



# COLLABORATIONS WITH SOUTH AFRICA, JAPAN, SOUTH KOREA AND ITALY

2022-06-17



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# TODAY WE WILL PRESENT

- SASUF 2030 (strategic collaboration with South Africa)
- MIRAI 2.0 (strategic collaboration with Japan)
- South Korea project (strategic collaboration with South Korea)
- Swetaly (strategic collaboration with Italy)
- Other research funding possibilities



# TODAY'S PROGRAMME

**8.30-9.30**

Introduction to international collaborations

SASUF 2030 (South Africa)

Coffee/tea refill

**9.20-10.00**

MIRAI 2.0 (Japan)

South Korea project

Swetaly (Italy)

Other research funding possibilities

**10.00-10.20**

Mingle, questions etc.

**10.20-10.30**

Summary and follow up questions



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# **INTERNATIONAL COLLABORATIONS**

**Dieter Müller  
Deputy Vice-Chancellor**



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# **SASUF 2030**

**Helin Bäckman Kartal**  
**Project Coordinator Uppsala University**



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South Africa

Sweden

University Forum

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**Helin Bäckman  
Kartal**



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# AGENDA

- SASUF 2030 – The New Era of Collaboration
  - What does it mean, contain and how does it work?
- Funding possibilities
- SASUF Timeline 2022-2024



# STRONG PARTNERSHIP IN SOUTH AFRICA AND SWEDEN



VUT  
*Your world to a better future*



UNIVERSITY OF ZULULAND  
*RESTRUCTURED FOR RELEVANCE*



UNIVERSITY OF JOHANNESBURG



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA



UPPSALA UNIVERSITET



Cape Peninsula University of Technology



UNIVERSITY OF GOTHENBURG



University of Fort Hare  
*Together in Excellence*



Karolinska Institutet



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NELSON MANDELA UNIVERSITY



Tshwane University of Technology  
*We empower people*



RHODES UNIVERSITY  
*Where leaders learn*



NORTH-WEST UNIVERSITY  
YUNIBESITHI YA BOKONE-BOPHIRIMA  
NOORDWES-UNIVERSITEIT



UNIVERSITY OF STELLENBOSCH UNIVERSITY



LUND UNIVERSITI



UNIVERSITY OF THE WESTERN CAPE



MALMÖ UNIVERSITY



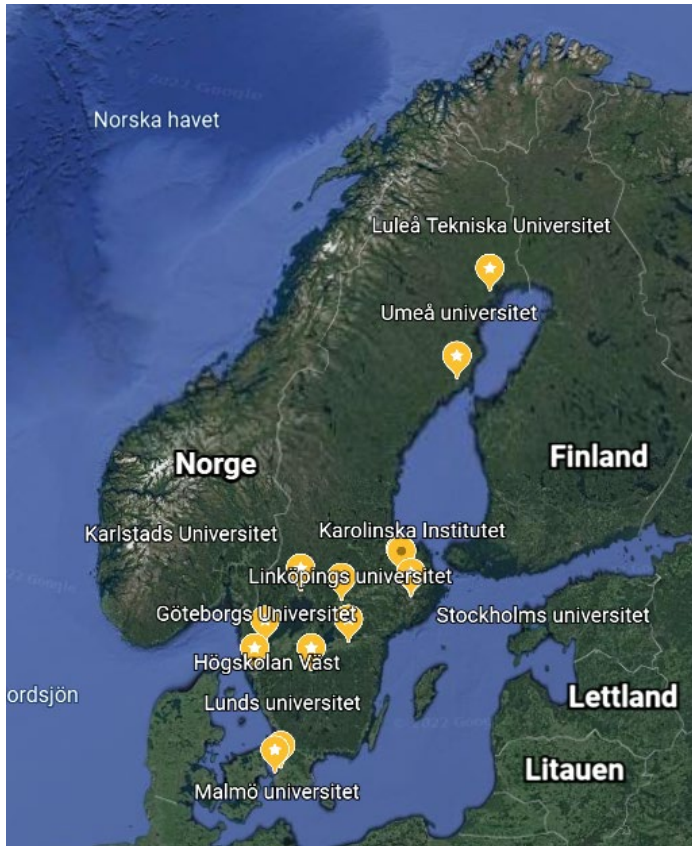
SOL PLAATJE UNIVERSITY  
*Light from Africa - for Humanity • Lesedi la Afrika - for Better • Lig uit Afrika - vir die Mensdom*



