



DRAFT Sustainable Initiatives Index of Weblinks

ACI Sustainability Working Group

March 14, 2006

QUESTIONS OR COMMENTS? PLEASE CONTACT:



JAMES CRITES
Dallas/Fort Worth International Airport
jcrites@dfwairport.com



EUGENE PETERS
Ricondo & Associates, Inc.
e_peters@ricondo.com

Sustainable Initiatives Index of Weblinks - DRAFT

ACI Sustainability Working Group

This document contains links to websites that provide information, examples, and guidance on sustainable initiatives, particularly as related to airports. The Weblinks Index is not intended to provide comprehensive documentation of web resources related to sustainable initiatives, but rather a summary of some of the resources that members of the ACI Sustainability Working Group have found useful.

Many of the sites documented herein provide detailed information on particular topics of sustainability (such as water efficiency or energy). Others provide examples and/or overall guidance on achieving sustainability and could be applicable to many, if not all of the specific sustainability topics. Thus, the Weblinks Index is organized into the following categories with the intent that specific links were placed in the most appropriate category, but could likely have applicability in other categories:

Airport Initiatives (U.S. and International)
Government
General Guidance
Guidance on Sustainability in Buildings
Stormwater Management and Water Efficiency
Ground Transportation Resources
Landscape and Exterior Design
Energy and Atmosphere
Indoor Environmental Quality
Facilities Operations
Materials and Resources
Construction Practices

AIRPORT INITIATIVES (U.S.)

Fort Lauderdale/Hollywood International Airport

Green Airport Initiative at Fort Lauderdale/Hollywood International Airport (FLL) – Announcement of public meetings to initiate process to help FLL improve environmental quality and efficiency and to become a community model for sustainable development.

http://www.broward.org/airport/community_environment.htm

MASSPORT

MASSPORT's Sustainability Plan to operate its facilities in an environmentally sound and responsible manner.

http://www.mass.gov/envir/Sustainable/initiatives/PDF/mpa_finalplan_10_29_04.pdf

MASSPORT – Logan International Airport

LEED Registered Project – Terminal B Addition at Logan International Airport.

http://www.usgbc.org/LEED/Project/project_detail_step_1.asp?PROJECT_ID=83

O'Hare International Airport

City of Chicago's O'Hare Modernization Program's Sustainable Design Manual

http://egov.cityofchicago.org/webportal/COCWebPortal/COC_EDITORIAL/December2003SustainableDesignManual.pdf

Port of Oakland

Port of Oakland Sustainability Program, 2003 – describes Airport Project receiving awards.

<http://www.portofoakland.com/pdf/sustaina.pdf>

Port of Oakland – Oakland International Airport

Oakland International Airport's Green Airport Initiatives site will house green airport initiatives (currently under development).

http://www.oaklandairport.com/green_airport.shtml

Fedex unveils California's largest corporate solar-power installation.

http://home.businesswire.com/portal/site/fedex-express/index.jsp?epi-content=GENERIC&newsId=20050809005040&ndmHsc=v2*A1072962000000*B1124289538000*C4102491599000*DgroupByDate*J2*N1001263&newsLang=en&beanID=891321701&viewID=news_view

Portland International Airport

Article describing groundbreaking food waste and food-contaminated paper recycling program at Portland International Airport.

http://www.sustain.pdx.edu/hm_feature_pdx_compost.php

Sacramento County Airport System

Sacramento County Airport System – Green Airport Initiative presentation summarizing air quality improvement programs.

<http://www.epa.gov/ttn/airinnovations/2005conference/Wed4/5-GregRowe.pdf>

Seattle Tacoma International Airport

Links to Seattle-Tacoma International Airport's sustainability initiatives.

<http://www.portseattle.org/search/query.html?st=21&charset=iso-8859-1&qt=green+and+sustainability+intitiatives>

Link to article describing the Seattle Terminal Radar Approach Control (TRACON) facility at Seattle-Tacoma International Airport, the first FAA project to be awarded gold LEED certification.

<http://www.djc.com/news/en/11159540.html>

Link describing Sea-Tac's expansion of recycling program.

