

BIOWA Board of Directors

BIOWA is a nonprofit organization governed by a nine-member board of directors with representatives from various segments of industry including biobased chemicals, biobased materials, biobased fuels/energy, agricultural production, Iowa's regent institutions, investment banking/venture capital, and environmental/conservation.

Sign up today!

Send your name, address, telephone, e-mail address, and Web site address along with your contribution* (payable to BIOWA) to

BIOWA Development Association
53020 Hitchcock Avenue
Lewis, IA 51544
712-769-2600
www.biowa.us

NAME

STREET ADDRESS

CITY, STATE, ZIP

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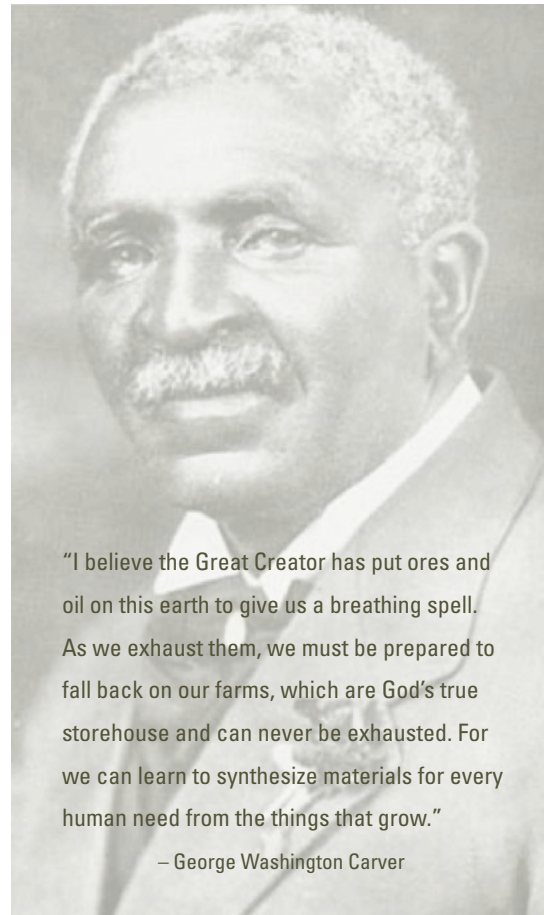
*Donations to BIOWA are not tax deductible as charitable contributions for income tax purposes. However, they may be deductible as ordinary and necessary business expenses.

Learn more

Visit these Web sites:

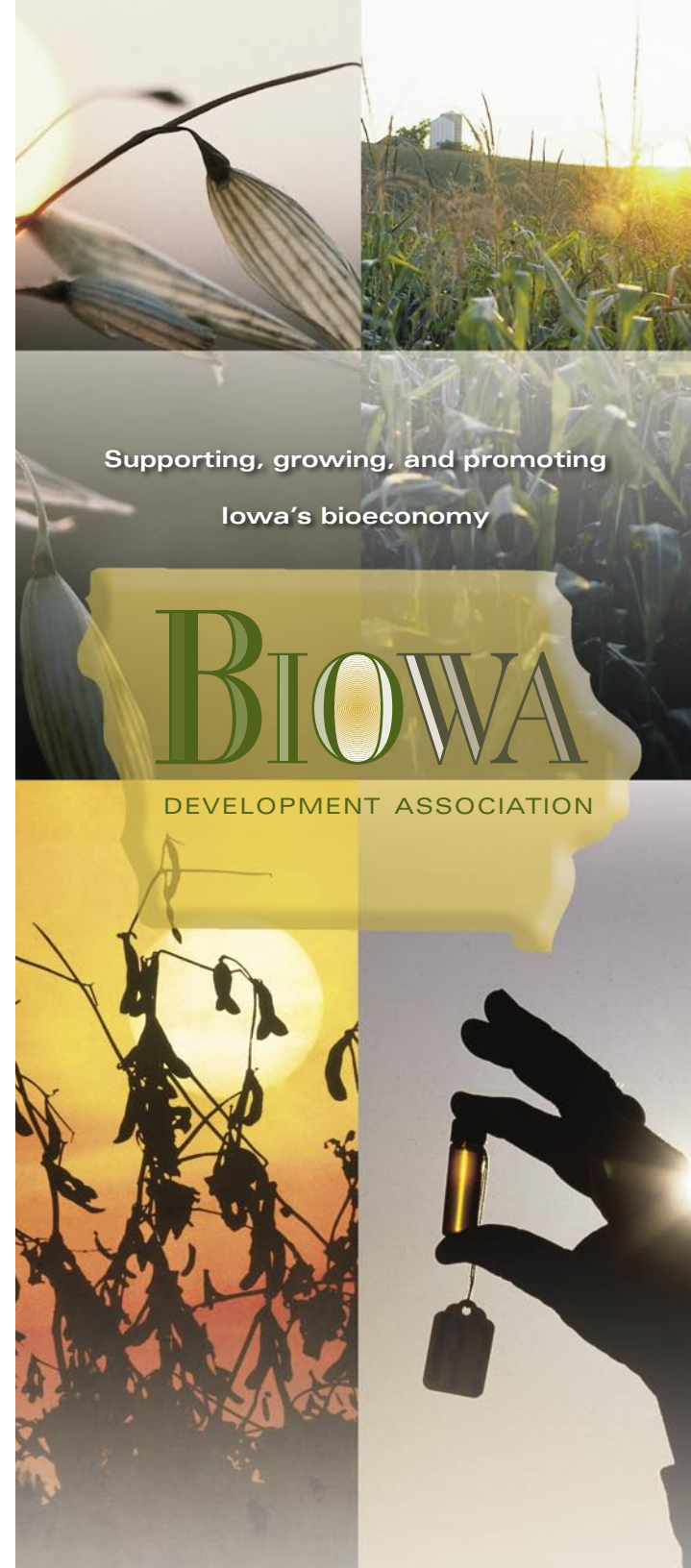
- www.biorenew.iastate.edu
- www.ciras.iastate.edu/bioindustry
- www.iowalifechanging.com
- www.biobased.oce.usda.gov

