



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

- The Cluster of Research Excellence on Sustainable Food Systems (CoRE-SFS)

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UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

2024

OPENDISTAL
20 SETTEMBRE

Objective, mission & vision



The CoRE-SFS addresses food-systems challenges by:

- conducting collaborative research on food-systems transformation;
- assuring continuity through a 10-year collaboration;
- pooling resources for scale and impact;
- significantly bolstering capacity in African institutions.



The CoRE-SFS contributes to sustainable food-systems transformation through the following **impact areas**:

- 1. food, nutrition, and health;**
- 2. poverty reduction, sustainable livelihoods, and jobs;**
- 3. climate-smart agriculture.**

Several important priorities (which remain open to a range of solutions). Examples include, but are not limited to:



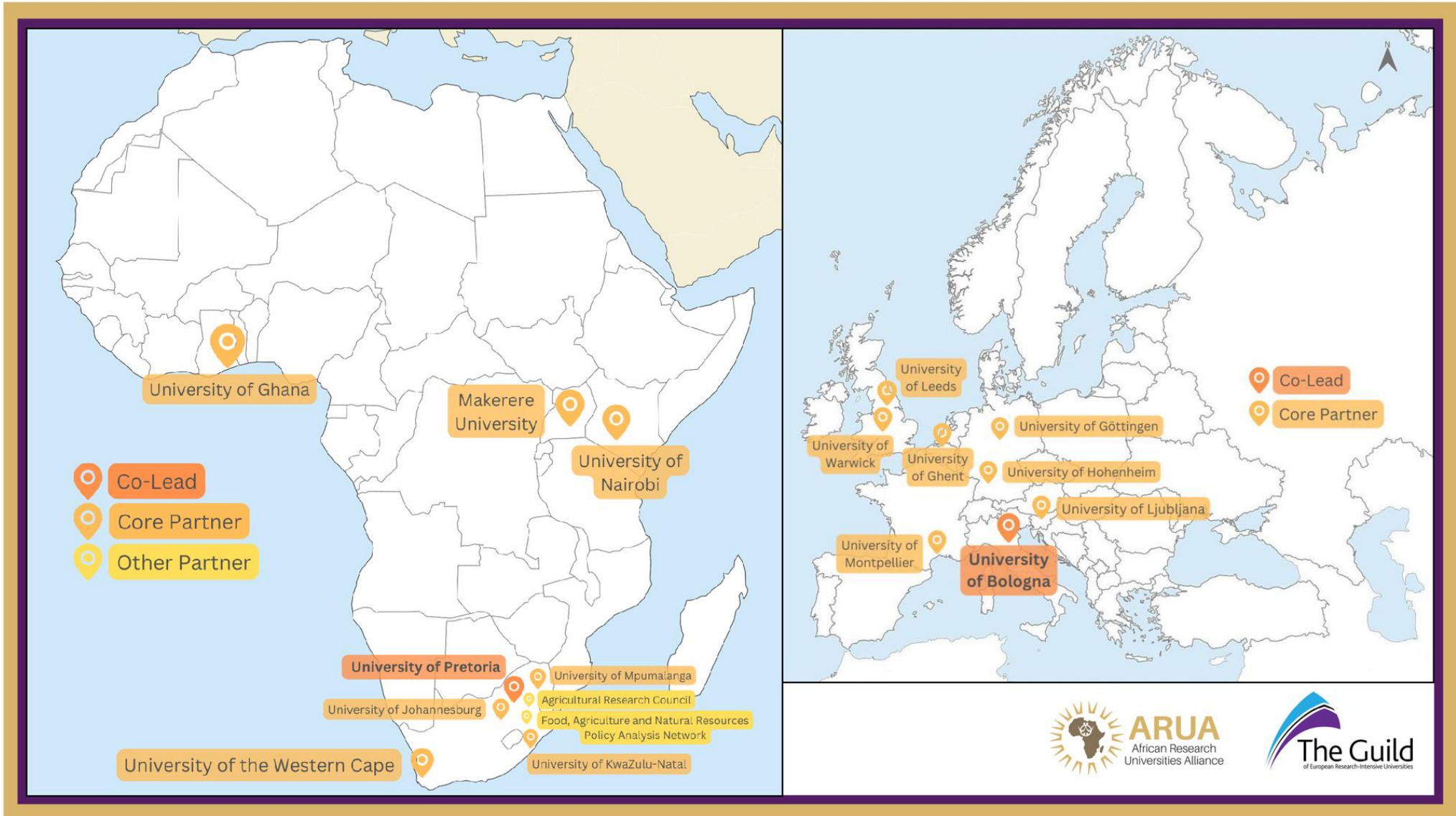
1. Genetic improvement and breeding of crops, fruit trees, livestock, and fish.
2. Development and adoption of technological innovations to improve production performance in the agricultural and food sectors.
3. Climate-smart agriculture to preserve ecosystems and improve water-use efficiency.
4. Nutrition and health, including exploring the interlinkages between agriculture, food, and people to ensure dietary diversity as well as safe and nutritious food.
5. Sustainable post-harvest loss and waste reduction along the value chain.
6. Optimising the social, economic, and environmental benefits from agri-food system activities, with a focus on poverty reduction and inclusivity (gender and the youth).
7. Strengthening policy and institutions through establishing ongoing engagement in research, education, and technology transfer in the agricultural and food sectors.
8. ...



