Driving the Future: Combating Climate Change with Cleaner, Smarter Cars PDF



Driving the Future: Combating Climate Change with Cleaner, Smarter Cars by Margo T Oge ISBN 1628725389

A distinguished expert offers a dazzling preview of the cars of the future, while exploring the science and politics behind climate change.

As the director of the EPA's Office of Transportation and Air Quality, engineer Margo Oge was the chief architect behind the Obama administration's landmark 2012 deal with automakers in the US market to double the fuel efficiency of their fleets to 54.5 mpg and cut greenhouse gas emissions in half by 2025. This was America's first formal climate action using regulation to reduce emissions through innovation in car design. Tom Friedman praised the new rules as the "Big Deal" that redeemed the administration's previous inaction.

In Driving the Future, Oge portrays a future where clean, intelligent vehicles with lighter frames and alternative power trains will produce zero emissions and run at 100+ mpg. With electronic architectures more like that of airplanes, cars will be smarter and safer, will park themselves, and will network with other vehicles on the road to drive themselves. Offering an insider account of the partnership between Federal agencies, California, environmental groups, and car manufacturers that led to the historic deal, she discusses the science of climate change, the politics of addressing it, and the lessons learned for policymakers. She also takes the reader through the convergence of macro trends that will drive this innovation over the next forty years and be every bit as transformative as those wrought by Karl Benz and Henry Ford.

Driving the Future: Combating Climate Change with Cleaner, Smarter Cars Review

This Driving the Future: Combating Climate Change with Cleaner, Smarter Cars book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Driving the Future: Combating Climate Change with Cleaner, Smarter Cars without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Driving the Future: Combating Climate Change with Cleaner, Smarter Cars can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Driving the Future: Combating Climate Change with Cleaner, Smarter Cars having great arrangement in word and layout, so you will not really feel uninterested in reading.