

 HBLFA Francisco Josephinum  
Wieselburg

Institution of the Federal Ministry  
for Sustainability and Tourism



## HBLFA Francisco Josephinum

Education / School

Research & Testing

LMTZ



BLT



JR



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800 Students in 4 Faculties:

- Agriculture
- Agricultural Engineering
- Food Technology and Biotechnology
- Agriculture and Digitalisation (NEW since 2019)

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## Faculties



Agriculture, 5 and 3 years

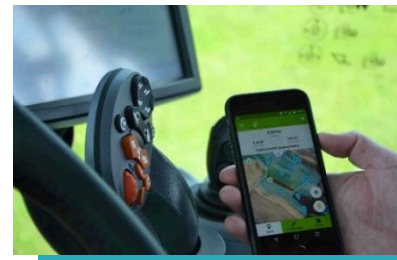


Agricultural Engineering, 5 years



Food Technology and Biotechnology, 5 years

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Agriculture and Digitalisation, 5 years

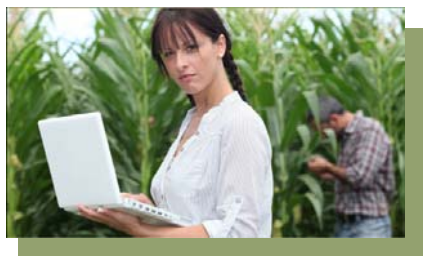
**NEW** since 2019

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## Tertiary Education

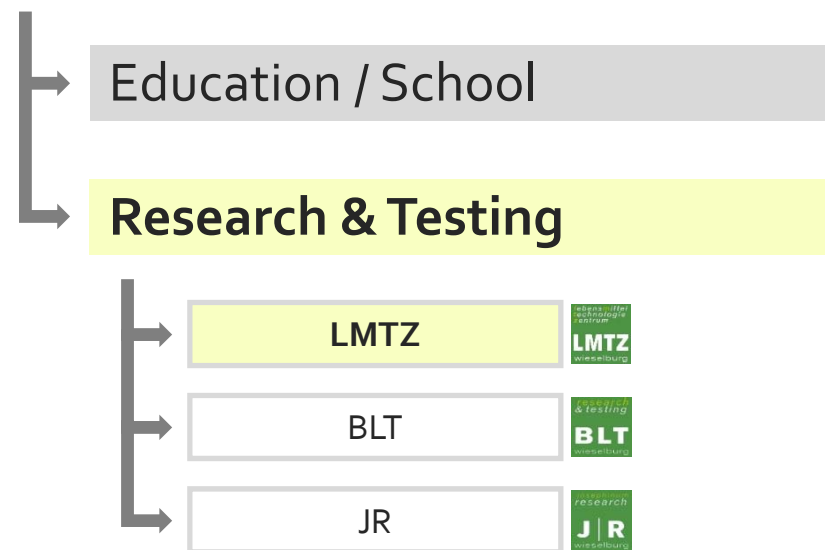


**Agricultural Technology, Bachelor**  
FH study course BSc,  
in cooperation with FH Wr. Neustadt



**ATM – Agricultural and Technological Management, MSc**  
Master study course, extra-occupational, with costs,  
in cooperation with Academy for Future Mostviertel

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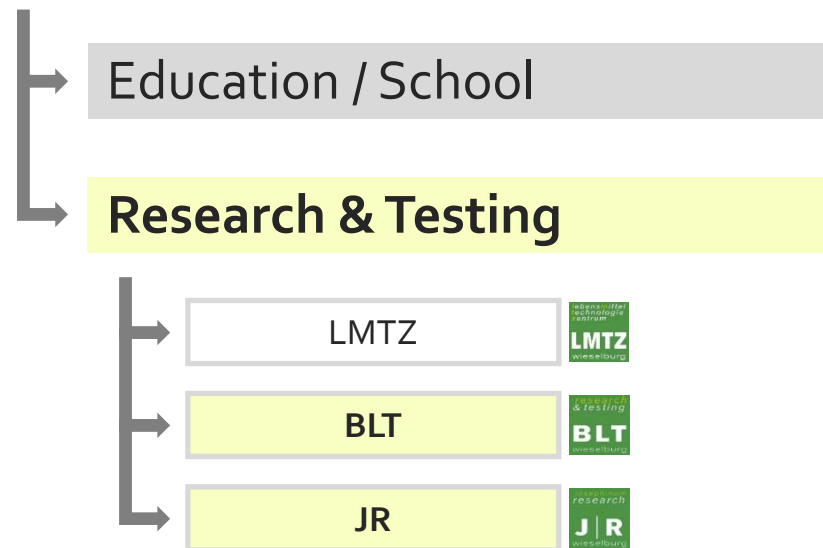


