

What is Bioenergy?

Bioenergy is a form of renewable energy derived from biomass to generate heat, electricity, renewable products and liquid fuels for transportation.

Made From



Woody Biomass



Grasses



Crop Wastes



Solid Waste



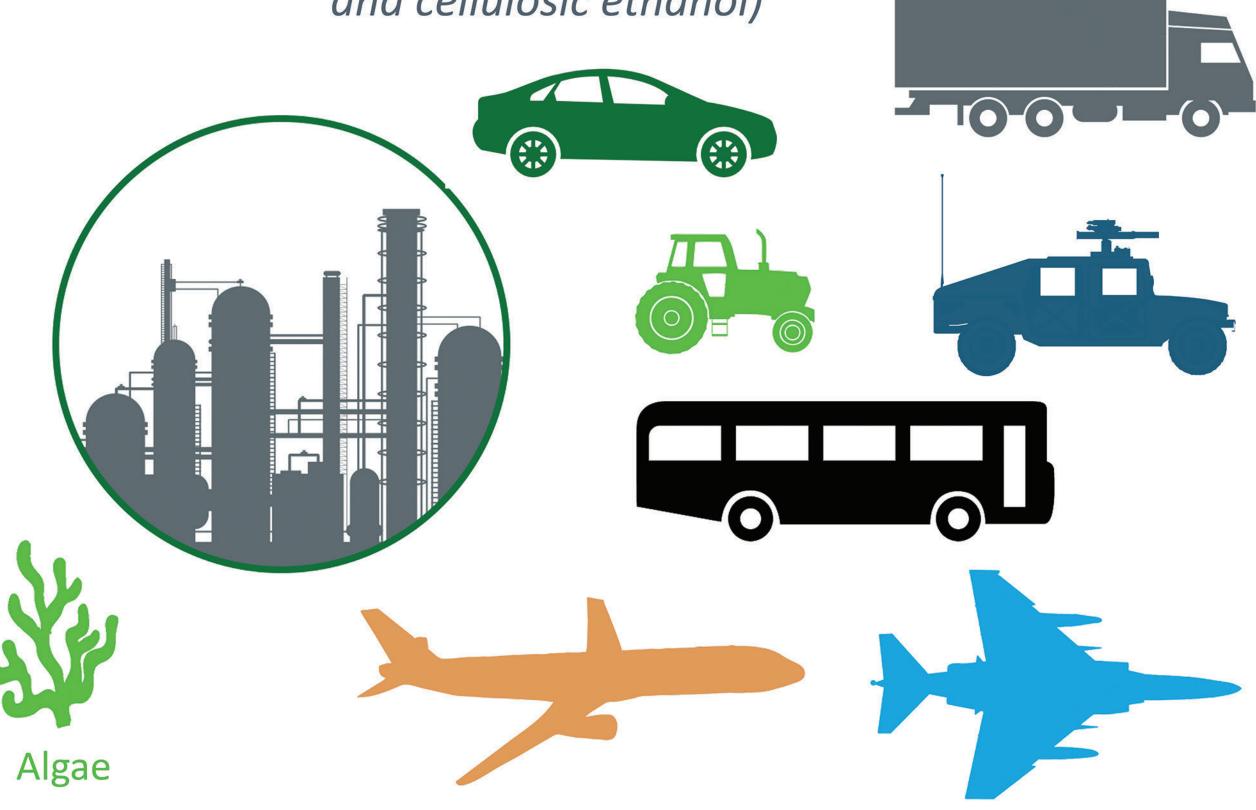
Waste CO₂



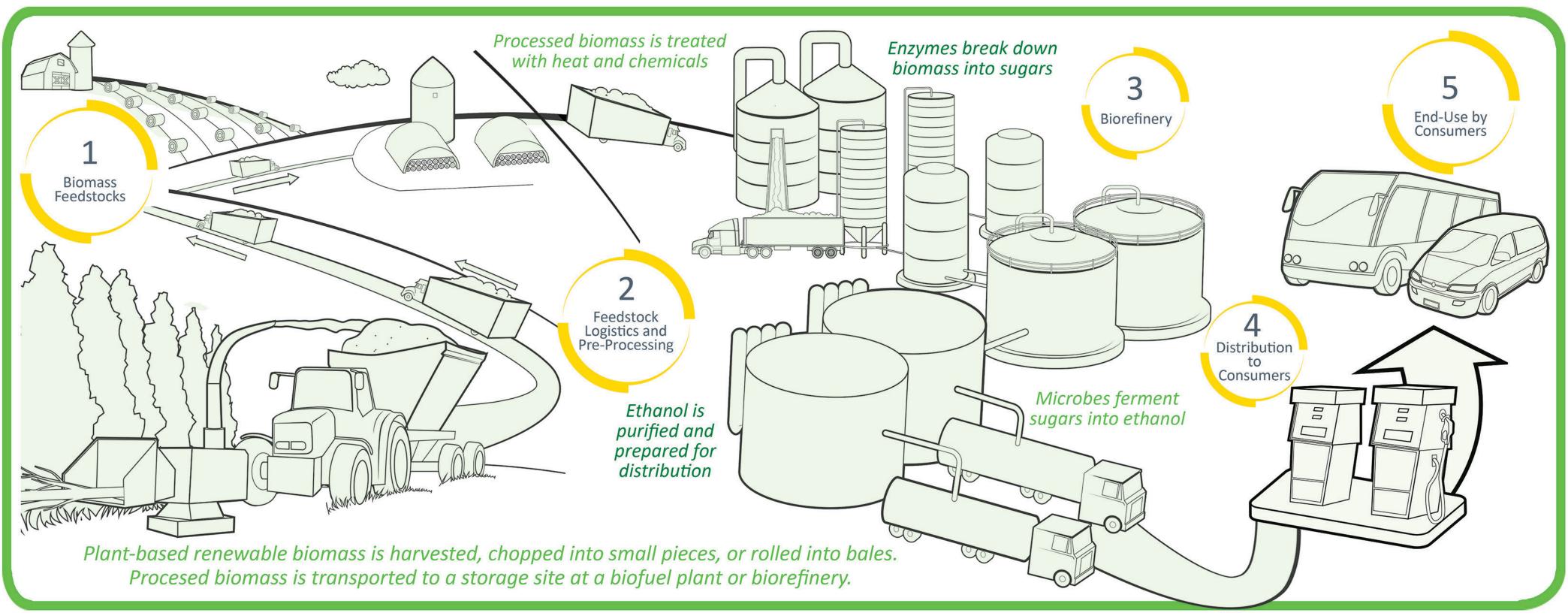
Wastewater (Biosolids)

For Use In

Today's vehicles and infrastructure (Fuels: renewable gasoline, diesel, and jet fuel, and cellulosic ethanol)



Biofuel: From Field to Fuel Pump



Waste Usage=Abundant Food and Fuel

Many wastes can be sustainably made into fuels, averting competition with food crops



Farm Income



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Healthy Forests



Use of crop wastes gives farmers an additional income stream from the same acreage.



Soil Quality



Removing *excess* post-harvest waste helps maintain soil health while reducing emissions.

Collection of forest residue can increase biodiversity and improve forest health.



Using the organic, non-recyclable portion of assorted municipal solid waste transforms the waste into a resource.