Institutions involved



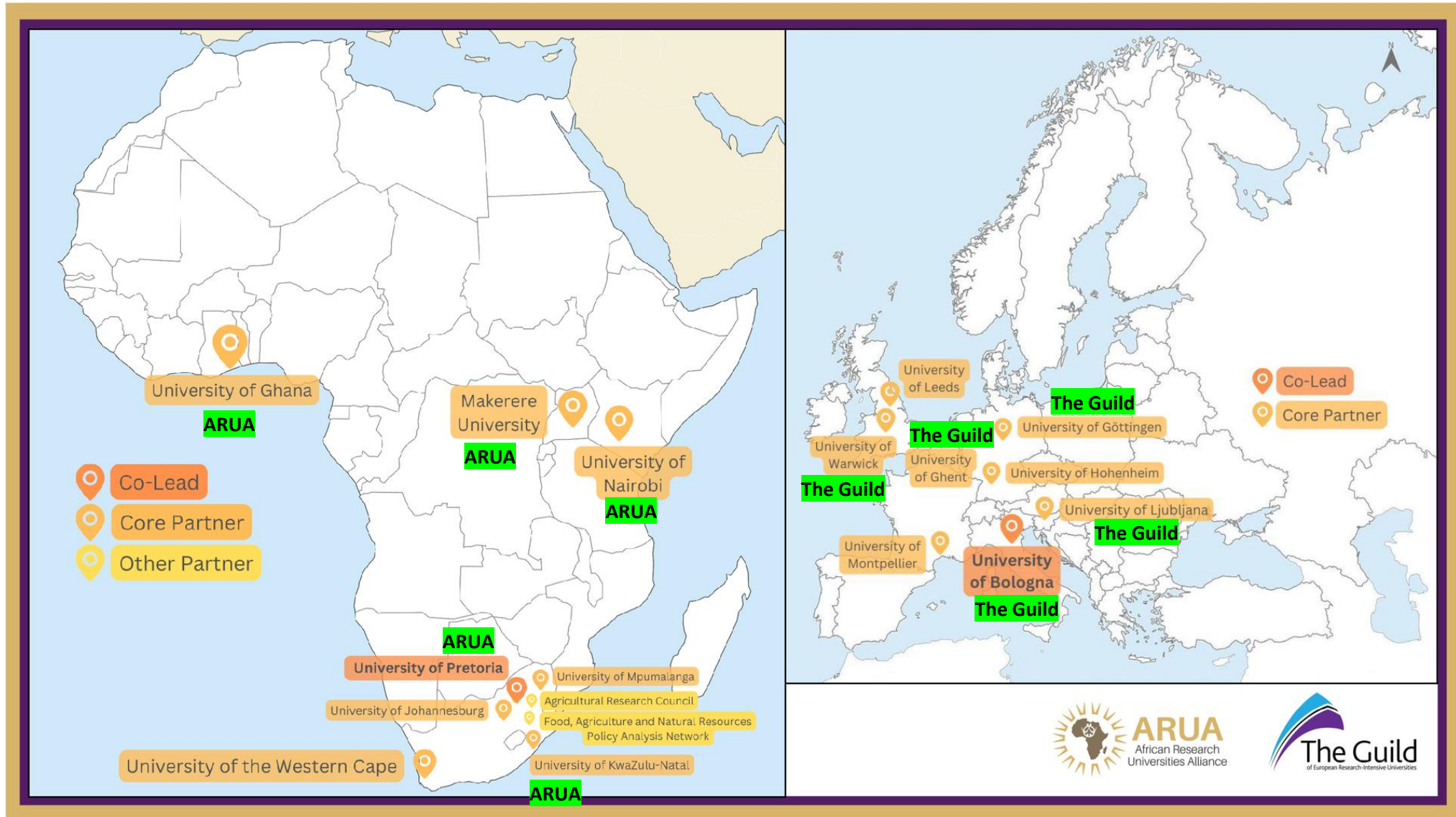
Africa - Europe
CoRE



Institutions involved

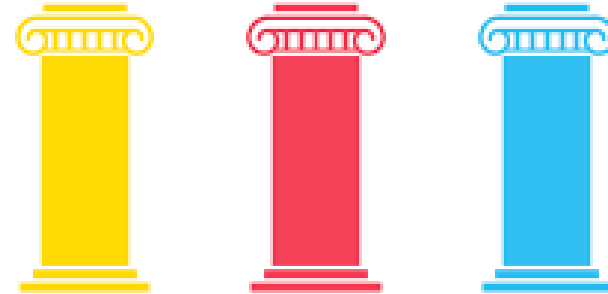


Africa - Europe
CoRE



Three pillars to foster equitable collaborations:

1. Research
2. Education
3. Technology transfer



Education



- Providing opportunities and promoting Africa/Europe exchanges of PhD students and post-docs;
- Funding PhD students in the Global Collaborative PhD Platform over the 10 years;
- Preparing and submitting new ERASMUS+ proposals;
- Developing joint PhD initiatives and collaborations;
- Developing collaborations with master's degree programmes;
- Organising annual training schools (e.g., COST Actions).



Research

- Preparing Africa/Europe joint research proposals in Horizon Europe;
- Promoting participation in MSCA postdoctoral fellowships;
- Preparing and submitting joint research proposal for possible funding from philanthropic foundations with a focus on Africa;
- Promoting Africa/European joint scientific publications;
- Sharing scientific facilities among the CoRE-SFS partners (for PhD and postdoctoral exchanges, joint projects, etc.).

Technology Transfer

- Dialogues, workshops, and activities to promote science-policy interface;
- Press releases, publications in e-journals and in professional journals;
- Organisation of webinars/seminars, workshops, and other events every year;
- Living labs.

Resources:

- research experience and facilities
- education and infrastructure
- knowledge transfer capability.

To facilitate collaboration and knowledge transfer and to build equitable and sustainable partnerships between the Global North and the Global South, across disciplines.



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CoRE-SFS Activities

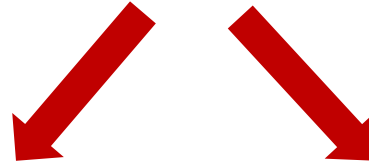


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CoRE-SFS: Next activities



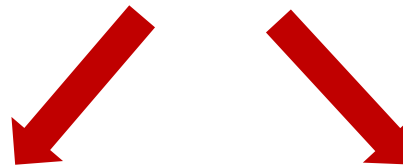
Match-making for joint AU-EU project proposals within Horizon Europe



Cluster 6 Work Program 2025

MSCA Doctoral Networks

