

Greening Relevance in Operations in Western-Balkans Tertiary- Education Habitats

International collaboration at HSWT

Dragan Brković

Weihenstephan-Triesdorf University of Applied Sciences (HSWT)

E2.6 STUDY VISIT TO HSWT

15.11.2023.



Co-funded by the
European Union

“Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or [name of the granting authority]. Neither the European Union nor the granting authority can be held responsible for them.”



Co-funded by the
Erasmus+ Programme
of the European Union

International collaboration at HSWT

Greening Relevance in Operations in Western-Balkans Tertiary-Education Habitats (GROWTH)

Dragan Brković

15 November 2023

HSWT - Applied Higher Education and Innovation



Practice-oriented training:

Dual study programs, practical semesters, high proportion of exercises, external experts,...



Future-oriented degree programs, e.g.

- Climate Change Management
- Regional Development
- Food Technology
- Renewable Energies
- Agribusiness...



Innovation, e.g.:

- Food Startup Incubator Weihenstephan (FSIWS)
- Competence Centre for Digital Agriculture (KoDa)
- ASC Smart Indoor Farming
- Peatland Science Center...



Network Africa

*Applied Sciences
for Life*

Network Africa

Training Pact with Africa
(GIZ, BMZ)

Technology & Transfer Pact (GIZ, BMZ)

African-Bavarian Alliance (StK)

MASSTER, CHAIN, BASIS (Erasmus +)
CareFoAfrica, MAINSTREAM (MOBAF)



2018

Postgraduate Course Food Chains in Agriculture (GIZ, BMZ)

2019

Bavarian-Ethiopian-Alliance (StK)

2020

TOMATO (DAAD, BMZ)

2021

HAW.International (DAAD, BMBF)

2022

WEFACE (DAAD, BMZ)



Training Pact with Africa (AmA)



- Funded by the **German Federal Ministry for Economic Cooperation and Development** and carried out in cooperation with **GIZ** (since 2019)
- Measures:
 - **University partnerships**
 - **Training** (exposure and training courses for professionals, lecturer exchange and training)
 - **Master** (IMA/MFM)
 - **Continuing education** (e.g. postgraduate course "Food Chains in Agriculture")
 - **Bachelor module packages**

Training Pact with Africa (AmA) Postgraduate Course “Food Chains in Agriculture“



- 1x per year (2018-2023)
- Participants: **25 Master graduates** from African countries
- Goal: Promoting an **understanding of agricultural value chains**, transfer of ideas to participants' home countries
- **Focus on practice:** visits to farms, institutions and companies
- Support in the **acquisition of funds** for the implementation of the course ideas in the home countries

Bachelor courses

**International, English-language degree programs in life sciences
and green technologies**



28 students in the Bachelor Summer Semester (2021)



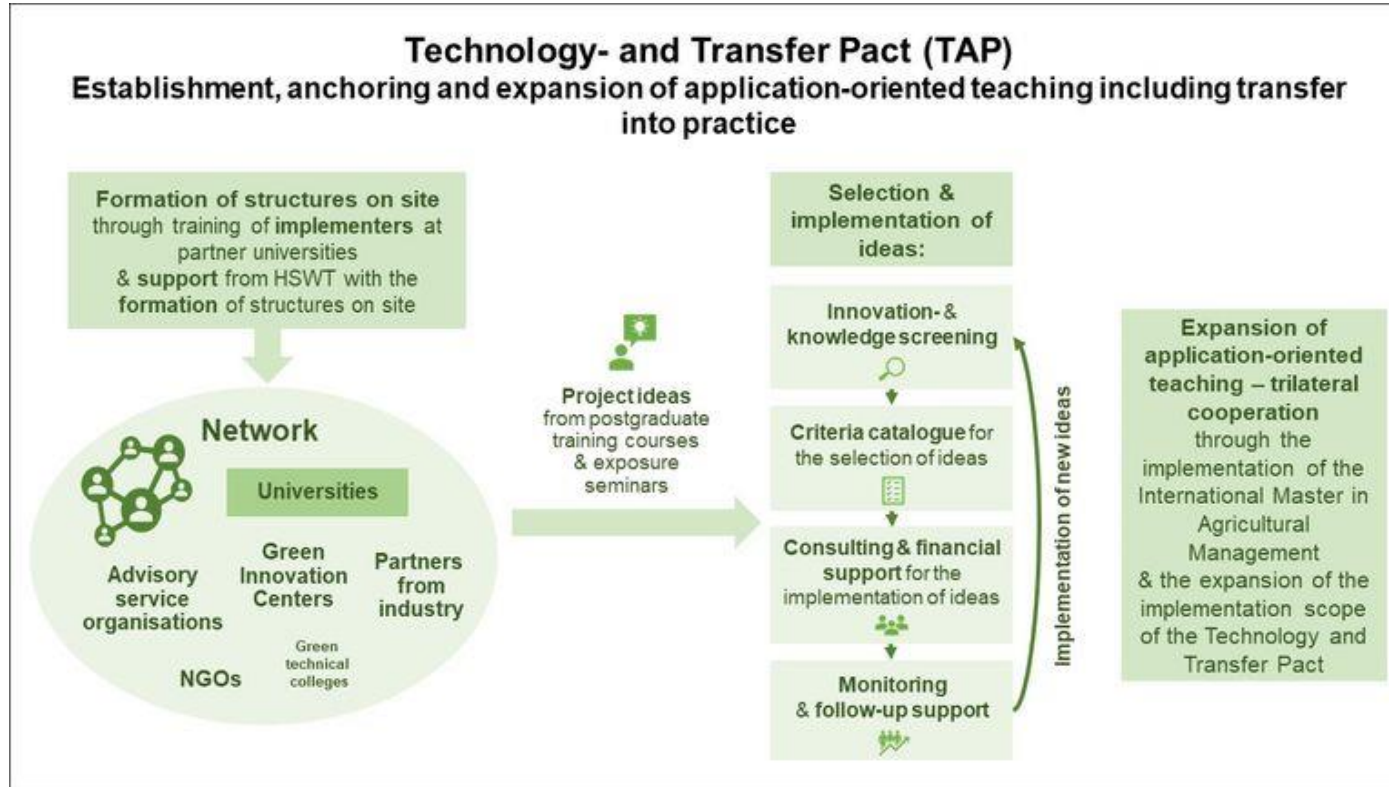
Visit of a crop farm with dairy farming (2021)

