Green, clean and renewable are the hottest keywords for catalysis and industry. This handbook and ready reference is the first to combine the fields of advanced experimentation and catalytic process development for biobased materials in industry. It describes the entire workflow from idea, approach, research, and process development, right up to commercialization. A large part of the book is devoted to the use of advanced technologies and methodologies like high throughput experimentation, as well as reactor and process design models, with a wide selection of real-life examples included at each stage. The contributions are from authors at leading companies and institutes, providing firsthand information and knowledge that is hard to find elsewhere.

This work is aimed at decision makers, engineers and chemists in industry, chemists and engineers working with/on renewables, chemists in the field of catalysis, and chemical engineers.

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