



UNIVERSITÄT
HOHENHEIM

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WEBINAR 1

DAAD Agri Alumni Net: Introduction

Tradition meets digitalization – a new dream-team for sustainable land-use

17th March, 2023



UNIVERSITY OF NAIROBI



UNIVERSITY OF
HOHENHEIM





- Welcome note (Juliet)
- Introduction of participants
- General Introduction of the Agri-Alumni Net (Marcus and Katrin)
- Technical notes, organization and program (Juliet, Luta, Maria)
- Tradition meets digitalization - a new dream team? (Participants - 3 min, 3 slides max)
- Summary and final remarks (Juliet)



- Agriculture is one of East Africa's most important sectors
 - 80% of population living in rural areas and depending on agriculture for their livelihoods (AGRA, 2021; IFPRI, 2019; World Bank, 2020)
- However, a multitude of constraints inhibit the potential for agriculture to meet growing food needs, alleviate poverty and stimulate socio-economic prosperity
 - Environmental, socio-economic and policy related constraints
- Harnessing potential will require paradigm shifts across all sectors engaged in agriculture, nutrition and food systems
 - Feeding a growing population while conserving natural resources (Baumüller et al, 2020; Jayne and Sanchez, 2021)
- DAAD Agri-Alumni Network launched in 2022
 - Customised approach to promote enhanced understanding and exchange between academia and farmers perspectives



OBJECTIVES



- Expand competencies of alumni from German universities in tropical agricultural sciences
 - Targeted contribution to professional development of alumni
 - Guided by thematically relevant topics for African agricultural development
- Improve network-supporting structures of the University of Hohenheim, German Institute of Tropical and Subtropical Agriculture (DITSL) and University of Nairobi
 - Support and promote commitment of alumni in the networks
 - Increase visibility and competence of the participating institutions in development cooperation
- Promote long-term commitment of alumni to the German partner institutions





WHO WE ARE SO FAR...

