



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

Weihenstephan-Triesdorf University of Applied Sciences

GROWTH project

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29.03.2023.

Location:



 **WEIHENSTEPHAN - TRIESDORF**
University of Applied Sciences



Departments of HSWT

Campus Triesdorf

- Agriculture, Food, and Nutrition
- Environmental Engineering

Campus Weihenstephan

- Biotechnology and Bioinformatics
- Horticulture and Food Technology
- Landscape Architecture
- Agriculture and Food Economy
- Forestry





Bioengineering
Sciences



Horticulture and Food
Technology



Landscape
Architecture



Sustainable Agriculture
& Energy Systems



Forestry

Weihenstephan



Agriculture, Food and
Nutrition

Triesdorf



Environmental
Engineering

HSWT Campus Weihenstephan / Freising



HSWT Campus Triesdorf



HSWT -A'Green' Training Centre



HSWT offers a **unique portfolio** of **'green' subjects** and combines **direct practical relevance** with **scientific excellence**

Facts and Figures



6,125 students

1,755 freshers



Approx. 75
PhD students

BayWiss
Graduate
College



Approx. 350
overseas
students

135 partnerships
with overseas
universities



Certified in terms
of environment,
equality and
diversity

Facts and Figures



730 employees
(incl. 150 full
professors)

450 adjunct staff
per semester



7 departments

5 research
institutes



31 programmes of study
(19 Bachelor's & 12 Master's
degree programmes)

16 work-study programmes

1 continuing education programme

1 certificate course

Weihenstephan Triesdorf University of Applied Sciences



Approx. 350
**incoming
international
students/year**

Approx. 165
**outgoing HSWT
students/year**



**5 international
graduate
programmes**

Several **double
degrees**



**Multidisciplinary
English-taught
courses** offered by
various departments
which comprise a
selection of modules
equivalent to 30
ECTS/semester



Network Africa
(Training Pact with
Africa, Technology
and Transfer Pact,
Bavarian-Ethiopian
Alliance for
Applied Life
Sciences,
TOMATO-Project)

HSWT University Campuses and Sites



Weihenstephan Campus



Triesdorf Campus



Schlachters Site



Innovation Campus



Straubing Site

Studying at HSWT



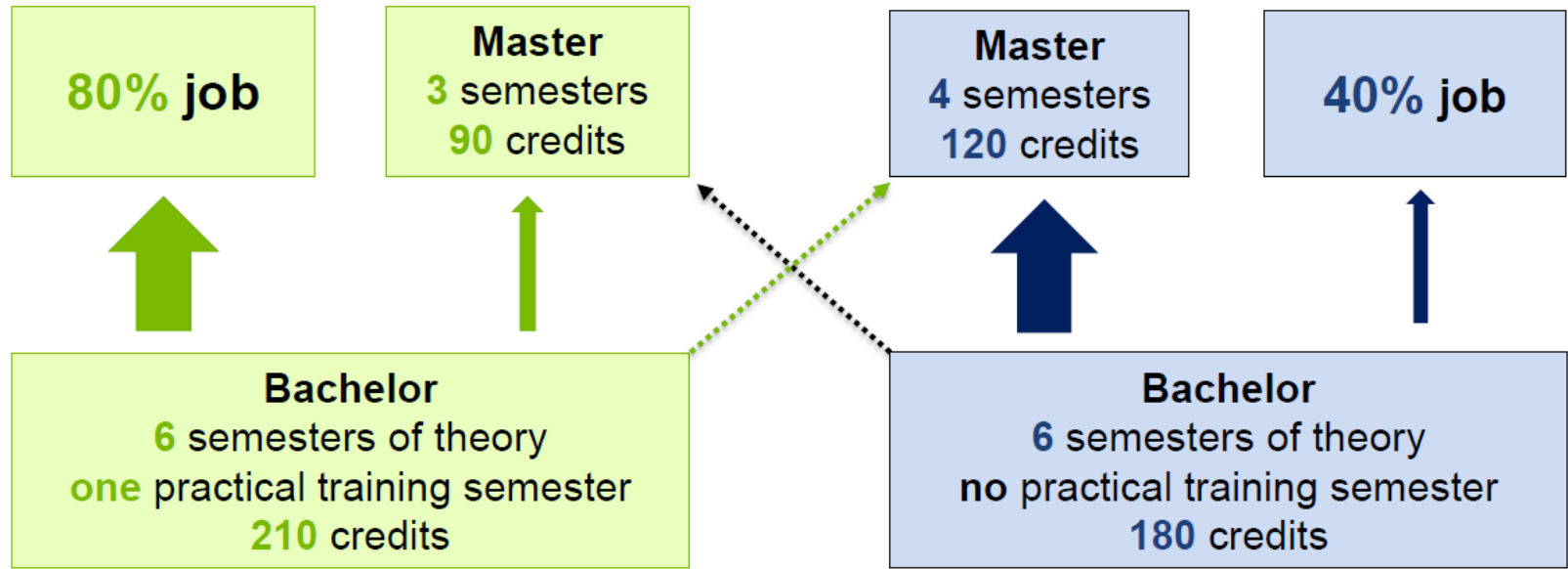
- **No tuition fees and small class sizes**
- **Entry requirement: German A-levels (or international equivalent) for Bachelor's programmes, Bachelor's degree for Master's programmes**
- **Practical training and contact with potential employers:** experimental farms, field trips, internships and training courses with industry
- **Practical semesters and possibility of work-study programme**
- **Bachelor's & Master's thesis in cooperation with external partners**