KARLSTAD UNIVERSITY









# SASUF 2030: 2022-2024

1. **Research & Innovation Weeks** (2 physical + 1 virtual)
  - Satellite events
  - Sustainability Forum
  - SASUF Goes Digital
2. **Seed funding** to get collaboration off the ground
3. **Virtual collaboration funding**





# SASUF 2030: 2022-2024

1. **Research & Innovation Weeks** (2 physical + 1 virtual)
  - Satellite events
  - Sustainability Forum
  - SASUF Goes Digital
2. **Seed funding** to get collaboration off the ground
3. **Virtual collaboration funding**

**To concretize how SASUF works from a researcher perspective...**





Researcher X has a need to expand her international network and knowledge base in order to be able to strengthen her career. X is actively looking for opportunities to do so.



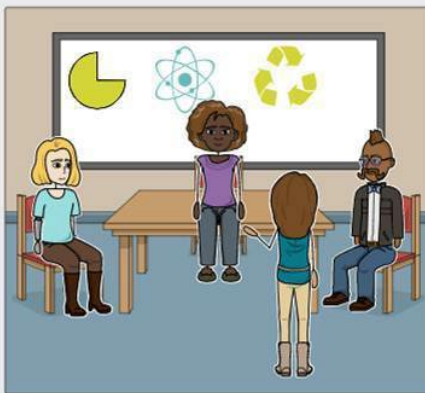
X finds out about an opportunity to take part in the SASUF Research & Innovation Week, applies and is selected for participation.



In South Africa, x presents her research and what type of collaboration she is looking for. X meets several South African (and Swedish!) colleagues sharing the same interest.



Together with new colleagues in both countries, X applies for and is granted seed funding for a small project.



The project is successful - new knowledge and methods (etc.) have been generated.



X has expanded her international network and knowledge base. X has strengthened her career prospects and improved possibilities to compete for more substantial research funding.



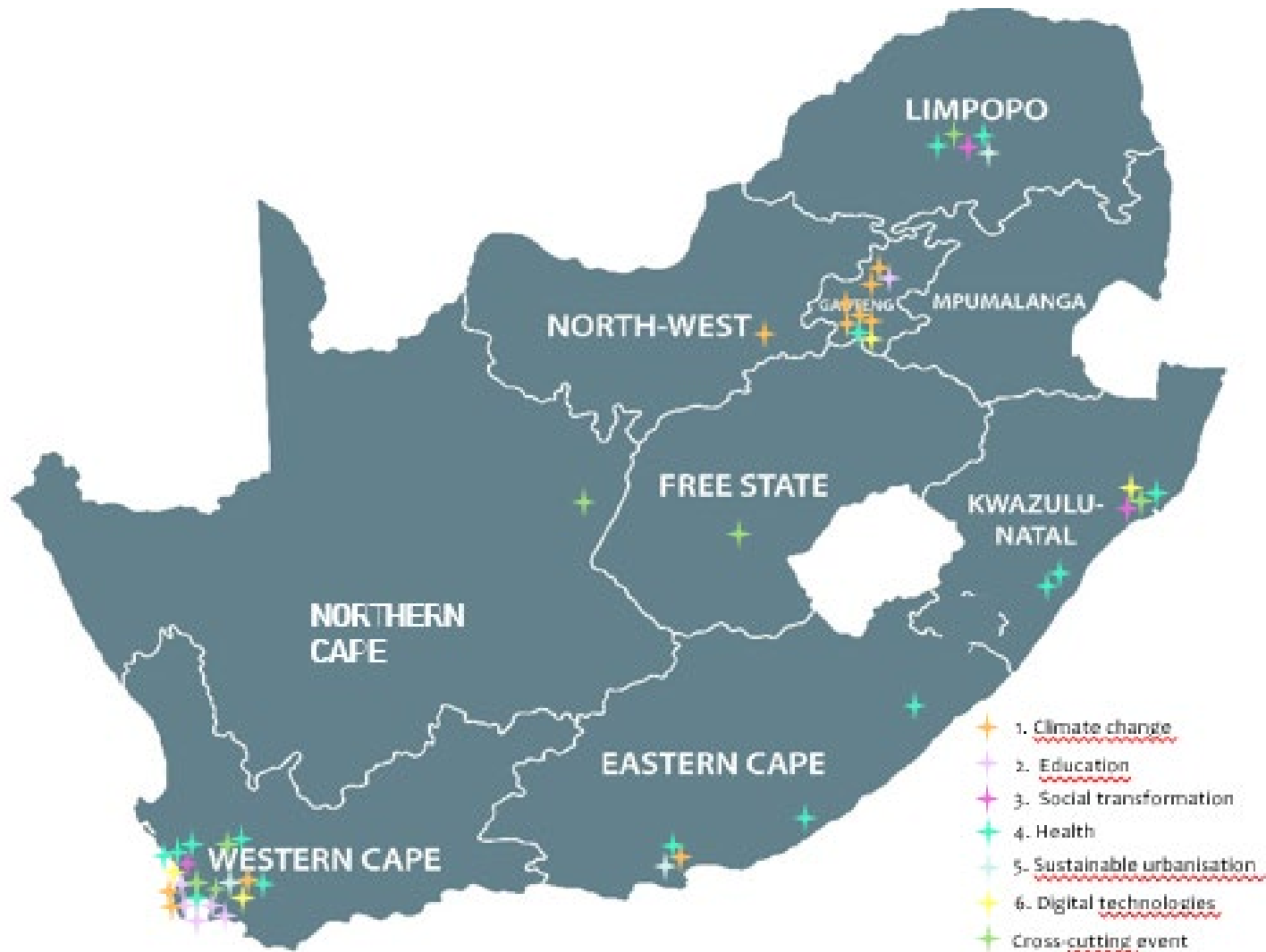
South Africa  
Sweden  
University Forum

