

Clean Tech Nation: How the U.S. Can Lead in the New Global Economy

Ron Pernick, Clint Wilder

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"Clean Tech Nation dares to imagine a country in which bipartisanship reigns, green energy is our greatest national resource, and our competitive edge in the global economy is restored."

—President Bill Clinton

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Ron Pernick, Clint Wilder : Clean Tech Nation: How the U.S. Can Lead in the New Global Economy before purchasing it in order to gage whether or not it would be worth my time, and all praised Clean Tech Nation: How the U.S. Can Lead in the New Global Economy:

3 of 3 people found the following review helpful. Excellent overview, with a vision for the future. By James Belcher Clean Tech Nation gives a great overview of clean tech's current economic reality, without political rhetoric or Pollyanna optimism. Its analysis and perspective are especially useful in considering how US clean tech efforts will

play out globally. For instance, the authors note that renewable energy is not a zero-sum game: just because China makes cheap solar cells doesn't mean there's not room for high-end RD, installation and smart grid/transmission and distribution business in the US. At the same time, Pernick and Wilder note the risks in ceding large parts of the clean-tech economy to other countries, and lay out a measured plan for making sure the US gets its share. Making sense of all the different parts of the clean-tech economy can be overwhelming. This book does it in a straightforward way. It has enough data to back up its claims, but never falls into mind-numbing market research territory. It's a must-read for those who need to keep current on clean-tech business and policy, and for those working to shape the future. 1 of 1 people found the following review helpful. Unbiased Book By Stephen N. Anderson "Clean Tech Nation" puts all the progress the U.S. has made in very clear, unbiased context including charts of the leading states in the country and references to how the states have accomplished their status as well as lists of clean technology companies in those states. Jam packed with information, page after page. It is a milestone reference book in every way and more than meets up with the subtitle: "How the U.S. can lead in the New Global Economy". 0 of 1 people found the following review helpful. Shipped and arrived timely. By J. Rillera The condition of the book was just as advertised. I bought this book for my husband so I can't offer any comments about the rating of the content of the book.

From Ron Pernick and Clint Wilder, the authors of Clean Tech Revolution, comes the next definitive book on the Clean Tech industry. In Clean Tech Nation, they shine a light on the leaders at the forefront of the growing movement. USA Today called Pernick and Wilder's groundbreaking first book, "one of the few instances in this genre that shows the green movement not in heartstring terms but as economically profitable." Clean Tech Nation expands on their original idea to provide concrete analysis on the efforts of the U.S. and other countries in this area, and provides a clear way forward for the U.S. so that it can lead the pack as it competes with the rest of the world.

"Five years ago, Pernick and Wilder predicted a clean-energy revolution. Today, that revolution is already underway-but without an aggressive energy strategy, America's leadership will falter. The action plan in this book is just what the country needs, and Pernick and Wilder are expert guides once again." (John Podesta, Chair and Counselor, Center for American Progress) "Pernick and Wilder powerfully articulate the trends and developments reshaping the clean-tech landscape and provide both compelling and comprehensive solutions. They intelligently lay out what's needed next, offering controversial yet reconcilable steps to enable profound progress in the U.S." (John Hofmeister, Founder and CEO, Citizens for Affordable Energy, Former President, Shell Oil Company) "Bursting with data, case studies, and market insights, Clean Tech Nation is must reading for business leaders, investors, policymakers, scholars, environmental advocates, and anyone else who cares about America's energy and environmental future." (Dan Esty, Hillhouse Professor of Environmental Law and Policy, Yale University, Author of Green to Gold) "Clean Tech Nation deftly illustrates how well placed and naturally advantaged the United States is in the Clean Tech race and offers a coherent and realistic seven point action plan designed to secure that lasting advantage for the benefit of the American people." (David Crane, President and CEO of NRG Energy) "If the U.S. wants to maintain its status as the world's leading economy it must put a stake in the ground for the clean tech sector. Here, the authors describe how the U.S. can seize this opportunity to lead, create jobs, and be an innovation engine." (Bill Ritter, Former Governor, Colorado, Director, Center for the New Energy Economy) "Too many are giving up on the U.S.'s critical role in building a clean-tech future. Against this backdrop, Clean Tech Nation makes an effective case for U.S. leadership and a path to get there." (Mark Vachon, Vice President of GE, Ecomagination) "A new sustainable economy is unfolding rapidly around the world, led by forward-looking companies, governments, and individuals. Here, Pernick and Wilder offer a clear, compelling, and inspiring path for the U.S. to seize the reins of this once-in-a-generation business opportunity." (L. Hunter Lovins, President of Natural Capitalism Solutions, Coauthor of Climate Capitalism) "This book conveys an insightful insider's view of renewable energy and clean-tech markets, industry, finance, and policy in a way that will leave the reader with a deeper understanding of how this revolution happened and where it must go next." (Michael T. Eckhart, Managing Director, Global Head of Environmental Finance for Citi Corporate and Investment Banking) "Ron Pernick and Clint Wilder have created a compelling vision for a Clean Tech Nation and a roadmap for creating it, even as they surprise and delight readers with a rich account of progress already achieved. I salute their unique combination of technical savvy, practical sense, and imperishable enthusiasm." (Ralph Cavanagh, Energy Program Co-Director for National Resources Defense Council) "Clean tech is growing up. In Clean Tech Nation, Pernick and Wilder take an important look at the industry's challenging adolescent years and what it will take, in terms of both public and private action, to reach a successful adulthood - financially and societally." (Dan Reicher, Executive Director, Steyer-Taylor Center for Energy Policy and Finance, Stanford University, Former U.S. Assistant Secretary of Energy) "Pernick and Wilder present both practical and thought-provoking ideas for financing the clean-tech sector. Their book offers a compelling call-to-action, for investors, policymakers, and others, to fuel America's energy and economic future." (Puon Penn, Senior Vice President, Head of Global CleanTech Markets, Wells Fargo) "An informative, optimistic look at how a

