

# WHAT ARE BIOFUELS?

**BIOFUEL**- n. solid, liquid, or gaseous fuels made from biomass



ex: wood



ex: ethanol

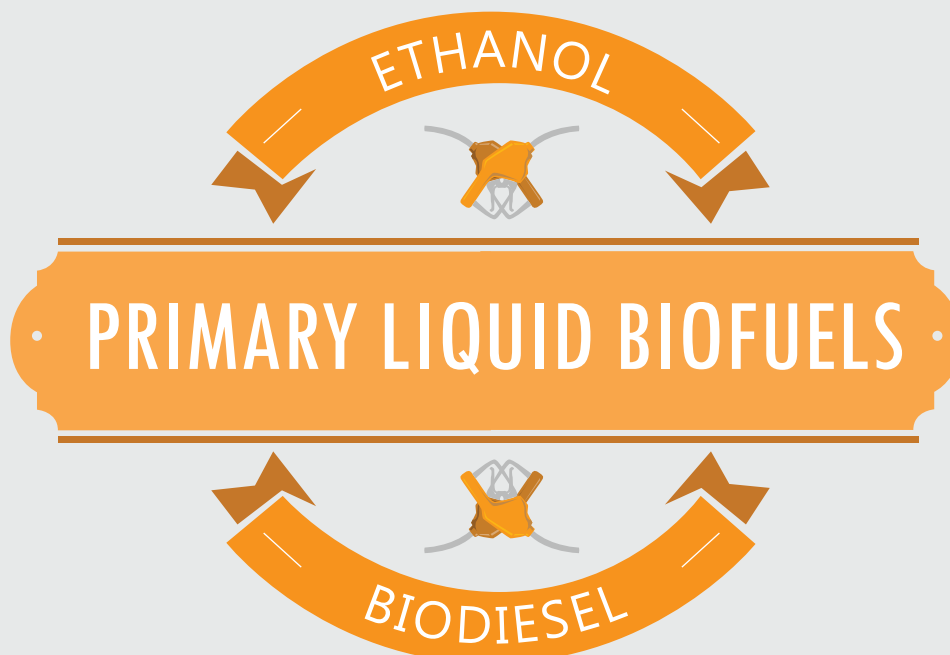


ex: methane

**BIOMASS**- n. material of biological origin excluding those embedded in geological formations and those transformed to fossil



Ethanol is a renewable fuel for automobiles with internal combustion engines. It is generally made from plant matter.



Biodiesel is a renewable fuel for trucks and other automobiles with Diesel engines. It is generally made from plant or animal oil.

## CONVENTIONAL BIOFUELS

VS.

## ADVANCED BIOFUELS



Soy

Made from sugars & oils in arable crops



Corn



Canola



Wheat



Energy crops on marginal land

Made with non-food materials



Forest & agricultural residues



Municipal solid waste



Inedible oil

Established & used commercially

Potential food security & environmental issues

In research & development

Sustainable use of land & resources

Consulting researcher: Dr. Joann Whalen (McGill University)  
Review our other fact sheets for more information or visit [www.biofuelnet.ca](http://www.biofuelnet.ca)