



Bioenergy Technologies Office Key Publications

The following key publications are issued by the U.S. Department of Energy’s Bioenergy Technologies Office. They can be found with a complete collection of bioenergy publications at energy.gov/eere/bioenergy/key-publications.

Office Overview Resources

PUBLICATION TITLE	PUBLICATION DATE
Bioenergy Technologies Office Walkthrough Presentation	July 2014
Accomplishments Fact Sheet: Bioenergy Technologies Office Successes of 2014	March 2015
Bioenergy Technologies Office Multi-Year Program Plan	March 2015
Replacing the Whole Barrel: To Reduce U.S. Dependence on Oil	July 2013
Growing America’s Energy Future Office Overview	June 2013

Budget and Investment Resources

PUBLICATION TITLE	PUBLICATION DATE
Bioenergy Technologies Office FY 2015 Budget-at-a-Glance	March 2014
FY 2015 Congressional Budget Request (pp. 53–71)	March 2014
American Recovery and Reinvestment Act: Bioenergy Technologies Office Investments	June 2012
2013 Peer Review Report	February 2014

Technology Area Fact Sheets & Reports

The Bioenergy Technologies Office funds research and development (R&D) for different technology areas and crosscutting elements across the biofuel supply chain. Fact sheets are available below for the following technology areas and for other initiatives.

	PUBLICATION TITLE	PUBLICATION DATE
Terrestrial Feedstocks R&D	Feedstock Supply and Logistics: Biomass as a Commodity	July 2014
	U.S. Billion-Ton Update: Biomass Supply for a Bioenergy and Bioproducts Industry	August 2011
Algal Feedstocks R&D	Algal Biofuels: Long-Term Energy Benefits Drive U.S. Research	September 2014
	National Algal Biofuels Technology Roadmap	May 2010
Conversion R&D	Biochemical Conversion: Using Enzymes, Microbes, and Catalysts to Make Fuels and Chemicals	July 2013
	Thermochemical Conversion: Using Heat and Catalysis to Make Biofuels and Bioproducts	July 2013
Demonstration & Market Transformation	Integrated Biorefineries: Reducing Investment Risk in Novel Technology	April 2014
Sustainability & Strategic Analysis	Our Commitment to Bioenergy Sustainability	June 2015
	Bioenergy Knowledge Discovery Framework	July 2013
Other	Bioindustry Creates Green Jobs	May 2015

Conversion Pathway Fact Sheets

Following its successful demonstration of cost-competitive cellulosic ethanol, the Office selected eight priority pathways to guide its near-term research and development strategy for hydrocarbon biofuels. These pathways cover thermochemical, biochemical, and algal conversion technologies. The following fact sheets were released in November 2012.

PUBLICATION TITLE	
Bioenergy Technologies Office Conversion Pathways (Overview)	
Biological Conversion of Sugars to Hydrocarbons	Fast Pyrolysis and Hydroprocessing
Catalytic Upgrading of Sugars to Hydrocarbons	Whole Algae Hydrothermal Liquefaction
Ex-Situ Catalytic Fast Pyrolysis	Algal Lipid Upgrading
In-Situ Catalytic Fast Pyrolysis	Syngas Upgrading to Hydrocarbon Fuels

See these and all publications from the U.S. Department of Energy's Bioenergy Technologies Office at energy.gov/eere/bioenergy/key-publications. ■

