



Many people say that biodiesel is the organic environmental source of energy that has the most potential to become a reality today. That means that many people believe that biodiesel is the most likely to become profitable. It is possible to produce biodiesel in many ways, like from vegetable oil and animal fat. It can be said that all of the biodiesel is produced from fat because oil is fat in a liquid form in room temperature. That is why biodiesel is a recycled source of energy.

Biodiesel releases less greenhouse gases than the usual mineral diesel oil. It is still being debated that it increases release of nitric oxide. Biodiesel degrades easily in nature. When biodiesel is used on cars, sometimes it is used in a certain proportion with normal oil. One of the things that make's biodiesel unlike normal oil is that it lubricates the engine better.

Rape is an energy plant that can produce biodiesel. These kinds of seeds are very rich of oil. Rape oil is used in food oil, various industries and in fuel. The seed is pressed and the oil comes out complete. For food oil it only requires to filter the oil but for machine use the glycerol must be eliminated with methanol.

In our county the farmers in cooperation with our community and the agriculture school have started an experiment to explore how realistic the chances are to grow rape in our county because we live in one of the most Northern regions. Rape contains really high protein and that is why it is such an advantage. And that is the reason why it can be used in feeding animals.



[Presentation about biofuel held by the Islamic students association of the University of Cologne](#)