



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

Profile of the University of Natural Resources and Life Sciences, Vienna (BOKU)

www.boku.ac.at

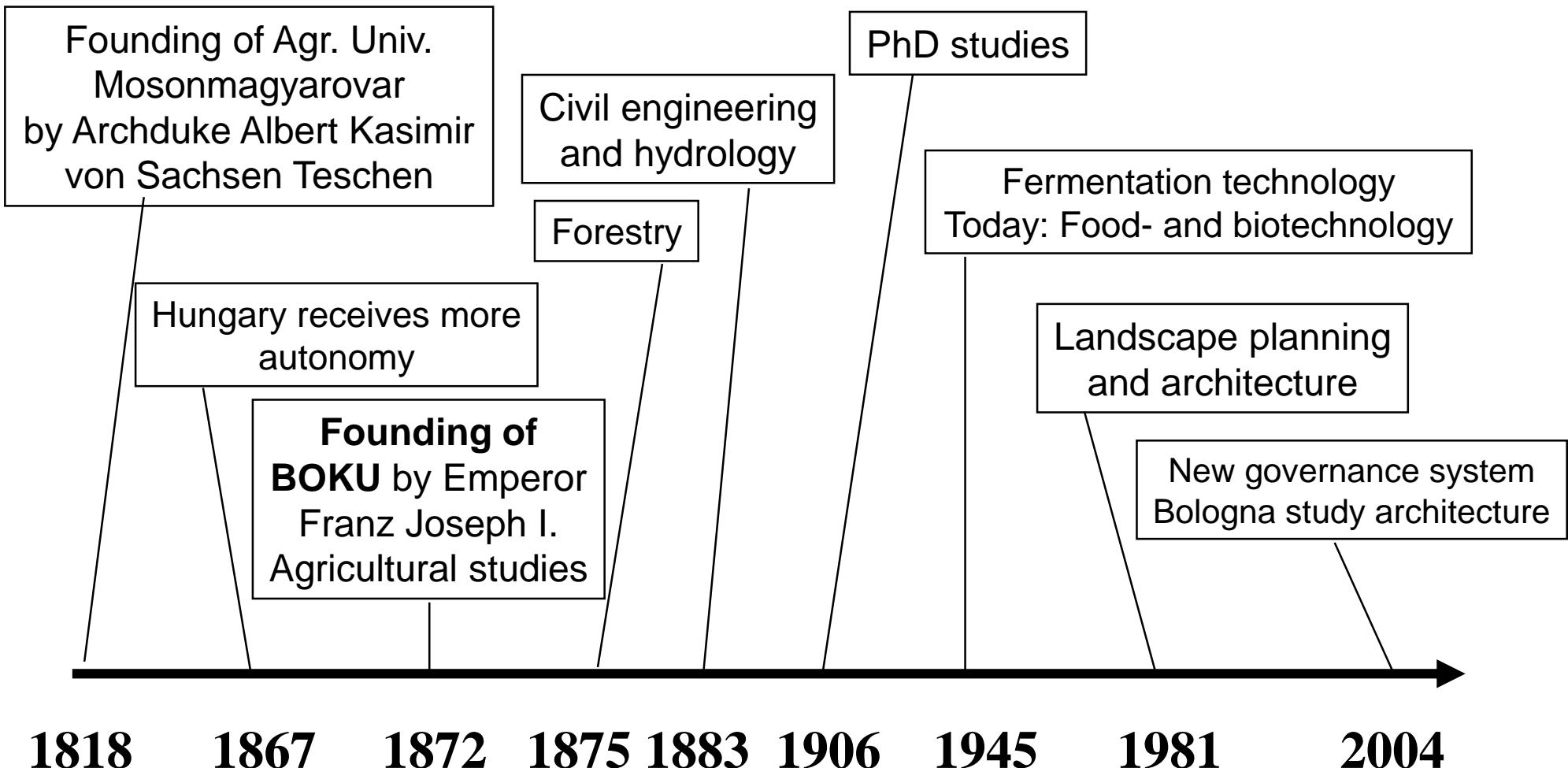
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Mission of the University of Natural Resources and Life Sciences, Vienna

- **education and research centre for renewable resources**, which are a necessity for human life
- to contribute significantly to the **protection of life resources** for future generations
- connecting **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 I



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

- Founded in 1872
- ~ **13.000 students** in 8 Bachelor, 26 Master (+ several double degree programmes; 11 Master programs in English) and several PhD programs (~ 800 students)
- ~**1613 graduates** per year; students satisfaction: top ranked in Austria; 20% foreign students;
- **Greenmetric World University Ranking 2017:** no. 12 world wide (of 516 universities)
- **QS World University Ranking by Subject 2017:** 35 in agriculture and forestry
- ~ 1600 employees (full time equivalent), **2550 employees** (head count); ~700 scientists employed on a project basis; ~ **75 full professors** (1/3 non Austrians), ~ **130 Assoc. Profs**