<http://www.ecy.wa.gov/pubs/0107030.pdf>

AIRPORT INITIATIVES (INTERNATIONAL)

Athens International Airport

Brief description of Athens International Airport's environmental program.

http://www.hochtief-airport.com/airport_en/23.jhtml

Amsterdam International Airport

Examples of green roof designs, including the Amsterdam's International Airport, Schiphol.

http://www.greenroofs.com/chic_sustainability.htm

Auckland International Airport

Describing Auckland's commitment to the environment and sustainability.

http://www.auckland-airport.co.nz/Annual2005/downloads/enviro_sustainability_ar05.pdf

Bristol International Airport

Link to Sustainability Appraisal of the Bristol International Airport Mater Plan, October 2005.

http://www.bristolairport.co.uk/upload/sustainability_appraisal.pdf

Dusseldorf International Airport

A description of the environmental measures conducted by Dusseldorf International Airport.

http://www.hochtief-airport.com/airport_en/24.jhtml

Hamburg Airport

A description of the first airport to comply with European environmental standards.

http://www.hochtief-airport.com/airport_en/25.jhtml

Manchester Airport

Link to Manchester's sustainability efforts.

<http://www.manairport.co.uk/web.nsf/Content/SustainabilityEnvironment>

Sydney Airport

A description of Sydney Airport's environmental strategy.

http://www.hochtief-airport.com/airport_en/26.jhtml

Tirana International Airport

A description of the international environmental management system in line with ISO 14 000 is to be introduced at Tirana Airport.

http://www.hochtief-airport.com/airport_en/27.jhtml

Vancouver International Airport

Link to YVR sustainability initiatives and sustainability report.

http://www.yvr.ca/authority/airmail/archive_details.asp?id=161

Vienna International Airport

We Take Care! 2003/2004 Sustainability Report.

english.viennaairport.com/ir/download_tr.cfm?file=bericht21.pdf

GENERAL GUIDANCE

Information on Sustainable Design and Development – Department of the Army

Provides an index of documents, references, training materials, sustainable design and development success stories, and other sites that relate to the military.

<http://www.hqda.army.mil/acsimweb/fd/linksSDD.htm#document>

Smart Growth Network

A coalition of developers, planners, government officials, lending institutions, and others involved in the development process of US cities and states. They encourage development that serves the economy, community, and environment.

<http://www.smartgrowth.org>

U.S. Department of Defense – Defense Environmental Network & Information Exchange

Provides access to environmental legislative, compliance, restoration, cleanup, and Department of Defense guidance information. It is intended to serve as a central electronic “meeting place” where information can be exchanged among environmental professionals worldwide.

<http://www.denix.osd.mil/denix/denix.html/>

U.S. Department of Energy's Center of Excellence for Sustainable Development

Sustainable Building Technical Manual, case studies, monthly newsletter, and sustainable development toolkit.

<http://www.smartcommunities.ncat.org/>

GUIDANCE ON SUSTAINABILITY IN BUILDINGS

Advanced Building Technologies

A database of building-related, environmentally appropriate technologies. Extensive descriptive and contact information for products in several categories, including air quality, daylighting, non-toxic materials, waste management, electricity production, water conservation, energy efficiency, and recycled materials.

<http://www.advancedbuildings.org/>

ATHENA Environmental Impact Estimator

A modeling tool designed to make life-cycle analysis more accessible to building designers.

<http://www.athenasmi.ca/>

BuildingGreen.com

Provides accurate, unbiased, and timely information designed to help building-industry professionals and policy makers improve the environmental performance, and reduce the adverse impacts of buildings.

<http://www.buildinggreen.com>

Energy and Environmental Building Association (EEBA)

EEBA promotes the awareness, education and development of energy efficient, environmentally responsible buildings and communities. Diverse membership base includes architects, builders, developers, manufacturers, engineers, utilities, code officials, researchers, educators, and environmentalists.

<http://www.eeba.org/>

Environmental Design and Construction

Trade magazine with useful articles on all aspects of environmentally responsible design and construction.

<http://www.edcmag.com>

Green Building Design and Construction

Information from various California state agencies on green buildings including a recycled-content products database, technical documents on indoor air quality, and links to green specifications.

<http://www.ciwmb.ca.gov/greenbuilding/>

Green Building Resources from the Energy and Environmental Building Association

Links to builder programs around the country, including Austin Energy's Green Building Program and Built Green Colorado.

http://www.eeba.org/sites/green_programs.htm

Guiding Principles of Sustainable Design

Written for National Park facilities, a resource for designers of any buildings or landscapes.

<http://nps.gov/dsc/dsgncnstr/gpsd/>

King County Construction Recycling and Green Building Program

The King County, Washington Department of Natural Resources website provides free green building resources to the public.

http://dnr.metrokc.gov/swd/bizprog/sus_build/susbuild.htm

Minnesota Sustainable Design Guide

The Minnesota Sustainable Design Guide is a design tool that can be used to overlay environmental issues on the design, construction, and operation of both new and renovated facilities.

