

Companies & Technologies
Technopols



The Business Agency
of Lower Austria

Research, Education and Business in one Location: Technopol Wieselburg

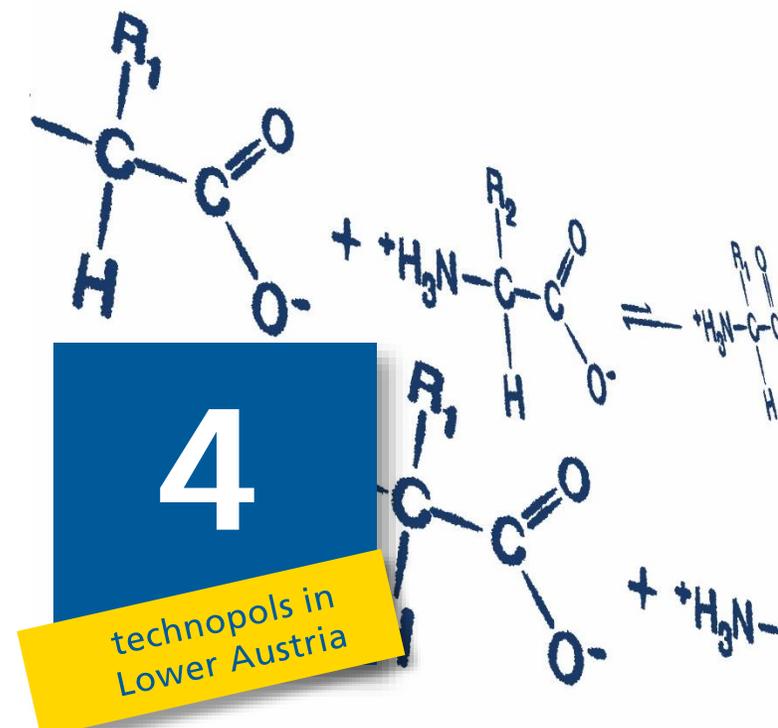
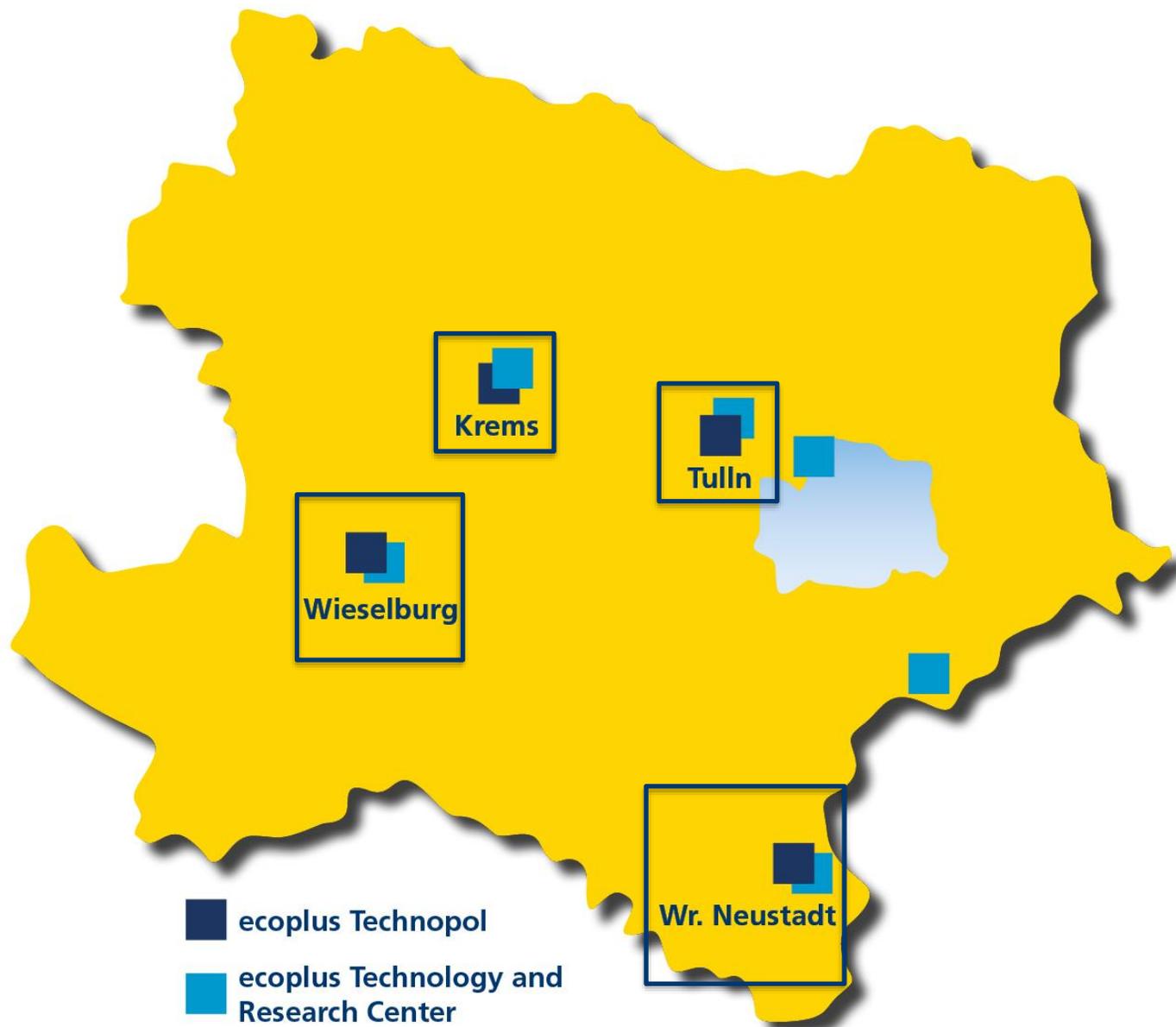
Klaus Nagelhofer

