



Every Building Greener



Green Building Toolkit

# Green Building Toolkit

**Mike Jess**

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the name bar.

## **Green Building Toolkit:**

**Sustainable Design and Green Building Toolkit for Local Governments** ,2010      The Sustainable Design and Green Building Toolkit for Local Governments ,2010      **Toward Sustainable Communities** Mark Roseland,2012-07-17 Helps citizens and their governments apply the concept of sustainable development in their communities Original      Land Management Erwin Hepperle,2012-12-05 The European Academy of Land Use and Development EALD organizes annual symposiums on topics related to the interactions between people and the land in both rural and open environment This book contains articles of experts from 14 different European countries with different professional background It covers the following generalized topics Interactions between landscape transformation and the structure of social systems and ecosystem services the role of institutions and stakeholders in land use change the various impacts of land use changes coordination requirements in land use planning approaches to address specific challenges in land management stumbling blocks of integral land management      *Green Building Materials* Ross Spiegel,Dru Meadows,2010-11-09 GREEN BUILDING MATERIALS THE ULTIMATE USER S MANUAL TO GREEN BUILDING MATERIALS To properly select and specify green building materials successful architects need authoritative real world advice on how to select and use nontoxic recycled and recyclable products and how to integrate these products into the design process in order to capitalize on the many practical and economic advantages of going green Green Building Materials Third Edition is the most reliable up to date resource to meet today s green building challenges from reducing waste and improving energy efficiency to promoting proper code compliance and safeguarding against liability claims Written by two nationally known experts on green building methods and materials Green Building Materials Third Edition offers in depth practical information on the product selection product specification and construction process This new Third Edition is an excellent hands on guide to today s newest range of green building materials what they are where to find them how to use them effectively and how to address LEED requirements Organized by CSI MasterFormat category for fast access to specific information it features A new chapter on eco labels green standards and product certification A new appendix providing reference information for sustainability standards and standards development organizations New sample specifications including green power requirements vegetated green roof systems rainwater harvesting and water reuse systems Revised and updated review of trends affecting the future of green building materials Updated approach and reference information for the product selection process Green Building Materials Third Edition is an essential tool for designing environmentally friendly buildings ones made from materials that preserve the Earth s natural legacy for future generations      Sensible Guide for Healthier School Renovations ,      *Local Climate Action Planning* Michael R. Boswell,Adrienne I. Greve,Tammy L. Seale,2012-07-16 Climate change is a global problem but the problem begins locally Cities consume 75% of the world s energy and emit 80% of the world s greenhouse gases Changing the way we build and operate our cities can have major effects on greenhouse gas emissions Fortunately communities across

the U S are responding to the climate change problem by making plans that assess their contribution to greenhouse gas emissions and specify actions they will take to reduce these emissions This is the first book designed to help planners municipal staff and officials citizens and others working at local levels to develop Climate Action Plans CAPs are strategic plans that establish policies and programs for mitigating a community s greenhouse gas GHGs emissions They typically focus on transportation energy use and solid waste and often differentiate between community wide actions and municipal agency actions CAPs are usually based on GHG emissions inventories which indentify the sources of emissions from the community and quantify the amounts Additionally many CAPs include a section addressing adaptation how the community will respond to the impacts of climate change on the community such as increased flooding extended drought or sea level rise With examples drawn from actual plans Local Climate Action Planning guides preparers of CAPs through the entire plan development process identifying the key considerations and choices that must be made in order to assure that a plan is both workable and effective Building Healthy Places Toolkit Urban Land Institute,2015 This project was made possible through the generous financial support of the Colorado Health Foundation Additional support for the ULI Building Healthy Places Initiative has been provided by the estate of Melvin Simon *How Green is My Library?* Sam McBane Mulford,Ned A. Himmel,2009-12-22 While there is a broad spectrum of ecological sophistication within libraries nationwide and some regions are at the forefront of sustainable of sustainable design and operations others are just beginning or have yet to integrate materials recycling into their daily practice A few jurisdictions are mandating LEED certified buildings and carbon neutral practices while others do not yet have these concepts on their radars **Microbiomes of the Built Environment** National Academies of Sciences, Engineering, and Medicine,National Academy of Engineering,Division on Engineering and Physical Sciences,Health and Medicine Division,Division on Earth and Life Studies,Board on Infrastructure and the Constructed Environment,Board on Environmental Studies and Toxicology,Board on Life Sciences,Committee on Microbiomes of the Built Environment: From Research to Application,2017-11-06 People s desire to understand the environments in which they live is a natural one People spend most of their time in spaces and structures designed built and managed by humans and it is estimated that people in developed countries now spend 90 percent of their lives indoors As people move from homes to workplaces traveling in cars and on transit systems microorganisms are continually with and around them The human associated microbes that are shed along with the human behaviors that affect their transport and removal make significant contributions to the diversity of the indoor microbiome The characteristics of healthy indoor environments cannot yet be defined nor do microbial clinical and building researchers yet understand how to modify features of indoor environments such as building ventilation systems and the chemistry of building materials in ways that would have predictable impacts on microbial communities to promote health and prevent disease The factors that affect the environments within buildings the ways in which building characteristics influence the composition and function of indoor

microbial communities and the ways in which these microbial communities relate to human health and well being are extraordinarily complex and can be explored only as a dynamic interconnected ecosystem by engaging the fields of microbial biology and ecology chemistry building science and human physiology This report reviews what is known about the intersection of these disciplines and how new tools may facilitate advances in understanding the ecosystem of built environments indoor microbiomes and effects on human health and well being It offers a research agenda to generate the information needed so that stakeholders with an interest in understanding the impacts of built environments will be able to make more informed decisions

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