

# LCA Resources

## General

- A simple overview of Life Cycle Assessments from Quantis, maker of the Quantis software suite for conducting LCA research - <a href="http://www.quantis-intl.com/life\_cycle\_assessment.php">http://www.quantis-intl.com/life\_cycle\_assessment.php</a>
- A summary of Life Cycle Assessments with links to "Life Cycle Assessment: Principles and Practice" for an in depth look at LCA http://www.epa.gov/nrmrl/std/lca/lca.html
- Learn about the latest LCA advancements, events, and certifications from The American Center for Life Cycle Assessment <a href="http://www.lcacenter.org">http://www.lcacenter.org</a>
- A user-friendly LCA calculator tool available for purchase or as a free trial <a href="http://www.lcacalculator.com/what-it-does/">http://www.lcacalculator.com/what-it-does/</a>
- Explanations of Carnegie Mellon's Economic Input-Output Life Cycle Assessment including a free online tool <a href="http://www.eiolca.net">http://www.eiolca.net</a>

## Coffee Analysis: An In-Depth Look Into Your Morning Brew

- Check to see if your coffee provider is a Fair Trade partner http://www.fairtradeusa.org/products-partners
- Facts about organic coffee including information on certification http://www.ota.com/organic/organic\_and\_you/coffee\_collaboration/facts.html
- An example of a coffee company (Green Mountain Coffee Roasters) publishing results of their own LCA on their website - http://www.gmcr.com/Sustainability/SustainableProducts/Products/ProductImpact/LCA.aspx
- Fact sheet on the coffee market. Learn about the staggering statistics on coffee use in recent years <a href="http://www.scaa.org/PDF/resources/facts-and-figures.pdf">http://www.scaa.org/PDF/resources/facts-and-figures.pdf</a>
- Read the entire LCA comparing instant coffee to espresso and drip filterhttp://www.sciencedirect.com/science/article/pii/S0959652609001474

#### **Expanded Polystyrene and a 100% Compostable Alternative**

- A Fort Collins-based commercial and residential curbside compost pick-up service http://www.cleanaircompost.com
- Easy to use searchable directory of composting facilities throughout the United States http://findacomposter.com
- City of Fort Collins resources on composting food waste at home http://www.fcgov.com/recycling/composting.php
- Details on several options for recycling expanded polystyrene through EPS Industry Alliance Packaging http://www.epspackaging.org/index.php?option=com\_content&view=article&id=8&Itemid=4
- Learn more about Ecovative Design LLC's production process and current projects http://www.ecovativedesign.com
- Learn more about both standard and custom Mushroom Packaging products http://www.mushroompackaging.com
- Watch a 9 minute TED Talk video from Eben Bayer, co-founder of Ecovative Design LLC http://www.ted.com/talks/eben bayer are mushrooms the new plastic.html

#### **Disposable Tissues or Reusable Handkerchiefs?**

- Visit Seventh Generation's website to learn more about their environmentally friendly facial tissue products, along with many other household necessities http://www.seventhgeneration.com
- Explore Greenpeace's Recycled Tissue and Toilet Paper Guide (available as a free download) to learn which brands you should be looking for at your local supermarket http://www.greenpeace.org/usa/en/campaigns/forests/tissue-guide/
- A fun and creative handkerchief product that ensures a clean surface with every use http://hankybook.com
- Try these 100% recycled tissues in your home or office <a href="http://www.marcalsmallsteps.com/products/facial-tissues">http://www.marcalsmallsteps.com/products/facial-tissues</a>
- 14 simple tips for "going green" while washing your handkerchief (and all of your other laundry) http://www.cleaninginstitute.org/clean\_living/cm\_julyaug2011\_clean\_ideas\_going\_beyong\_green\_laundry.aspx

### **Computers: Use or Replace?**

- Provides details and locations for donation sites, take-back programs, and recycling centers http://www.fcgov.com/recycling/computers-recycle.php
- Read about the statistic on the management of both used and end-of-life electronics http://www.epa.gov/osw/conserve/materials/ecycling/manage.htm
- Learn about energy consumption of computers and how to reduce usage with power management strategies http://204.13.11.223/research/computer\_energy\_consumption.pdf
- Review the usage of different computer types and models for comparison http://www.upenn.edu/computing/provider/docs/hardware/powerusage.html
- Fact sheet providing information on when to turn off computers and monitors http://www.fcgov.com/recycling/pdf/computers-monitors.pdf