



EUROPEAN RESEARCH DAYS INDONESIA 2020

“Boost Your Research Career in Europe”

Webinar Series 19 to 26 October 2020

„Research and Research Opportunities in Austria“

Dietmar Haltrich



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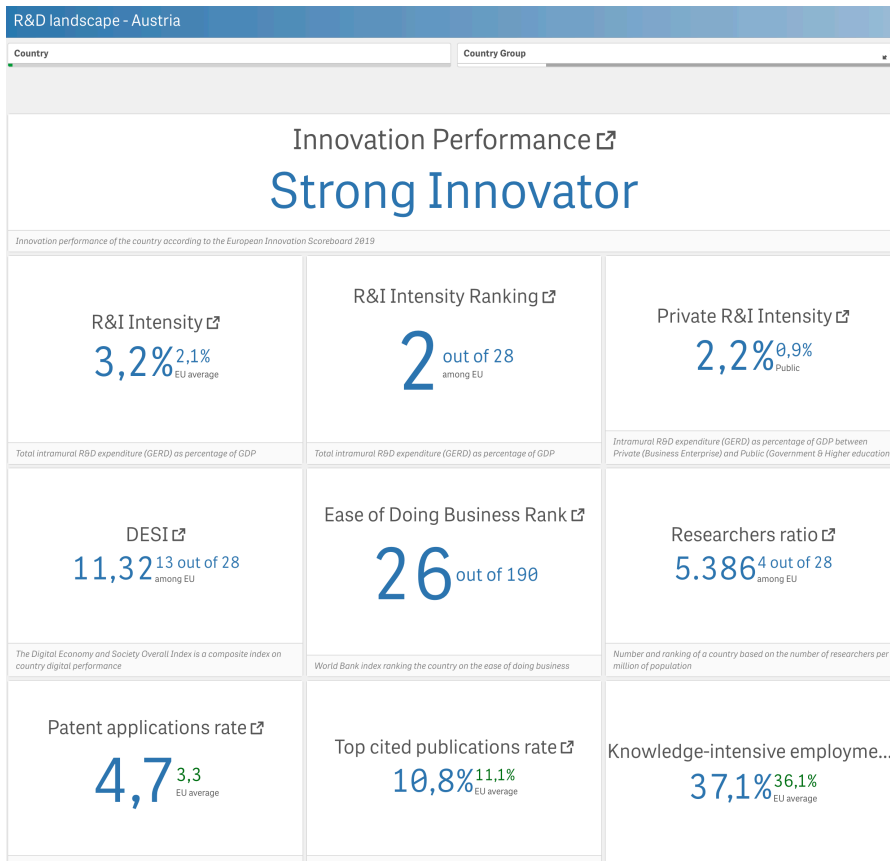
- Professor for Food Biotechnology at the University of Natural Resources and Life Sciences Vienna (BOKU)
- Regional coordinator for SE Asia at BOKU
- BOKU representative of ASEA-Uninet (ASEAN EU Academic University Network)
- Involvement in several European projects between ASEAN and EU (Asia-Link, Erasmus Mundus, etc.) in the past
- Teaching and research activities with a number of universities in SE Asia, mainly in Indonesia, Thailand and Vietnam