## Competence Centre for Food Technology - LMTZ

- **Practical Education for students in Food Technology and Biotechnology**
- **Research and development for customers**  
for example: development of new and innovative foodstuff and food ingredients
- **Seminars and workshops**  
for example: basic and special seminars for direct marketers of dairy products
- **Sensory evaluation and rheology**  
for example: sensory evaluation seminars relating to different product groups
- **Consulting**  
for example: direct marketing of milk products and hygiene, food law, cleaning and disinfection, .....



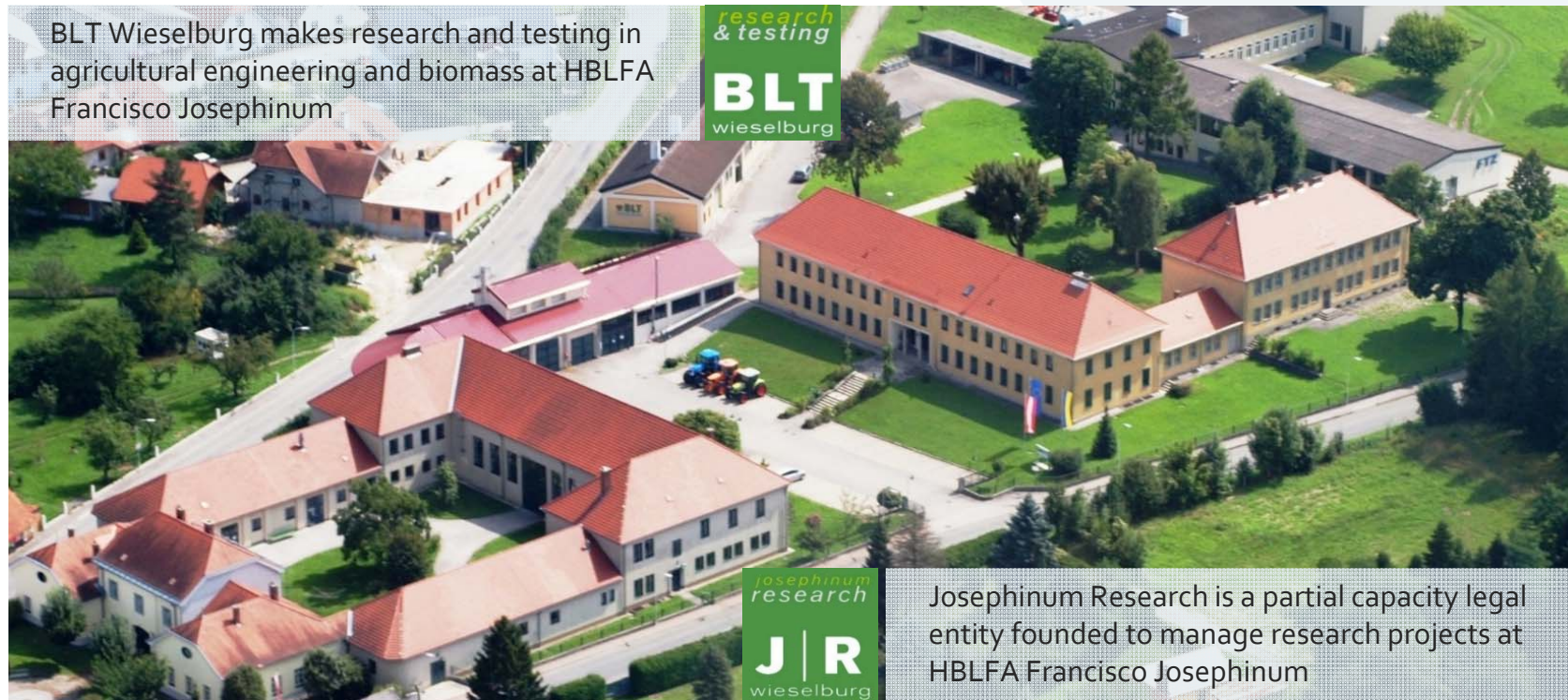
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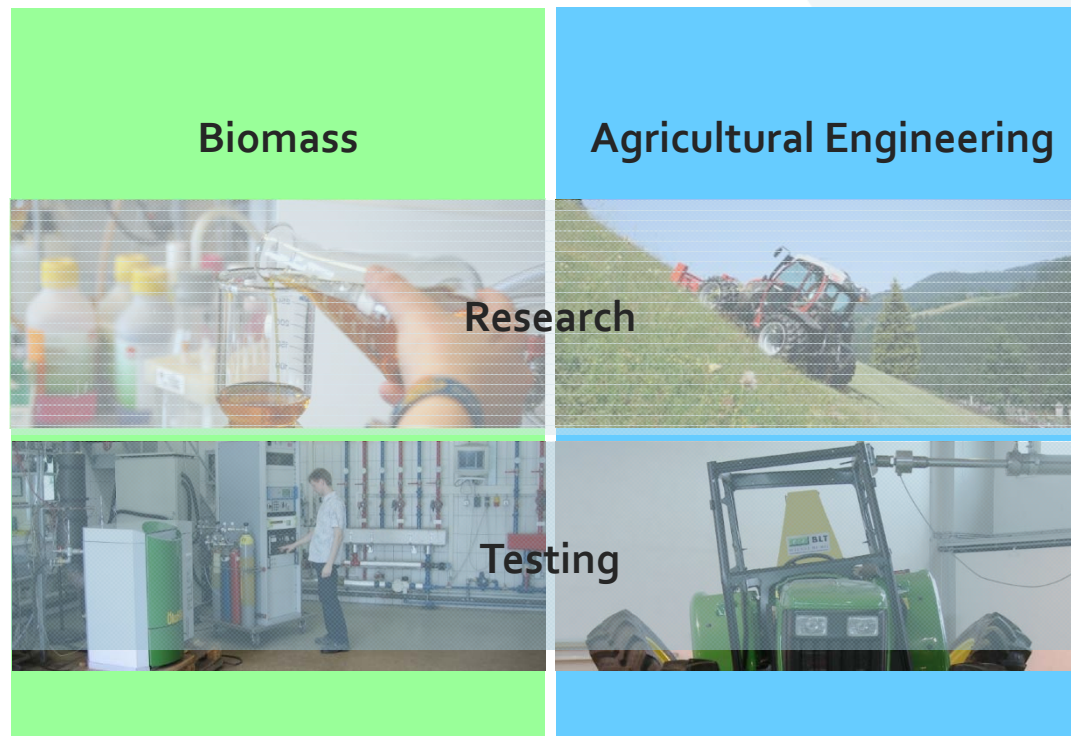


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## Task area

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## Research in Biomass

- Quality properties and potentials of agricultural raw materials
- Biomass logistics and cost analyses
- Analyses of production processes and application of biofuels
- Investigation of solid and liquid biofuels for heat and power application
- Research in the field of stabil isotope analytics



## Testing in Biomass

- Accredited type tests of biomass furnaces
- Liquid and solid fuel analytics in the accredited laboratory
- Proof of evidence of wine, wood and food with stabil isotope analytics
- National and international standardization



## Research in Agricultural Engineering

- Investigations in agricultural process engineering
- Energy and resource efficiency
- Logistics
- Research and testing of machines for hillside farming
- Soil and plant sensor technology
- Agro mechatronics
- Precision Agriculture, Data Management



