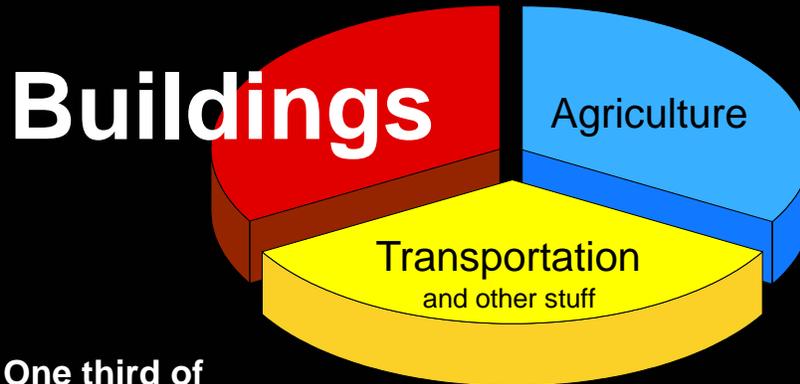




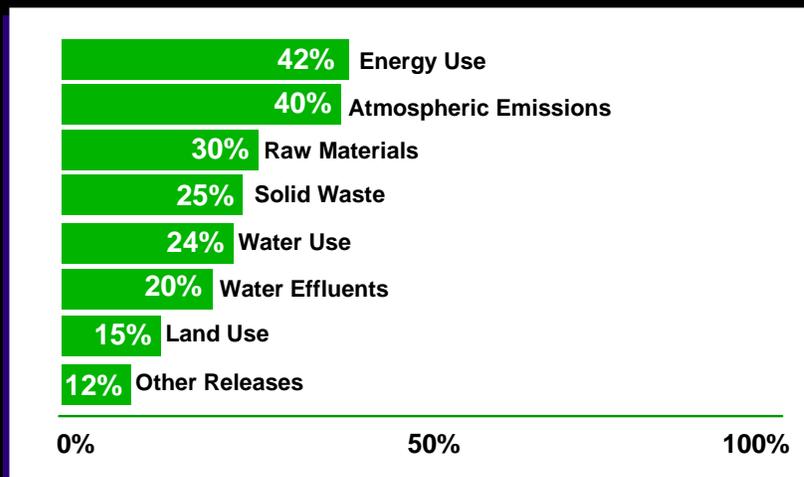
Stewardship



One third of our environmental impacts

Buildings

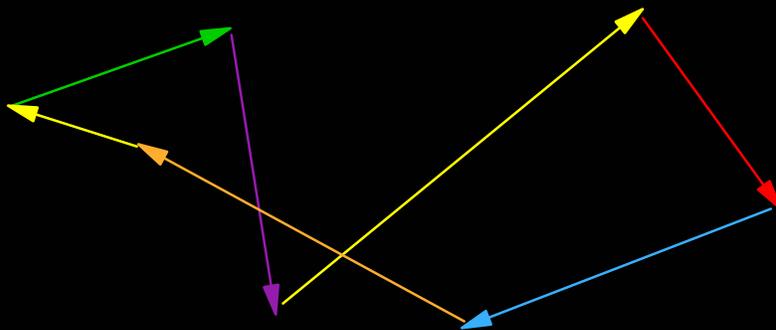
Percentage of annual U.S. environmental impacts



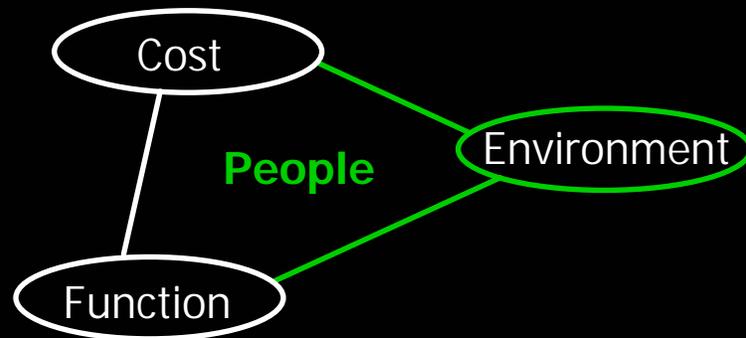
How? ?