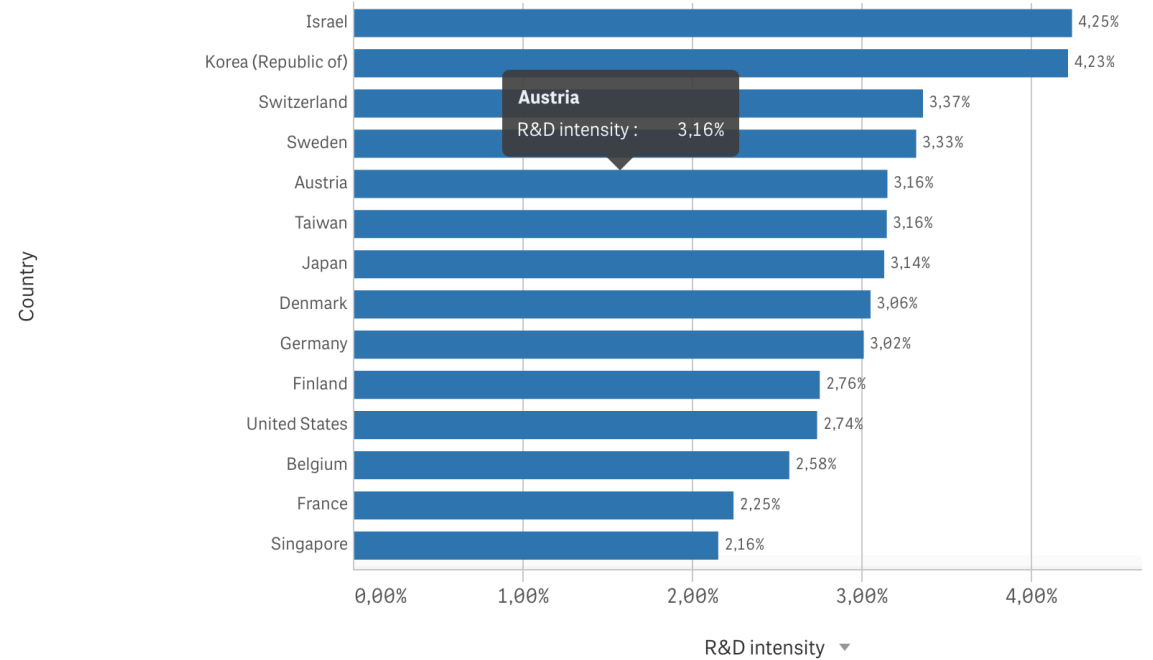
**European Union
EU 27**



H2020 Report, Country Profile Austria

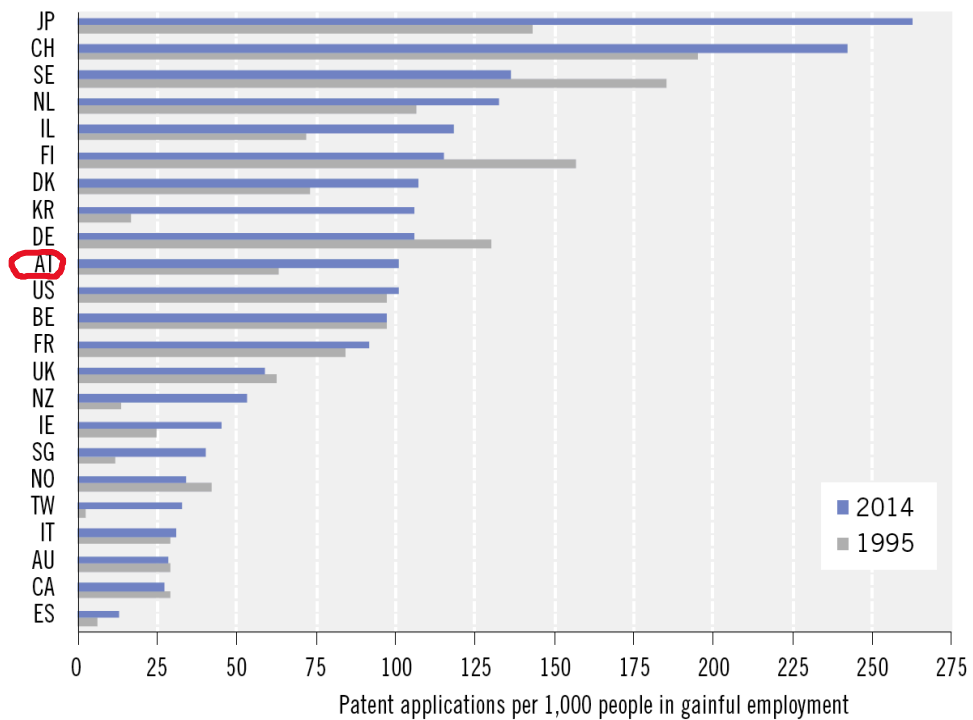


R&D indicators by country

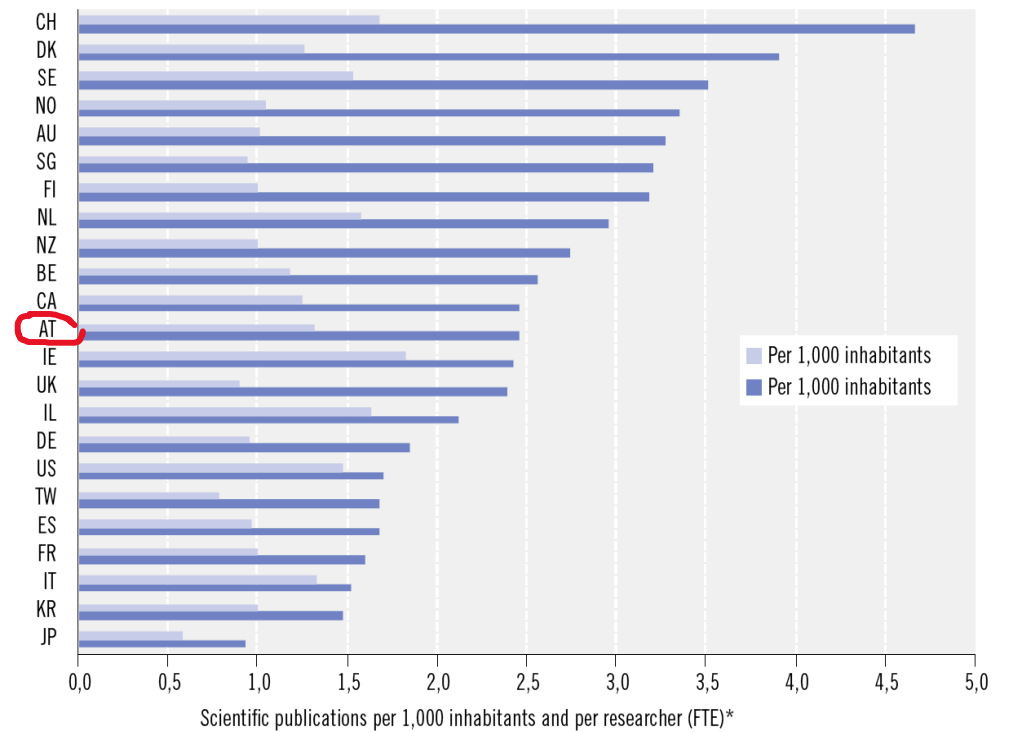


Key Performance Indicators of R & D in Austria

Patent intensity in Austria and the reference countries, 1995 and 2014



Publication intensity in Austria and the reference countries, 2014



Source: Austrian Research and Technology Report 2017

Strength and Focal Points of Austrian Science and Research

- Quantum communication and information
- Industrial and medical biotechnology
- Mechatronics
- Automotive and production technology
- Smart grids and public transport

- In 2017, Austria ranked fourth in the EU in terms of new graduates in science and engineering

Source: OECD Reviews of Innovation Policy: Austria 2018

Thematic Priorities of R&I Related to the European Structural and Investment Funds

- Information and Communication Technology
- Life Sciences
- Material sciences and smart production
- Bio-economy and sustainability
- Humanities, social sciences and cultural studies (including social innovation)
- Climate change
- Energy use and handling scarce resources
- Securing quality of life in view of demographic change (including urbanisation, mobility and migration)

An Overview of Austrian Universities

▪ Comprehensive Universities

- University of Innsbruck
- University of Vienna
- University of Graz
- University of Linz
- University of Salzburg
- University of Klagenfurt

