

# Someone's Trash is Another One's Biomass Energy

By Emily Tran

Would you believe me if I said that by building a camp fire, you're creating biomass energy? Well, believe it! What is this "biomass" thing? **Biomass** energy, or **bioenergy** for short, is a form of renewable energy that is made from the energy stored in plant, manure and other carbon-based materials. Biomass is a renewable energy because the resources needed to create it will not run out! The sun will supply plants with energy for millions of years to come and humans and animals will always make waste. Biomass is one of the most commonly used, and therefore one of the most important types of energy. It is environmentally friendly, too!



Agricultural biomass, biomass created from animal and plant waste, and forest biomass, are three types of biomass energy. The first, **agricultural biomass**, results from the burning of crops such as stalks, branches, leaves, and straws. The second, which comes from plant or animal waste, is another cool way to create bioenergy. Waste, and manure, from poultry, pigs, and other types of animals is collected for this purpose. Things such as food scraps, lawn clippings, and leaves are kinds of waste. The third, **forest biomass**, is the type of biomass you create when you build a camp fire. It is produced from firewood and from leftovers from wood industries.

From recycling pig poop to making a camp fire, biomass energy is one of the most diverse types of renewable energy out there. It takes things that you may think are completely useless, like animal waste, and create something that our world may run on in the future!