# RESEARCH AND INNOVATION WEEKS

- Concept of bringing together stakeholders from both countries
- Packed with activities to increase collaboration
  - Workshops, seminars, guest-lectures, site visits, alumni meetings, industry events, etc.
- Early part of the week: Satellite Events
- Later part of the week: Sustainability Forum



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# FUNDING IN SASUF

- SASUF is funded by:
  - The Swedish Foundation for International Cooperation in Research and Higher Education (STINT)
  - The National Research Foundation (NRF)
  - All 38 partner universities
- SASUF can fund:
  - Virtual Exchange Grants
  - Seed Grants
- Partner Universities can fund:
  - Participation in Research and Innovation Weeks





# FUNDING POSSIBILITIES

- **Virtual Exchange Grants**

- Call for Virtual Exchange Grants will open **during SASUF Goes Digital 2022**
- Next step approach to virtual collaboration by facilitating constructive people-to-people communication and interaction in higher education
- Develop virtual exchange activities such as courses, programmes or projects
- Amount ranging from 150 000 - 250 000 SEK (240 000 - 400 000 ZAR) depending on scope / ambition

- **Seed Grants**

- Call for Seed Funding will open **during the Research and Innovation Week 2023**
- Provide participants with a clear incentive to find common ground in collaborating on a project linked to the SDGs
- Amount ranging from 50 000 -100 000 SEK (80 000 – 160 000 ZAR) depending on scope / ambition







# VIRTUAL EXCHANGE GRANTS: WHAT TYPE OF ACTIVITIES CAN YOU APPLY FOR?

- Update an **already existing course** with virtual elements
  - Exchange of virtual guest lecturers, virtual projects/assignments
- Planning and/or implementation of **new joint courses** with teachers and students from both countries
  - Creating a new course as part of ordinary curricula/programme
    - Formal credits awarded to participants
- Planning and implementation of **informal courses or projects**
  - Creating a new course or project outside of ordinary curricula/programme
  - No credits but recognition: microcredits, certificate etc.
  - Living labs, projects, challenges, summer schools
- Any activity that encourages cross-cultural teamwork, understanding, and problem solving





# ELIGIBILITY CRITERIA

- Encourage collaboration between as well as within each country a project must include:
  - Partner universities from both countries (2+2)
    - All inclusive broad participation from all South African Universities
  - Student involvement
  - Be connected to the SDGs
  - Encourage inclusion of external stakeholders
  - The above stated criteria goes for both calls for funding