▪ Medical Universities

- Medical University of Graz
- Medical University of Vienna
- Medical University of Innsbruck

▪ Universities of Technology

- Vienna University of Technology
- Graz University of Technology

▪ Universities of Economics

- Vienna University of Economics and Business Administration

▪ Universities of Veterinary Sciences

- University of Veterinary Medicine, Vienna

▪ Agricultural and Life Science Universities

- University of Natural Resources and Life Sciences, Vienna

▪ Universities of Mining

- University of Mining, Leoben

▪ Universities of the Arts (music)

- University of Music and Performing Arts Vienna
- University of Music and Dramatic Arts Mozarteum, Salzburg
- University of Music and Dramatic Arts, Graz

Top-Ranked Research Subjects at Austrian Universities

Business & Management Studies (U Economics, Vienna)

Communication & Media, Linguistics (U Vienna, U Graz)

Architecture (TU Vienna, TU Graz)

Computer Science and Information System, Engineering (TU Vienna, U Linz)

Civil Engineering (TU Vienna)

Medicine (MU Vienna, MU Graz)

Agriculture & Forestry (BOKU)

Performing Arts (U Music Vienna, U Music Graz), U of Music Vienna ranked #1 worldwide in this subject

Veterinary Medicine (U Vet. Med. Vienna)

Physics (U Innsbruck)

Earth Sciences (U Graz)

Tourism (Krems)

Compiled from QS World University Rankings by Subject, 2020

QS Ranking Best Student Cities

Vienna currently at position 13, (4th place for EU cities)

Citations from report:

