

ABOUT AURI

The Agricultural Utilization Research Institute (AURI) is a nonprofit corporation that identifies new, innovative uses for agricultural products through science and technology, while partnering with businesses, farmers and entrepreneurs to bring value-added ideas to reality.



AURI's Biobased facilities include an Analytical Chemistry Lab, a Bioproducts Lab and a Coproducts Lab. Together they help Minnesota businesses take advantage of the growing opportunity to replace petroleum-based ingredients in materials such as plastics, building materials, sealants and more. They accomplish this by offering expertise in process engineering, microbiology, chemistry and business development. AURI's Biobased Team has a wide experience in technology transfer as well as product and process development supported by its various facilities.

Entrepreneurs also have access to AURI's staff expertise in agricultural engineering, business development, biobased science and analytical chemistry, which offers them the opportunity to develop new products and processes in a scientific setting that is not usually available to startup companies.

AURI Services:

- Expert technical assistance
- Applied research
- Product and process development
- Commercialization services

AURI Mission

Foster long-term economic benefit for Minnesota through value-added agricultural products.



Contact AURI by calling **218.281.7600** or visit **auri.org** and complete the online contact form.



BIOBASED FACILITIES

Adding Value at the Speed of Innovation





FACILITIES AND RESOURCES

AURI conducts its Biobased work at its Marshall and Waseca, Minnesota facilities. This lab offers businesses unique access to scientific expertise and resources to advance new ideas or commercializing products. As a result, businesses related to developing Biobased materials can safely and cost-effectively find solutions to technical problems encountered during commercialization.

BIOBASED PRODUCT DEVELOPMENT RESOURCES

- Chromatography
- Spectroscopy
- Small-scale fermentation and digestion
- Extraction and characterization of oils
- Pelletting
- Drying
- Product characterization
- Particle size analysis

LAB EQUIPMENT CAPABILITIES

- Table-top oil press
- Rotary evaporator
- Parr reactors
- Chemical tools for processing
- Distillation and evaporation for process development

HOW AURI CAN HELP YOU

Entrepreneurs and small business owners looking to develop new biobased materials and products benefit from working with AURI by utilizing its facilities and commercialization services. Further, they can safely and cost-effectively find solutions to technical problems encountered during commercialization. Services offered to clients include:

- Access to knowledgeable scientists and project management staff
- Access to laboratory space and equipment
- Analytical laboratory testing
- Product and process development and improvement
- Sourcing materials, equipment and services

Biobased clients and partners may also participate in the organization's AURI Connects Program, which convenes events to actively engage industry representatives, businesses, commodity groups and academics across a range of relevant innovation topics. Its goal is to improve business networks and competitiveness through ongoing, educational, purposeful connection of clients, resources and partners along the value chain.



PROJECT FEES

As a 501(c)3 nonprofit corporation, AURI strives to keep its educational and technical services accessible and affordable for all entrepreneurs, companies and organizations it serves. To that end, AURI uses a tiered scale for client specific project fees, based on annual gross revenue for Minnesota companies.

AURI can also provide educational and technical services to non-Minnesota entities on a fee basis. Please contact AURI for additional details on rates and services.

Finally, AURI provides free educational and informational resources, as well as initial project consultations and referrals to non-AURI resources.

Minnesota Based Company or Organization - Annual Gross Revenue	Percentage of Project Cost Paid by Client
Less than \$250,000	20%
\$250,000 to \$5 Million	33%
\$5 Million to \$100 Million	50%
More than \$100 Million	100%