Date: 30.03.2023



Kofinanziert von der
Europäischen Union



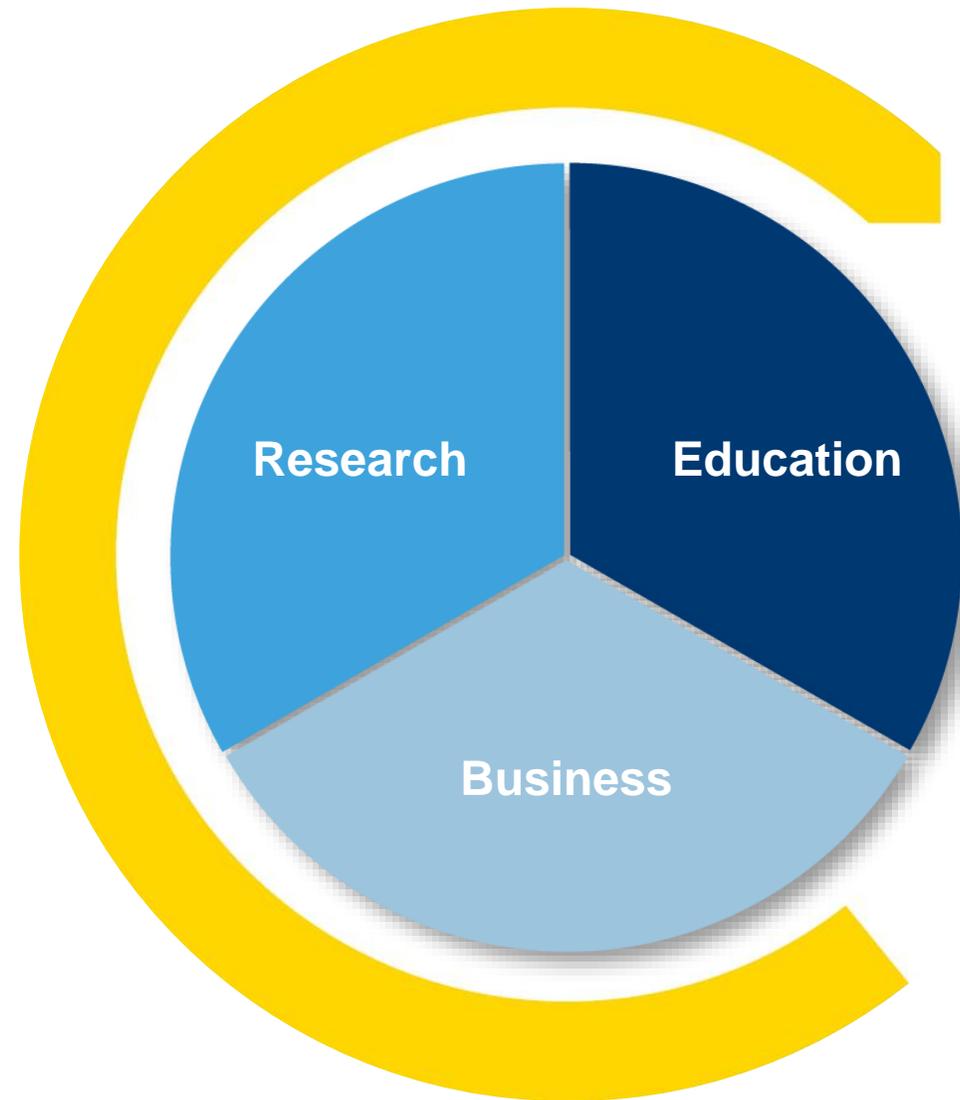


Technopols

Hub function > networking
between research, education and
business

The Technopol service with the added
plus...

