

# BIOENERGY IMPACTS

Plants are replacing petrochemicals in plastics and products

Bioenergy Technologies Office funding has helped to develop and commercialize bio-based chemicals that can replace petroleum and other fossil fuels in every-day products. Nearly 12% of every barrel of crude oil is used to make products ranging from everyday plastics to specialty chemicals. The development of renewable, plant-based alternatives will help reduce U.S. dependence on foreign oil.

To learn more, visit [bioenergy.energy.gov](https://bioenergy.energy.gov).



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