Getting to know each other for future networking and collaborations



Screening and sharing the research expertise of the different groups

Organizing a series of WEBINARS on key research topics open to volunteer speakers



Joint AU-EU proposals within HEU Cluster 6 WP 2025



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Consolidating biodiversity knowledge for nature and society	35
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HORIZON-CL6-2025-01-BIODIV-03: Strengthening taxonomic approaches for biodiversity	40
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Restoring ecosystems for resilient society and economy	45
HORIZON-CL6-2025-01-BIODIV-05: Assessing and modelling ecosystems' dynamic processes to guide restoration activities and to improve models used for climate and land-use policies	45
HORIZON-CL6-2025-01-BIODIV-06: Assessing and modelling socio-economic impacts of nature restoration	47
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Horizon Europe - Work Programme 2025
Food, Bioeconomy, Natural Resources, Agriculture and Environment

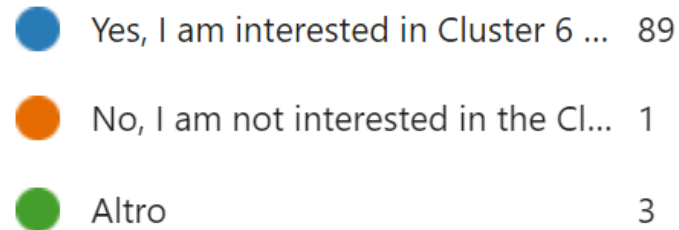
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Destination - Fair, healthy and environment-friendly food systems from primary production to consumption	60
Enabling sustainable farming systems	66
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- Ca 30 topics selected for potential collaboration within the SFS-CoRE
- A survey for expression of interested launched within all SFS-CoRE partners
- UNIBO researchers invited to join a specific call for expression of interest launched on July 31st
- Deadline for internal expression of interest: **September 10 2024**



The Sustainable Food System CoRE has selected ca. 30 topics of potential interest which you can find listed below. Please consult the Work Programme document and select the topics you could be interested in collaborating for a possible project proposal. When you select a topic, please specify your/your institute possible contribution to the research topic



Would you be interested in joining a MSCA DOCTORAL NETWORK proposal?

