



Universität für Bodenkultur Wien  
University of Natural Resources  
and Life Sciences, Vienna

# Die Universität für Bodenkultur Wien University of Natural Resources and Life Sciences, Vienna

[www.boku.ac.at](http://www.boku.ac.at)

**Barbara Hinterstoisser**  
Vicerector for Teaching and International Affairs

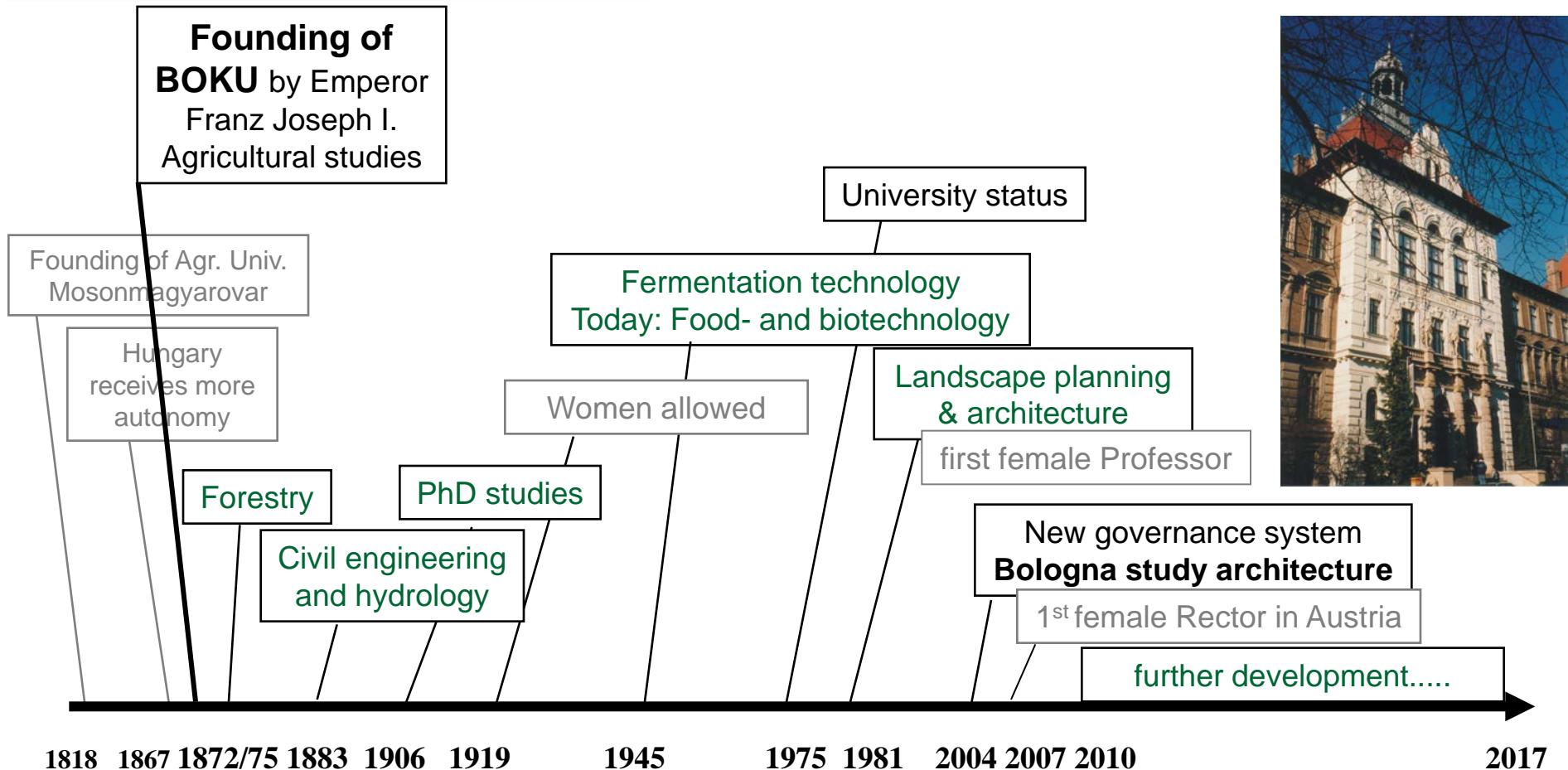


# Mission

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- *The University of Natural Resources and Life Sciences, Vienna, the Alma Mater Viridis, sees itself as an **education and research centre for renewable resources**, which are a necessity for **human life**. With its wide range of areas of expertise it is the task of BOKU to contribute significantly to the **protection of life resources** for future generations. With a connection between **natural sciences, engineering and economics**, BOKU is trying to deepen the knowledge of an **ecologically and economically sustainable use of natural resources in a cultivated landscape**.*