„It also offers some of the lowest tuition fees around for international students, earning it a **top 50 score for affordability.**“

„Vienna earns its highest score in the **desirability indicator**, climbing one place to sixth. It's frequently ranked as one of the world's most livable cities.“

Graz at position 79, Jakarta at position 109 out of 120



Worldwide City Rankings

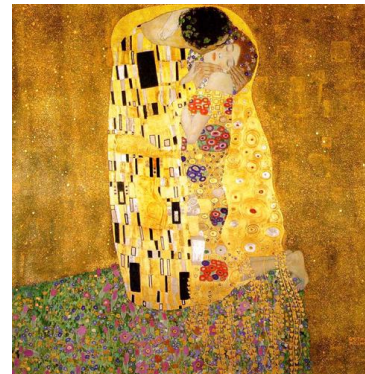
- Mercer ranked Vienna as the #1 „most livable city in the world“ for 10 years in a row (out of 231; Singapore #25, Jakarta #142)
 - Stability
 - Health services
 - Education
 - Infrastructure
- Mercer ranking on **personal safety** (internal stability, crime, etc.): Vienna is ranked 6th worldwide

<https://mobilityexchange.mercer.com/Insights/quality-of-living-rankings>



Living and Studying in Austria

- Excellent and high-level education and research
- (relatively) affordable, low tuition fees at universities
- Excellent public transport
- Safe cities, very low crime rates
- Culture and music
- Green cities with many parks, excellent possibilities for recreation (sports, hiking, biking, skiing, etc)
- Food





Funding Opportunities in Austria

Maria Unger | Austrian Agency for International Cooperation in Education and Research (OeAD)



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The OeAD – Their Tasks



The OeAD is *the* **Austrian Agency for international mobility and cooperation in education, science and research** and

- administers funding/scholarship programmes and support recipients of grants,
- provides information and advice for students and researchers,
- promotes Austria worldwide as an attractive location for education and research,
- acts as a National Agency for Erasmus+

Information Services



Higher Education Marketing

Increasing the attractiveness of Austria as a location for higher education and research

www.studyinaustria.at

Find your programme

Database of all German- and English-taught study programmes at Austrian higher education institutions

www.studienwahl.at/en

Euraxess – Researchers in Motion

Provides information, cross-links and provides service to researchers

www.euraxess.at

OeAD Info Centre

Information and personal assistance regarding study and research in Austria

info@oead.at, +43 1 534 08-500

Entry to and Residence in Austria

The legal department of the OeAD provides information about legal provisions for international students and researchers

recht@oead.at

Grants.at

Database for scholarships and research grants

grants@oead.at



www.grants.at



grants.at

SEARCH TIPS QUESTIONS & ANSWERS WHAT IS GRANTS.AT?



Search by name

name

entries

Search by category

Country of origin:

Target country:

- Type of grant:
- Grants for whole degree programmes in the target country
 - Semester and/or one-year grants
 - Grants for summer courses
 - Practical trainings
 - Subsidies, allowances
 - Awards, prizes
 - Research grants
 - Research allowances
- Target group:
- Undergraduates
 - PhD holders, post docs

Indonesia



grants.at



Detailed search for

- Category (grant for a whole degree programme, semester or one-year grant, research grant, award/prize, practical training, research funding, grant for summer courses)
- Country of origin
- Target group (e.g. PhD student, postdoc)
- Study/research field
- Funding organisation

→ All information concerning application requirements, duration, deadlines, etc.

→ More than 1,200 funding opportunities – grants of all main Austrian and international funding organisations

OeAD Scholarships



Ernst Mach Grant – worldwide

- for PhD students and postdocs (age limit: 35 years)
- all areas of study
- 1 to 9 months
- monthly grant rate (PhD students: 1,050 EUR / postdocs: 1,150 EUR; travel cost subsidy: max. 1,000 EUR)

Ernst Mach Grant – ASEA-UNINET

- for PhD students and postdocs from Cambodia, **Indonesia**, Philippines, Thailand, Viet Nam
- PhD students: max. 36 months
Post docs: 1 to 9 months

OeAD Scholarships



Indonesia - Austria Scholarship Programme

- For postgraduates from Indonesia who are qualified for a doctoral/PhD programme in Austria
- All areas of research
- Age limit: 35 years or maximum 5 years after obtaining MA degree
- 36 months + 9 months preparatory phase before departure
- Monthly grant rate: €1000, travel cost subsidy, annual allowance for books, conference participation, thesis & family allowance
- Closing date for applications: 31.03.2021
- Where to apply: Indonesian Ministry of Education, Mrs. Anis Apriliawati
anis.apriliawati@kemdikbud.go.id