The Difference Between UASs and Universities

Universities of Applied Sciences

Universities



Teaching at HSWT



- **Professors** have at least **three years** of experience **outside academia**
- **PhD** as requirement
- Professorships with **teaching** and with **research focus**
- Courses also given by **450 adjunct staff** per semester (mostly experts from industry and public sectors)

Bachelor's degree programmes



Agriculture

Agricultural
Engineering

Agribusiness



Horticulture

Engineering
in Forestry



Landscape
Architecture

Landscape
Construction &
Management



Bioprocess
Informatics

Biotechnology



Management of
Renewable
Energies

Climate-Neutral
Energy Systems

Water Technology

Environmental
Engineering



Food Technology

Foodstuff Management

Organic Food Products
& Business

Nutrition & Food
Supply Management

Brewing & Beverage
Technology

Master's degree programmes



Agricultural
Management

International
Agricultural
Management

International
Farm
Management



International
Management
of Forest
Industries



International
Landscape
Architecture

Regional
Management

Climate
Change
Management



Biotechnology/
Bioengineering



Environmental
Engineering

Business
Management &
Renewable
Energy
Entrepreneurship

Energy
Management &
Technology



Food Quality

Work-study programmes at HSWT

1

Academic study combined with vocational training

Study phases and parallel vocational training (4.5 years)



2

Academic study with intensive in-company training

Study phases alternate with practical phases in a company + thesis in company (3.5 years)



Research



Institute of **Horticulture**



Institute of **Food Technology**



Institute of **Ecology and Landscape**



Competence Centre for **Digital Agriculture**



Institute for **Biomass Research**

2020:



152 research projects conducted,
> 8 million € of third party funding

HSWT goes international



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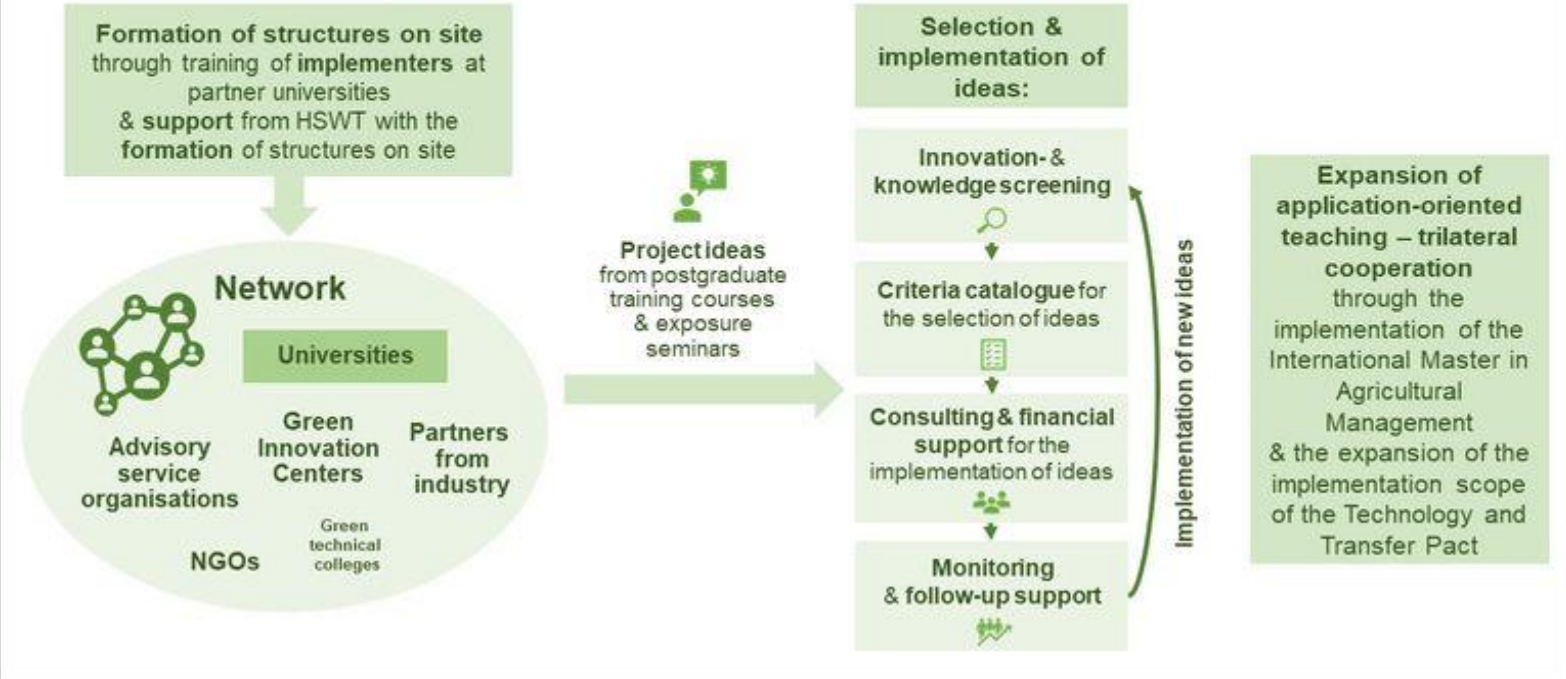
Network Africa
(Training Pact with
Africa, Technology
and Transfer Pact,
Bavarian-Ethiopian
Alliance for
Applied Life
Sciences,
TOMATO-Project)