# SASUF TIMELINE 2022

- Virtual Research and Innovation Week: SASUF Goes Digital
  - **19-23 September 2022**
  - Call for workshops / sessions **now – 21 August**
  - Call for virtual collaboration projects will open **23 September – 29 November**





# SASUF TIMELINE 2023-2024

- Research and Innovation Week in **South Africa**
  - **27-31 March 2023**
  - Call for workshops / sessions / satellite events **December/January**
  - Call for seed funding applications will open **April – May/June**
- Research and Innovation Week in **Sweden**
  - **May 2024**
  - November/December 2024: Final report deadline for all collaboration projects (virtual + in-person)
  - December 2024: SASUF ends





South Africa  
Sweden  
University Forum

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[www.facebook.com/SouthAfricaSweden](http://www.facebook.com/SouthAfricaSweden)



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# RESEARCH COOPERATION WITHIN SASUF

**Annika Manni**  
**Dep. of Applied Educational Science**



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# **RESEARCH COOPERATION WITHIN SASUF**

**Natuschka Lee**  
**Dep. of Ecology and Environmental Sciences**



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# **TO INVOLVE STUDENTS IN SASUF**

**Helin Bäckman Kartal**



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South Africa  
Sweden  
University Forum

# SASUF STUDENT NETWORK

## THE STUDENT BOARD 2022/2023

THE SASUF STUDENT NETWORK

*CONNECTS STUDENTS FROM 38 PARTNER UNIVERSITIES IN SOUTH AFRICA AND SWEDEN*



THUTO MASHILA  
UNIVERSITY OF PRETORIA  
DEPUTY CHAIR



SEKEDI PRUDENCE MABATHA  
UNIVERSITY OF LIMPOPO  
DEPUTY CHAIR



ANDILE MTHEMBU  
UNIVERSITY OF ZULULAND  
CHAIR



JULIA FORSBERG  
UPPSALA UNIVERSITY  
DEPUTY CHAIR



ARINZECHUKWU ONWURAH  
MALMÖ UNIVERSITY  
DEPUTY CHAIR



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# SASUF STUDENT NETWORK

- Representatives from all partner universities
- Rotating chairmanship
- Meeting every sixth week
- 900+ students in the network
- Student Network Conference(s)
- Facebook and Instagram page  
→ SASUF Student Network





# PRACTICAL WAYS TO INVOLVE STUDENTS IN SASUF

- How I got involved with SASUF as a student
  - Collect data for my thesis through MFS
  - Connected my thesis to SASUF research project
  - Contact person in the host country
- Present results at the SASUF Goes Digital conference
- Continued to be involved in the SASUF Student Network
- Internship at the Embassy of Sweden in Pretoria
- Working with SASUF today



# **MIRAI 2.0**

**Greg Neely**  
**Pro Dean Faculty of Social Sciences**



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# MIRAI 2.0

- Aims at connecting Swedish and Japanese universities through research, education and innovation.
- The project is specifically directed at researchers at an early stage of their career, to lead future joint activities between universities in the two countries.
- Activities within the project; research & innovation weeks taking place in both Sweden and Japan, scientific workshops and seminars organized within the thematic focus areas, short courses for PhD's and seed-funding to support promising collaborative initiatives.



# MIRAI 2.0

- **Five established groups (TEGs) within MIRAI:**

- Artificial Intelligence
- Ageing (Umu co-chair Carl-Johan Boraxbekk)
- Materials Science
- Sustainability (Umu representative Carina Keskitalo)
- Innovation and Entrepreneurship Group (IAEG)

- **Reference group, Umu**

Katrine Riklund, Greg Neely, Carina Keskitalo, Markus Naarttijärvi, Carl-Johan Boraxbekk, Ove Andersson, Janina Priebe

- **AI:** Markus Naarttijärvi
- **Materials Science:** Ove Andersson



# MIRAI 2.0 IMPORTANT ACTIVITIES

- Workshops: <https://www.mirai.nu/workshops-2022/>
- Research and Innovation Week (Japan): 15-18 November, 2022
- INTSAM- possibility to apply for travel grants for R&I week (mirai.nu)
- Possibility of internal seedfunding: second run of seed funding





# POSSIBILITY OF SPECIFIC COLLABORATION INITIATION GRANTS

- **STINT: Initiation Grants**

Applications may be submitted continuously throughout the year. Assessment of received applications starts on the following dates in 2022: **6 September and 15 November.**

