

## IBAT Asia Co., Ltd. Alternative Technologies

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# Decentralized Biodiesel Systems

Production of diesel fuel from fresh and used vegetable oils  
15,000 – 90,000 Liter / day or 5,000 – 30,000 t / year



*Biodiesel plant in Germany (5,000 t/a capacity)*

In the last 15 years, biodiesel has constantly emerged in some countries from pure research and laboratory systems to full scale industrial installations. In particular, Europe and North-America were and still are leading this development. Therefore, it is not surprising that biodiesel is a real success story in Germany. No other country offers more experiences in the overall biodiesel business (technology, marketing, legislation). Together with our technology partner RHB Berlin, we offer a decentralised, modular biodiesel system with capacities from 5,000 t/a up to 30,000 t/a. The system is highly flexible as it can use different kinds of input materials (fresh and used vegetable oils) to produce high-quality biodiesel (European Norm ).



IBAT Asia Co., Ltd. is a Thailand based company which is specialized in technology transfer, consulting and engineering in the fields of environmental technology and renewable energy like organic farming, biodiesel, biogas for municipals or private persons. The high quality of our products is guaranteed to import and to adapt equipment for Thailand from experienced German and other European companies.



*Inside view of biodiesel system (5,000 t/a)*

For Thailand this system is very suitable because:

- It is highly effective
- Production of biofuel
- Highly flexible system
- Easy operation and low maintenance requirements
- Reduction of CO<sub>2</sub> and soot emissions
- Safeguarding of natural resources