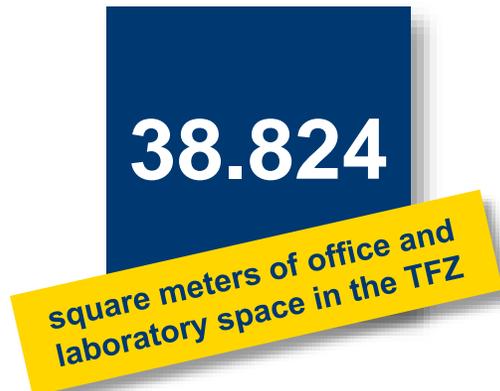
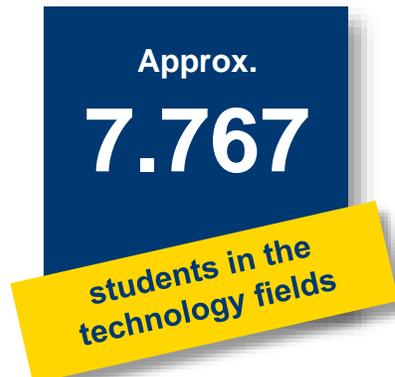
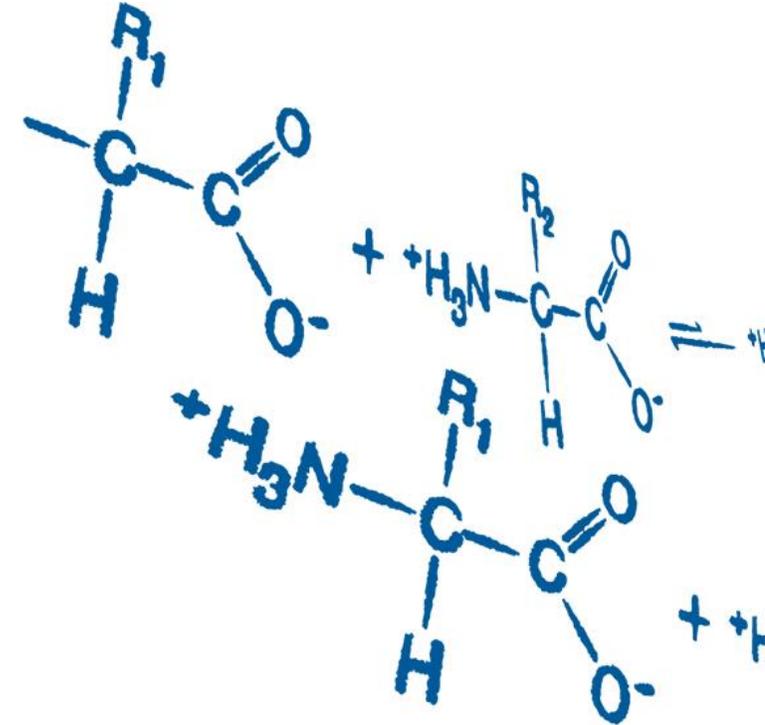
- Initiating and supporting research and technology projects
- Identifying technology and research oriented companies to establish new companies and start-ups
- Location marketing
- Networking events



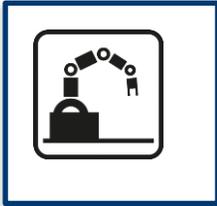
Technopols

Research, education and business in one location

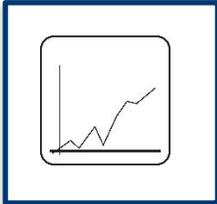
- **research institutes, educational institutions and business enterprises** in one location
- doing internationally recognized, **cutting-edge research** and **establishing business trends**
- goal: further enhancing Lower Austria's reputation as an innovative high-tech location in Europe & boosting regional value chain



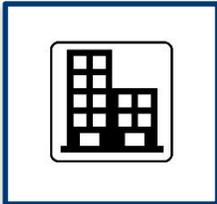
Mode of Action and Objectives



Increasing the cooperation intensity of companies with R&D and educational institutions



Increasing the number of innovative companies that have R&D



Increasing the self-financing ratio for research institutes through increased contract research revenue



Smart Specialization: Focusing on very specific technology niches based on the traditional strength within the region and complementing the R&D competences in Vienna