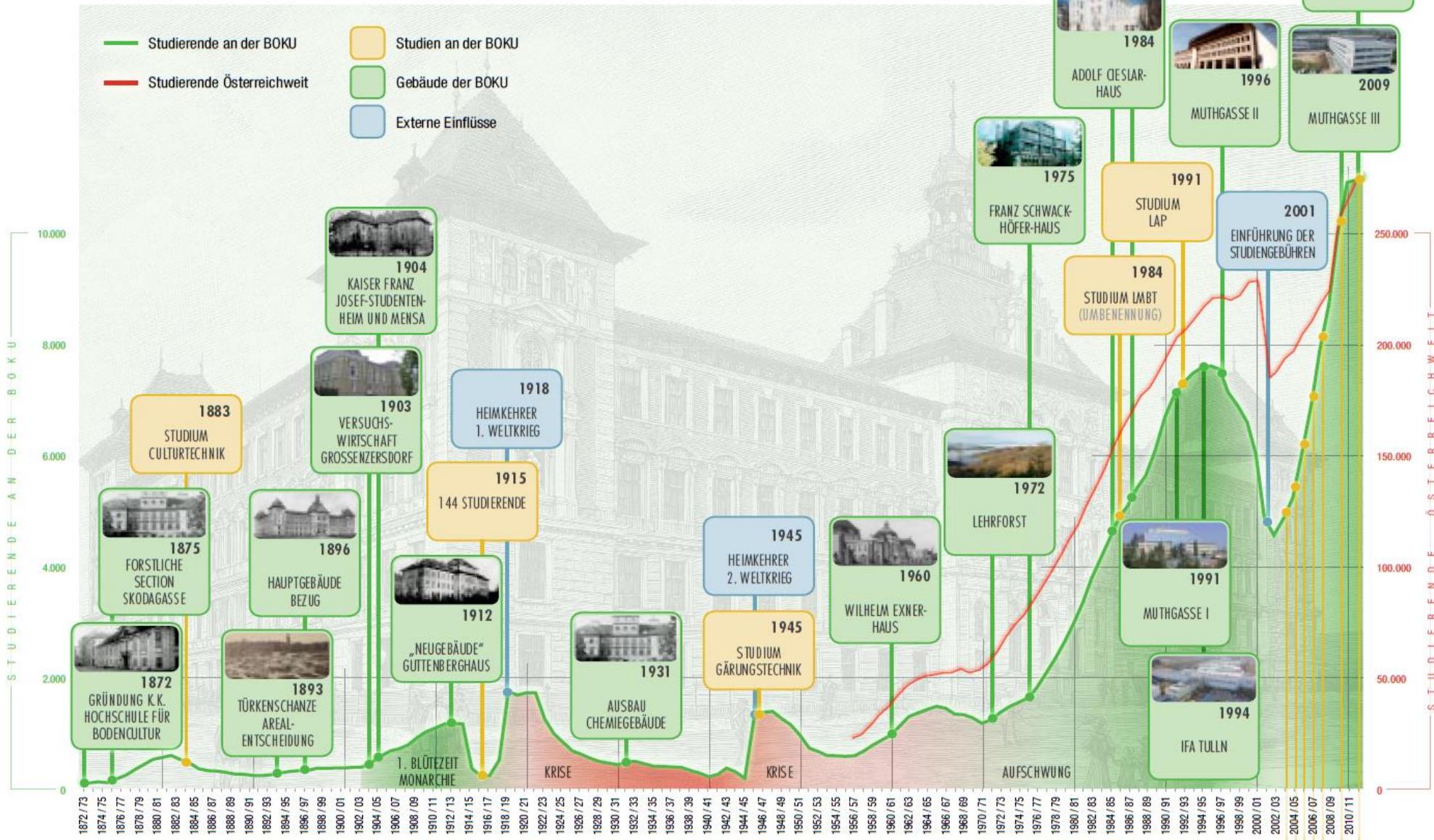
BOKU – University of Natural Resources and Life Sciences Vienna – Facts and figures II



