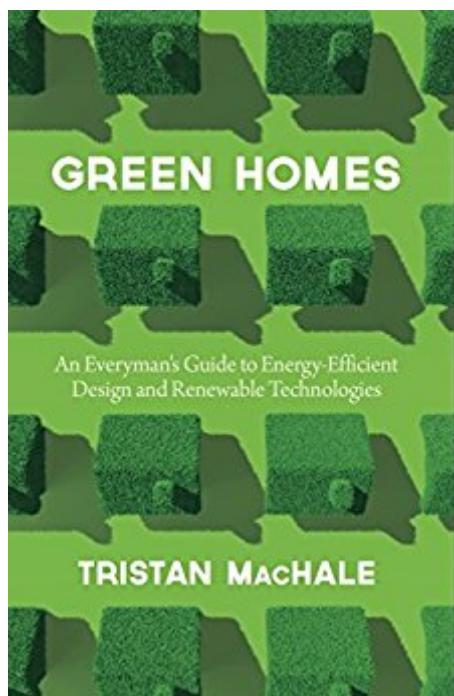


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# Green Homes: An Everyman's Guide To Energy-Efficient Design And Renewable Technologies



## **Synopsis**

New to the field or a seasoned professional, Tristan MacHale's Green Homes is a book for anyone interested in the topic of sustainability in residential design. Sustainable design seeks to reduce negative impacts on the environment, and the health and comfort of building occupants, thereby improving building performance. The basic objectives of sustainability are to reduce consumption of non-renewable resources, minimize waste, and create healthy, productive environments. Beginning with passive energy efficiency, MacHale discusses the Passive House standards that create energy efficiency through smart design within the environment. In Part Two, the reader will learn about active energy efficiency--solar panels and other technologies for home power generation. Lastly is an engaging and informative discussion of the current relationship between public utility companies and power-generating homes through a system called Net Energy Metering. Green Homes puts emphasis on the financial factors of investing in sustainable homes, both the good and the bad. The initial cost of "going green" will result in increasing cost savings in the future as energy prices continue to rise. Throughout the book, there will be mention of different prices, financing options, and investment analysis which will provide the reader with a better understanding of residential sustainability and how it can positively affect life at home. Green Homes is a book about the future of American residential design. Energy efficiency will be the new norm in architecture and Tristan MacHale will help you understand the changes.

## **Book Information**

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## **Customer Reviews**

Green Homes is a fascinating guide to the future of housing. Everyone knows of the sight of solar panels on a sunroof, but Tristan MacHale does an excellent job of explaining the difference between those panels and other energy efficient methods of power. His comparison of active vs. passive energy efficiency is incredibly intriguing and well written. It draws you in to make you wonder how to do it yourself, to which he follows with the answers to every question you could have, be it financing or practicality. Whether you are in the market or not, Green Homes is a must read to get ahead of the curve of the future of residential design.

I like the way the author compared and contrasted different approach on building a sustainable housing. Although there are some time specific events that are not relevant anymore, like the US stance on the Paris climate change compact.

Tristan's book is not only incredibly well written, but makes me want to use it as a guide for how to design my future home to be energy efficient and use renewable technologies. It also makes me more conscious about everything regarding my current place. Tristan is really eloquent and I genuinely recommend this book to everyone.

Simple product but very effective. I like this so much, I now have two does what it says Enjoying the product as I write this. Thanks for quick service! Awesome ultra-affordable price with product, sales and evaluation are good, the key is easy to use, this is my most satisfying. like as I expect perfection

An intriguing subject that MacHale approaches in a completely unique manner. His writing style and word choice really bring out the message. A changing world with lots to lose, this book offers us with the perfect step-by-step guide on how to help save our planet.

Insightful and stimulating. A must read.

Green Homes is a must read for everyone in the 21st century

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