# Historical development of BOKU



# BOKU – University of Natural Resources and Life Sciences Vienna – Facts and figures

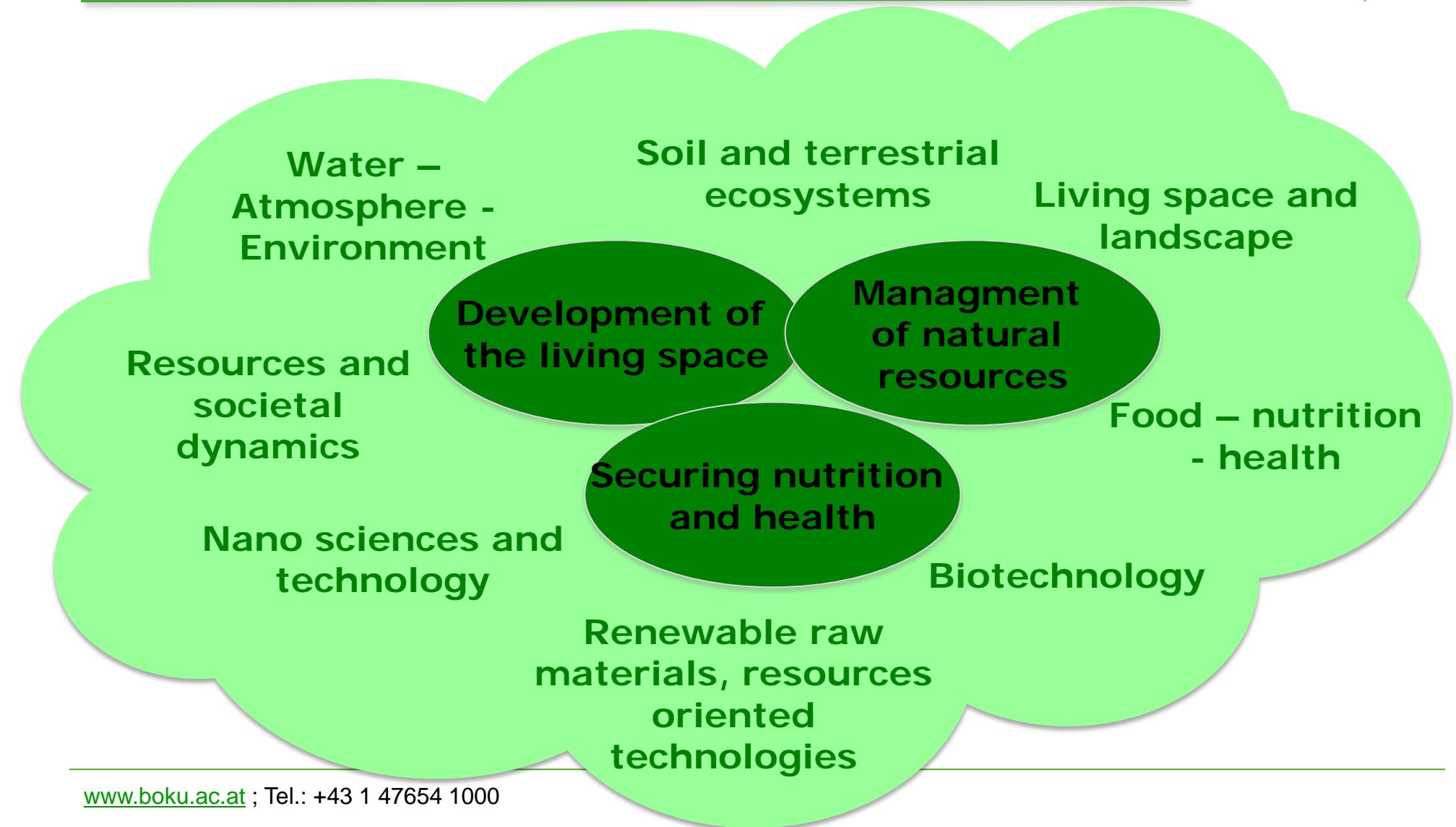
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Universität für Bodenkultur Wien  
University of Natural Resources  
and Life Sciences, Vienna