The applied amount shall not exceed 150,000 SEK

- **MIRAI 2.0 – Joint seed funding of Japan-Sweden collaborative projects (at present there are 3 UMU projects, 67 000 sek/projects)**



# MIRAI 1.0, MIRAI 2.0

## **Materials Science:**

Ove Andersson, dep of Physics, Materials Science (1.0 and 2.0)

Piotr Matyba, dep of Physics, Materials Science (1.0)

Marta Bally, dep of Clinical Microbiology, Materials Science (1.0)

Dolores Bernenko, department of Physics, Materials Science (1.0)

Hamid Reza Barzegar, department of Physics, Materials Science (1.0)

Tiva Sharifi, department of Physics, Materials Science (1.0)

## **Ageing:**

Glenn Sandström, dep of Historical, Philosophical and Religious Studies, Ageing (1.0 and 2.0)

Mojgan Padyab, dep of Social Work, Ageing (1.0 and 2.0)

Carl-Johan Boraxbekk, dep of Radiation Sciences, Ageing (1.0 and 2.0)

Ailiana Santosa, Centre for Demographic and Ageing Research (1.0)

Anna Sundström, dep of Psychology, Ageing (1.0)

Wossenseged Birhane Jemberie, dep of Social Work, Ageing (1.0)

Petra Sandberg, dep of Radiation Sciences (2.0)

Nina Karalija, dep of Radiation Sciences (2.0)

Mattias Hedlund, dep of Community Medicine and Rehabilitation (2.0)

## **Sustainability:**

Agneta Andersson, dep of Ecology and Environmental Sciences, Sustainability (1.0)

Danny Chun Pong Lau, dep of Ecology and Environmental Sciences, Sustainability (1.0)

Carina Kestkitalo, dep of Geography, Sustainability (2.0)

Irina Mancheva, dep of Political Science, Sustainability (2.0)

## **AI:**

Markus Naarttijärvi, dep of Law, AI (2.0)

## **Hum:**

Janina Priebe, dep of Historical, Philosophical and Religious Studies, (2.0)

## **Innovation:**

Lisandro Bernardo, Umu holding (1.0)



# MIRAI 2.0

Three collaboration projects from Umeå University have received seed funding:

- Living arrangement and healthcare utilization in aging societies: an intercountry comparison between Sweden and Japan; Rong Fu (Waseda University) & Mojgan Padyab (Umeå University)
- Social economic status, lifestyle factors, and brain aging: comparison between Japanese and Swedish Community Cohorts; Izumi Matsudaira (Tohoku University) & Nina Karalija (Umeå University)
- Pollution of surface water by human pharmaceutical use; Xuepeng Qian (Sophia University) & Irina Mancheva (Umeå University)



# **RESEARCH COOPERATION WITHIN MIRAI**

**Mojgan Padyab  
Dep. of Social Work, CEDAR**



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# **RESEARCH COOPERATION WITHIN MIRAI**

**Irina Mancheva  
Dep. of Political Science**



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# RESEARCH COOPERATION WITH JAPAN: CHEMICAL POLLUTION FROM PHARMACEUTICALS AND WATER GOVERNANCE

- Who we are: three researchers from Sweden (UmU, GU and LiU) and two from Japan (Sophia University) from different disciplines.
- Irina Mancheva, political science, Anna Andersson, natural scientist (chemistry), Federico Micolucci, chemical engineering; Guangwei Huang, engineer (hydrological modelling), Xuepeng Qian, environmental engineer



# OUR PROJECT

By focusing on urban water pollution in the Tama River in Japan and Mälaren in Sweden, we want to investigate:

- What pharmaceuticals are among the leading pollutants in surface water in Japan and Sweden?
- Is there an observable change over time regarding types and quantities?
- What technologies are currently applied to remove pharmaceuticals (a state-of-the-art of current praxis) and how are the deficiencies of each technology addressed?
- What governance strategies are applied at the national (state), local-regional (Japan: prefecture/Sweden: region) and local (municipalities) level?
- Are there gaps between the governance strategies and the actions needed to address the pollution?