OeAD Scholarships



Franz Werfel Fellowship

- for young university teachers of the German language and Austrian literature
- to work as visiting researchers at university departments and carry out specialist studies in libraries, archives or at research institutions
- 4 to 9 months

Richard Plaschka Fellowship (Praedoc and Postdoc)

- for university lectures in the field of history, primarily occupied with Austria-related topics
- to work as visiting researchers at university departments and institutes and carry out specialist studies in libraries, archives or at research institutions
- 4 to 9 months

Erasmus+ Higher Education worldwide

Cooperation with Partner Countries (academic mobility)



International Mobility between Programme & Partner Countries

→ **Student or Staff Mobility** to / from Erasmus+ Partner Countries

- **Studies:** 3 – 12 months (credit mobility) in a partner university
- **Traineeship:** 2 – 12 months in a relevant organisation; recognition foreseen
- **Teaching** (short-term) at a partner university abroad or
- **Job-related training** at suitable institutions (university, company, NGO) abroad
- Financial support for **travel and subsistence**

→ **Funding**

- **Student mobility:** 700 – 850 Euro per month;
- **Staff mobility:** 160 – 180 Euro per day;
- One-time payment of the **travel grant** according to distance

Erasmus+ Higher Education worldwide

Cooperation with Partner Countries (academic mobility)



Erasmus Mundus Joint Master Degrees

- **High quality accredited course offers** aiming at
 - fostering **quality, innovation, excellence** and **internationalisation** in HE;
 - increasing quality and attractiveness of the EHEA by offering full degree scholarships to the best **Master students worldwide**; improve the level of competences and skills of Master graduates, and in particular for the labour market.
- **Consortium, Funding & Information**
 - Min. 3 HEI from different Programme Countries, additional partners welcome
 - https://eacea.ec.europa.eu/erasmus-plus/library/scholarships-catalogue_en
 - **Funding:** up to 5 Mio. Euro (Consortium: max. 220,000 Euro; Students from Partner Countries: max. 49,000 / Programme Countries: max. 35,000 Euro)
- Annual call – next deadline **February 2021**

EURAXESS – Researchers in Motion



EURAXESS Austria

www.euraxess.at

- part of the EU initiative 'EURAXESS- Researchers in Motion' www.euraxess.org,
- provides **information and assistance** for all questions essential to the **career development & mobility** of researchers and their families.
- EURAXESS Jobs & Funding offers **jobs vacancies** for researchers throughout Europe.

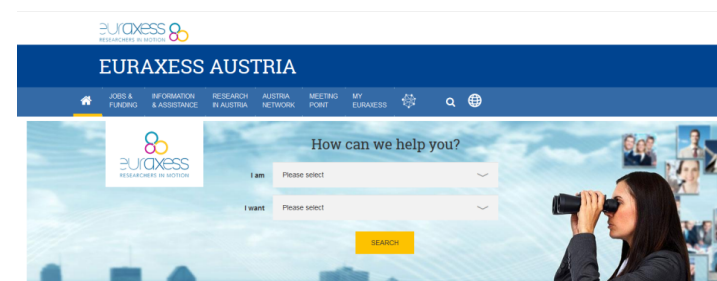


www.euraxess.at



Current and comprehensive information on all questions essential to researchers and their families & assistance:

- Research **funding**
- Research **job opportunities**
- **Career Development**
- Legal issues (**visa, tax, social security, ...**)
- Administrative and cultural issues (**housing, family issues, ...**)
- Austrian **research landscape**
- **Women** in Science
- Contact details of **Euraxess Centres** in Austria (universities, research organisations)
- **Euraxess Meeting Point Vienna**
- Researcher's **Guide** to Austria (.pdf)



Researcher's Guide to AUSTRIA

Welcome to Austria!
Willkommen in Österreich!



