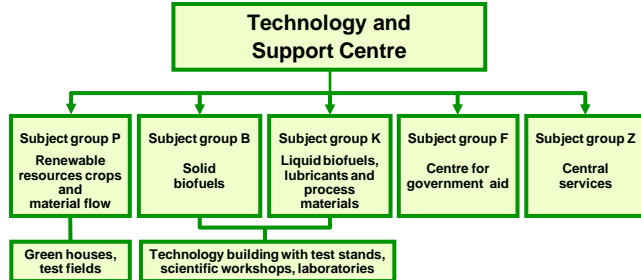


Technology and Support Centre

Applied Research
Development and Testing
Process Evaluation
Financial Support
Knowledge Transfer

The Technology and Support Centre (TFZ) features green houses, agricultural test fields and a technology building with test stands, scientific workshops and laboratories.



In the area of research and financial support we closely collaborate with our two partner organisations in the Centre of Excellence for Renewable Resources (Kompetenzzentrum für Nachwachsende Rohstoffe), the Science Centre Straubing and C.A.R.M.E.N. e. V..
(www.konaro.bayern.de)



Renewable resources crops and material flow

research

- Cultivation methods for new energy and raw material crops
- Searching for new energy and raw materials crops
- Cultivar-screening and development of production techniques for *Sorghum*
- Selection of *Sorghum* concerning low temperature and drought tolerance
- Development of crop rotation systems adapted to location
- Long-term investigations and research in *Miscanthus*
- Balancing the sustainability of material flows, above all digestate manuring



Solid biofuels

research

- Methods for harvesting, pre-treatment and compressing of solid biofuels
- Test methods to evaluate solid biofuels and emissions
- Quality assurance and standardisation of solid biofuels and test methods
- Determination of effects on emission characteristics of furnaces
- Technical improvement and emission reduction of furnaces
- Research on secondary flue gas treatment technology
- Market and economical studies



Liquid biofuels, lubricants and process materials

research

- Methods for the production of biofuels
- Development of testing methods and standardisation
- Quality assurance and quality improvement
- Operation and emission behaviour of vegetable oil fuelled engines
- Production of ethanol from sugar-containing *Sorghum* species
- Practicability and environmental impact of lubricants and process materials
- Process comparison and process evaluation



Centre for government aid

To contribute to the protection of climate, to the protection of resources and for the advancement of regional industry, the TFZ gives financial support to sustainable projects, e.g. new biomass combustion plants in Bavaria.

To stimulate new technologies, subsidies are given to projects for demonstration as well as to promising research and development projects in the area of renewable resources.



Information
Consulting
Application
Consent of Projects

Knowledge transfer

Scientific series „Berichte aus dem TFZ“

Informative literature and handouts

Training and Exhibition Centre (SAZ)

- Seminar „Heating with biomass“ and exhibition „Biomass furnaces“
- Exhibition „Regrowing resources – From plant to utilisation“ (co-operation with C.A.R.M.E.N. e.V.)



Internet

All publications, event details and comprehensive information are available for free at:

www.tfz.bayern.de

Contact

How to find us

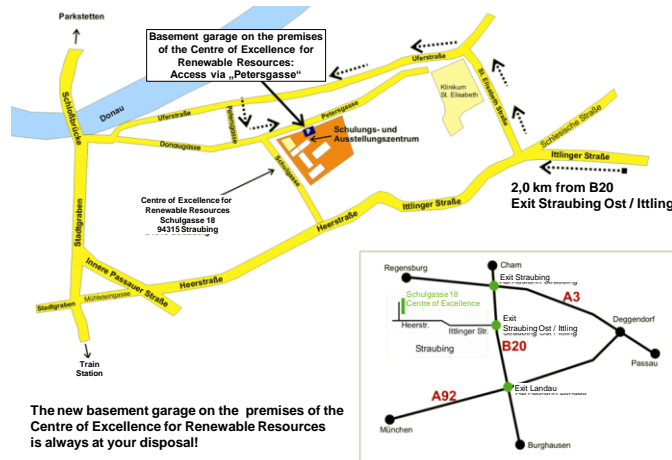
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Technologie- und Förderzentrum
im Kompetenzzentrum für Nachhaltige Rohstoffe



Technology and Support Centre

in the Centre of Excellence for Renewable Resources

Renewable Resources

Research

Financial Support

Knowledge Transfer



TFZ

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in Bavaria“
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