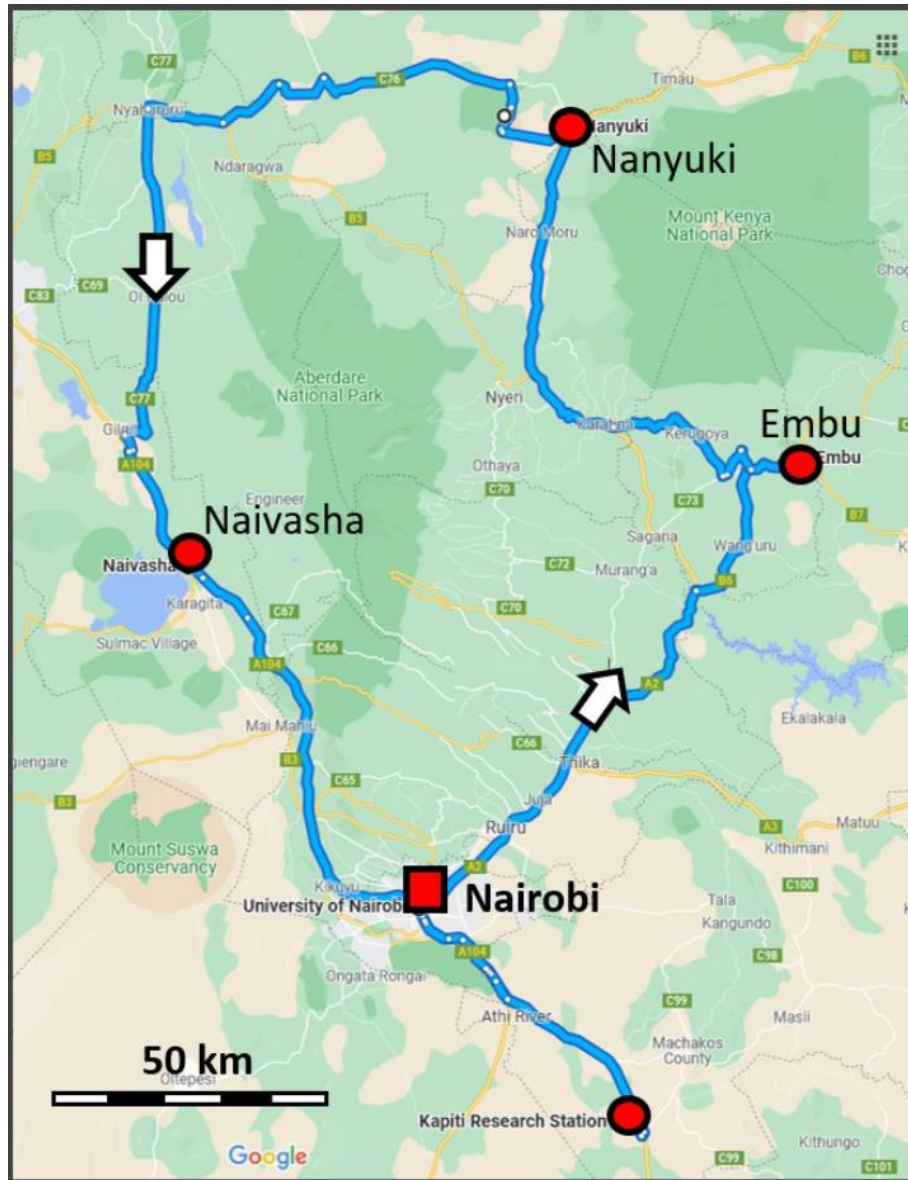


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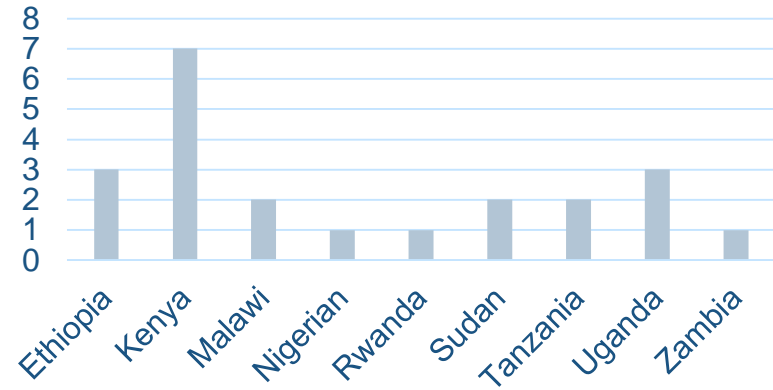


TRAVELLING WORKSHOP, KENYA (2022)

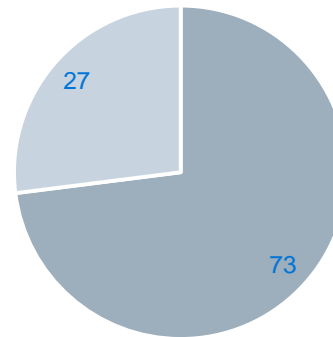
Paradigm shifts in Agricultural Systems towards Sustainable Land-use in Africa



Nationality

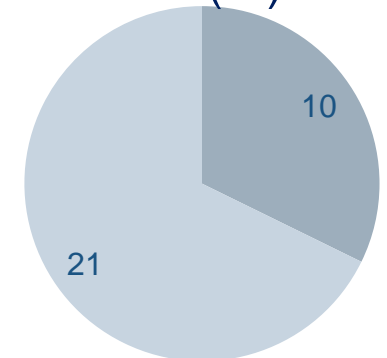


Participants Disciplines (%)



■ Social sciences ■ Natural sciences

Gender of participants (%)



■ Female ■ Male



Ending the paradigm of uniformity

“When we change the way we look at things, the things we look at change” (Wayne Dyer)

- Diversity and integrated farming
 - Intercropping
 - Reduction of external inputs and bioresource dependent agriculture through biological pest control





Ending the paradigm of uniformity

- (Bio)Diversity and integrated farming
 - Livestock and wildlife integration (ILRI bomass and holistic grazing)





