

GROWTH Project

REPORT FOR E2.6 STUDY VISIT TO HSWT AGENDA

14th-18th November 2023

Event Agenda & Summary

Authors: Johannes Holzner, Dragan Brkovic and Dolores Gubo Brkovic, HSWT

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1. Notes and attendance

Organization	Name & Last Name	Contact	Attending
HSWT	Johannes Holzner	johannes.holzner@hswt.de	Y
	Dragan Brković	dragan.brkovic@hswt.de	Y
AUB	Irena Petrušić	irta2@t-com.me	Y
	Jovana Jovanović	jocka747@gmail.com	Y
	Sanja Samardžić	sanja.perunicic@live.com	Y
SVEHERC	Marko Antonio Brkić	marko-antonio.brkic@hercegovina.edu.ba	Y
	Vinka Grbavac	vinka.grbavac@hercegovina.edu.ba	Y
	Saša Čekrlija	gong.sasa@gmail.com	Y
CEPS	Nermin Palić	nermin.palic@ceps.edu.ba	Y
	Mirzo Selimić	mirzo.selimic@ceps.edu.ba	Y
	Samir Ščetić	samir.scetic@ceps.edu.ba	Y
UBN	Jasmina Šljivić	jasminasljivic86@gmail.com	Y
	Gordana Nenadić	gordananenadicgn@gmail.com	Y
	Jovana Pavlovic	jovana.vujic.ubn@gmail.com	Y

Signed lists for each day of activities are in attachment of this report as Annex 1.

2 Event agenda

DAY I

Tuesday, November 14th 2023, Weihenstephan Triesdorf University of Applied Sciences

Arrival of participants to Weihenstephan Triesdorf University of Applied Sciences (HSWT)
Location: Steingruberstraße 1a, 91746 Weidenbach

DAY II

Wednesday, November 15th 2023, Weihenstephan Triesdorf University of Applied Sciences

08⁰⁰ – 08³⁰ Arrival to Weihenstephan Triesdorf University of Applied Sciences (HSWT)
Location: Steingruberstraße 1a, 91746 Weidenbach, Room: C.113

Part I Study visit Triesdorf

08 ³⁰ – 09 ⁰⁰	Welcome speeches	Prof. Dr. Johannes Holzner, HSWT - IMA
09 ⁰⁰ – 09 ³⁰	GROWTH project introduction	Mr. Dragan Brkovic, HSWT International School
09 ³⁰ – 10 ⁰⁰	Possibilities for collaboration on topics of green universities with HSWT	Prof. Dr. Johannes Holzner, local project coordinator
10 ⁰⁰ – 10 ³⁰	<i>Coffee break</i>	

10 ³⁰ – 12 ⁰⁰	Visit to Triesdorf green campus	Mr. Dragan Brkovic
12 ⁰⁰ – 13 ⁰⁰	<i>Lunch</i>	
13 ⁰⁰ – 14 ³⁰	HSWT International School and International Collaboration at HSWT	Mr. Dragan Brkovic
14 ³⁰ – 15 ⁰⁰	<i>Coffee break</i>	
15 ⁰⁰ – 16 ⁰⁰	Erasmus + project planning and preparation	Mr. Dragan Brkovic
16 ⁰⁰ – 17 ⁰⁰	Ideas for future collaboration topics	All participants

DAY III

Thursday, November 16 th 2023, Weihenstephan Triesdorf University of Applied Sciences		
02 ⁴⁵ h	Departure from Weihenstephan Triesdorf University of Applied Sciences Location: Steingruberstraße 1a, 91746 Weidenbach	
09 ⁰⁰ h	Arrival at Hanover	
Part II Study visit Agritechnica. Hanover 2023		
09 ⁰⁰ – 18 ⁰⁰ h	Visit to Agritechnica 2023, Hanover - world's leading trade fair for agricultural machinery and innovations related to green topics	
18 ⁰⁰ h	Departure from Agritechnica 2023	
23 ⁰⁰ h	Arrival to Weihenstephan Triesdorf University of Applied Sciences (HSWT) Location: Triesdorf - 91746 Weidenbach	