<http://www.sustainabledesignguide.umn.edu/>

Natural Resources Defense Council (NRDC)

The Cities and Green Living section of NRDC's site has information and resources for green building, including descriptions and photographs of the organization's environmentally-friendly offices in New York, Los Angeles, San Francisco and Washington, D.C.

<http://www.nrdc.org/cities/building/>

New Buildings Institute

Promotes energy efficiency through policy development, research, guidelines, and codes. Includes links to guidelines, reports, and tools for energy-efficient lighting, architecture, and mechanical systems.

<http://www.newbuildings.org/>

Oikos

A site devoted to serving professionals whose work promotes sustainable design and construction. Includes an extensive green products directory, recent news stories, a bookstore, green project articles, and marketing information.

<http://www.oikos.com/>

Sustainable Architecture, Building and Culture

Resources relating to green buildings.

<http://www.sustainableabc.com/>

Sustainable Buildings Industry Council (SBIC)

A nonprofit organization whose mission is to advance the design, affordability, energy performance, and environmental soundness of residential, institutional, and commercial buildings in the US.

<http://www.sbicouncil.org/>

Sustainable Sources

Sustainable building Sourcebook, events calendar, and email discussion groups.

<http://www.greenbuilder.com/>

Whole Building Design Guide

An effort by the U.S. government to consolidate design guidelines into one easily updateable reference. Web resources managed by the Sustainable Buildings Industry Council (SBIC) and the National Institute of Building Science (NIBS).

<http://www.wbdg.org/>

U.S. Green Building Council (USGBC)

Promotes understanding, development, and implementation of green building policies, technologies, and design practices. Extensive information about the LEED Green Building Rating System. Members gain access to product database case studies and directories.

<http://www.usgbc.org/>

STORMWATER MANAGEMENT and WATER EFFICIENCY

WaterWiser

The American Water Works Association's water efficiency clearinghouse website. Offers reliable information on water conservation strategies.

<http://www.awwa.org/waterwiser/>

GROUND TRANSPORTATION RESOURCES

Smart Communities Network – Sustainable Transportation

Demonstrates how sustainable cities meet their transportation problems.

<http://www.smartcommunities.ncat.org/transprt/trintro.shtml>

LANDSCAPE AND EXTERIOR DESIGN

Green Roofs for Healthy Cities

Working to promote the green roof industry throughout North America. Provides professional training courses, promotes green roof research, and helps to develop supportive public policies for a green roof infrastructure.

<http://www.greenroofs.org/>

International Dark-Sky Association (IDA)

The primary source for information on light pollution worldwide. Their goal is to stop the adverse environmental impact on dark skies by building awareness of light pollution while educating people about the value and effectiveness of quality nighttime lighting.

<http://www.darksky.org/>

GreenRoofs.com

A Provider of green roof systems.

<http://www.greenroofs.com/>

Lighting Research Center

Technical information relating to the design and specification of energy-efficient lighting.

<http://www.lrc.rpi.edu/>

A Source Book on Natural Landscaping for Public Officials

Explains the basic principals and benefits of natural landscaping and provides information to help local officials encourage the use of natural landscaping.

<http://epa.gov/greenacres/toolkit/index.html>

Sustainable Urban Landscape Information Series

Provides a sequence for designing a sustainable landscape to guide you through planning, plant selection, implementation, and maintenance.

<http://www.sustland.umn.edu/>

Wild Ones

Promotes environmentally sound, natural landscaping practices, including the use of native plants and ecological restoration of damaged landscapes.

<http://www.for-wild.org/>

ENERGY AND ATMOSPHERE

Database of State Incentives for Renewable Energy

A comprehensive source of information on state, local, utility, and selected federal incentives that promote renewable energy.

<http://www.dsireusa.org/>

EcoAdvisor

Graphical and animated tools that illustrate the workings of various energy systems in buildings.

<http://www.ecoadvisor.com/>

Energy Information Administration

Information on all forms of energy, including petroleum, natural gas, coal, nuclear, renewables, and alternative fuels. Also provides environmental, international, and forecast information about electricity.

<http://www.eia.doe.gov/>

Energy Star Program

Participate in the Energy Star program, search for builders in the program and learn about Energy Star appliances.

<http://www.energystar.gov/>

Lawrence Berkeley National Laboratory

Includes research on all aspects of building energy efficiency.