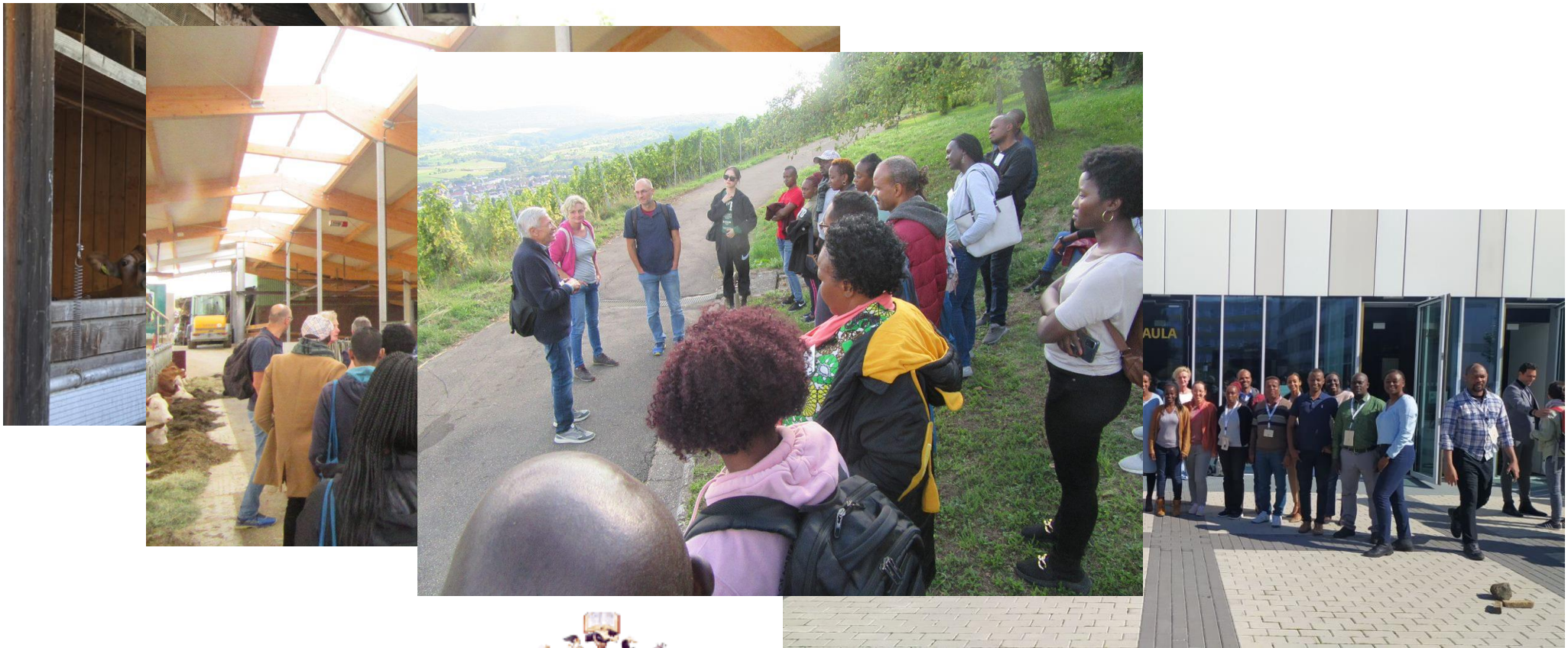
Embracing the paradigm of resource scarcity through innovative technology

- Genetic improvement and breeding
 - Breeding for resource scarcity (ILRI and KALRO Naivasha)