- ~ 13.000 students (20% foreign students); ~ 1500 graduates per year;
- 8 Bachelor, 26 Master (11 Master programs in English; several double/joint degree programms;) and several PhD programs (~ 800 students);
- students satisfaction: top ranked in Austria;; Greenmetric University ranking: no. 6 world wide, 2 in education; QS World University Ranking by Subject: Rank 33
- 2550 employees (head count); ~ 1600 employees (full time equivalent),
  - ~700 scientists employed on a project basis;
  - ~ 74 full professors (1/3 non Austrians), ~ 130 Assoc. Profs
- ~ 700 ongoing projects, ~ 100 EU projects, ~ 110 FWF projects, participation in several excellence projects (FWF, COMET, Christian Doppler, Laura Bassi, WWTF,...)
- ~ 100 Mio € GUF, 42 Mio € external resources (projects; basis 2013)
- ~ 2500 scientific publications per year (~ 700 SCI), ~ 1400 presentations per year
- Organized in 15 departments

# BOKU – themes and competences



	H89000 Department of Material Sciences and Process Engineering (MAP)
	H79000 Department of Biotechnology (DBT)
	H81000 Department of Water - Atmosphere - Environment (WAU)
	H80000 Department of Nanobiotechnology (DNBT)
	H77000 Department of Chemistry (DCH)
	H83000 Department of Integrative Biology and Biodiversity Research (DIB)
	H75000 Department of Food Science and Technology (DLWT)
	H85000 Department of Landscape, Spatial and Infrastructure Sciences
	H73000 Department of Economics and Social Sciences (WiSo)
	H93000 Department of Sustainable Agricultural Systems
	H87000 Department of Civil Engineering and Natural Hazards
	H91000 Department of Forest- and Soil Sciences
	H95000 Department of Crop Sciences (DNW)
	H97000 Department of Agrobiotechnology, IFA-Tulln
	H94000 Department of Applied Genetics and Cell Biology (DAGZ)



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**BOKU-departments  
provide the lectures for  
our study programs**