?

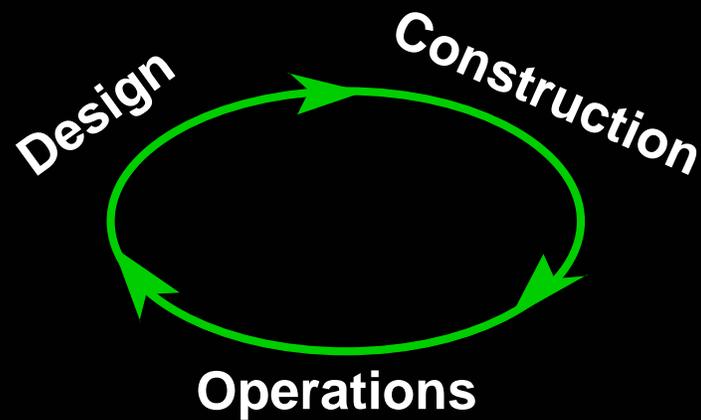
**See the
Connections**



Balance



Life-Cycle Focus



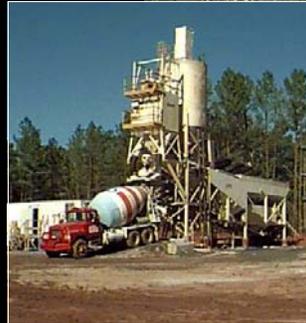
Big Picture

Right size, right location
Built to last
Energy and water efficient
Material efficient
Reuses/recycles waste
Healthy and enjoyable
Affordable

Environmental Advocates



Win-Win View



On-site concrete



Reduced clearing

Tools

Energy
Models

Whole Building
Assessments

Life Cycle
Thinking

Green

Value Engineering

What?

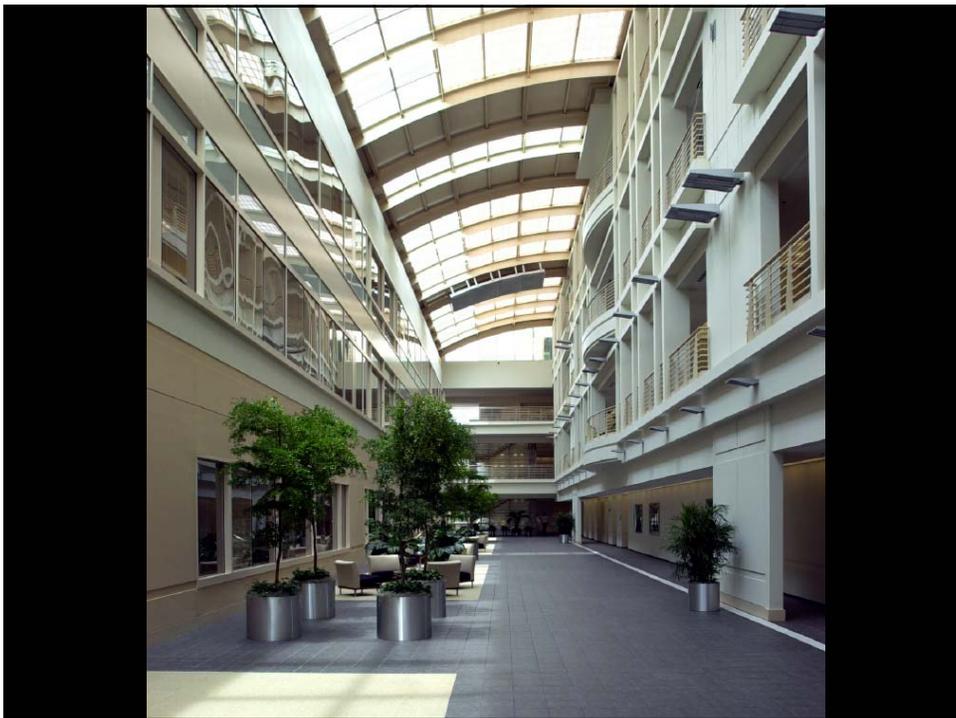
What have we done?