Technology fields at the technopols



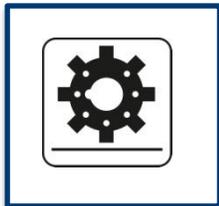
Krems, international center for health technology

Apheresis, regenerative medicine, inflammation, water & health



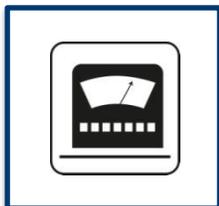
Tulln, International center for natural resources and bio-based technology

Biobased process technology, agriculture – biotechnology, food and feed safety



Wiener Neustadt, International center for medical and material technology

Materials, medical technology, surfaces, tribology (friction, wear, lubrication)



Wieselburg, International center for bioenergy, agricultural and food technology

Bioenergy systems, agricultural technology, food technology, water management

The Technopol sites ..



Krems



Wieselburg



Tulln



Wiener Neustadt

Technopol Wieselburg

We transform natural resources into added value, ...

Bioenergy systems



... develop low-emission and efficient small-scale furnaces and intelligent energy systems, especially micro-grids.

Agricultural technology



... research and teach in the areas of agriculture and agricultural engineering and are a competent partner for industry and users.

Food technology

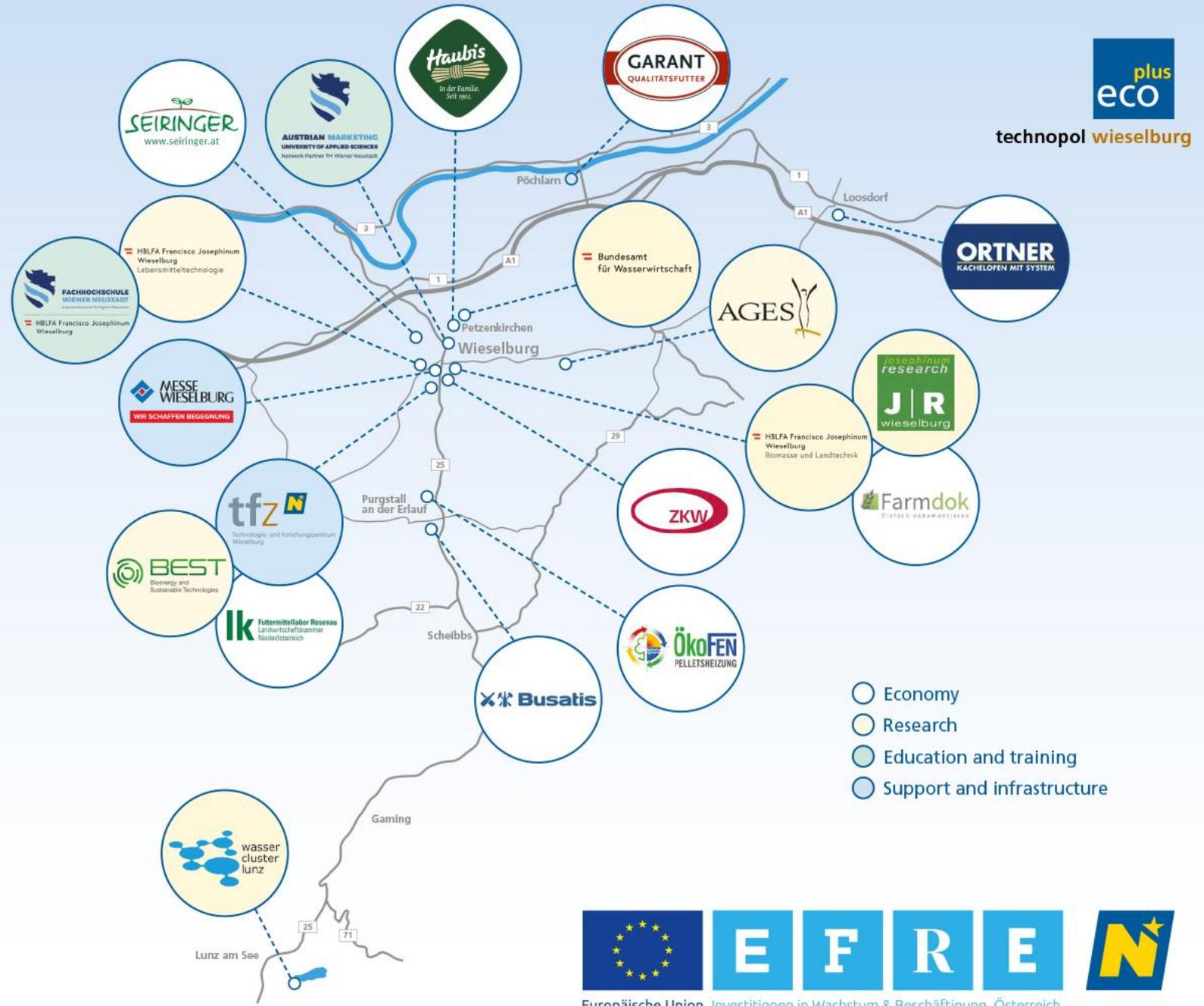


... provide know-how for renowned Austrian food producers.