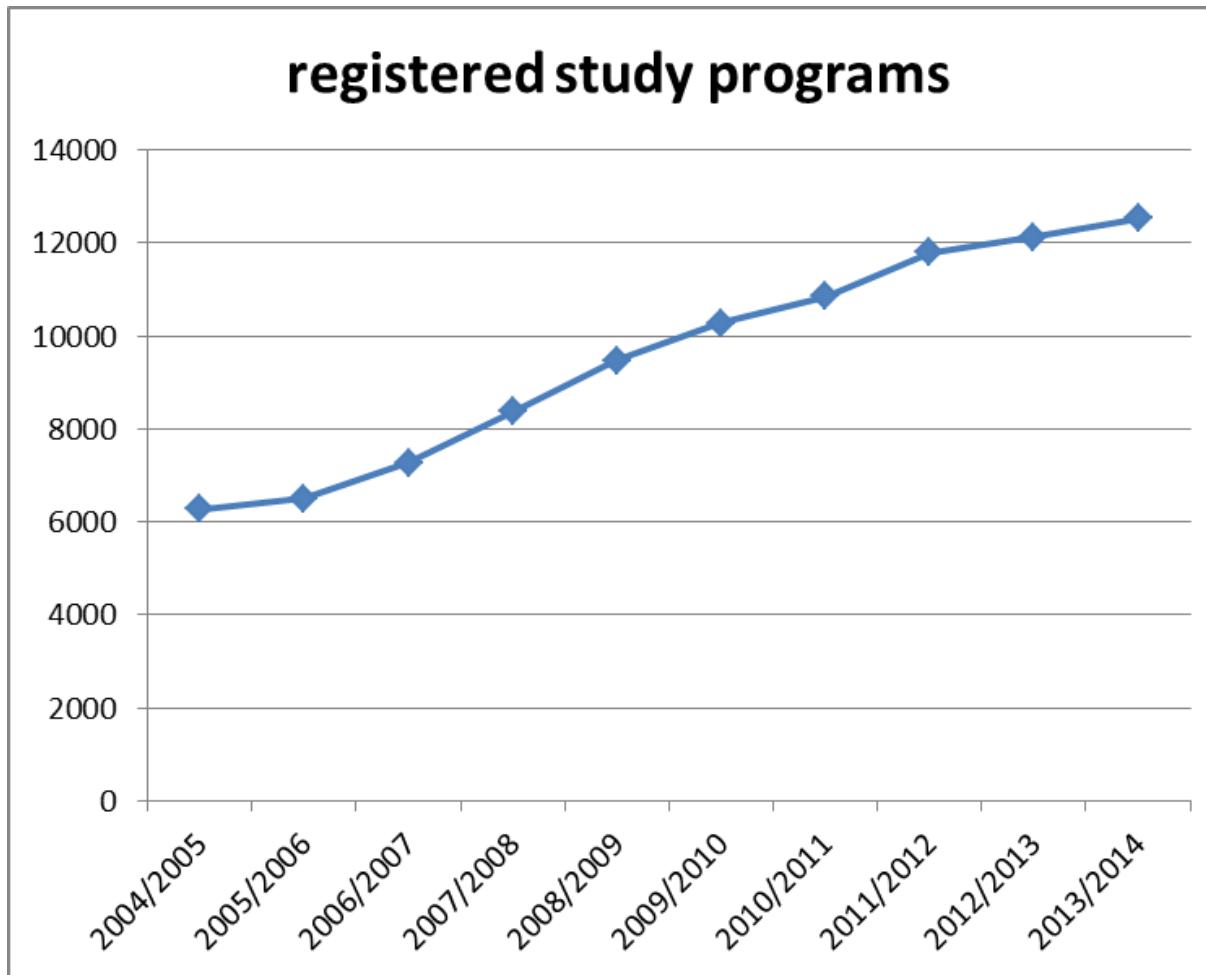
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- ~ 660 ongoing projects, ~ 70 EU projects, ~ 90 FWF projects, participation in several excellence projects (FWF, COMET, Christian Doppler, Laura Bassi, WWTF,...)
- 7 ERC Grants
- ~ 115 Mio € GUF, 50.9 Mio € external resources (basis 2016)
- ~ 2500 scientific publications per year (847 SCI), ~ 1400 presentations per year (more than 10.000 publications in the ISI databank; 26000 citations per year)
- More than 100 patent families since 2004
- Organized in 15 departments

Student numbers at BOKU from the very beginning 1872/73 – 2011/12



Registered students



Incoming students



BOKU bachelor programs

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** :
www.boku4you.at

BOKU master programs (German)



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- Agricultural and Food Economics (H 457)
- Alpine Natural Dangers/Watershed Regulation (477)
- Biotechnology (H 418)
- Crop Sciences (455)
- Environment and Bio Resources Management (H 427)
- Environmental Engineering (H 431)
- Food Science and Technology (H 417)
- Forest Science (H 425)
- Landscape Architecture and Planning (H 419)
- Livestock Sciences (456)
- Organic Agricultural Systems and Agroecology (H500)
- Phytomedicine (H 422)
- Wildlife Ecology and Wildlife Management (H 423)
- Wood Technology and Management (H 426)

Further information : www.boku4you.at

BOKU master programs - international



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Animal Breeding and Genetics

Applied Limnology – Wetland Management

Environmental Sciences – Soil, Water and Biodiversity

European Forestry

Horticultural Sciences

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

Mountain Forestry

Natural Resources Management and Ecological Engineering

Organic Agricultural Systems and Agroecology

Safety in the Food Chain

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

Viticulture, Oenology and Wine Economy (in German)