DAY IV

Friday, November 17 th 2023, Weihenstephan Triesdorf University of Applied Sciences		
07 ³⁰	Departure from Weihenstephan Triesdorf University of Applied Sciences Location: Triesdorf - 91746 Weidenbach	
09 ³⁰ – 10 ⁰⁰	Arrival to Weihenstephan Triesdorf University of Applied Sciences (HSWT) Location: Am Hofgarten 4, 85354 Freising	
Part III Study visit Weihenstephan		
10 ⁰⁰ – 12 ⁰⁰	Visit to Weihenstephan green campus	Prof. Dr. Johannes Holzner
12 ⁰⁰ – 13 ⁰⁰	<i>Lunch</i>	
13 ⁰⁰ – 16 ³⁰	Discussion and conclusion	All participants

DAY V

Saturday, November 18 th 2023, Weihenstephan Triesdorf University of Applied Sciences		
<i>Departure of participants from Weihenstephan Triesdorf University of Applied Sciences</i> <i>Location: Am Hofgarten 4, 85354 Freising</i>		

3 Event summary

All participants have arrived on 14th November in the afternoon/evening hours to Triesdorf, Germany, so event could start as planned on 15th November at 8:30.

Part I - Study visit Triesdorf

Welcome speeches

Prof. Dr. Johannes Holzner, coordinator for GROWTH at HSWT have greeted all 12 participants from 4 WB universities. He introduced them with team working on GROWTH project and International Master of Agricultural Management. He introduced them with Prof. Dr. Ralf Schlauderer, Mr Dragan Brković, Mrs. Johanna Menhorn, Mr. Carsten Hümmer and Mrs. Franziska Rupp. Agenda of study visit was presented and discussed with participants, see Annex 2.

GROWTH project introduction

Mr. Dragan Brković member of HSWT International School have gave introduction about tasks which HSWT is coordinating, with special focus on WP 2 of GROWTH project and involvement in collaboration with partner universities in Bosnia and Herzegovina and Montenegro. Mr. Dragan Brkovic introduced HSWT and GROWTH project tasks that were presented and discussed with all participants, see Annex 3 and Annex 4.

Possibilities for collaboration on topics of green universities with HSWT

Prof. Dr. Johannes Holzner, local project coordinator have showed examples of green university activities which are organized at campus Triesdorf, he introduced joint master studies in Agricultural management as platform for joint university collaboration to participants. In oral presentation he presented structure of campus Triesdorf and how different green topics subjects are organized in combination of theoretical knowledge and practical skills formation.

Visit to Triesdorf green campus

Mr. Dragan Brkovic has lead group in visiting all elements of green university campus in Triesdorf. After participants were familiarized which types of trainings are organized at HSWT, they could follow all practical aspects of training within university campus. Colleagues from GROWTH project had opportunity to visit Green office, bike sheds, solar panels combined with farming underneath and biogas production facilities, agricultural machinery premises and training centre, cow barns and education facilities above cow barns, sheep barns, pig production, poultry production, fruit orchards, beekeeping facilities, crop production organized at campus Triesdorf.

HSWT International School and International Collaboration at HSWT

Mr. Dragan Brkovic gave overview of activities of HSWT International school in Freising and Triesdorf, with focus on collaboration with Africa and development of joint bachelor, master studies, postgraduate courses, international certificates, organization of international networks, technology transfer projects, alumni collaboration, joint master studies organization. International collaboration possibilities were discussed with participants, see Annex 5.



Photo 1: Study visit group in campus Triesdorf

Erasmus + project planning and preparation

Prof. Dr. Johannes Holzner and Mr. Dragan Brkovic have interactively worked with participants on Erasmus + projects planning and preparation by methodology how it is done at HSWT. Presentation that was used as platform for discussion and initiating ideas is given in Annex 6.

Ideas for future collaboration topics

All participants were jointly working on different ideas for development and research projects related to green universities topics. Related to research projects Mr. Dragan Brković was getting participants introduced to Horizon Europe program and opportunities in it. European Commission Funding and Tenders platform was used to search for research projects of interest. Also participants were presented with Horizon overview, given presentation is in Annex 7.