Water management



... transform well-founded basic knowledge into real solutions and enable sustainable use of resources.



technopol wieselburg



Europäische Union Investitionen in Wachstum & Beschäftigung. Österreich.

The Technopol Wieselburg

International Center for Bioenergy, Agricultural and Food Technology



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of Lower Austria

Development of the Technopol Wieselburg in Lower Austria

- 2009 Building - Technology & Research Center Wieselburg-Land
- 2011 Location Profile
- 2012 „Long Night of Research“
- 2013 Expansion of the Technology and Research Center Wieselburg became the 4th Technopol in Lower Austria
- 2014 Technopolmanagement
Competence Mapping
- 2015 International Conference – „Biomass of the Future“
- 2016 Roadmap - Technopol Wieselburg
- 2017 Microgrids - Research Group
Digitalization Platform Agriculture
- 2018 Bachelor in Agriculture Technology
- 2019 Kick-Off - Microgrid Lab 100%
- 2020 Kick-Off - Innovation Farm
- 2021 Development of a model region bioeconomy & circular economy
- 2022 Bachelor Sustainable Production & Circular Economy



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The Technopol Wieselburg

In figures



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of Lower Austria

14

companies and R&D centers in
the technology fields

293

hightech-jobs (in the
technology fields)

900

students
(3 Bachelor, 8 Master)

2.900

customizable office and
laboratory space in the TFZ (m²)



The Technopol Wieselburg

Technology fields



Bioenergysystems



Agricultural Technology



Food Technology



Water Resources Management

The Technopol with know-how for the transformation of natural resources in added value.



The Technopol Wieselburg

Education



■ Austrian Marketing University of Applied Sciences Wiener Neustadt – Campus Wieselburg

- Since 1999
- 800 students (> 1000 Alumnis)
- Programs (1 Bachelor, 7 Master)



AUSTRIAN MARKETING
UNIVERSITY OF APPLIED SCIENCES
Network-Partner FH Wiener Neustadt



■ HBLFA Franciso Josephinum –

- Federal Institute of Education and Research for Agriculture,
Agricultural Engineering and Food Technology
- 800 students (second level (> 4000 Alumnis))
- 50 students (Bachelor)



josephinum.at



Technopol Wieselburg

R&D Institutions



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 HBLFA Francisco Josephinum
Wieselburg
Lebensmitteltechnologie

 Bundesamt
für Wasserwirtschaft



 HBLFA Francisco Josephinum
Wieselburg
Biomasse und Landtechnik



Josephinum Research
Wieselburg



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Business



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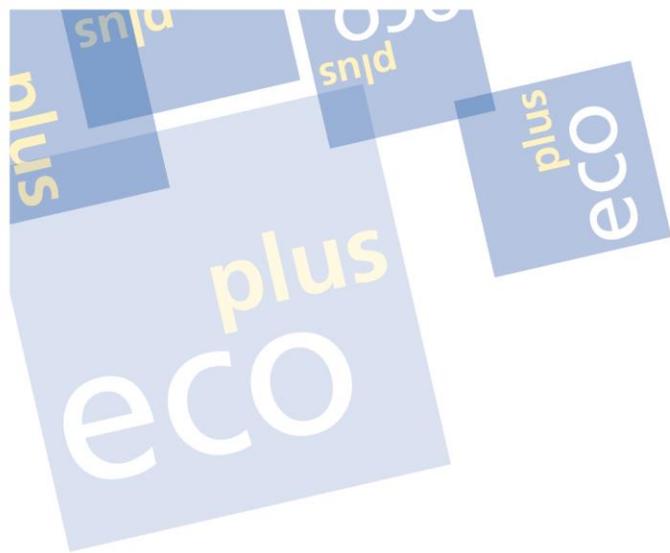


The Technopol Wieselburg

Infrastructure

- TFZ – Technology- and Research Center Wieselburg-Land with its properties
- Accent – Founder Service for Start-ups
- RIZ Nord - Regional Innovation Center North
- Ecoplus - Technopol-management
- ...





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Research, Education & Business in one Location

ecoplus. The Business Agency of Lower Austria

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