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Sommario/riassunto	Biofuels Biofuels The use of biofuels is rapidly gaining momentum all over the world, and can be expected to have an ever increasing impact on the energy and agricultural sector in particular. Biofuels covers the use and conversion technologies of biomass as a renewable resource to produce bioenergy in a sustainable way, mainly in the form of liquid and gaseous biofuels. It gives a broad overview of biofuel developments from both a technical and an economical angle. The different production technologies for biofuels that exist or are under development are extensively covered in depth, dealing with both first generation as well as second generation technologies. Market developments in the sector, including trends on prices, markets and

growth are also discussed. The link between the technical and economical developments are indicated throughout the text. The interactions between the technical, economical and ecological aspects are clearly expressed in this volume and are actually covered here for the first time in a single comprehensive volume. This comprehensive text will prove useful for chemists, biologists and engineers working in the emerging biofuels industry, for researchers and academics interested in the field, as well as for those active in conventional fuel companies. The book is also relevant to people active in policy or financing, either within the government, industry or academia. This volume offers an excellent source of useful information and allows reflection about the bio-based economy in general. Topics covered include: * Process Technologies forBio-ethanol Production * Process Technologies for Biodiesel Production * Bio-based Fischer-Tropsch Diesel Production * Biomass Digestion to Methane * Biological Hydrogen Production * Feedstocks for Biorefineries * Sustainability of Biofuels