## Testing in Agricultural Engineering

- OECD test station for tractors
- Accredited protective structure tests (ROPS, FOPS, OPS, seat belt anchorage,...)
- Power and emission tests on test bench
- Tests of tracking force, lifting force,...
- Tests for type approval of tractors
- Standardized vibration test procedures





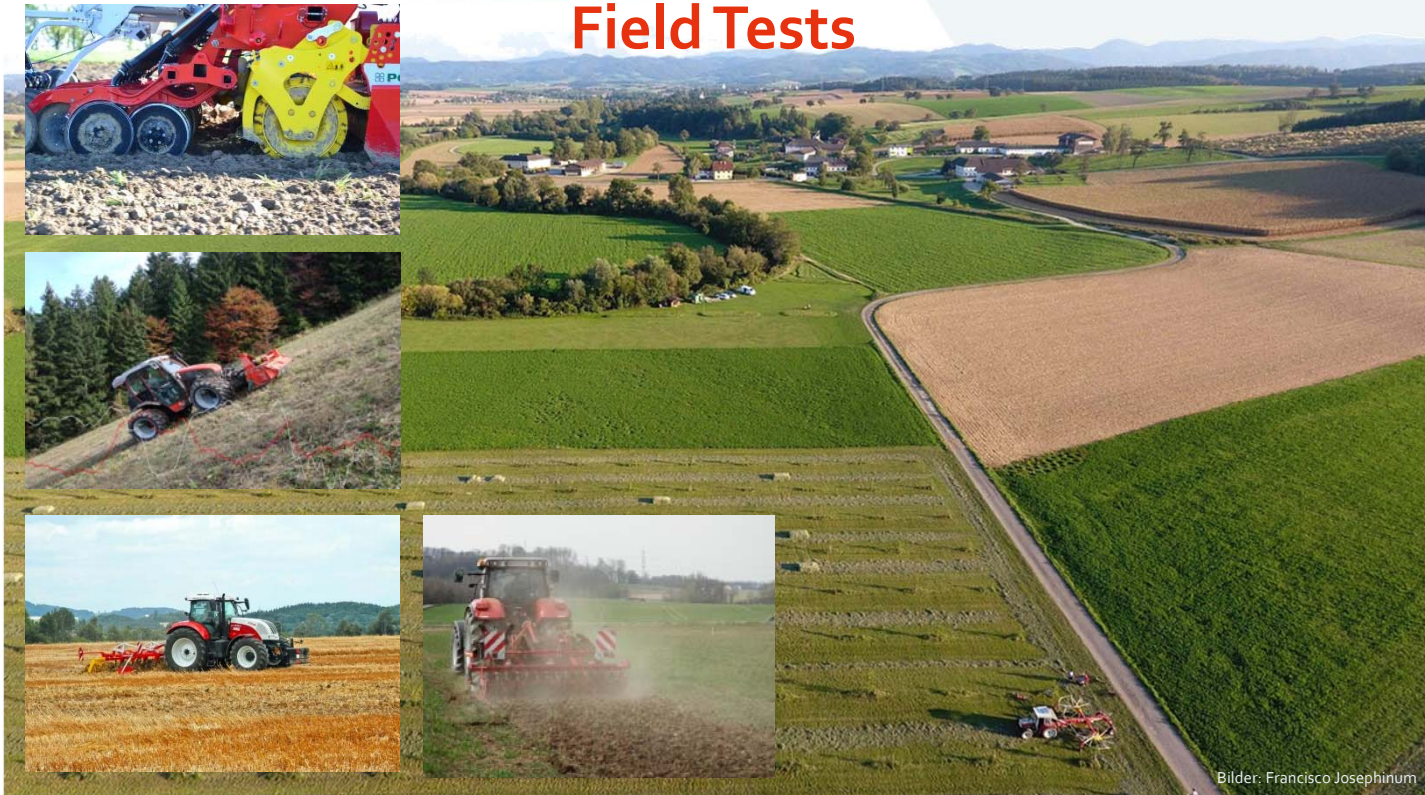
