

THE U.S. DEPARTMENT OF ENERGY'S BIOENERGY PROGRAM: GROWING A BILLION TON BIOECONOMY

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The Bioenergy Technologies Office is one of the ten technology development offices within the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy. The Bioenergy Technologies Office's mission is to develop and transform our renewable biomass resources into commercially viable, high-performance biofuels, bioproducts, and biopower through targeted research, development, and demonstration, supported through public and private partnerships. Dr. Alison Goss Eng will provide an overview of how the Office is working to enable sustainable, nationwide production of biofuels that are compatible with today's transportation infrastructure, can reduce greenhouse gas emissions relative to petroleum-derived fuels, and can displace a share of petroleum-derived fuels to reduce U.S. dependence on foreign oil, while encouraging the creation of a new domestic bioeconomy. This presentation will also describe how education and workforce development are helping to grow that bioeconomy. Highlighted will be recent collaborations, as well as successes from the government funded project portfolio.