Bioenergy Conversion

With the development of the science, biomass conversion also transformed to more modern type. Now we know two type of biomass, traditional and modern. Traditional biomass like we all know is firewood while the modern biomasses are bioethanol, biodiesel, pure plant oil (PPO), straight vegetable oil (SVO), burning oil, and biogas. It is called modern biomass because to get it we need to do processing first. To get biodiesel, we need to do esterification/transesterification to crude jatropha oil (CJO) for example. Biomass conversion to modern biomass and some bioenergy can be seen on picture below.

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