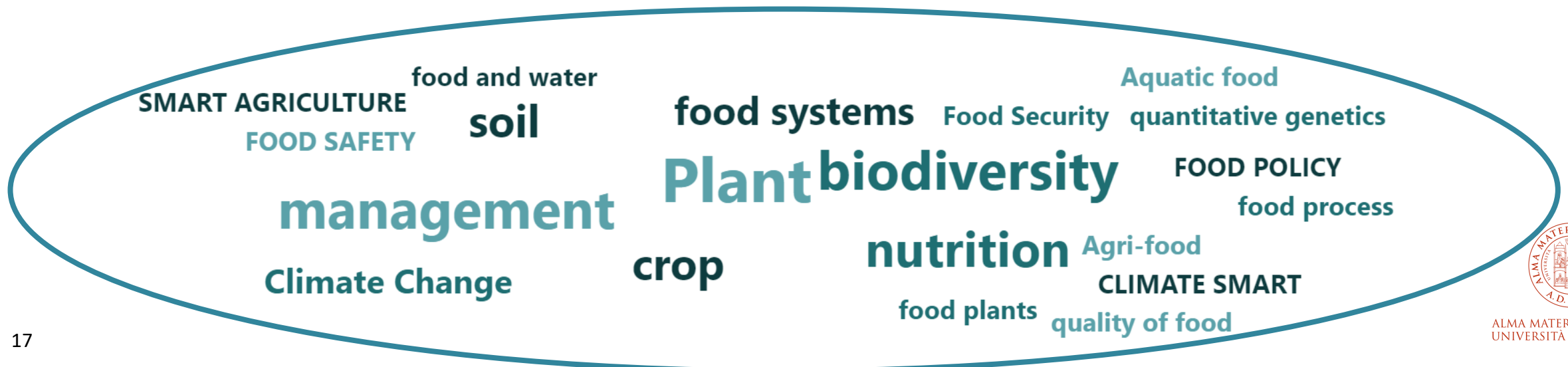
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A survey to get to know each other, for future networking and collaborations

- DISCLAIMER
- CONTACT
- GENERAL EXPERTISE (Keywords; Main research topics; Past and present projects etc)
- SURVEY ON POTENTIAL INTEREST FOR WEBINARS

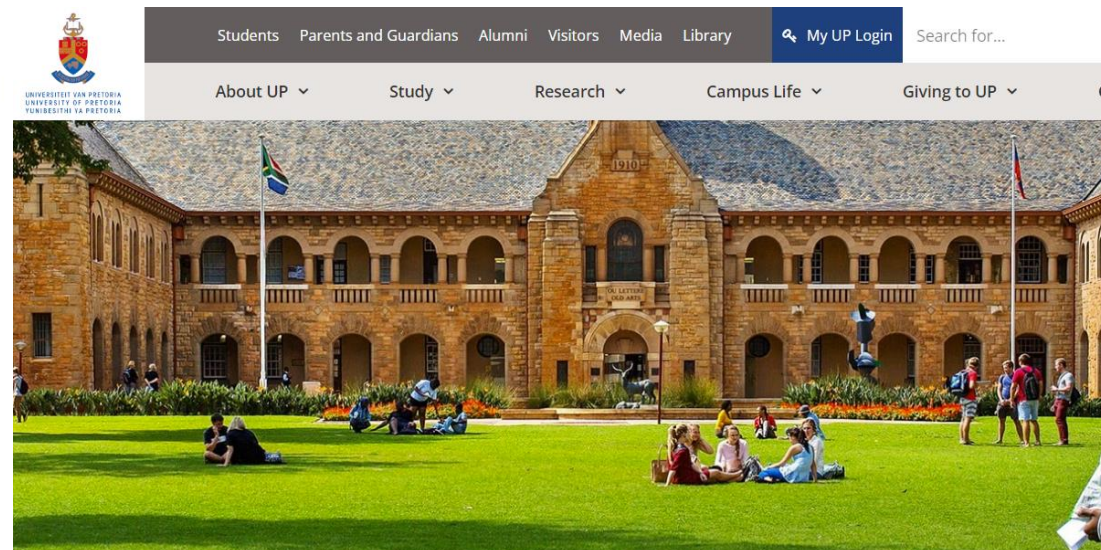


The Africa – Europe Clusters of Research Excellence Conference



29 September – 2 October 2024, Stellenbosch, South Africa

3-4 October 2024, Pretoria, South Africa
Kik-Off meeting of the Sustainable Food Systems Cluster of Research Excellence





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