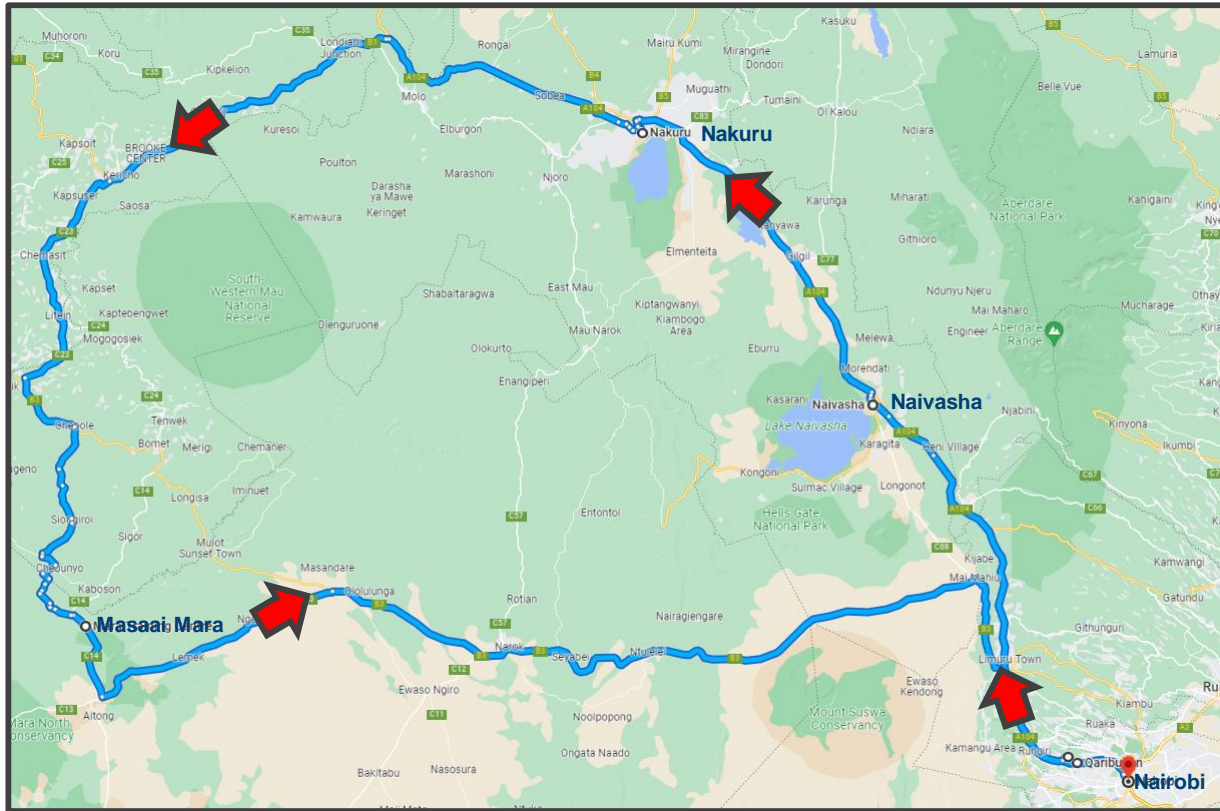
- Integrating Systems for Sustainable Agricultural Intensification
 - Germany Workshop and Tropentag Prague
 - Strategy Workshop (Stuttgart)



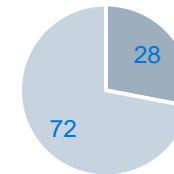


TRAVELLING WORKSHOP, KENYA (2023)

Tradition meets digitalization – a new dream-team for sustainable land-use

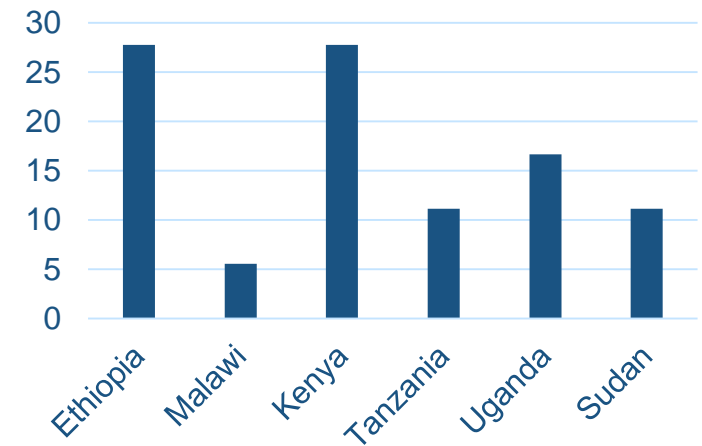


Gender of participants (%)



■ Female ■ Male

Nationality





REFERNCES

- Baumüller, H., von Braun, J., Admassie, A., Badiane, O., Baraké, E., Börner, J., Bozic, I., Chichaibelu, B.B., Daum, T., Gatiso, T. and Glatzel, K., 2020. From Potentials to Reality: Transforming Africa's Food Production.
- AGRA. (2021). Africa Agriculture Status Report. A Decade of Action: Building Sustainable and Resilient Food Systems in Africa (Issue 9). Nairobi, Kenya: Alliance for a Green Revolution in Africa (AGRA).
- IFPRI, 2019. 2019 Global food policy report, Global Food Policy Report. International Food Policy Research Institute, Washington D.C.
- Jayne, T.S. and Sanchez, P.A., 2021. Agricultural productivity must improve in sub-Saharan Africa. *Science*, 372(6546), pp.1045-1047.
- World Bank, 2020. Employment in agriculture (% of total employment) (modeled ILO estimate) - Sub-Saharan Africa | Data [WWW Document]. World Bank Indicators. URL <https://data.worldbank.org/indicator/SL.AGR.EMPL.ZS?locations=ZG> (accessed 9.14.20).



THANK YOU FOR YOUR ATTENTION

We are looking forward to our
upcoming travelling workshop