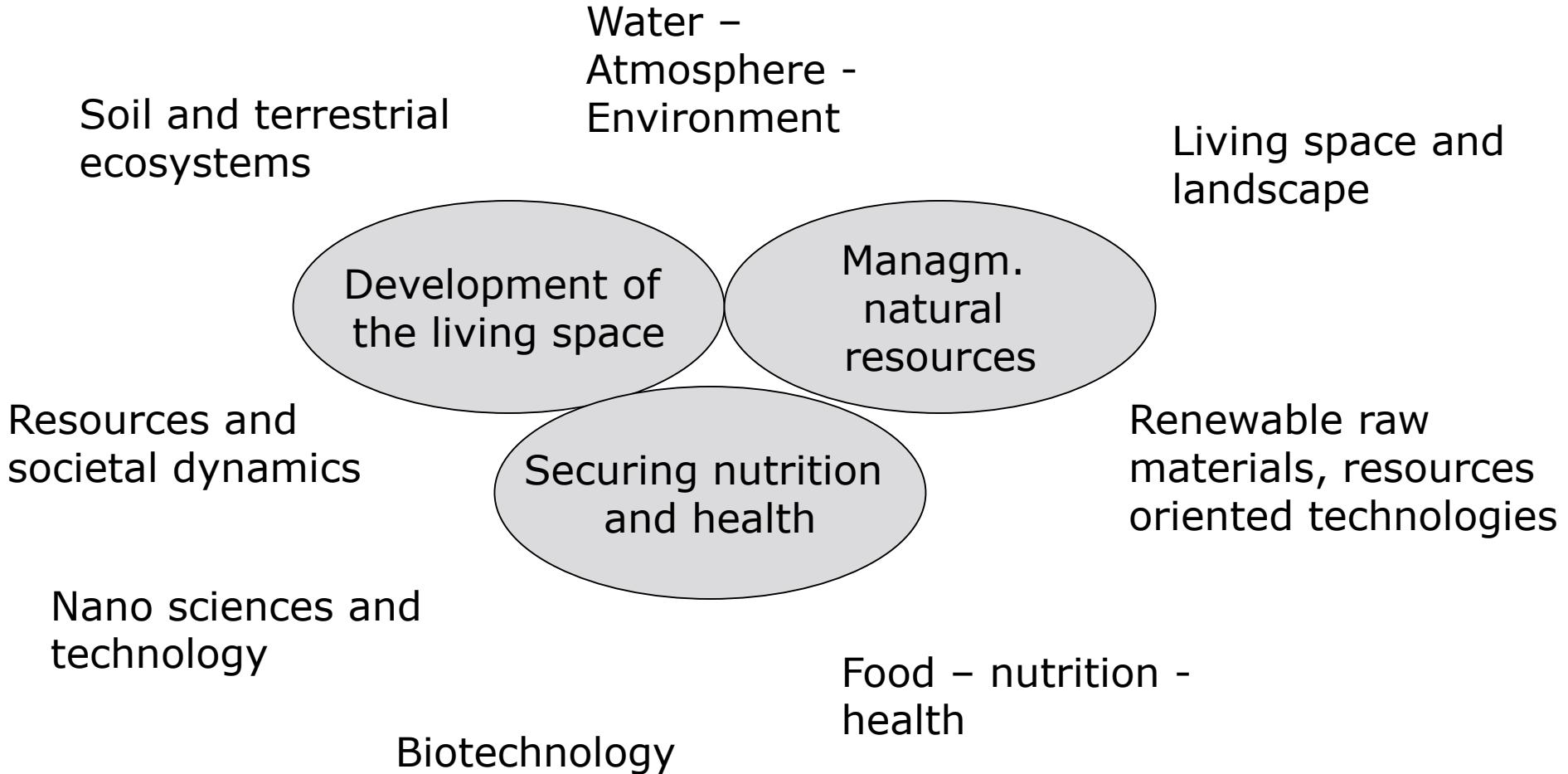
Water Management and Environmental Engineering

Further information : www.boku4you.at

BOKU – topics and competences



Universität für Bodenkultur Wien
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Department für Materialwissenschaften und Prozesstechnik
(Department of Material Sciences and Process Engineering)



Department für Biotechnologie
(Department of Biotechnology)



Department Wasser-Atmosphäre-Umwelt (WAU)
(Department of Water, Atmosphere and Environment)



Department für Nanobiotechnologie (DNBT)
(Department of Nanobiotechnology)



Department für Chemie
(Department of Chemistry)



Department für Integrative Biologie und Biodiversitätsforschung
(Department of Integrative Biology and Biodiversity Research)



Department für Lebensmittelwissenschaften und Lebensmitteltechnologie
(Department of Food Sciences and Technology)



Department für Raum, Landschaft und Infrastruktur
(Department of Landscape, Spatial and Infrastructural Sciences)



Department für Wirtschafts- und Sozialwissenschaften
(Department of Economics and Social Sciences)



Department für Nachhaltige Agrarsysteme
(Department of Sustainable Agricultural Systems)