Steps for the Application of a Scholarship

- 1) As an initial step the candidate should visit www.grants.at to specify the type of scholarship which fits to the goals of the applicant.
- 2) The candidate has to send his/her **research proposal** to a potential supervisor (Professor) at one of the Austrian Universities, prepare this research proposal only after **mutual agreement** on the topic with the supervisor
- 3) **A letter of acceptance** from an Austrian supervisor is a **prerequisite for a successful application**
- 4) The selection of candidates is performed by an Austrian-Indonesian Board of experts by special interviewers (Ernst-Mach ASEA Uninet grant, ID-A scholarship programme)
- 5) All further steps will be supported by the administrator for Indonesian scholarships in Austria in close cooperation with Indonesian and Austrian authorities

The Research Proposal

The applicant's research proposal for an innovative contribution should focus on a specific research question, contain a clear and detailed description of the research directions and objectives as well as the methodological approach (3-6 pages). It should include:

- A clear problem description
- Expected results
- Methodological approach
- State of the art (incl. References)
- List of the applicant's publications (if already available) or qualification to do the research



ASEA UNINET

ASEA Uninet

ASEAN European Academic University Network



Founded in 1994 by universities from Austria, Indonesia, Thailand and Vietnam, is a network of currently more than 80 universities from 18 different countries

ASEA Uninet is organised so that each member university has a coordinator (university coordinator), and each member country has a national coordinator as well, in addition there is a chairperson and vice chairperson(s)

Regular meetings on level of university and national coordinators

<https://asea-uninet.org/>

Mission of ASEA Uninet

to encourage and facilitate relationships between universities, governmental and non-governmental organisations and economic operators engaged in projects related to education, science, technology, innovation and art in the countries of the member universities,

to enable and support cooperation between academic institutions in staff/student exchange, teaching and research activities,

to contribute research relevant to the world's problems, specifically to the target areas set out in the sustainable development goals and implementing SDG's slogan of "no one should be left behind",

to promote scientific, cultural and human relationships and personal contacts and to increase intercultural exchange and understanding.

ASEA Uninet Member Universities

All Austrian Universities are members as well as
11 universities from Indonesia

- Universitas Gadjah Mada, Yogyakarta
- Institut Teknologi Sepuluh Nopember, Surabaya
- Diponegoro University, Semarang
- Universitas Indonesia, Jakarta
- Institute of Technology Bandung
- Udayana University, Bali
- University of Sumatera Utara
- Airlangga University, Surabaya
- Bogor Agricultural University, Bogor
- Hasanuddin University, Makassar
- Institut Seni Indonesia, Yogyakarta

ASEA Uninet, Indonesian Coordinators

National Coordinator for Indonesia

Dr. Baiduri Widanarko, PhD

Head of International Office, Universitas Indonesia, Jakarta

Depok Campus, Depok 16424, Jakarta

Tel.: +62-21 78880139, 786 7222 ext.100520

E-mail: baiduri@ui.ac.id or ui-asea-uninet@ui.ac.id

– Vice National Coordinator –

Ir. Muhammad Iqbal Djawad, M.Sc, Ph.D

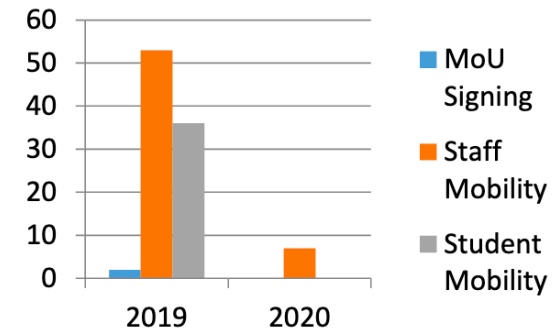
Director of International Partnership, Hasanuddin University

Jl. Perintis Kemerdekaan, Makassar 90245

E-mail: iqbaldj@unhas.ac.id or iqbaldj@gmail.com

Activities of Indonesian Partner Universities in 2019

- MoU Signing
- Staff Mobility:
 - Joint Program for Inbound Staff Mobility
 - Joint Research
 - International Community Outreach Program
 - Post-doc Study
 - Visiting Professors
- Student Mobility:
 - ASEA UNINET Students Week
 - International Community Outreach Program



Year	MoU Signing	Staff Mobility	Student Mobility	Total
2019	2	53	36	91
2020	-	7	-	7

ASEA Uninet – Cooperation projects

Cooperation projects between Indonesian and Austrian member universities

- Initiation projects, mobility costs for up to 7 days
- Cooperation projects, mobility costs for up to 3 months, some project costs if necessary (joint research, seminars, lectures, etc.)

However, currently only costs for stay in Austria is covered for Indonesian participants, travel costs have to be covered from the Indonesian side

Applications have to be submitted by the Austrian partner

Acknowledgement

Terima kasih

Thanks to Mrs Maria Unger for compiling and sharing slides on OeAD and scholarship opportunities