# BOKU Study Programs

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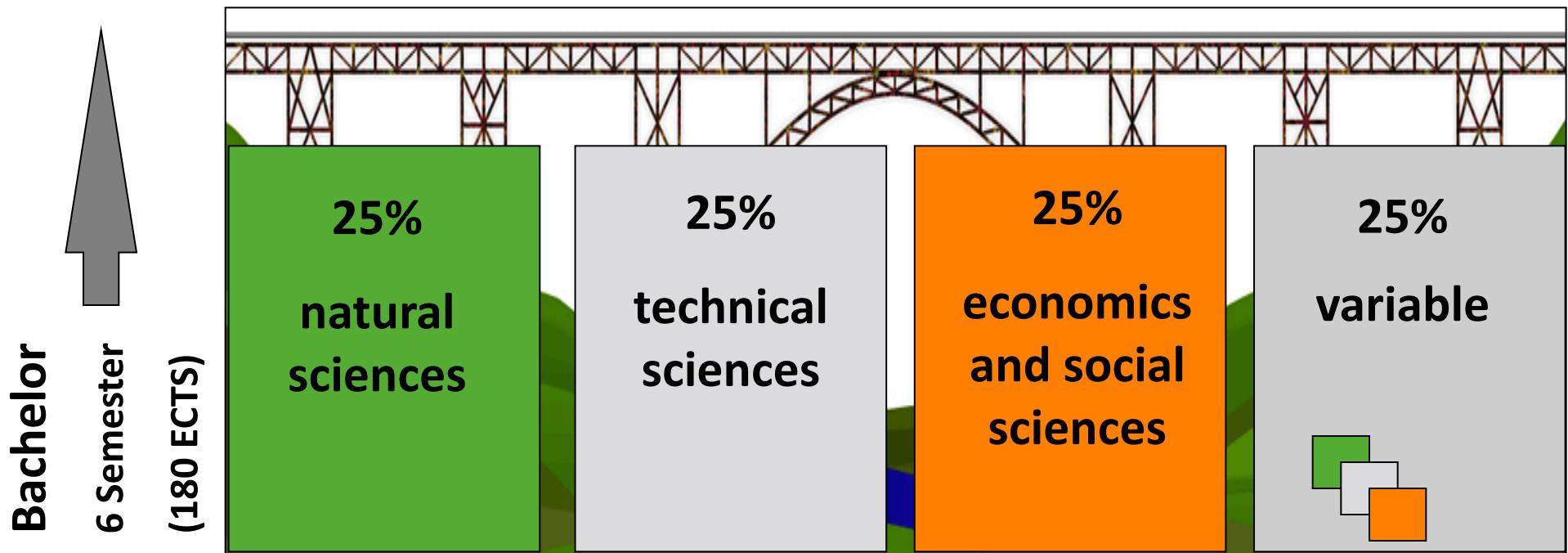
- **Bachelor studies** (time-line: 6 semesters)
  - 1<sup>st</sup> Degree: “Bachelor of technical sciences”
- **Master studies** (time-line: 4 semesters)
  - a continuing program after the bachelor study
  - comparable to an international master’s degree
  - 2<sup>nd</sup> Degree: “Master of Science” (*Diplom Ingenieur*)
- **PhD studies**
  - Program which is offered for master program graduates
  - Degree: “Doctor of Agricultural Sciences” (Dr. nat.  
techn., Dr.soc.oec.); PhD