Department für Bautechnik und Naturgefahren
(Department of Civil Engineering and Natural Hazards)



Department für Wald- und Bodenwissenschaften
(Department of Forest- and Soil Services)



Department für Angewandte Pflanzenwissenschaften und Pflanzenbiotechnologie
(Department of Applied Plant Sciences and Plant Biotechnology)



Interuniversitäres Department für Agrarbiotechnologie, IFA-Tulln
(Department of Agrobiotechnology / IFA Tulln)



Department für Angewandte Genetik und Zellbiologie (DAGZ)
(Department of Applied Genetics and Cell Biology)



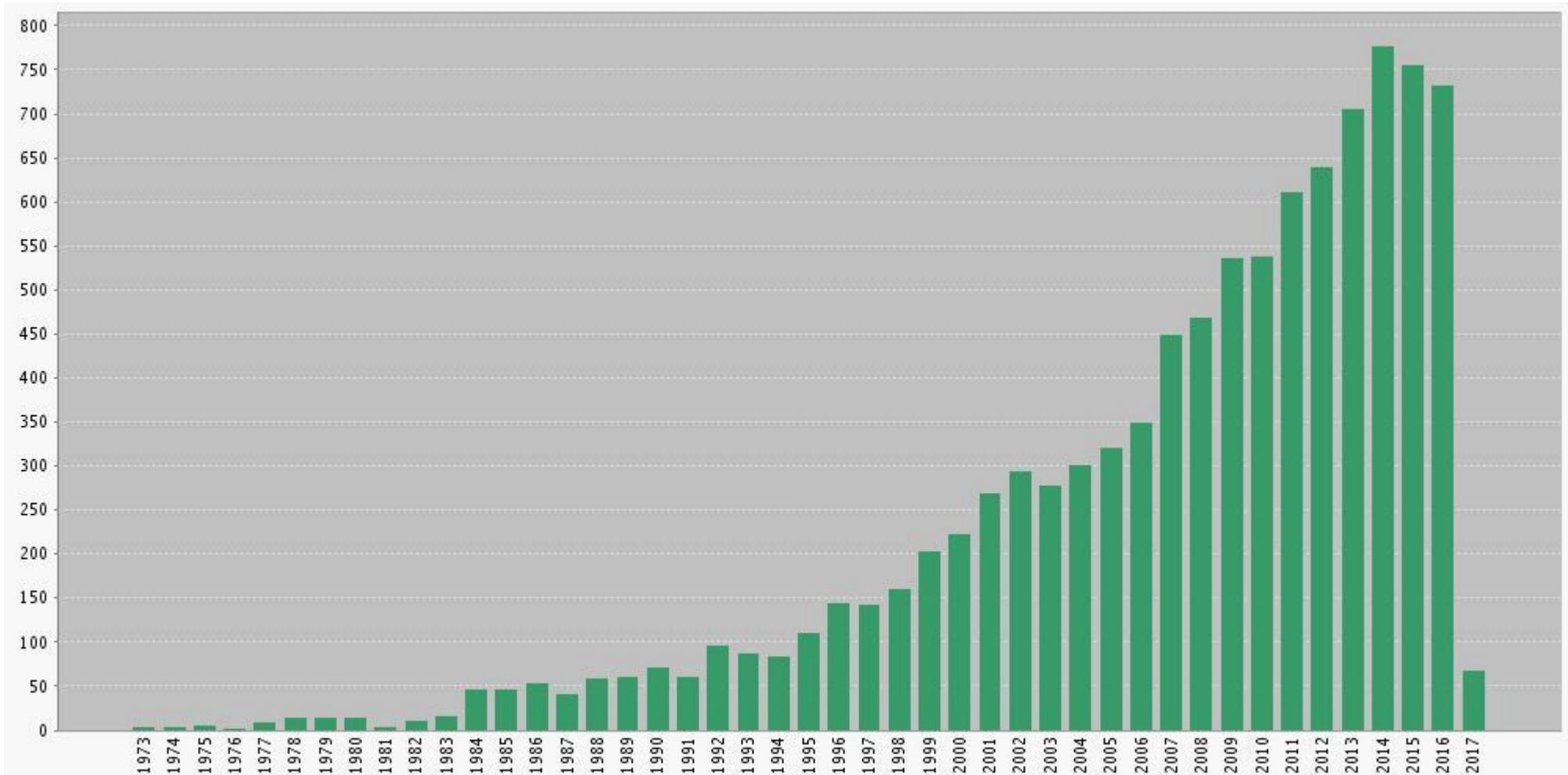
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BOKU Departments

Development of SCI publications of BOKU until March 2017: ~9,917 (without SSCI)