Very green

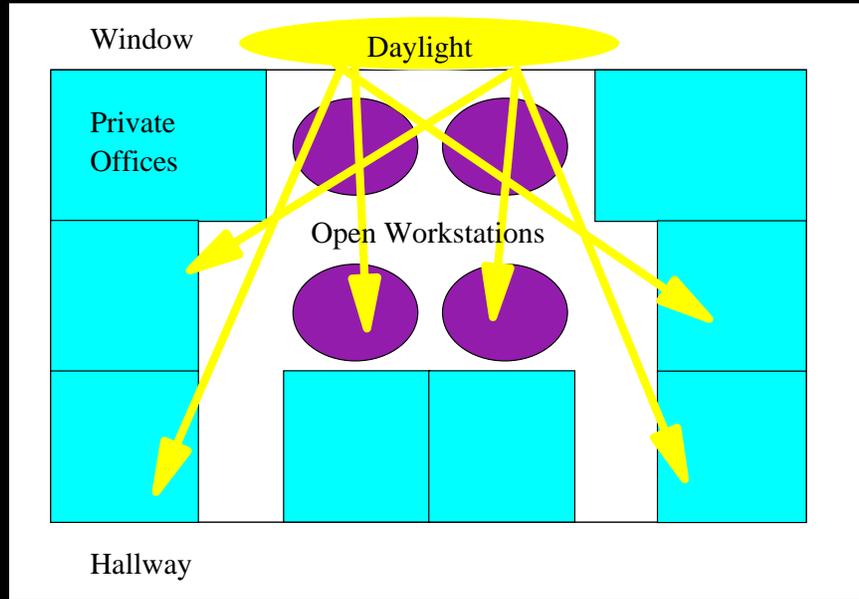
No extra money

(OK, a little extra money)

