

BIOBASED CHEMICALS AND MATERIALS



STRATEGIC SUSTAINABLE SOLUTIONS



HELPING
TO BUILD A
SUSTAINABLE
FUTURE

For over 35 years, Omni Tech International, has provided technical, commercial, and business consulting services to organizations globally. Our services are provided by **knowledgeable professional consultants** that have **over 500 years of experience** in the chemical industry. Omni Tech is proud to be considered one of the top consulting firms in the critical areas of sustainability and commercialization of renewable/biobased products.

BRINGING RENEWABLE BIOBASED PRODUCTS INTO THE MARKETPLACE

Omni Tech provides the following services to help with your journey to commercialization:



Understanding the market

- Market research and analysis
- Intellectual property landscape
- Competitive analysis
- Business plan development



Meeting customer needs

- Technology attributes and benefits analysis
- Competitive benchmarking
- Market prioritization



Preparing for commercialization

- Product launch strategy
- Applications development
- Pricing/profit analysis
- Value proposition
- Go to market strategy

QUESTIONS TO CONSIDER:

What sustainability challenges does your organization face?

How do you compare to your competition?

Which renewable/biobased materials should be looked at to replace petroleum chemicals?

Can collaboration with a consultant speed up commercialization of renewable/biobased materials?

IMPORTANT FOR SUCCESS

The sustainability trend

Chemicals and plastics derived from renewable/biobased feedstocks are winning a growing place in the market. As companies expand their sustainability efforts to include renewable/biobased materials, they are looking to develop and adopt technologies, and design principles and tools to reduce their impact on the environment, reduce their carbon footprint, eliminate toxicity substances, minimize volatile carbon compounds, and reduce energy consumption. Selective replacement of traditional petroleum chemical products with biobased materials represents a **substantial opportunity** to improve a company's sustainability scorecard and is a win for the environment.

Life-cycle assessment

Life-cycle data can help to validate your sustainability story as you commercialize new products, differentiate your products from your competition, enhance marketing communications, and help you meet customer requirements and challenge regulations.

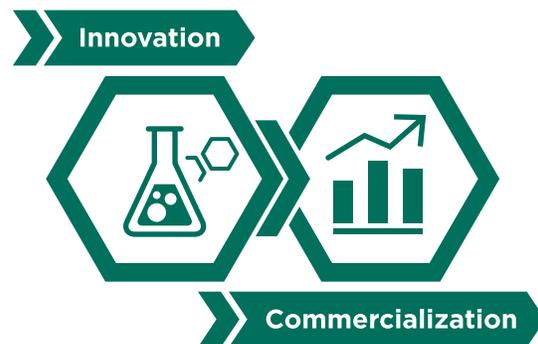
Omni Tech's life cycle and sustainability services include:

- Comprehensive life-cycle assessments
- Carbon footprint measurement and analysis
- Land use change impact
- Complete assessment of air, land, water, and human health impacts
- Economic sensitivity if environmental impacts
- Application of sustainability metrics

NEW BUSINESS DEVELOPMENT

Developing the technology

It starts with an innovative concept. Product characterization, process scale-up, and application development advance the project along the route to commercialization. Critical issues such as regulatory compliance and intellectual property management need to be addressed.



Market success

Market openings can occur with shifts in market or consumer trends, new regulations, the introduction of a new raw material, or gaps created by technological innovation. New product market development success comes at the intersection of market need, product capabilities, and favorable economics in use. Collaboration with the right strategic partners accelerates the journey to commercialization.

WHETHER YOU'RE DEVELOPING A NEW PRODUCT, MOVING INTO A NEW MARKET, OR ARE FACED WITH A NEW OPPORTUNITY...

TALK WITH US.

At Omni Tech, our group of skilled, professional consultants provide services, technology, and vision to the specialty biobased chemicals and materials industries. Our application and technology expertise includes plastics, rubbers, inks, fibers, paint and coatings, adhesives, lubricants, solvents, surfactants, composites and more.



Let us apply our experience, knowledge, and expertise to help meet your next challenge. Contact us.

Omni Tech International
2715 Ashman St.
Midland, MI 48640
info@omnitechintl.com

omnitechintl.com