# Curricula at BOKU

## Bachelor programs

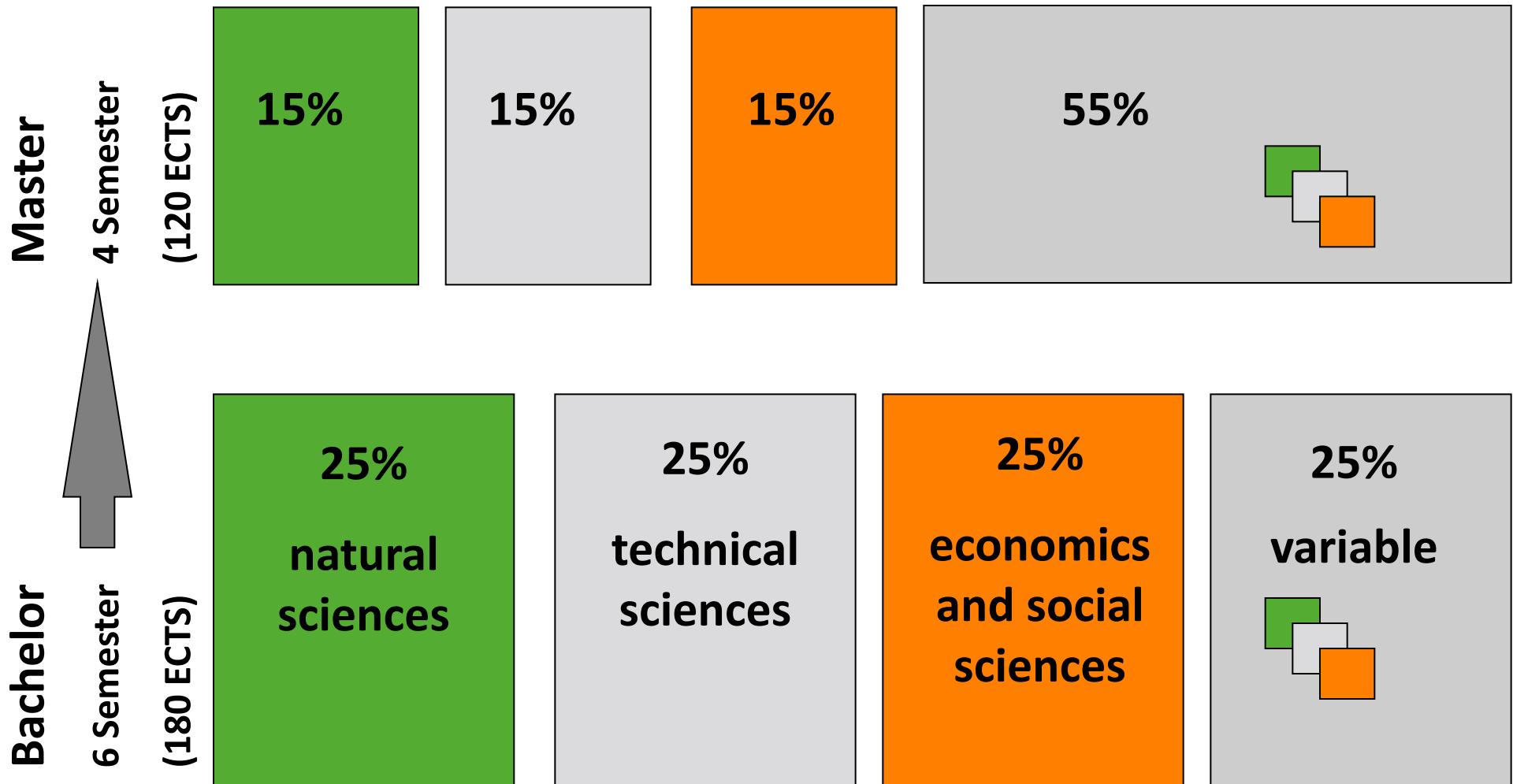
Bridging the disciplines



# Curricula at BOKU

since 2004/2005 Bachelor- und Masterprograms

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# BOKU Bachelor Programs (180 ECTS)

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**Forestry**

**Wood and Fibre Technology**

**Environment and Bio Resources Management**

**Environmental Engineering**

**Food Sciences and Biotechnology**

**Agricultural Sciences**

**Landscape Architecture and Planning**

**Equine Sciences**

Further information : [www.boku4you.at](http://www.boku4you.at)

# BOKU Master Programs (German, 120 ECTS)

**Agricultural and Food Economics**

**Alpine Natural Dangers/Watershed Regulation**

**Biotechnology**

**Crop Sciences**

**Environment and Bio Resources Management**

**Environmental Engineering**

**Food Science and Technology**

**Forest Science**

**Landscape Architecture and Planning**

**Livestock Sciences**

**Organic Agricultural Systems and Agroecology**

**Phytomedizin**

**Wildlife Ecology and Wildlife Management**

**Wood Technology and Management**

Further information : [www.boku4you.at](http://www.boku4you.at)

# BOKU International Master Programs

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**Animal Breeding and Genetics**

**Applied Limnology – Wetland Management**

**Environmental Sciences – Soil, Water and Biodiversity**

**European Forestry**

**Horticultural Sciences**

**Mountain Forestry**

**Natural Resources Management and Ecological Engineering**

**Organic Agricultural Systems and Agroecology**

**Safety in the Food Chain Water Management and Environmental Engineering**

**Sustainability in Agriculture, Food Production and Food Technology in the Danube Region**

**Material and thermal utilization of renewable raw materials (in German)**

**Viticulture, Oenology and Wine Economy (in German)**

Further information : [www.boku4you.at](http://www.boku4you.at)

# Internationalization – focus regions

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Focus-regions of the strategy

- Europe
- East-Southeast Europe
- Asia: Southeast Asia, China + Himalaya region
- potential future regions: Central Asia
- East Africa
- Central/South America: Mexico
- (Egypt, Syria, Jordan)