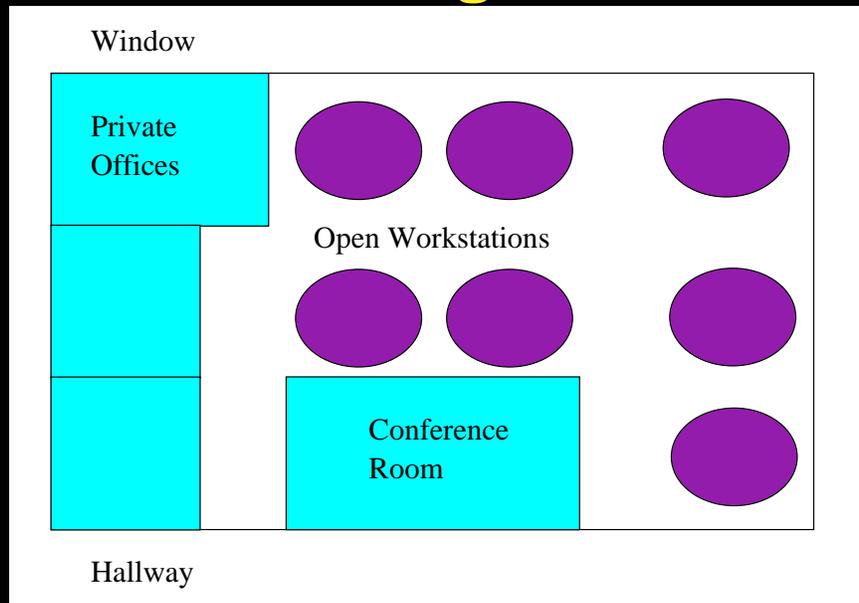




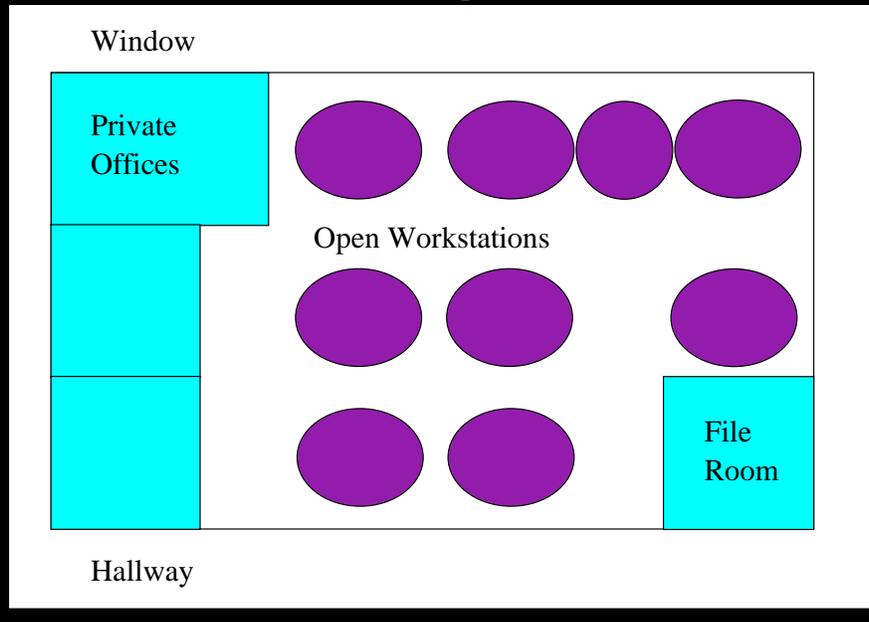
Office Building Blocks



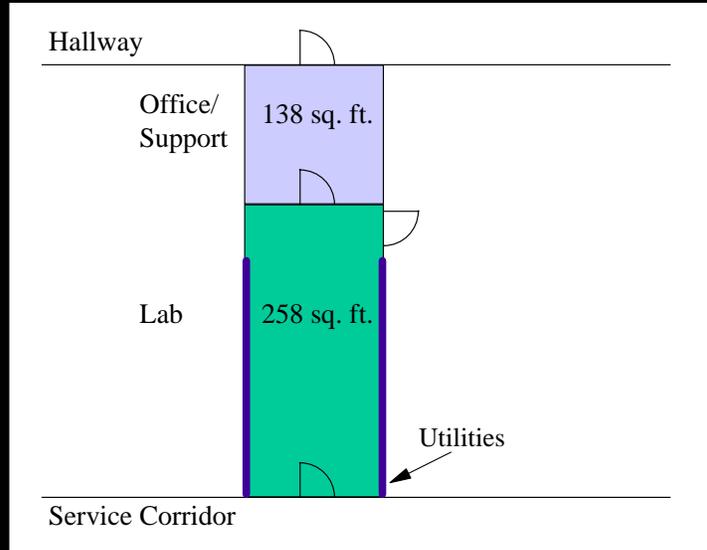
Office Building Blocks



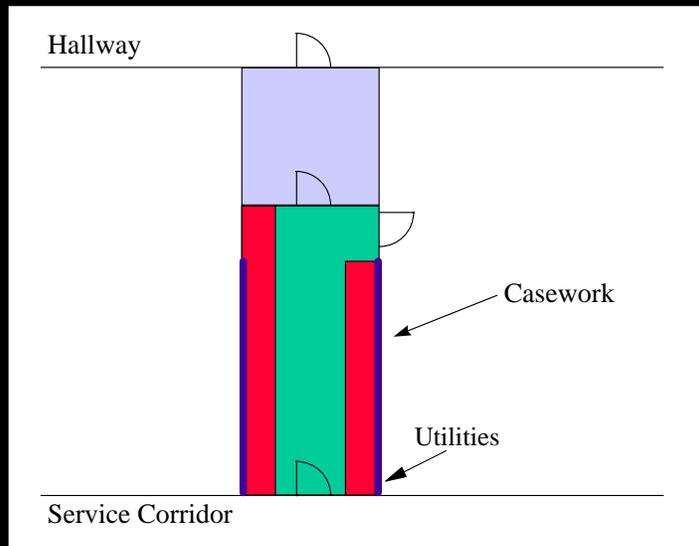
Office Building Blocks



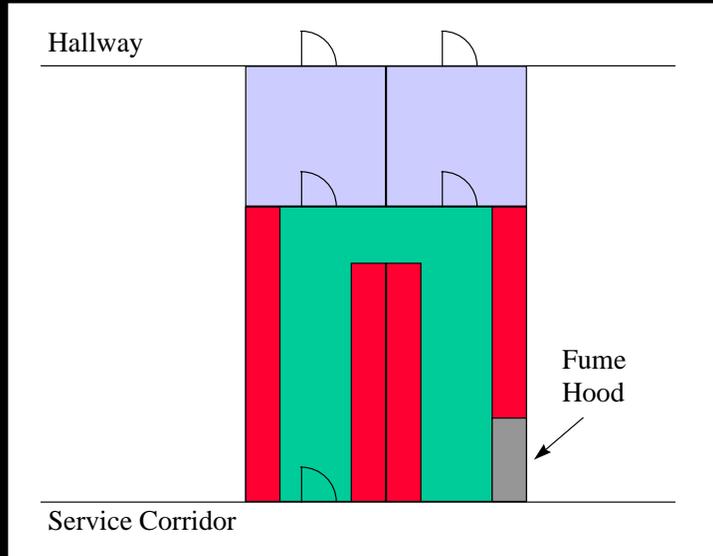
Lab Building Blocks



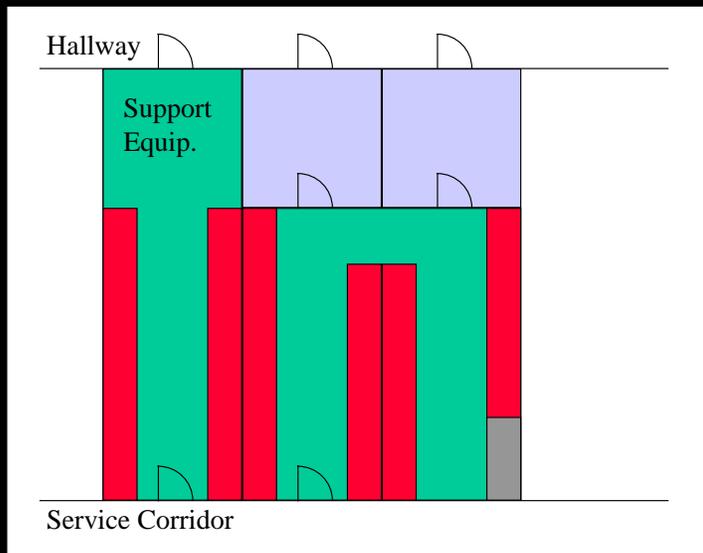
Lab Building Blocks



