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Nota di contenuto	Introduction -- Oil and the age of mobility -- Natural gas and transport -- Biofuels -- Electricity, infrastructure, and emobility -- Hydrogen and infrastructure -- Summary and speculations.
Sommario/riassunto	This book sheds light on three essential questions: 1. What is the likely supply of gasoline and diesel from oil worldwide to power light vehicles and trucks through 2030-2035? 2. Could any other fuel economically replace gasoline? Will different parts of the world answer that question differently? 3. How will the answers to these questions affect what we engineer, make, and drive in 2030-2035? As difficult as it is to predict timing of these events, the book presents reasonable assumptions and alternative scenarios. Since a switch to alternative technologies will require substantial investment, it is critical to have a sense of when. Despite the global reach of the automotive industry, it is unlikely that a solution for one region will fit all. A more reasonable goal is a set of projected 'ecosystems' using differing amounts of oil, electricity, or alternative fuels. From this, automotive managers and leaders can get a sense of how to make business decisions for the future. To frame comparisons, the author qualitatively assesses each alternative against these criteria: 1. energy density 2. scale 3. efficiency of use 4. consumer convenience 5. vehicle technical maturity 6. delivery

infrastructure maturity 7. production infrastructure maturity 8. rate of progress Some alternative fuels will naturally be higher in some categories than others.