<http://btech.lbl.gov/btp.html>

The Power Scorecard

A rating mechanism that assesses the environmental impact of different types of electricity generation. Gives users comprehensive environmental information on green power providers.

<http://www.powerscorecard.org/>

Solar Living Institute

A nonprofit that offers hands-on workshops on renewable energy, ecological design, sustainable living practices, and alternative construction techniques.

<http://www.solarliving.org/>

U.S. Department of Energy

Energy Efficiency and Renewable Energy Network

Links to web sites and online documents on energy efficiency and renewable energy.

<http://www.eere.energy.gov/>

The Green Power Network

The Green Power Network (GPN) provides news and information on green power markets and related activities. The site provides up-to-date information on green power providers, product offerings, consumer protection issues, and policies affecting green power markets. It also includes a reference library of relevant papers, articles and reports. The Green Power Network is

operated and maintained by the National Renewable Energy Laboratory for the U.S. Department of Energy.

<http://www.eere.energy.gov/greenpower/>

State Energy Alternatives

State-by-state information about renewable energy. Also includes summaries of renewable-energy technologies and policy issues.

<http://www.eere.energy.gov/states/alternatives/>

Ask an Energy Expert: Energy Efficiency and Renewable Energy Clearinghouse (EREC)

Provides free general and technical information to the public on a wide spectrum of topics and technologies pertaining to energy efficiency and renewable energy.

<http://www.eere.energy.gov/informationcenter/>

Building Energy Tools Directory

A collection of 210 software tools with pro/con descriptions. Searchable by function or computer platform.

http://www.eere.energy.gov/buildings/tools_directory/

INDOOR ENVIRONMENTAL QUALITY

EPA Indoor Air Quality

Covers general indoor air quality topics, including radon, asthma, and mold. Also highlights an extensive list of EPA publications.

<http://www.epa.gov/iaq/>

Greenguard

A registry for products that have been tested and found to meet applicable government and NGO standards for emissions to ensure healthy indoor air quality.

<http://www.greenguard.org/DesktopDefault.aspx>

FACILITIES OPERATIONS

The Noise Pollution Clearinghouse

Extensive resource for myriad information on noise and its control. Includes a technical reference on noise impacts and frequently updated resources section for current publications and articles.

<http://www.nonoise.org/>

MATERIALS AND RESOURCES

Development Center for Appropriate Technology

A leading organization promoting building codes that protect the planet as well as building occupants. The site offers many valuable resources on alternative building materials and technologies, such as strawbale and earthen construction.

<http://www.dcat.net/>

Environmentally Preferable Purchasing

Government program under the U.S. EPA's Office of Pollution Prevention that is promoting the use of recycled and other green products.

<http://www.epa.gov/opptintr/epp/>

Forest Certification Resource Center

Offers clear, well-organized background materials on forest product certification. Its primary feature is a series of databases tied directly to the Forest Stewardship Council's official listing of certified organizations. Also features a toolkit that helps designers specify certified wood.

<http://certifiedwood.org/>

Forest Stewardship Council (FSC)

An independent, nonprofit organization that promotes responsible forest management by evaluating and accrediting certifiers, encouraging the development of national and regional forest management standards, and providing public education about independent, third-party certification.

<http://www.fscus.org/>

Forest World

Provides contact and certification information for manufacturers of forest products. Categorizes over 6,000 industry-related sites by description, company name, or category. Also includes information about more than 900 species of wood, including uses, distribution, physical properties, and environmental profiles.

<http://www.forestworld.com/>

GreenerBuilding.org

Building products, local dealers, and helpful programs. A place for you to share your personal expertise about products with the sustainable building community.

<http://www.greenerbuilding.org/>

GreenSpec Directory

Includes over 1,650 environmentally preferable building products.

<http://greenspec.com/>

Guide to Resource Efficient Building Elements

Listing of resource-efficient building materials is now available online as a free, searchable, continuously updated database.

<http://www.crbt.org/>

SmartWood

SmartWood, a program of the Rainforest Alliance, works to reduce the negative impact of commercial forestry by rewarding its seal of approval to responsible forest managers.

<http://www.rainforest-alliance.org/programs/forestry/smartwood/>

CONSTRUCTION PRACTICES

California Integrated Waste Management Board

Site includes information on recycling construction waste.

<http://www.ciwmb.ca.gov/>

WasteSpec

Model specifications for construction, waste reduction, reuse, and recycling. Available free online.

<http://www.tjcog.dst.nc.us/regplan/wastspec.htm>