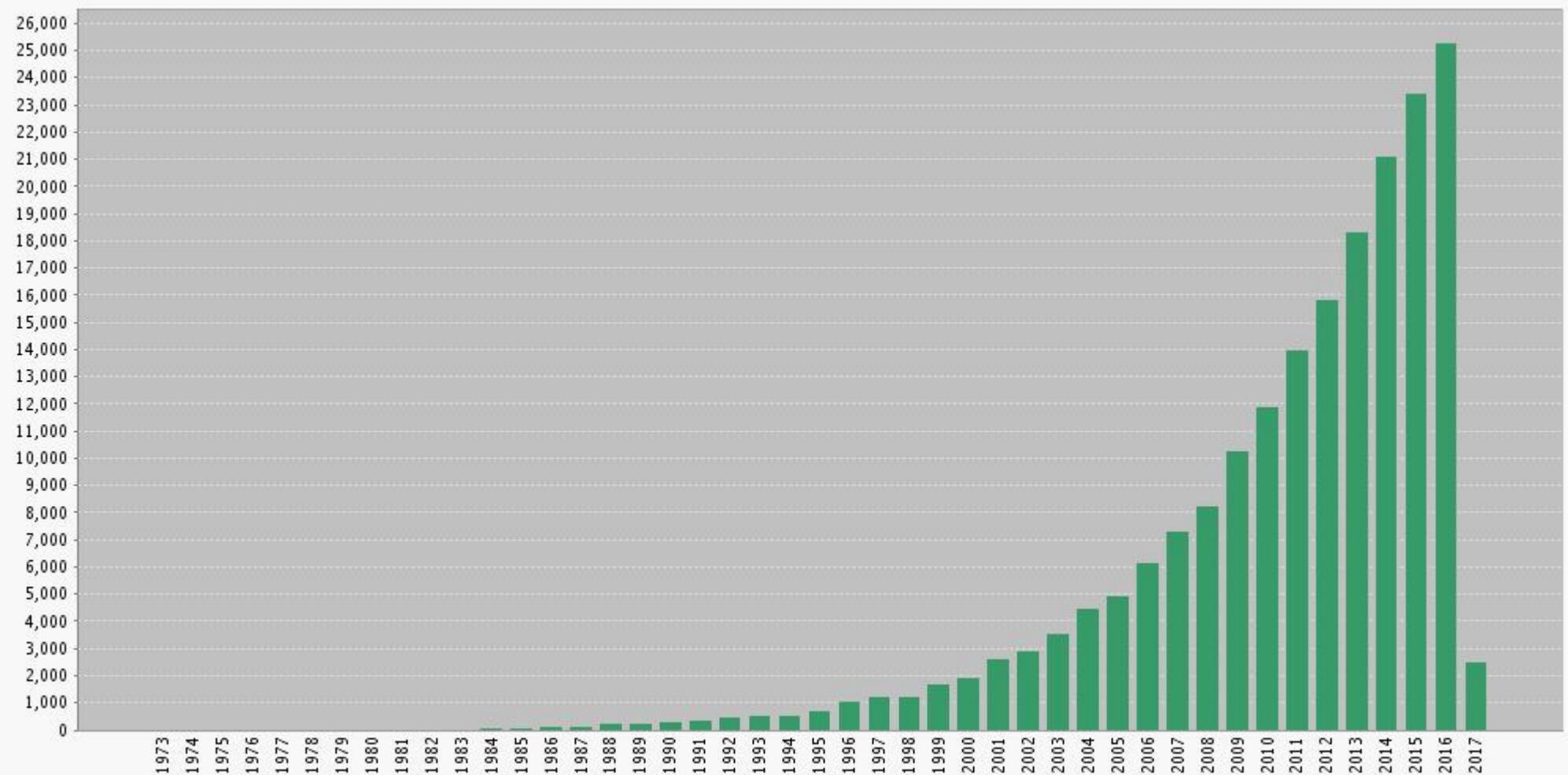
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Development of citations of BOKU publications until March 2017 in the Web of Knowledge: ~195,000, h-Index: 147; mean citation frequency per article: 19.6