Technology and Transfer Pact (TAP)



- Funded by the **German Federal Ministry for Economic Cooperation and Development** and carried out in cooperation with **GIZ** (since 2020)
- TAP supports **innovation in agribusiness** in Ethiopia, Kenya, Tunisia and Togo & closes the gap between **innovation** and **implementation**; fields of action cover the **entire value chain**: e.g. innovative farming methods, adapted mechanization, improved post-harvest protection
- **Goal**: Create jobs, add value to rural areas, help small farmers increase their production and income

Technology and Transfer Pact (TAP)



TAP

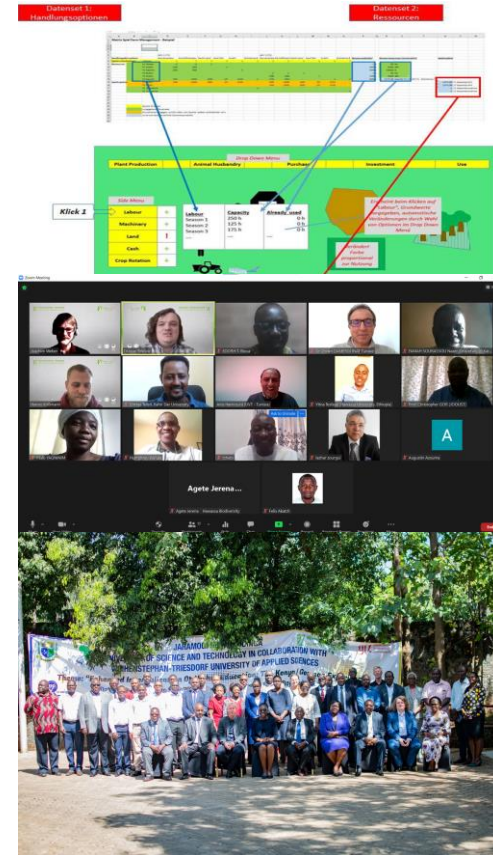


Co-funded by the
Erasmus+ Programme
of the European Union

*Applied Sciences
for Life*

Structure and capacity building in partner networks

- eLearning materials (Food Value Chain, Agricultural Management, Story Telling, Project planning and preparation...)
- TAP Network meetings
- Mapping of innovation infrastructure at partner networks
- Support to alumni: online and live workshops
- Capacity building trainings (online and live in Germany and partner countries)
- Project planning and preparation of project applications (BASIS, CHAIN, WEFACE, MASSTER, CareFoAfrica, MAINSTREAM, 2+2, Green Futures...)



What are we looking for in a innovative project?

*Applied Sciences
For Life*





African-Bavarian Alliance for Applied Life Sciences

Funding:

- Funded by the **Bavarian State Chancellery**
- Period: **January 2022 – December 2023**

Goals:

- Establishing a **long-term network** with partner institutions from Ethiopia, Senegal, South Africa, Tunisia and Bavaria
- **Conducting events** on applied teaching & research in various fields (e.g. horticulture, agribusiness, food technology, climate change management)





African-Bavarian Alliance for Applied Life Sciences

Workshops

- Soil & Irrigation Management
- Watershed Management in Farmlands
- African-Bavarian Academy: Climate Change Management
- Industry-University Connections & Entrepreneurship in Food Technology & Agribusiness (co-hosted with Université de Gabès)



Virtual Events



Conference
“Science for
Impact in
Africa“



Training
series:
development
of applied
curricula



Workshops:
applied
climate
change
management



EU funding
application
trainings for
African actors

Student exchange



UNIVERSITÉ DE GABÈS
University of Gabès جامعة قابس

**Joint Bachelor
thesis HSWT /
Gabes University**

WEFACE - Women Empowerment in Food and Agriculture Cooperatives through Enabling Market Access



- ...wants to identify the specific needs and opportunities of all partners in connection to cooperatives so that **right exchange programs** and **curricula** can be developed together to enable a sustainable solid and healthy value chain around their Agri-Food products
- ...meet the specific needs of the business-oriented profile of the universities
- ... will create practical courses to deepen practical-based learning, and enables female students to take career-oriented trainings as well for the female farmers to gain the required practices to make their products more accessible
- Training content will be available also after the project completion and be added to universities' curricula so that the knowledge transfer to coming contributors and students can be guaranteed.

