

Local Living Textbook

Online Resources for Community Action (ORCA)

Library Links – Green Building

1. **Washington Sustainable School Protocol (WSSP).** State-funded school construction projects are required to incorporate high-performance features into their school design and construction. All major facility projects of public school districts receiving any funding in a state capital budget must be designed and constructed to at least the LEED silver standard or WSSP. The Washington Sustainable Schools Protocol is a tool developed to help school districts comply with the goals of the law. It is a planning tool that allows designers to plan a high-performance school while considering the regional, district, and site-specific possibilities and constraints for each project. The categories in the protocol include those related to Site, Water, Materials, Energy, Indoor Environmental Quality, and Innovation.
<http://www.k12.wa.us/SchFacilities/Programs/HighPerformanceSchoolBuildings.aspx>
2. **Built Green** is an environmentally-friendly, non-profit, residential building program of the Master Builders Association of King and Snohomish Counties, developed in partnership with King County, Snohomish County, and other agencies in Washington State. Built Green is a network of architects, builders, developers, subcontractors, suppliers, lenders, and real estate agents working together to improve quality of life in King and Snohomish Counties. The Built Green program accomplishes this by using a menu of options that provide quality homes which, compared to standard homes, are more cost-effective to own and operate, healthier, safer, and more protective of our beautiful Pacific Northwest environment.
<http://www.builtgreen.net/>
3. **King County - Green Building and Sustainable Development Ordinance.** The Green Building Initiative started in 2001 with an Executive Order which was replaced by an ordinance in 2005. <http://your.kingcounty.gov/solidwaste/greenbuilding/green-building-ordinance.asp>
4. **King County – Green Building Resources**
<http://your.kingcounty.gov/solidwaste/greenbuilding/county-green-building.asp>
5. **King County, Eco-Cool Remodel Tool.** Take a tour through our virtual house and find ways to green up your next home remodeling project.
<http://your.kingcounty.gov/solidwaste/greenbuilding/eco-remodel.asp>
6. **Leadership in Energy and Environmental Design.** LEED provides building owners and operators with a framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions. LEED certification provides independent, third-party verification that a building, home or community was designed and built using strategies aimed at achieving high performance in key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality. Developed by the U.S. Green Building Council (USGBC) in 2000, the LEED rating systems are developed through an open, consensus-based process led by LEED committees. The next update of the

LEED rating system, coined LEED 2012, is the next step in the continuous improvement process and on-going development cycle of LEED.

<http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>

7. **What LEED Measures.** LEED promotes a whole-building approach to sustainability by recognizing performance in nine key areas:
<http://www.usgbc.org/DisplayPage.aspx?CMSPageID=1989>
8. **Living Building Challenge** is a philosophy, advocacy tool and certification program that addresses development at all scales. It is comprised of seven performance areas: Site, Water, Energy, Health, Materials, Equity and Beauty. These are subdivided into a total of twenty Imperatives, each of which focuses on a specific sphere of influence. The purpose of the Living Building Challenge is to define the most advanced measure of sustainability in the built environment possible today and acts to diminish the gap between current limits and ideal solutions. <https://ilbi.org/>
9. **Living Building Challenge – Bertschi School.** Projected to be the first Living Building in Washington State, the first project under construction using the 2.0 standards and first in an urban site. Only four Living Buildings have been certified in the world under the original 1.3 Standards <http://www.bertschi.org/campus/science.html>
10. **Living Building Challenge - The Bullitt Center.** The Bullitt Center will be the greenest, most energy efficient commercial building in the world, firmly planting Seattle at the forefront of the green building movement. This six-story, 50,000 square-foot building is located at the intersection of Capitol Hill and the Central District in Seattle, Washington. The goal of the Bullitt Center is to change the way buildings are designed, built and operated to improve long-term environmental performance and promote broader implementation of energy efficiency, renewable energy and other green building technologies in the Northwest. The building is seeking to meet the ambitious goals of the Living Building Challenge, the world's most strenuous benchmark for sustainability. <http://bullittcenter.org/>
11. **One Planet Communities.** Creating a network of earth's greenest neighborhoods, where it is easy, attractive and affordable for people to live a healthy, happy lifestyle within a fair share of our planet's resources. There are currently award-winning and endorsed projects in the USA, UK, and Portugal, with others applying the principles in South Africa, China, Australia, and Canada. <http://www.oneplanetcommunities.org/> The most local community project to be endorsed is on Bainbridge Island. <http://growbainbridge.com/the-experience/one-planet-living/>
12. **Architecture 2030.** A non-profit, non-partisan and independent organization established in response to the climate change crisis by architect Edward Mazria in 2002. 2030's mission is to rapidly transform the U.S. and global Building Sector from the major contributor of greenhouse gas emissions to a central part of the solution to the climate change, energy consumption, and economic crises. Our goal is straightforward: to achieve a dramatic reduction in the climate-change-causing greenhouse gas (GHG) emissions of the Building Sector by changing the way buildings and developments are planned, designed and constructed. http://architecture2030.org/about/about_us

13. **The Seattle 2030 District.** An interdisciplinary public-private collaborative working to create a groundbreaking high-performance building district in downtown Seattle. With the Architecture 2030 Challenge for Planning providing our performance goals, we seek to develop realistic, measurable, and innovative strategies to assist district property owners, managers, and tenants in meeting aggressive goals that reduce environmental impacts of facility construction and operations. <http://www.2030district.org/seattle/about>
14. **Miller Hull Partnership – Architects** <http://www.millerhull.com/html/sustainability.htm>
15. **Mithun Architects** <http://mithun.com/>
16. **Bassetti Architects** <http://www.bassettiarch.com/services.html>
17. **Jones and Jones Architects** <http://www.jonesandjones.com/index.html>
18. **McKinstry** <http://www.mckinstry.com/#/?floor=main>
19. **Seattle Housing Authority.** Provides long-term rental housing and rental assistance to more than 26,000 people with low incomes and supports green building practices in developing new planned communities like High Point. <http://www.seattlehousing.org/>
20. **Capital Hill Housing.** With 44 buildings throughout Seattle, Capital hill Housing builds vibrant and engaged communities through affordable housing and community development. <http://www.capitolhillhousing.org/about/>
21. **Puget Sound Sage.** Brings together labor, faith and community to build an economy based on shared prosperity. Works to ensure all families benefit from economic growth, all workers are free from discrimination in the workplace and all development meets the needs of our communities. <http://www.pugetsoundsage.org/index.php>
22. **GreenRentor.** Developed a scoring system for green buildings. The GreenRenter Score provides a snapshot of a building's sustainability using a scale of 1 to 5, the higher the number the greener the building. <http://www.greenrenter.com/>
23. **GreenWorks Realty.** The nation's oldest green real estate agent brand. Trains and coaches agents to improve the health of homes and communities and bring added value to healthy and efficient homes. <http://greenworksrealty.com/>