

# Types of Biofuels

---

Depending on the technique and part of the cells used, Algae, like fossil fuels can be converted into various types of fuels. This table gives an overview and comparison of current types of biofuels produced from algae biofuel manufacturers.

<b>Biofuel</b>	<b>Fossil fuel</b>	<b>Uses</b>	<b>Differences</b>
<b>Biodiesel</b>	Diesel	Transport fuel	The most common biofuel. Burns cleaner than diesel. Produces less particulate and sulphur compounds. Has slightly less energy content and requires modification of engines.
<b>Bioethanol</b>	Gasoline/Ethanol	Transport fuel	Ethanol burns cleaner than gasoline producing less carbon monoxide. However it does produce more ozone (O <sub>3</sub> ), has about half the energy content of gasoline and requires a modified engine.
<b>Methanol/ Methane</b>	Methane	Generating electricity	Is a liquid form of methane, which can be transported easily. However has about a third of the energy content of methane.
<b>Biobutanol (SolAlgal fuel)</b>	Gasoline/Butane	Transport fuel	Has an energy density 10% less than gasoline and can be used instead of gasoline with no modification.
<b>Jet Fuel</b>	Jet fuel	Aviation fuel	Jet fuel prices are extremely expensive. Bio jet fuel will provide a cleaner and possibly cheaper alternative.