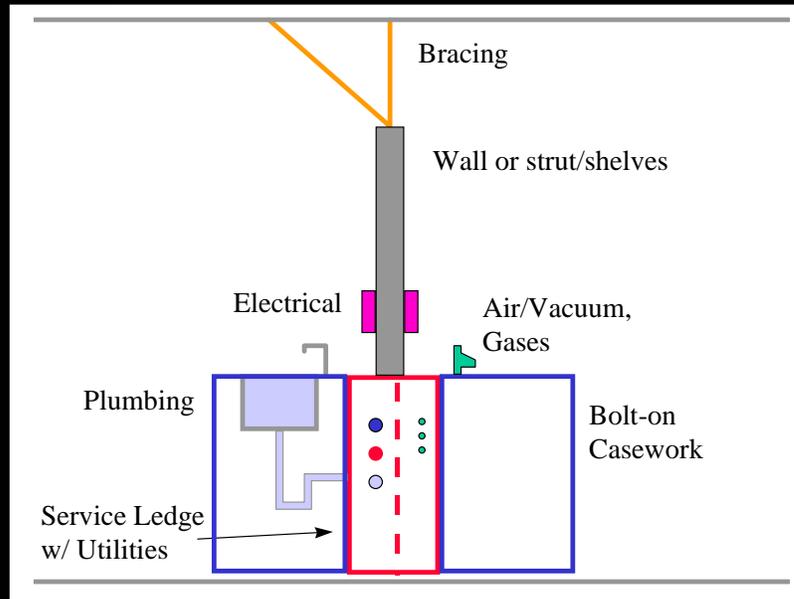
Lab Building Blocks



Lab Building Blocks

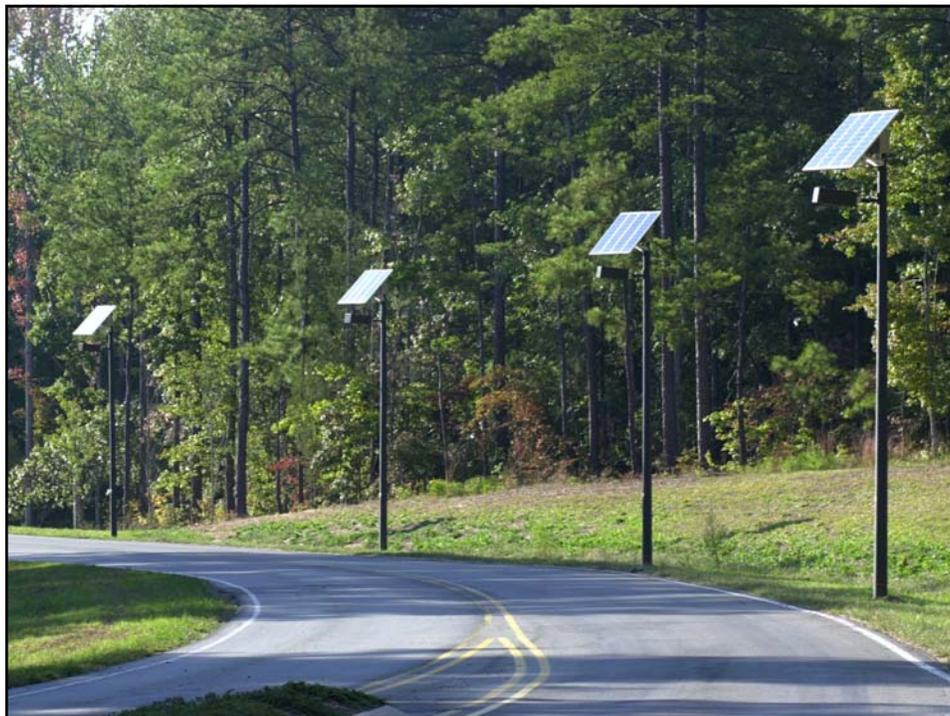


Modular Lab Services



Site

- Minimized clearing
- Narrowed roads
- Parking decks
- Cut out curb/gutter
- Biofiltration
- More wetlands
- Wildflowers
- Native plants
- Plant rescue



Utility Plant

- High-efficiency equipment
- Variable speed drives
- Digital controls
- Water saving cooling towers
- No CFCs
- Shared chillers/boilers/tanks
- Reduced footprint
- Re-used wall panels



Energy & Water

- 40% more efficient than typical lab
- Green lights with daylighting
- High performance glass and roof
- Building automation system
- VAV and economizers
- Commissioning
- Solar roof
- Water-conserving fixtures







