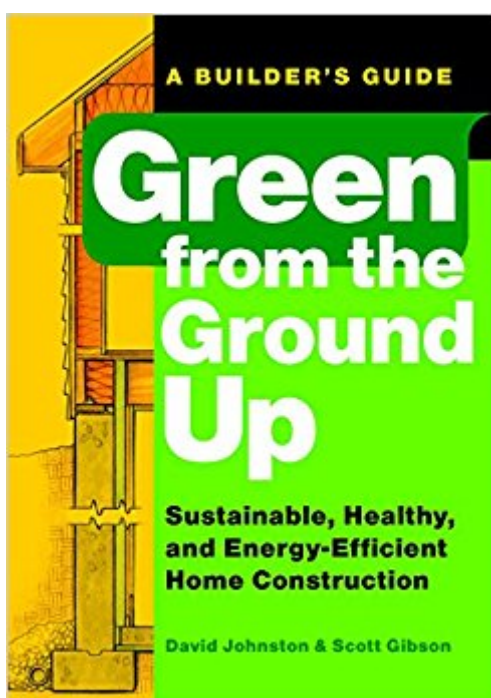


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# Green From The Ground Up: Sustainable, Healthy, And Energy-Efficient Home Construction (Builder's Guide)



## Synopsis

Green construction is the building trend of the decade. In direct response to the growing demand for sustainable, healthy, and energy-efficient homes, David Johnston and Scott Gibson present the most forward-thinking theories and the best proven methods of new and remodeled green construction. They begin with down-to-earth explanations of green building basics and move on to site planning, materials selection, energy efficiency, and indoor air quality -- detailing along the way every step in design and construction, from framing to finishes. A must-have reference for contractors who want to remain competitive, *Green from the Ground Up* is also a remarkable resource for homeowners who require the clearest and most thorough green building information available.

## Book Information

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## Customer Reviews

"A refreshing and comprehensive step-by-step course in green building, packed with both solid building science and common sense solutions."-Helen English, executive director of Sustainable Buildings Industry Council"  
"Green From the Ground Up" overflows with details and practical content that is hard to find anywhere else...an essential resource for any building professional that will be a valuable reference tool for years to come."  
-Brian Gitt, CEO of Build It Green  
"Within 5 to 10 years, all contractors will need to know how to execute a green remodel. From framing and foundations to plumbing and interior finishes, "Green From the Ground Up" puts that information in our

hands."-Dan Taddei, director of education, National Association of the Remodeling Industry  
Labelled a Builder's Guide, this book is the next step up from the Dummies tome. It's written for builders and architects, but is a valuable resource for the advanced DIY person or the homeowner who wants to talk turkey with the pros on eco-friendly construction and energy efficiency. Topics range from selecting your building site and landscaping to tankless hot water systems and the insulating value of different window frame materials. --Ottawa Citizen (Canada)

"Eco-friendly housing used to be thought of as expensive, ugly or just plain weird. Now it's becoming common. David Johnston and Scott Gibson offer guidance on environmentally sensitive home building in *Green from the Ground Up: Sustainable, Healthy, and Energy-Efficient Home Construction*. The book helps builders and homeowners create houses that conserve natural resources and are energy-efficient and healthful. It's packed with information, tips, illustrations and case studies that offer wisdom earned from experience."

This book is a guide to help one understand the principles of how to build Green and why. It is not a sales pitch for green like other publications with lots of why but nothing about how. It presents a variety of possibilities depending on how the build needs to be done and an understanding of what's the best choice under the circumstances for the specific build. It also ties the various aspects of the build together to show how one part effects another. I am doing a major overhaul of a property and appreciated the comment early in the book not to worry about going backwards but from where my build started making good choices for the rest of the project. With the information I have from the book backed up by those I'm working with I have confidence that I will end up with a great overhaul.

I had no building background and was looking for a book with smart coverage of every aspect associated with house building and ownership. This book suits very well. Every chapter consists of introduction, best practices, tips and details to pay attention for. There is no text verbose, chapters are short but thorough. The book is good illustrated though at first glance illustrates looked obstructive as they break the text flow. The only thing I wish is the 2nd edition, there can be a progress in building materials and heating technologies since 2008, when the book was published.

This book is one of Better sustainable technique to design a building or home. This expands the concept on how to preserve energy. the way the build is building, type of materials, compare from standards to sustainable building. If you value your home and plan to live in long term, remodel with

tips from this book to become your home an efficient.

Love it! Lots of photos and diagrams. It covers all aspects of designing and decorating your green home from top to bottom and inside and out! I recommend this for anyone wanting to build a green, sustainable home from scratch or even for remodeling your current dwelling.

A informative book on what to do in designing and building an efficient house. This book is written mostly for cold climates, vice hot climates. It has a lot of high level knowledge about a house and the systems that can be utilized for efficiency. I ignored the parts that dealt with global warming and energy running out, as they are not really important to how the house should be designed and built. They have done an excellent job of looking at what can be done today, and what makes sense to do in building a house. They seem to be more aimed at temperate and cold climates in the USA, and do not pay as much attention to hot climates, and what can be done in a hot climate to keep the place cool. In particular, what to do about windows, and house orientation etc. In temperate and cold climates, having lots of south facing windows and the thermal mass for the winter time makes sense. What are their recommendations for hot climates, where solar heating is not really needed in the house, except perhaps for a short period in the winter time? Good job. Interesting and informative book with lots of illustrations and photographs.

In a few years from now I want to build a passive solar house and I am planning to use many of these ideas.

Would love an updated edition. Still references things set to happen in 2012. A lot has changed since then, but most of the information is not time sensitive. A good read, with a lot of good information

Lots of good info in here. This is in my rotating "loan it to uninformed" library.

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