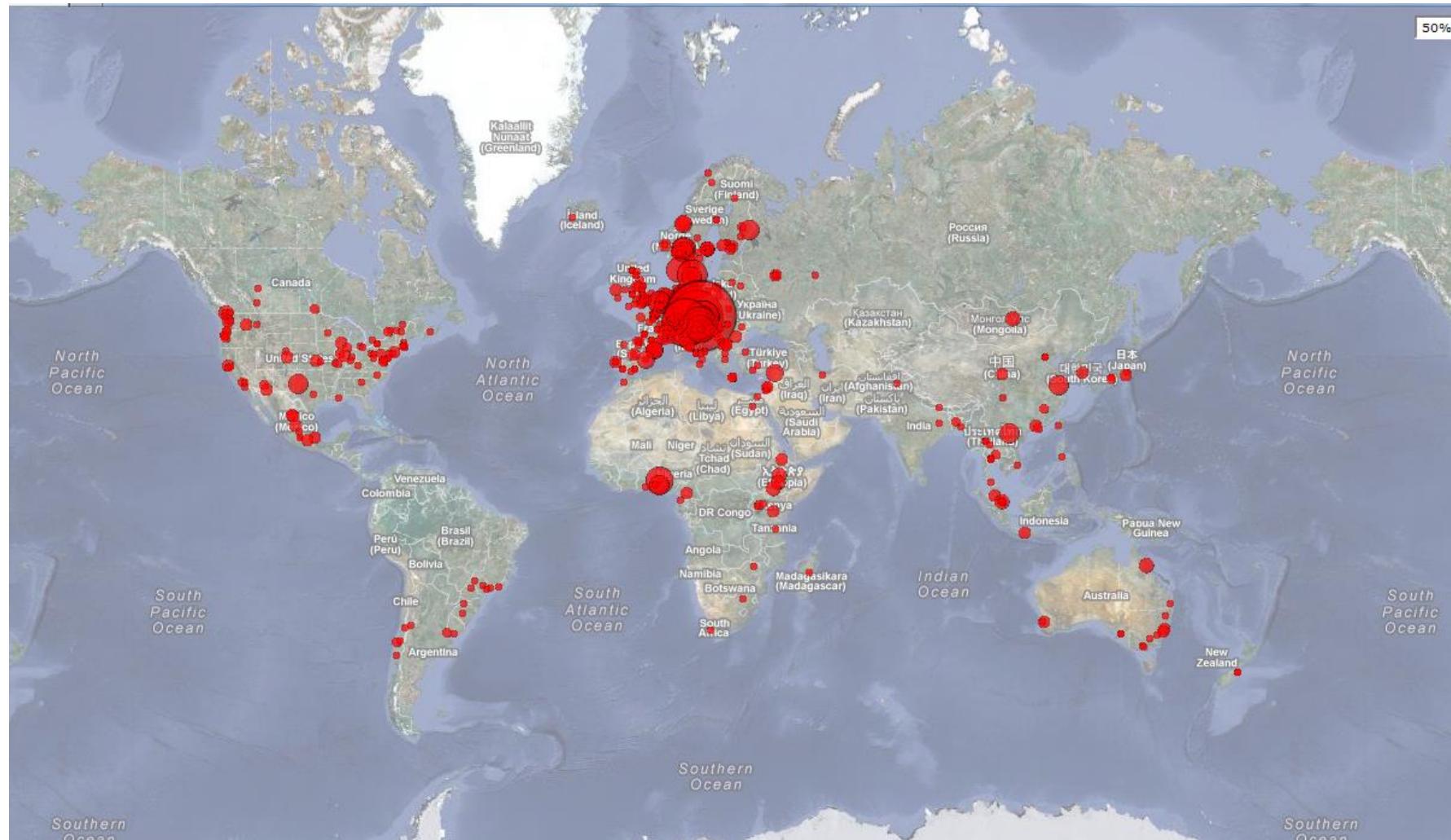


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Map of co-authorships of BOKU publications

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Internationalization – focus regions

Focus-regions of the strategy

- Europe
- East– and Southeasteurope
- Asia: Southeastasia, China + Himalayaregion
- potential future regions: Central Asia
- Eastafrika
- Central- / South America: Mexico, Peru, Brasil
- (Egypt, Syria, Jordan)

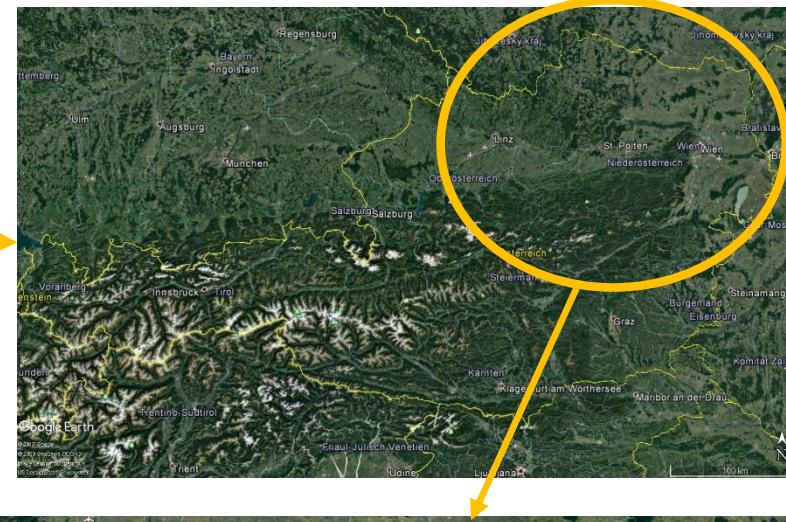
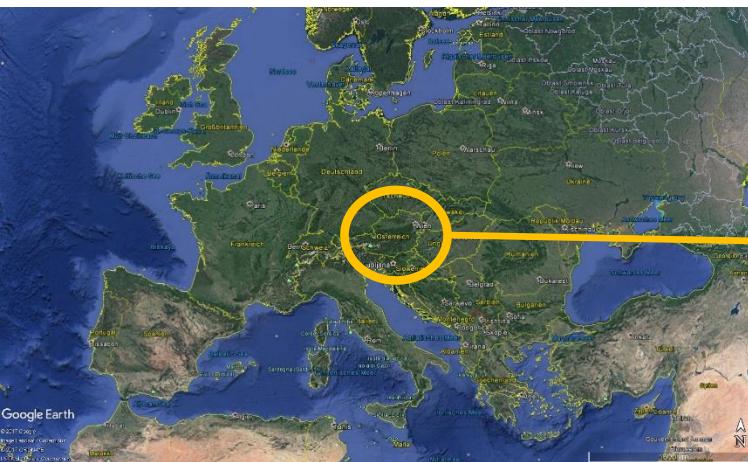
Networks: <http://www.boku.ac.at/networks.html>