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# **SOUTH KOREA PROJECT**

**Helena Gradin, International Office**



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# **SWETALY**

**Birgitta Olofsson**  
**Dep. of Nursing**



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# SWETALY

- Swetaly University Collaboration aims to strengthen the academic relations between Sweden and Italy in research and higher education.
- Swetaly University Collaboration was launched in 2019 with more than 30 universities from Sweden and Italy expressing their will to participate.
- Three main topics:
  - Artificial Intelligence (Örebro University)
  - Ageing (University of Gothenburg)
  - Academic freedom/scholars at risk (University of Padova)



# **OTHER RESEARCH FUNDING POSSIBILITIES**

**Agneta Hånell Plamboeck  
Research Support and Collaboration Office**



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# NATIONAL AND INTERNATIONAL RESEARCH GRANTS

FORMAS



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# **CALLS WITH SOUTH AFRICA FOR SUSTAINABILITY, AGENDA 2030**



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# FORMAS

- **Sustainable Development Goals Collaborative Funding Call**  
25 August 2022 Deadline for Concept Note submission

Proposals for this call should consider one or two of the following challenges:

- Human well-being and capabilities
- Sustainable and just economies
- Food systems and nutrition patterns
- Energy decarbonization with universal access
- Urban and peri-urban development
- Global environmental commons



# HORIZON EUROPE

- Applicants from South Africa remain eligible for funding under Horizon Europe the EU's current research and innovation funding programme.
  - ERC: European Research Council
  - MSCA Postdoctoral Fellowships 2022 (HORIZON-MSCA-2022-PF-01)
  - MSCA Doctoral Networks 2022 (HORIZON-MSCA-2022-DN-01)



- HORIZON-JU-GH-EDCTP3-2022-CALL1-01-04. Creating a sustainable clinical trial network for infectious diseases in sub-Saharan Africa,
- HORIZON-JU-GH-EDCTP3-2022-CALL1-01-03. Genomic epidemiology for surveillance and control of poverty-related and emerging/re-emerging infections in sub-Saharan Africa
- INTPA/PRY/2021/EA-RP/0089. Technical Assistance Facility to Support Sustainable Infrastructure Development in South Africa
- HORIZON-CL5-2022-D3-02-02. AU-EU Energy System Modelling





**CALLS WITH JAPAN AND ITALY  
FOR ARTIFICIAL INTELLIGENCE  
AND  
AGEING**





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# HORIZON EUROPE

- **Artificial Intelligence: Cluster 4 – Digital, Industry and Space Topics WP 2023-2024 (draft ask RSO)**
- **Ageing: Cluster 1 – Health Topics WP 2023-2024 (draft ask RSO)**



# SUPPORT FOR RESEARCH


My employment Service and support Education and research Organisation and management 

Content filtered for: University Administration

- Support for education
- Support for doctoral studies
- Support for scholarship holders
- Support for research**
- Research planning
- Writing an application
- Support during the project phase
- After the project
- Courses and workshops
- Research on laboratory animals
- Research and COVID-19
- Academic ceremonies
- Collaboration and innovation
- Career development and support
- Announcements


## Support for research

Research is one of the university's core activities. Research should be innovative, take on the challenges of society and make an international impact in several fields.




### Research planning

Funding opportunities, ethics and legal aspects, safety and security, and research data management.




### Writing an application

Writing support and feedback, interpreting laws and requirements, and systems for research applications.




### Ongoing project

Start-up meeting for granted projects, continuous administration, budget and balance.




### After the project

Publish, communicate and archive research output and data.



### Document and templates

Templates for certificates, budget and time reporting.



### Courses and workshops

Courses and workshops for researchers and financial administrators.

#### LINKS

- [Academic ceremonies](#)
- [Collaboration and Innovation](#)
- [Research and COVID-19](#)
- [University Library](#)

#### CONTACT US

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<https://www.aurora.umu.se/en/education-and-research/support-for-research/>



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# RESEARCH SUPPORT OFFICE

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# WHO TO CONTACT



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# CONTACT PERSONS AT UMU

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Ingrid Svensson

- **SOUTH KOREA**

Helena Gradin  
Petra Käck

- **MIRAI (Japan)**

Jenny Ahlinder Hagberg  
Greg Neely

- **SWETALY (Italy)**

Anders Steinwall



# MINGLE

**Questions and networking**



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**THANK YOU**



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