

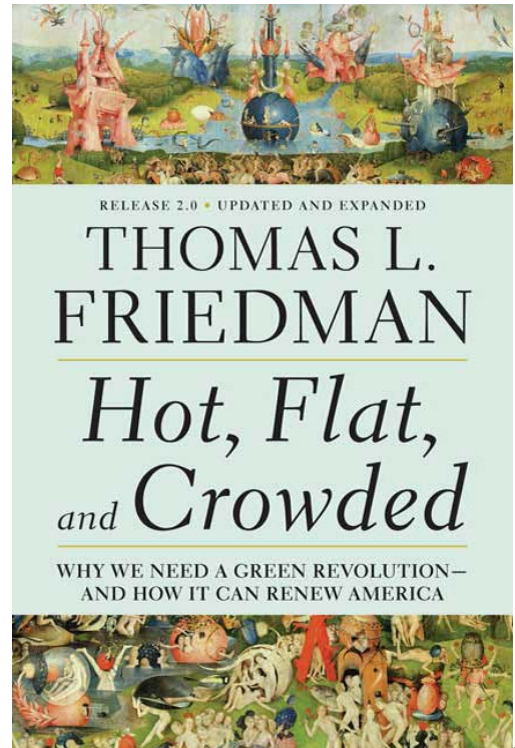
READING GROUP GUIDE

Hot, Flat, and Crowded 2.0

Why We Need a Green Revolution—
and How It Can Renew America

by **Thomas L. Friedman**

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About this Guide

The following author biography and list of questions about *Hot, Flat, and Crowded 2.0* are intended as resources to aid individual readers and book groups who would like to learn more about the author and this book. We hope that this guide will provide you a starting place for discussion, and suggest a variety of perspectives from which you might approach *Hot, Flat, and Crowded 2.0*.

About the Book

In this brilliant, essential book, Pulitzer Prize-winning author Thomas L. Friedman speaks to America's urgent need for national renewal and explains how a green revolution can bring about both a sustainable environment and a sustainable America.

Friedman explains how global warming, rapidly growing populations, and the expansion of the world's middle class through globalization have produced a dangerously unstable planet—one that is "hot, flat, and crowded." In this *Release 2.0* edition, he also shows how the very habits that led us to ravage the natural world led to the meltdown of the financial markets and the Great Recession. The challenge of a sustainable way of life presents the United States with an opportunity not only to rebuild its economy, but to lead the world in radically innovating toward cleaner energy. And it could inspire Americans to something we haven't seen in a long time--nation-building in America--by summoning the intelligence, creativity, and concern for the common good that are our greatest national resources.

Hot, Flat, and Crowded is classic Thomas L. Friedman: fearless, incisive, forward-looking, and rich in surprising common sense about the challenge--and the promise--of the future.

About the Author

Thomas L. Friedman is an internationally renowned author, reporter, and columnist—the recipient of three Pulitzer Prizes and the author of five bestselling books, among them *From Beirut to Jerusalem* and *The World Is Flat*. Friedman lives in Bethesda, Maryland, with his family.

Discussion Questions

1. Discuss chapter one's title, "Where Birds Don't Fly," and the story behind it. How has this bunker mentality affected America's role as an agent for positive change in the global arena?
2. In what ways did *Hot, Flat, and Crowded* help you understand the history of the energy crisis and high fuel prices, from Carter-era progressivism through the Reagan era and beyond? What aspects of this history surprised you the most?
3. Friedman begins by outlining three trends that capture diverse American attitudes toward energy consumption, climate change, and biodiversity: the "dumb as we wanna be" approach, found even among the political elite; the "subprime nation" mentality of borrowing our way to prosperity; and the optimism of innovators who want to do what's right. Which attitude prevails in your community?
4. Discuss the factors that have shaped the Energy-Climate Era: overcrowding due to population growth and longevity, the flattening of the world due to the rise of personal computers and the Internet, the fall of the Soviet Union, and other developments. How have these factors affected America economically, politically, and otherwise?
5. Chapter two makes the distinction between "fuels from hell" and "fuels from heaven." How is your life fueled by both categories? What would it take to transition completely to "fuels from heaven"?