partnership between private capital and government can unleash America's innovative capabilities." (Kirkus s) "Strong on solid, easy to digest data and doesn't promote a political agenda....[A]n excellent resource for state and local planning commissions and a model for developing a clean national energy policy." (Booklist) "Clean Tech Nation dares to imagine a country in which bipartisanship reigns, green energy is our nation's greatest national resource, and our competitive edge in the global economy is restored." (President Bill Clinton) "Clean Tech Nation makes a compelling case not only for why the U.S. needs to focus on smart policies to drive clean-tech leadership, but how. The author's action plan can help unleash America's innovative energy and ensure that we don't cede this trillion-dollar opportunity to other nations." (Rick Needham, Director, Energy Sustainability, Google)

From the Back Cover With other nations aggressively forging ahead in clean tech—including renewable energy, smart grid, electric vehicles, and green buildings—how can the United States position itself for success? On its current path, the United States risks losing out on the most critical opportunity for job creation and global economic leadership in the 21st century. China is spending hundreds of billions on clean tech and is now the world leader in solar-panel and wind-turbine manufacturing. Germany plans to shutter all its nuclear power plants within a decade and build a new energy economy focused on renewables and efficiency. Japan, South Korea, the United Kingdom, India, and many others are also enthusiastically pursuing these burgeoning possibilities. If the U.S. is to remain dominant, as it has in the earlier high-tech and Internet revolutions, it needs to supercharge efforts at every level—in federal, state, and city governments, and in schools, small businesses, and large companies.

Industry experts Ron Pernick and Clint Wilder combine insightful analysis with lively storytelling to assess current clean-tech leaders worldwide, while highlighting front-running U.S. cities and states. Offering a Seven-Point Action Plan for Repowering America—with such controversial steps as ending all energy subsidies within ten years, launching a national smart infrastructure bank, and creating a new breed of clean-tech investment tools modeled on the oil and gas industries—Clean Tech Nation sounds a compelling and achievable call to action.

About the Author Ron Pernick is cofounder and managing director of Clean Edge, a leading clean-tech research and advisory firm, is coauthor of the book *The Clean Tech Revolution*, and has co-produced the annual Clean-Tech Investor Summit. He also manages the company's stock and leadership index products and services and is a consultant for governments, corporations, and entrepreneurs. Pernick is widely cited in the media, and lectures at industry events in the U.S. and abroad. He has taught MBA-level courses at New College and Portland State University. He lives with his wife and two children in Portland, Oregon.

Clint Wilder is senior editor at Clean Edge and coauthor of *The Clean Tech Revolution*. He is an award-winning business journalist who has covered the high-tech and clean-tech industries since 1985. He coauthors reports and writes columns on industry trends for Clean Edge and has been a facilitator at the Clinton Global Initiative. He is a frequent speaker at clean-energy and green business events in the U.S. and overseas, and a regular blogger for the Huffington Post. He lives with his wife in Sausalito, California.

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