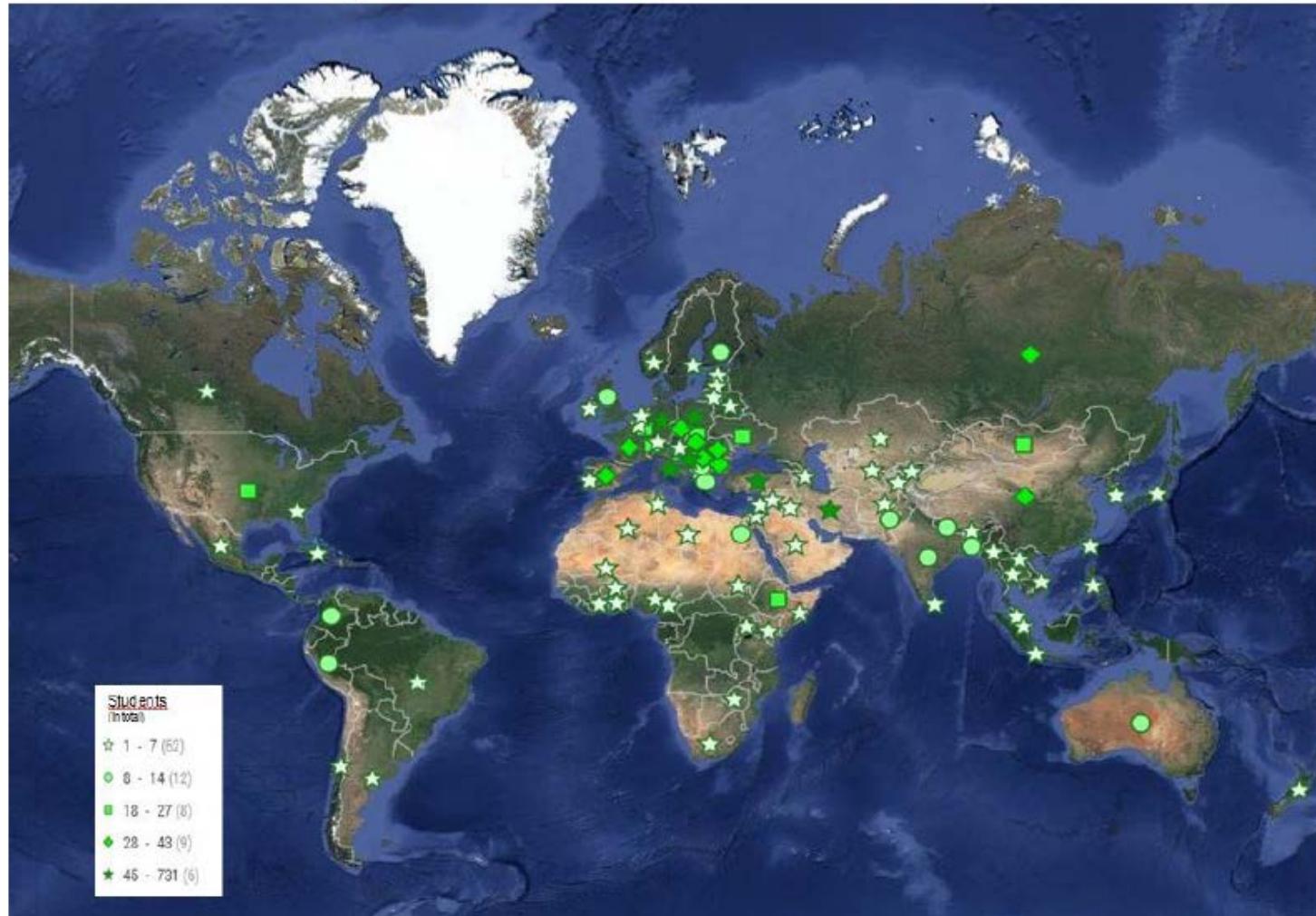
**Networks:** <http://www.boku.ac.at/networks.html>