## Precision Farming



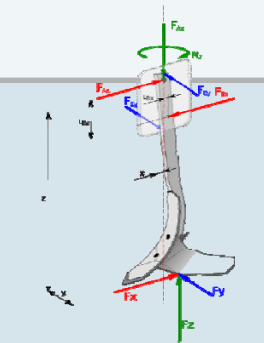
Bilder: Francisco Josephinum



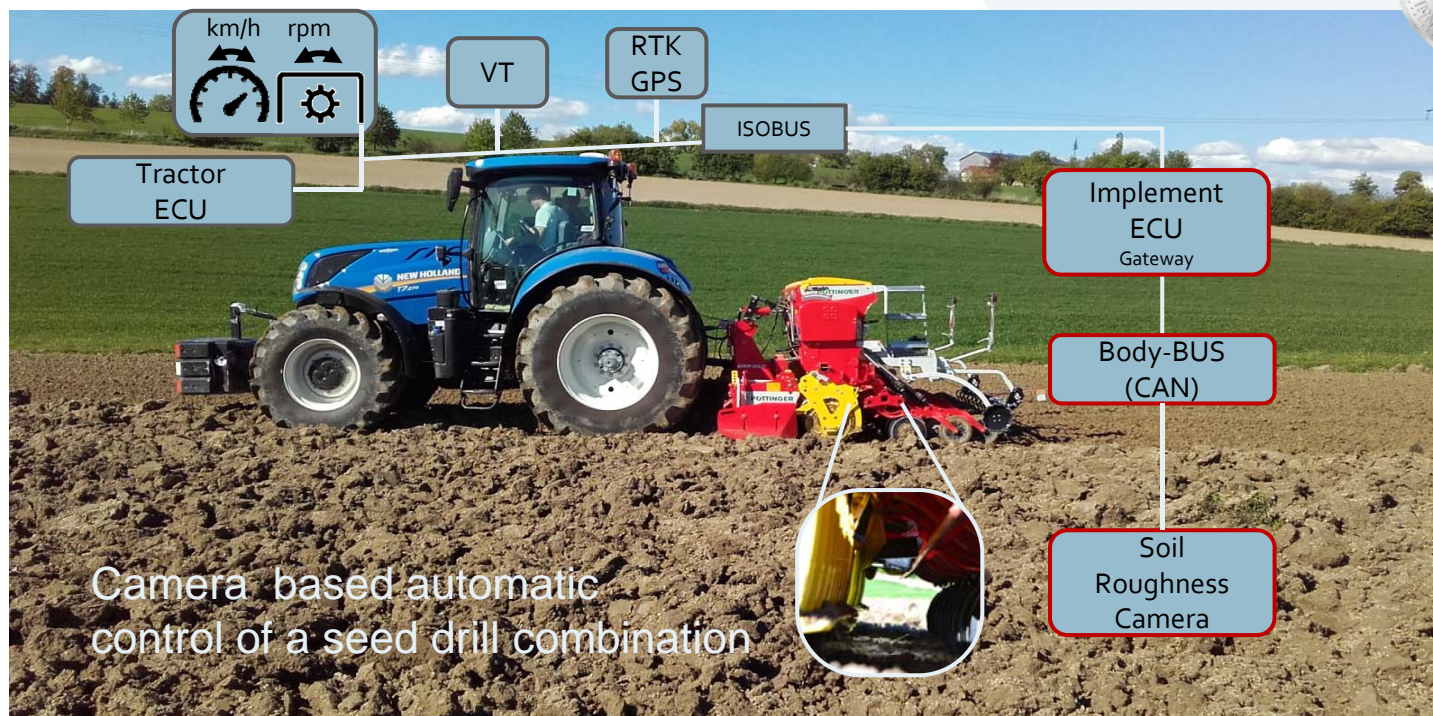
## Field Tests



## Soil Cultivation



## Smart Seeding – Identification of soil roughness



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## High Tech in Education

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