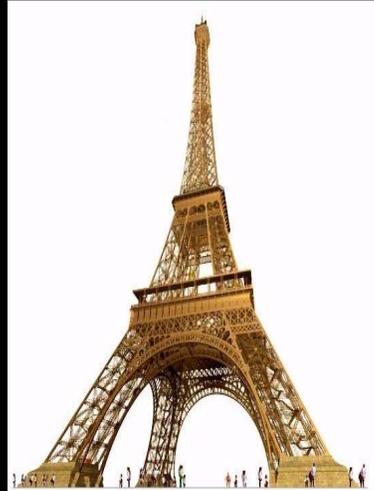
Indoor Environment

Daylight
Fresh air
Acoustics
Sanitation
Privacy
Interactivity
Aesthetics



Building Materials

Recycled content throughout
Sustainable wood
Restricted chemical contents
IAQ testing of major materials
Recyclable carpet
Flexible space
Longevity



Enough recycled steel
to build an Eiffel Tower
plus 1,000 cars

Waste Recycling

80%



Furnishings

IAQ testing

Corporate
responsibility

Factory visits

Recycling of
packing material



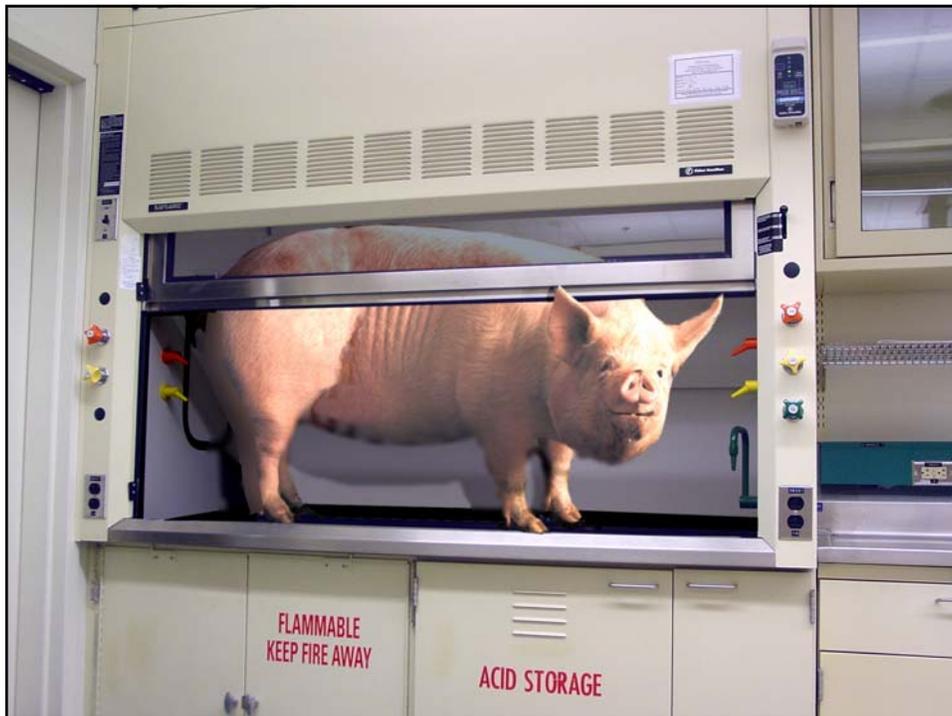
What Now?

Operations

The collage features five distinct images related to environmental operations and education:

- Top Left:** A woman in a grey blazer is smiling while holding a stack of yellow papers over a blue recycling bin in an office setting.
- Top Center:** A man in a white shirt and pants stands next to a bright yellow car with 'EPA CARCITY' branding on the side.
- Top Right:** A white school bus with '1018 RALEIGH' and the number '2001' on its front.
- Bottom Center:** A recycling station with three bins labeled 'TRASH ONLY', 'PLASTIC BOTTLES', and 'GLASS'. A sign on the left reads 'Recycling'.
- Bottom Right:** A logo for 'first environments early learning center' featuring a stylized figure with arms raised, surrounded by colorful hearts.

Education



Keep It Up

EMS

Green Power

Energy Studies

Recommissioning

Energy/Water
Pilots



www.epa.gov/rtp

EPA's New Campus at
Research Triangle Park,
NC