topic specific: ICA, CASEE, ELLS, EPSO, GCUA

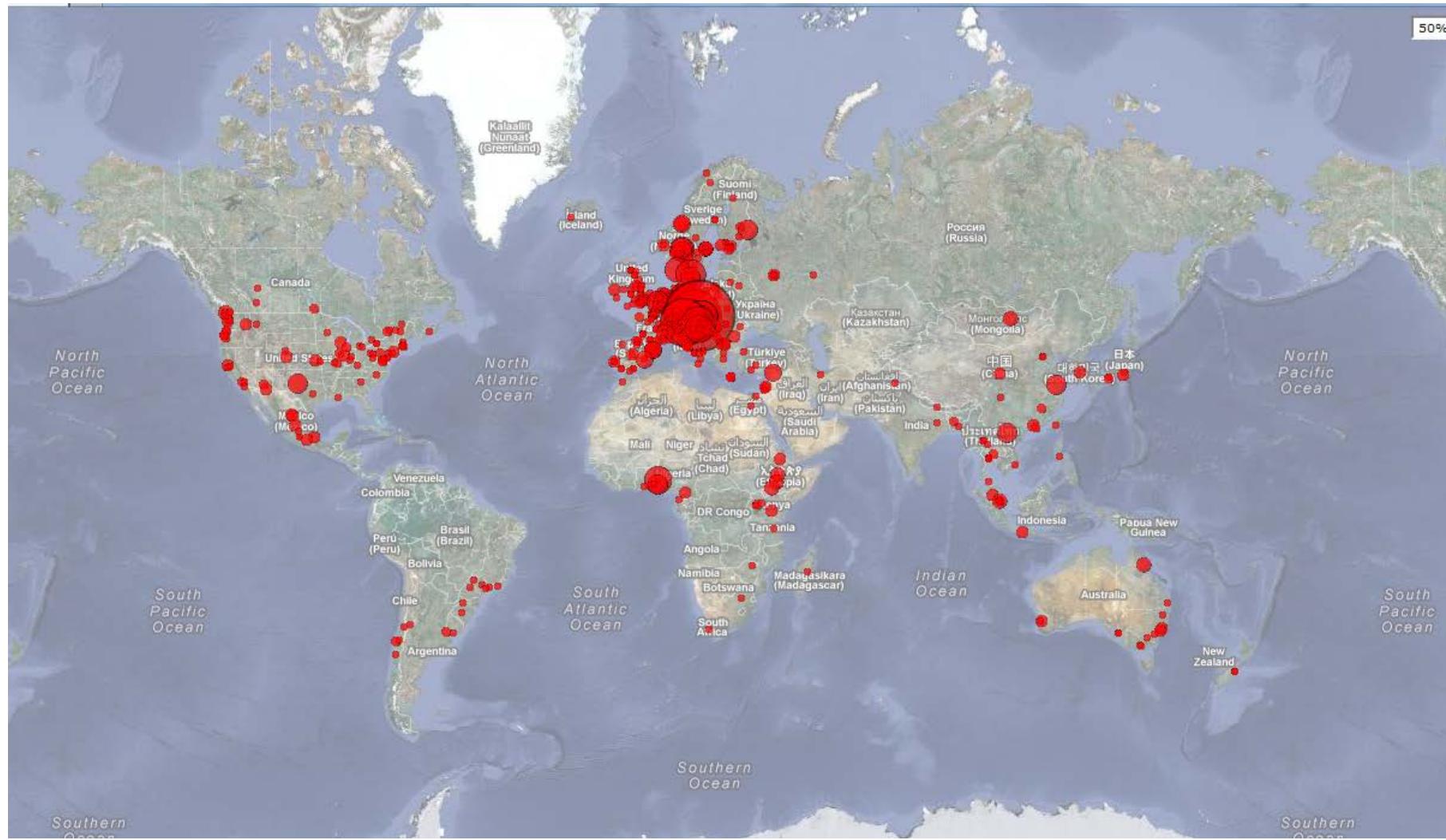
geographic: DRC, ASEA-UNINET, EURASIA-Pacific-Uninet

# Incoming Students

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# Map of co-authorships of BOKU publications



## Sites of BOKU

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- Türkenschanze / Gregor Mendel Straße
- BOKU Site Muthgasse
- BOKU Site Tulln
- „Fourth Site“ – Research farms and forests
  - Research Farm Groß-Enzersdorf
  - Landscape planning research Essling
  - Horticulture Research Jedlersdorf
  - Research forest garden Knödelhütte
  - Research Forest Heuberg
  - Water Cluster Lunz

# Site Türkenschanze



# BOKU Site Muthgasse



## BOKU Site Tulln



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# Research farms, forests and stations

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# BOKU – Bioindustrial Pilot Plant

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**Know-why -> Know-how**





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**Thanks for Your attention!**