

4 Fast Facts About BIOMASS

1

Versatility

Biomass can be used to produce renewable fuels, power, and everyday products like plastic.



2

Value for Wastes

There is significant potential to turn wastes such as plant material left over after harvest, sewage sludge, and the organic portion of garbage into bioenergy. Diverting these resources to produce energy and products provides value for otherwise problematic waste streams.



3

Economic Impact

Biobased activities have already generated more than \$48 billion in revenue and 285,000 jobs. Estimates show that continuing to develop biomass resources could expand these impacts.¹

Generate up to
50 billion
gallons
of biofuels



Produce
50 billion
pounds
of biobased
chemicals
& products



Add
1.1 million jobs
across a variety
of key sectors
(e.g., agriculture
and manufacturing)

Contribute
\$260 billion
to the U.S.
economy

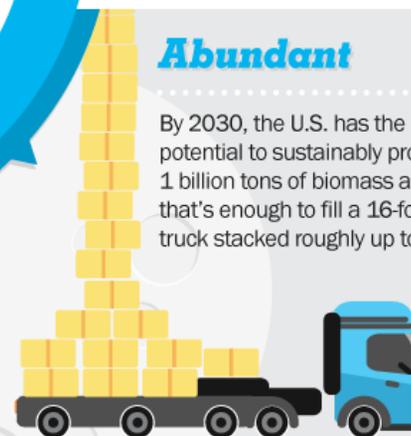


BIOMASS

4

Abundant

By 2030, the U.S. has the potential to sustainably produce 1 billion tons of biomass annually—that's enough to fill a 16-foot flatbed truck stacked roughly up to the moon!²



¹ J. N. Rogers, B. Stokes, J. Dunn, H. Cai, M. Wu, Z. Haq, and H. Baumes, "An Assessment of the Potential Products and Economic and Environmental Impacts Resulting from a Billion Ton Bioeconomy," *Biofuels, Bioproducts, and Biorefining* 11, no. 1 (2017): 110-128, doi:10.1002/bbb.1728.

² U.S. Department of Energy, 2016 Billion-Ton Report: Advancing Domestic Resources for a Thriving Bioeconomy, Volume 1: Economic Availability of Feedstocks, M. H. Langholtz, B. J. Stokes, and L. M. Eaton (Leads) (Oak Ridge, TN: Oak Ridge National Laboratory, 2016), ORNL/TM-2016/160, <http://energy.gov/eere/bioenergy/2016-billion-ton-report>.