6. In your community, who has the most obvious case of affluenza? How would these groups fare under Chinese capitalism? Do you agree with Friedman's prediction that Chinese capitalism will signal the death of the European welfare state? What other repercussions will rising affluence within the Chinese middle class be likely to have?

7. Friedman describes his visit to an ultra-green Wal-Mart in McKinney, Texas, and the highly unecological urban sprawl he had to ride through to get there (chapter three). In what way is this a microcosm of America's current approach to Code Green?

8. Friedman's first law of petropolitics states that as the price of oil goes up, the pace of freedom goes down. Why is this so often true? Did this principle apply to prosperity for American oil companies in the early twentieth century? What are the ramifications of Friedman's second law of petropolitics, "You cannot be either an effective foreign policy realist or an effective democracy-promoting idealist without also being an effective energy-saving environmentalist"?

9. In chapter five, Friedman describes the controversy that ensued when meteorologist Heidi Cullen tried to educate her audience about global warming. What is the best way to inform those who tune out such messages, which they believe are tantamount to "politicizing the weather"?

10. What did you discover about the importance of biodiversity by reading *Hot, Flat, and Crowded*? Why do the efforts of groups such as Conservation International receive less attention than climate-change studies, though Friedman asserts that they are equally crucial?

11. Discuss the proposal in chapter seven that ending "energy poverty" is a key to healing third-world populations, particularly in Africa. What is the best way to balance the need for energy in these regions with the destructive effects of powersupply emissions? What is the best way to overcome the political instability that has stymied the growth of power grids in these locales?

12. At the heart of Friedman's argument is the notion that market demands drive innovation. What would it take to transform America's perception so that the Code Green message is seen as a key to prosperity? How has the image of environmentalism changed during your lifetime?

13. Friedman decries halfhearted attempts at environmental change, comparing them to a party rather than a revolution. At your workplace, in your neighborhood, and within your circle of friends, is it fashionable to go green? Is it taken seriously enough to become a bona fide movement, and then a revolution, where you live?

14. Chapter nine probes the political hurdles that have to be surmounted in order to effect meaningful ecological change. In the book's concluding passages, Friedman even admits to admiring the efficiency with which Chinese autocrats can enact immediate change. What should the role of government be in the face of a looming ecological crisis? How much government control is too much? Could a politician get elected in America by proposing higher fuel taxes and other disincentives for energy consumption?

15. Discuss chapter ten's economic principle that REEFIGDCPEERPC is less than TTCOBCOG (Renewable Energy Ecosystem for Innovating, Generating, and Deploying Clean Power, Energy Efficiency, Resource Productivity, and Conservation is less than the True Cost of Burning Coal, Oil, and Gas). How does this apply to your world? Why has America been slow to believe that REEFIGDCPEERPC is affordable?
16. Are any of the ideas described in Friedman's "futuristic" scenario (such as the Smart Black Box, smart grids, RESUs instead of cars, and energy costs that vary according to time of day) already in the works in your state?
17. Chapter eleven includes a proposal that the alternative-energy movement needs an economic bubble, similar to the one that poured staggering amounts of venture capital into the dot-com industry. In your opinion, why hasn't this happened yet?
18. Friedman describes a number of innovators and persuaders who have made significant inroads in improving conservation efforts, including an Indonesian imam who was persuaded to acknowledge river pollution, New York taxi drivers who now praise hybrid vehicles, and the U.S. military's determination to "outgreen" the enemy. What do these agents of change have in common? What should green revolutionaries learn from these experiences?
19. One of Friedman's conclusions is that "it is much more important to change your leaders than your lightbulbs." How will this play out in upcoming elections at all levels, local, state, and federal? What will the legacy of those elected officials be? How can you help to lead the Code Green revolution?
20. How has the world changed since the publication of Friedman's earlier books? How is the world now experiencing the effects of situations he covered throughout the 1990s? What human impulses (for example, materialism, benevolence) almost form a theme throughout all his books?



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