**Network Latin
America**
(Bavarian-
Latin American
Alliance,
research
projects,
partnerships
etc.)

Technology- and Transfer Pact (TAP)

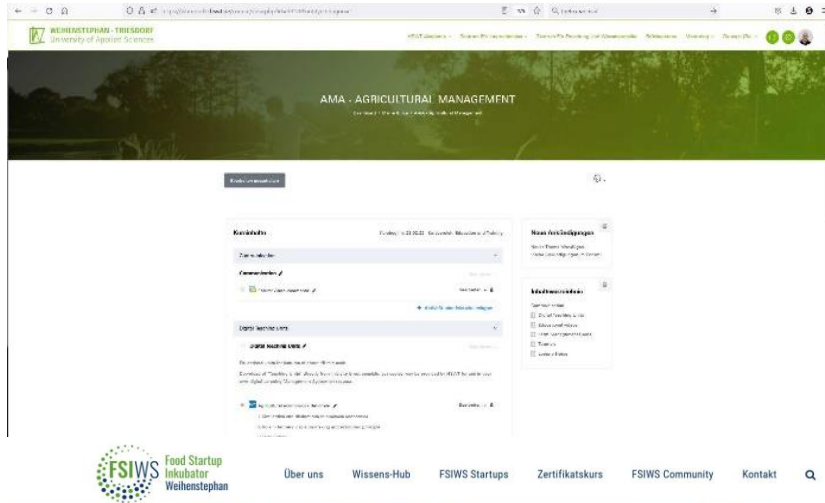
Establishment, anchoring and expansion of application-oriented teaching including transfer into practice



Structure building in partner networks

- eLearning platforms (Food Value Chain, Agricultural Management, Story Telling and Video Production)
- Network meetings (online and live rector conference)
- Survey structure mapping of innovation infrastructure at partner networks (Capacity works)
- Support to alumni: Online workshops
- Capacity building trainings (online and live in Germany and partner countries)

eLearning platforms



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Datenset 1:
Handlungsoptionen

Datenset 2:
Ressourcen

Klick 1

Labour	Capacity	Already used
Season 1	250 h	0 h
Season 2	125 h	0 h
Season 3	175 h	0 h

Erkennt beim Klicken auf 'Labour', Grundwerte vorgeben, automatische Veränderungen durch Wahl von Optionen im Drop Down Menü