• **www.biowa.us**



"I believe the Great Creator has put ores and oil on this earth to give us a breathing spell. As we exhaust them, we must be prepared to fall back on our farms, which are God's true storehouse and can never be exhausted. For we can learn to synthesize materials for every human need from the things that grow."

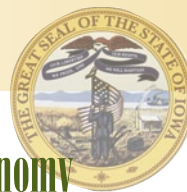
— George Washington Carver



Supporting, growing, and promoting
Iowa's bioeconomy

BIOWA

DEVELOPMENT ASSOCIATION



Support for the bioeconomy

The bioeconomy vision has support from agriculture, industry, academia, the environmental and conservation community, and government, including Iowa Governor Thomas Vilsack.

“Iowa is a natural fit for the bioeconomy.”

– Brad Petersburg, Vice President, BIOWA

Bioeconomy

An economy where the basic building blocks for industry and the raw materials for energy are derived from plant-based (renewable) sources.

BIOWA Development Association

BIOWA facilitates collaboration between agricultural producers, scientists, entrepreneurs, and government that leads to the production and manufacturing of biobased products that satisfy market demands.



Iowa Statehouse, June 2003

Iowa’s wealth of human, natural, and plant-based resources has the potential to generate an economic renaissance of unprecedented proportions. Iowa can lead the nation in making the transition to a bioeconomy and reap the economic, environmental, and social benefits.

Benefits of a bioeconomy

- Reduce dependence on petroleum
- Rely on domestic, renewable resources
- Improve environmental quality
- Slow climate change
- Increase rural economic development

BIOWA goals

- Develop at least ten regional biorefineries in Iowa by 2020
- Build at least five new biobusinesses, or major expansions of existing biobusinesses, each year
- In addition to employment, provide investment opportunities for Iowans in biorefineries and biobased businesses

BIOWA services

- **Resources**
helping biobased industry find resources—new technologies, capital, and other expertise
- **Collaboration**
building relationships among stakeholders—agricultural producers, local communities, private industry, state and federal government
- **Promotion**
enhancing the understanding of, and support for, Iowa’s biobased businesses

“This is about reshaping a state, a nation, and a world.”

– Tom Vilsack, Iowa Governor

Biorefinery

A cluster of biobased industries producing chemicals, fuels, power, products, and materials

Impact of 10 biorefineries

- Create 22,000 jobs
- Generate \$11.6 billion in economic impact/year
- Boost Iowa tax creation by \$367 million/year

From the Institute for Decision Making, University of Northern Iowa

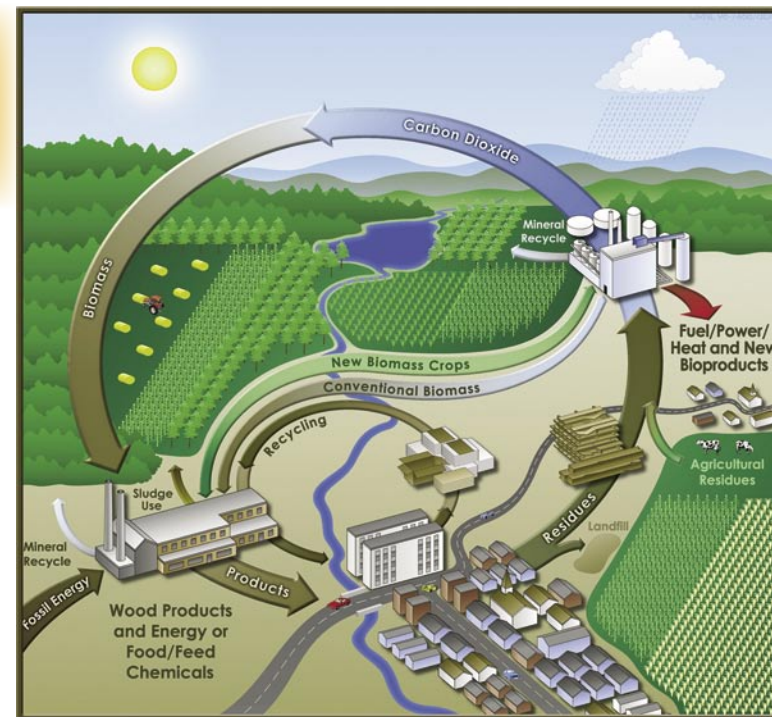


Image courtesy of Oak Ridge National Laboratory