- Food Processing and Packaging
- Logistics and Supply Chain
- Women Empowerment
- Food Product Development



WEIHENSTEPHAN · TRIESDORF
University of Applied Sciences



UNIVERSITÉ DE GABÈS
جامعة قابس



USSEIN
UNIVERSITE DU SINE SALOUM
EL-HÂDJ IBRAHIMA NIASS

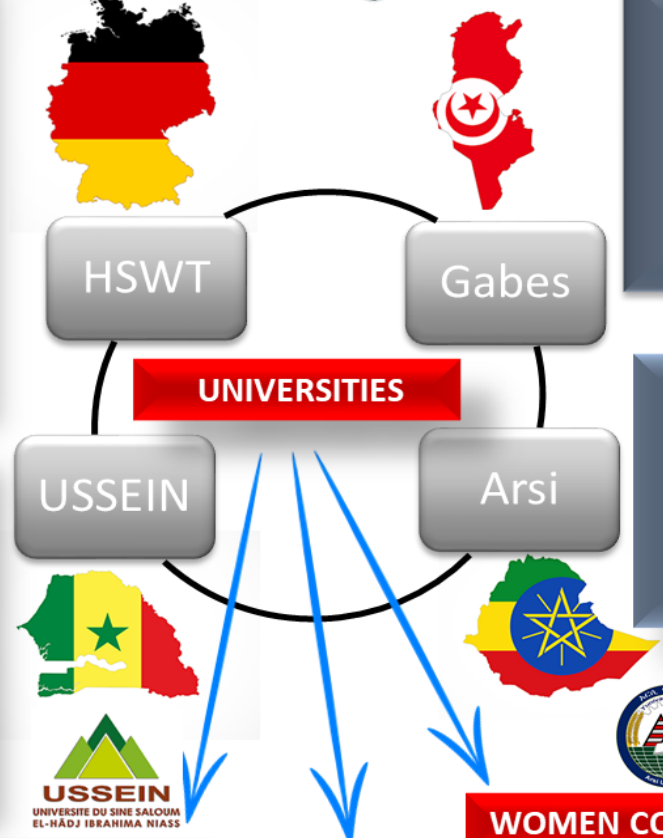


Food Startup Inkubator Weihenstephan (FSIWS)
Food startups in accelerator programs with food production facilities
Certificate programs for entrepreneurs
Free Access to online trainings
Since 2019

Agricultural Incubator
introductory program to entrepreneurship in the food industry sector
Business model and financial plan
Since 2010

Green Innovation Hub (GIH)
sustainable incubation system for green and digital businesses
Diverse Training Modules on
- entrepreneurship and production management
- practical skills
Since 2021

Arsi Incubator
food processing incubation centre to provide kitchen-based solutions to students, farmer cooperatives, entrepreneurs
Since 2023



Online accessible life-long training materials integrated into curricula

Mentoring Program

WEFACE



Co-funded by the Erasmus+ Programme of the European Union



HAW.International

- **Funding:** DAAD, BMBF
- **Duration:** 2022 – 2025
- **Goals:** Developing international study programmes, internat. cooperation and exchange
- **Areas:** Innovations and Startups in Food Value Chains, Sustainable Regional Development
- **Partner Network:** USA, Ethiopia, Kenya, Thailand, Tunisia
- **New Programmes:** 2 Master's, 1 Internat. Certificate, 1 Internat. Semester incl. Lecture Series



HAW.International: Project Activities Tunisia

- **Virtual Meetings** with Gabès University on cooperation possibilities
- **Network Travels** to Tunisia, Visit of:
 - Gabès University
 - DAAD Office in Tunis
 - Tunisian Ministry of Higher Education and Research
- Invitation Gabès University to **training and exchange formats**, e.g.
 - Best Practices in Developing International Study Programmes
 - Script Development Moodle
 - Development Locally Embedded Curriculum
- **Presentation** status quo int. **Certificate/Master's** at workshop (Industry-University Connections; Entrepreneurship in Food Technology/Agribusiness) in Tunisia



ALUMNI-work



*Applied Sciences
for Life*



Master in International Farm Management (MFM)

*Applied Sciences
for Life*



<https://ima.hswt.de/en/studium-en/mfm-en>



Co-funded by the
Erasmus+ Programme
of the European Union

*Applied Sciences
for Life*

Thank you for your interest.
We are looking forward to connecting with you.

Dragan Brković

15 November 2023

*Applied Sciences
for Life*



Co-funded by the
Erasmus+ Programme
of the European Union