LEED for New Construction buildings: Final report.

** Kats, G. (2003). The Costs and Financial Benefits of Green Building: A Report to California's Sustainable Building Task Force.

*** GSA Public Buildings Service (2008). Assessing green building performance: A post occupancy evaluation of 12 GSA buildings.

Energy Efficiency

HOUSEHOLD ENERGY USE



Source: www.energy.gov



Stormwater

From here...



To there...



Water Efficiency



Clean Water. Healthy Life.

Indoor Environmental Quality



**INDOOR
ENVIRONMENTAL
QUALITY**

- ✓ **Temperature**
- ✓ **Humidity**
- ✓ **Lighting**
- ✓ **Acoustics**
- ✓ **Air quality**

Active Design vs Obesity



Reduce Waste



The Cost of Building Green:

On average, it costs 2% MORE to build green!

BUT.....

Your invest is re-paid **10 x's** over the life of the building!

Buildings Consume:

- 12%** of potable water
- 39%** of primary energy
- 40%** of raw materials
- 48%** of U.S. carbon emissions
- 70%** of U.S. electricity

Green Buildings Save:

- 30-50%** of energy
- 35%** of carbon emissions
- 40%** of water
- 70%** of solid waste

Average Payback: **12-24 months**

Average Payback Over the Lifetime of the Building: **20%**

Average Cost Premium for Building Green: **1-2%**

Green Building Credits





Building Sustainable Communities



TOD

Transit Oriented Development



Transit Facility



Smart Location



Walkable Streets



Compact Development



Connected & Open Community



Diversified Housing



Mixed Use Centers



Diverse Community



Urban Infill



Access To Schools



Where Is Your Smart Location ??



Montgomery Gardens



To This.....



Park Place Hoboken



Hudson County Cc Library



Community Education & Training



GREEN JOBS



Training

- Knowledge
- professional development
- teaching of vocational
- practical skills provided
- On-the-job training
 - Off-the-job training

Section 3 Program





*Housing and community development assistance. **Section 3 applies to training, employment, contracting and other economic opportunities arising in connection with the expenditure of housing assistance** (including section 8 assistance, and including other housing assistance not administered by the Assistant Secretary of Housing) **and community development assistance that is used for the following projects;***

- (i) Housing rehabilitation (including reduction and abatement of lead-based paint hazards, but excluding routine maintenance, repair and replacement);
- (ii) Housing construction; and
- (iii) Other public construction.



*Housing and community development assistance means **any financial assistance provided or otherwise made available through a HUD housing or community development program through any grant, loan, loan guarantee, cooperative agreement, or contract, and includes community development funds in the form of community development block grants, and loans guaranteed*** under section 108 of the Housing and Community Development Act of 1974, as amended. Housing and community development assistance does not include financial assistance provided through a contract of insurance or guaranty.



The purpose of section 3 of the Housing and Urban Development Act of 1968 (12 U.S.C. 1701u) (section 3) ***is to ensure that employment and other economic opportunities generated by certain HUD financial assistance shall, to the greatest extent feasible, and consistent with existing Federal, State and local laws and regulations, be directed to low- and very low-income persons, particularly those who are recipients of government assistance for housing, and to business concerns which provide economic opportunities to low- and very low-income persons.***

Speak Your Green Voice

