



## PPM

Pilot  
Pflanzenöltechnologie  
Magdeburg e.V.

Vegetable oils and fats are used as transportation fuels in a variety of forms, including pure oils for specially configured engines, biodiesel, and feedstock to be processed into diesel fuel (hydrotreating).

We develop and optimise the complete processing chain for particular cases from feedstock selection through to verifying that the fuel conforms to the required standards.

### Feedstock

- Alternative feedstock sources (FFA-rich materials, Jatropha, micro algae, ...)
- Optimisation of feedstock blends

### Process development and optimisation

- Oil extraction
- Pre-treatment of alternative feedstock
- Transesterification (chemical, enzymatic)
- Purification of plant-derived oil fuel and biodiesel
- Use of by-products

### Additives

- Evaluation of additives
- Optimisation of additive blends
- Development of new additives

### Storage of seeds, oils and biodiesel

### Quality management

## OUR SERVICES

- Contract research
- Laboratory and pilot scale processing
- Sample production
- Studies
- Training and further education

### Contact

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