Sustainability: From Conception to Actualization

and all the steps along the way
Sustainability: Perception vs. Implementation
Commerce's Earth Saving Tips

- Giving Commerce Bank Visa® Gift Cards for the Holidays will cut down on the amount of paper used for wrapping packages.
- Signing up for Online Banking and E-Statements at Commerce saves paper and reduces the environmental impact on trees.

Here is what we've done at our new Green Branch (you can do them too!)

- Recycle paper and plastic products
- We're using water filters to purify tap water. Bottled water generates a large amount of container waste.
- We're recycling bottles, cans and other materials

Here are more Earth Saving Tips

- Bring your own cloth/recycled bags when you shop – a single plastic bag takes up to 1,000 years to fully break down
- Use soy candles – they burn cleaner and are completely biodegradable
- Look for gifts that are earth-friendly such as clothes made from organic cotton
- Keep electronics out of the trash! E-waste contains mercury and other toxins and is a growing environmental problem.
- Install a programmable thermostat to save energy at night and while you're gone during the day
- Borrow books from the library or buy them at local garage sales to save on the paper required to print new books
- Install a low-flow showerhead to save water & energy
- Wash clothes in cold water. As much as 85 percent of the energy used to machine wash clothes goes to heating the water.
- Learn to make your own non-toxic cleaning products to save on packaging waste and improve your indoor air quality.

The new O’Fallon branch is our first “green” banking center in Missouri, and is registered to be LEED certified by the U.S. Green Building Council.
Sustainability: Sensibility
Environmental Protection & Resource Conservation

Social Well-Being & Equity

Economic Prosperity & Continuity
Sustainability: Campus [macro]
By creating a natural wildlife conservation area along the western edge of the site, running north to south, we are able to reap a multitude of benefits. Psychological, spiritual and physical rejuvenation and healing will be enhanced by providing places within the “forest” for contemplation, meditation and thoughtful observation. Educational opportunities include the establishment of an “outdoor” eco-classroom where families, communities and schools might enjoy eco-education, bird-watching, exercising and nature tours. Food production could also be implemented by planting a fruit tree orchard and an organic garden (perennial vegetables, berries and nuts). Fresh, organic food from these sources would be a healthy addition to the campus cafes.
Keys to [macro] Success:

• Think ecologically
• Think long term
• Set Goals
• Establish Phasing Plan
• Document Milestones
• Communicate
Sustainability: Building [middle]
Keys to [middle] Success:

• Form Follows Function
• Set Goals
• Balance Value vs. Cost
• Establish Action Plan
• Document Progress
• Communicate
Sustainability: being Real with LEED [macro]

• LEED Today
• Green Building – Different Scenarios
• LEED/Green Building in the Future
LEED Today:

• Framework to set goals and guide
• Holds Team/Owner Accountable
• Pushes Green Building Threshold
• Way to Measure and Compare
• Third Party Certification
Green Building – Different Scenarios:

• LEED Incorporated at beginning of project

• LEED Incorporated during CD’s or construction

• Green Building Design, no LEED Documentation (best practices)

• LEED is required by local standard
LEED/Green Building in the Future: Here to stay
Sustainability: the ARCTURIS experience [micro]
Green Team: the CHAMPIONS

- Community Involvement
- Research + Education
  - LEED Specialist
- Measurables + Data
  - Office Policy
- Web + Brand
- Design + Quality
- Project Integration
2006

- 5 LEED APs
- 0 LEED Projects
- Recycled Office Paper Only
- 0 Educational Sessions per yr
- Out-dated Office Space
- Green not included in firm values

2010

- 17 LEED APs
- 7 LEED Certified Projects
- 4 LEED Registered Projects
- Recycle paper, cardboard, glass, plastic, metal
- 12 Educational Sessions per yr
- LEED-CI Silver Office Rehab
- Mission Statement updated
- Reduced carbon footprint by 15%
Keys to [micro] Success:

• Think Big, Think Conceptually
• Document Baseline
• Set Goals
• Establish Action Plan
• Document Progress
• Communicate