Part II - Study visit Agritechnica. Hanover 2023

Participants of GROWTH project together with colleagues from HSWT and students in organized trip starting at 2:45 departed from Triesdorf to visit Agritechnica Hanover 2023 which is the biggest world fair for agricultural innovation and machinery relevant to modernization of green topics,

After arrival to Hannover at 9:00, participants were visiting 27 halls of Hannover exhibition area, where different parts of Agritechnica fair are exposed.

Agritechnica 2023 exhibition

In Agritechnica 2023, participants could see innovations related to:

- Tractors in halls 3, 4, 5, 6, 7, 9, 13 and 20;
- Combiners and machinery and equipment for harvest in halls 3, 4, 13 and 20;
- Machinery and equipment for chopping in halls 13, 20, 25 and 27;
- Machinery and equipment for beets and potatoes in hall 25;
- Transport machinery in hall 4;
- Loading machines and machinery in halls 6 and 9;
- Soil working and seed based preparations in hall 5, 9, 11 and 12;
- Drilling and sowing in halls 5, 11 and 12;
- Mineral fertilizing innovations and machines in hall 9;
- Organic fertilizing innovations and machines in halls 22 and 23;
- Plant protection innovations and machines in halls 9 and 21;
- Irrigation innovations and machines in hall 21;

- Machinery and equipment for mowing and balling in halls 13, 25 and 27;
- Harvest conditioning, conveying, preservation and storage innovations and machines in halls 6 and 7;
- Machinery and equipment for mechanical plant protection in halls 5,9, 11, 12, 13, 21 and 27;
- Seed, plant protection agents, fertilizer innovations and machines in hall 9;
- Robotics in hall 21;
- Agricultural software and precision farming technology in halls 8 and 9;
- Feed mixers and innovations in hall 21;
- Forestry technology innovations and machines in hall 26;
- Landscape management innovations and machines in hall 26;
- Fruit, vegetable and other special crops innovations and machines in hall 21;
- Representation of ministries, association and organizations in hall 24;
- Consulting and financing agencies in hall 24;
- Tyres and wheels innovations and technology in halls 4, 7 and 20;
- Workshop equipment in hall 2;
- Toys and souvenirs in hall 21.

Agritechnica 2023 visit and talks

The biggest interest of GROWTH participants were related to technology in green innovations and robotics presented in hall 21. The most time participants have spent in hall 24, where responsible ministries, associations and organizations were presented.

Participants have visited also stand of HSWT at Agritechnica 2023. They could also talk to professors and staff from other universities that were present there and establish contact with other HSWT partners like universities from Ukraine that were visiting fair too.

Part III - Study visit Weihenstephan

Visit to Weihenstephan green campus

Prof. Dr. Johannes Holzner have organized long sightseeing to 5 different departments in Freising campus. GROWTH participants from Bosnia and Herzegovina and Montenegro could see 5 different departments (1. Biotechnology and Bioinformatics, 2. Horticulture and Food Technology, 3. Landscape Architecture, 4. Agriculture and Food Economy and 5. Forestry). There were also premises and teaching facilities including modern farms, botanical gardens and green office and innovation facilities.

Discussion and conclusion

Prof. Dr. Johannes Holzner in afternoon hours have facilitated discussion and conclusion of study visit to HSWT. Participants have concluded it was inspiring and great to see examples of good practice put in place and that this can be to some extent used at their home universities.

After whole day on 17.11.2023. in Freising, participants departed next day on 18.11.2023. back to Montenegro and Bosnia and Herzegovina.

Annexes

Annex 1 - List of participants

Annex 2 - Presentation Agenda study visit HSWT

Annex 3 - Presentation HSWT - GROWTH

Annex 4 - Presentation WP2 HSWT - GROWTH

Annex 5 - Presentation HSWT - International collaboration

Annex 6 - Presentation Erasmus + Project planning and preparation

Annex 7 - Presentation Horizon Europe program

