

## Biomass Energy: A Sustainable Solution for the Future

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## Abstract

Biomass energy is an increasingly viable alternative to fossil fuels, derived from organic materials such as plant matter, agricultural residues, and waste. As a renewable resource, biomass of ers signifcant advantages, including carbon neutrality, waste reduction, and enhanced energy security. This article explores the various types of biomass, highlighting its potential benefts and the challenges it faces, such as land use, air quality concerns, and economic

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