topic specific: ICA, CASEE, ELLS, EPSO

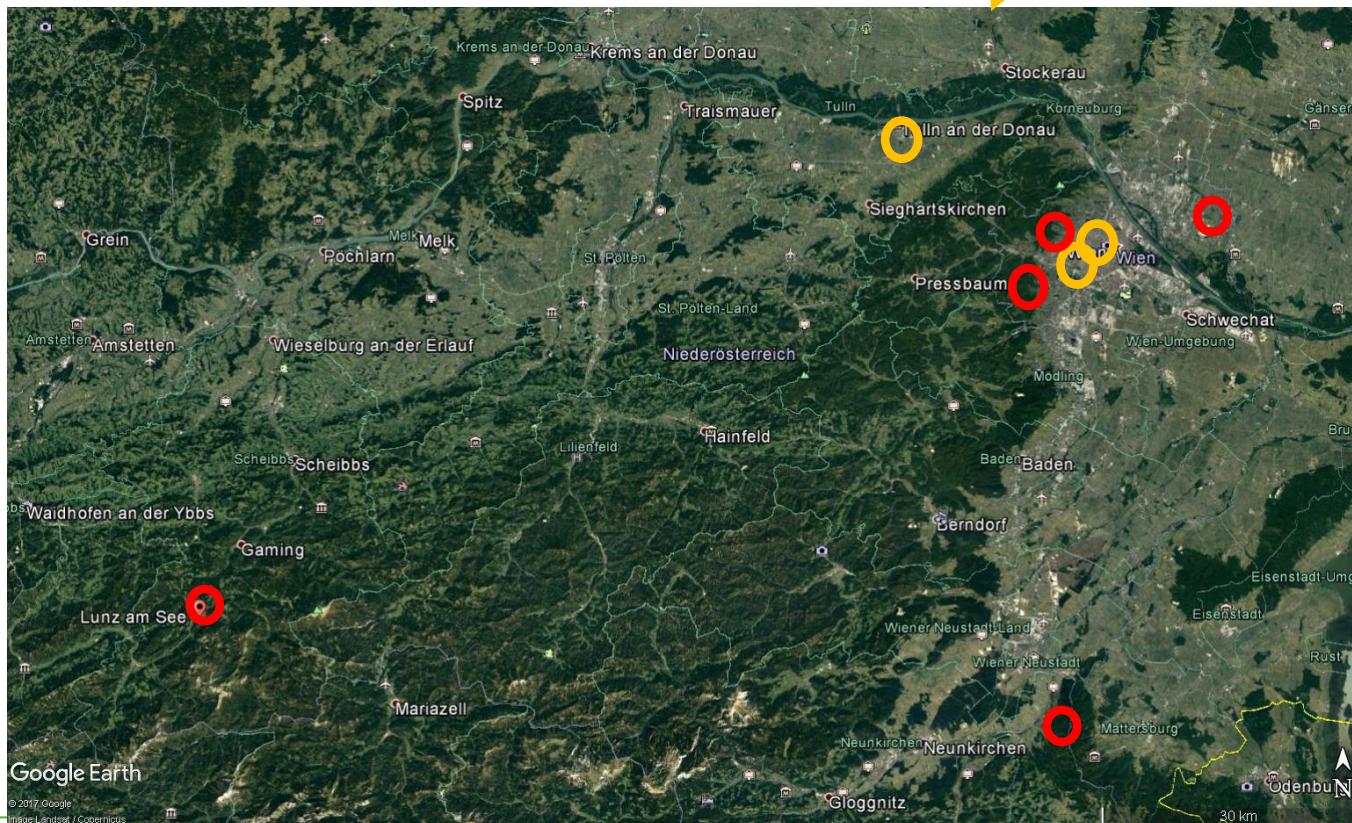
geographic: DRC, ASEA-UNINET, Eurasia-Pacific-Uninet

Sites of BOKU

- 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



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Site Türkenschanze



Site Türkenschanze



BOKU Site Muthgasse



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BOKU Site Tulln



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Research farms and forests



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Thank you for your attention!