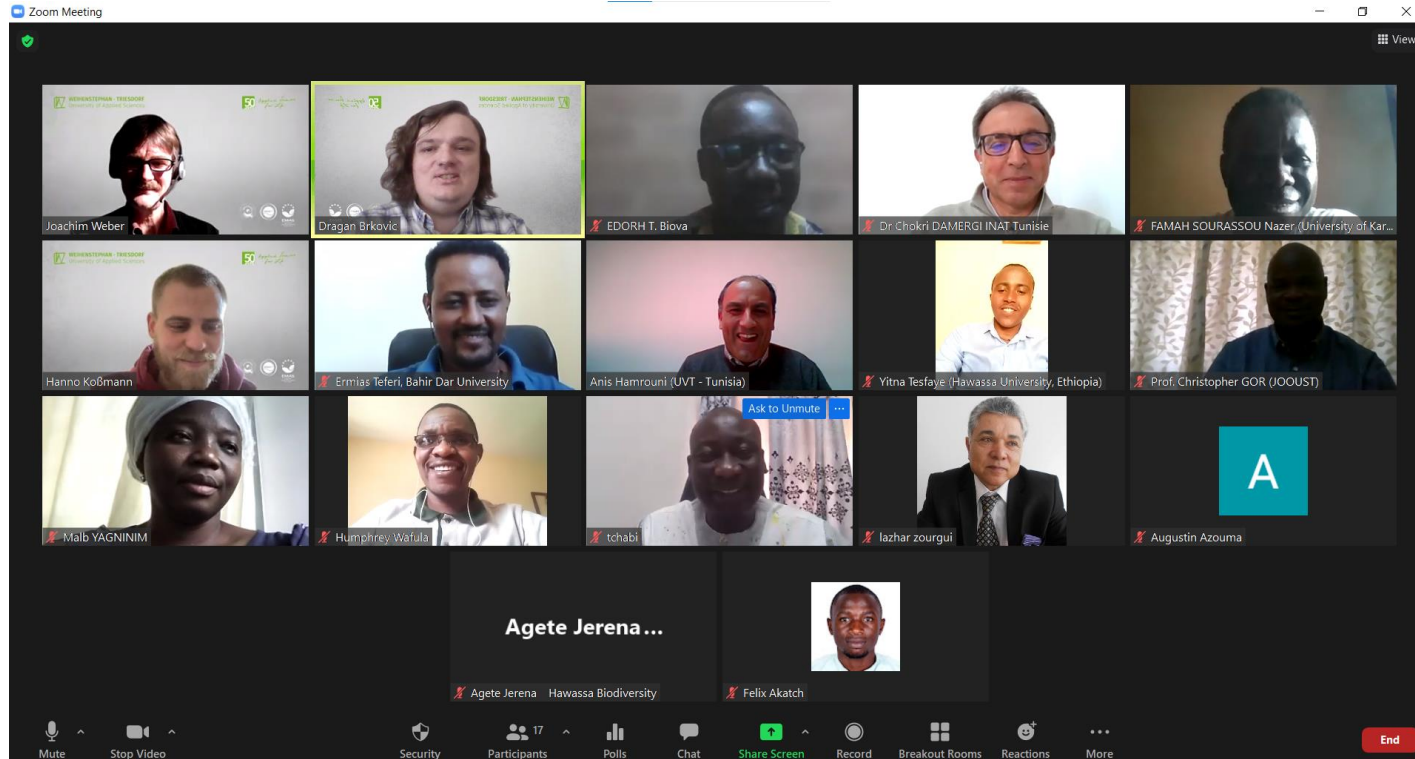
Verändert Farbe proportional zur Nutzung

Results: Farm Profit: 0 € Family workload: 0 h Credit Exposure: 0 €

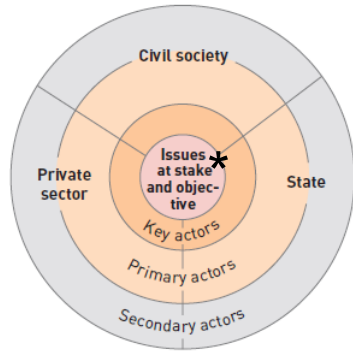
<https://wbmoodle.hswt.de/>



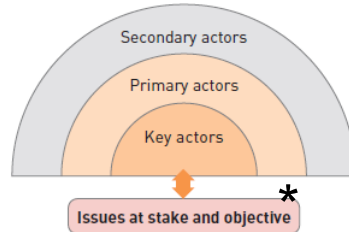
TAP network meetings



Capacity Works



Working aid 8: Map of actors – the onion



Working aid 9: Map of actors – the rainbow

* Important here is to define a very clear „issue at hand“, in our case the actors involved in the green projects

Key actors: everybody who is in the proposal and can't be exchanged

Primary actors: directly involved in the project but exchangeable

Secondary actors: have to become active but not part of the project

We are looking forward to work with you.

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*Applied Sciences
for Life*