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| Nota di contenuto | Intro; Title Page; Copyright; Table of Contents; List of Contributors; Preface; Chapter 1: AkzoNobel: Biobased Raw Materials; Chapter 2: Arizona Chemical: Refining and Upgrading of Bio-Based and Renewable Feedstocks; Chapter 3: Arkema: Castor Reactive Seed Crushing Process to Promote Castor Cultivation; Chapter 4: Avantium Chemicals: The High Potential for the levulinic product tree; Chapter 5: C5LT: Biorenewables at C5 Ligno Technologies AB; Chapter 6: Cepsa: Towards The Integration of Vegetable Oils and Lignocellulosic Biomass into Conventional Petroleum Refinery Processing Units Chapter 7: DuPont: Biorenewables at E.I. DU Pont DE Nemours & CoChapter 8: Evonik: Bioeconomy and Biobased Products; Chapter 9: Market Structure and Growth Rates of Industrial Biorenewables; Chapter 10: Goteborg Energi: Vehicle Fuel From Organic Waste; Chapter 11: Greasoline: Biofuels From Non-food Materials and Residues; Chapter 12: Green Applied Solutions: Customized Waste Valorization Solutions |

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for a Sustainable Future: Chapter 13: Grove Advanced Chemicals: Flox® Coagulants - Environmentally Friendly Water and Wastewater Treatment Using Biodegradable Polymers From Renewable Forests Chapter 14: Heliae Development, LLC: An Industrial Approach to Mixotrophy in MicroalgaeChapter 15: InFiQuS: Making the Best of Leftovers: Chapter 16: Biorenewables at Mango Materials: Chapter 17: Novamont: Perspectives on Industrial Biorenewables and Public-Private Needs; Chapter 18: Novozymes: How Novozymes Thinks About Biomass; Chapter 19: Organoclick: Applied Eco-Friendly and Metal-Free Catalysis for Wood and Fiber Modifications Chapter 20: Petrobras: The Concept of Integrated Biorefineries Applied to the Oleochemistry Industry: Rational Utilization of Products and Residues via Catalytic RoutesChapter 21: Phytonix: Cyanobacteria for Biobased Production Using CO2; Chapter 22: Phytowelt Green Technologies: Fermentation Processes and Plant Breeding as Modules for Enhanced Biorefinery Systems; Chapter 23: Biorenewables at Shell: Biofuels; Index; End User License Agreement; 1.1 AkzoNobel's Biobased Raw Materials Strategy in Context; 1.2 AkzoNobel in the Value Chain 1.3 Drivers Behind Development of the Biobased Raw Material Strategy1.4 Conclusions of the Biobased Chemicals Strategy; 1.5 Implementing the Strategy: Striking Partnerships; 1.6 Experience to Date; 1.7 Measuring, Reporting, and Ensuring Sustainable Sourcing of Biomass; 1.8 Book and Claim; 1.9 Sustainability in the Value Chain: LCA; 2.1 Company Introduction; 2.2 History of Pine Chemicals; 2.3 Modern Biorefining; 2.4 The Kraft Pulping Process; 2.5 Cradle-to-Gate; 2.6 Outlook

2.7 Case Study: Tackifiers From Renewable Pine-Based Crude Tall Oil and Crude Sulfate Turpentine for Adhesive Applications