C4 intensive program for teaching - Sofia - February 2020

Minuets of Meeting

The training in Sofia was held from 17 to 29 February 2020.

Lectures were given by professors from all universities involved in the Project, with the exception of Prof. Assunta Pelechino from Italy, who were already prevented from leaving Italy due to the Covid-19 epidemic. The lectures were held according to the previously announced schedule.

The lectures were attended by the following 12 Bulgarian students of civil engineering from the master's degree:

PROJECT RE-BUILD, Sofia - 17th - 29th February 2020

№	Name	e-mail
1	Valentina Spassova	valentinak@abv.bg
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8	George Jossifov	Iosifov90@gmail.com
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11	Teodor Stefanov	sondex.bg@yahoo.com
12	Bogdan Lozev	lozev.bogdan@abv.bg

LIST OF HST STUDENTS

In parallel with the training, public lectures were given by the visiting lecturers to students from HST, Bulgarian engineers from practice, lecturers and representatives of NGOs. This series of lectures within the Project was organized by the hosts under the title **Days for the REBUILT Construction Sector** – A RE-BUILT Project Workshop supporting the built environmental rehabilitation in Europe. The lectures were held in the hall of the University Library in the following order:

TIMETABLE for the RE-BUILT Project Workshop Days for the REBUILT Construction Sector

Week	Date 17-Feb		18-Feb	19-Feb	20-Feb	21-Feb	
	Day	Monday	Tuesday	Wednesday	Thursday	Friday	
	Time	15:00-17:00	15:00-17:00	15:00-17:00	15:00-17:00	13:00-15:00	
	Lecturer University	Chavdar Kolev HST	Peter Senk UM	Ancuta Rotaru Radu Pescaru TUIASI	Dashnor Hoxha UO	Martin Závacký BUT	
I	Title of presentation	Vertical Vibro- Isulation for Building Foundations – A Full Scale Experiment	Underground Architecture	Hazard Risk Mitigation: Challenge or Strategy?	Thermo-hydro- mechanical- chemical Fatigue of Historical Building: Myths and Realities	History of Underground Utilization in Brno City	
Week	Date	24-Feb	25-Feb	26-Feb	27-Feb		
	Day	Monday	Tuesday	Wednesday	Thursday		
	Time	15:00-17:00	15:00-17:00	15:00-17:00	15:00-17:00		
	Lecturer University	Jacinto Canivell USE	Ioana Olteanu TUIASI Assunta Pellicio UNICAS	Andrej Zavacky UM	Chong Peng BOKU		
II	Title of presentationEarthen Architecture. Past and Present Approaches		Preparing Civil Engineering Students to Work with Innovative Tools & Vulnerability, Seismic Survey and H_BIM Based Structural Analysis	Examples of Cooperation with Industry	Smoothed Particle Hydrodynamics and Its Application in Geotechnical Numerical Analysis		

During the training, teachers and students met with the Rector of HST and visited cultural sites in Sofia and Plovdiv.



TIMETABLE - RE-BUILT

	Project co-funded by the Erasmus+ Programme of the European Union					C4 intensive programme for teaching WOR			WORKSH	NORKSHOP - practitioners and students				Sofia, February 17-29, 2020			
8:00_9:00	9:00_10:00	10:00_11:00	11:00_	11:00_12:00 12:00_13:00		13:00_14:00 14:00_15:00		15:00_16:00 16:00_17:00		17:0	0_18:00	18:00_19:00	19:00_20:00				
		OPENING MEETING		Hazard risk	mitigation for a		The durabi	lity of sust	ainable		Conservati	on, rehabi	ilitation	Transform	mation of the	built environment	
		TUIASI BOKU UO UM	TUIASI	sustainable	e built environment	υο	materials a	nd structu	res	HST	and integra	ation of cu	ultural	BUT	for the reh	abilitation of socially	
		USE UNICAS HST BUT	Pescaru		APPLICATION	Hoxha			LECTURE	Kolev	heritage		LECTURE	disadvant	taged city dis	tricts LECTURE	Zavacky
	Sustainabl	e rehabilitation in		Hazard risk	mitigation for a						Energy effi	ciency.			Vulnerabili	ty, seismic survey	
	UM architectu	re and urban	TUIASI	sustainable	e built environment					USE	Smart Citie	s.		UNICAS	and HBIM-	based structural	
	Strukelj developm	ent LECTURE	Rotaru		LECTURE					Canivell			LECTURE	Pelliccio	analysis	LECTURE	
	Energy efficiency. USE Smart Cities.			Vulnerabili	ty, seismic survey						Sustainable	e rehabilit	ation in		Sustainable	e infrastructure	
			UNICAS	and HBIM-	based structural					им	architectur	re and urb	an	воки	design and	maintenance	
	Rubio	LECTURE	Caporale	analysis	LECTURE					Senk	developme	ent	LECTURE	Peng		LECTURE	
	Conservat	on, rehabilitation	Transforma	ation of the	built environment						Hazard risk	(mitigatio	n for a		Energy effi	ciency.	
	HST and integr	ation of cultural	BUT	for the reh	abilitation of socially					TUIASI	sustainable	e built env	vironment	USE	Smart Citie	s.	
	Kolev heritage	LECTURE	disadvanta	ged city dis	tricts LECTURE	Zavacky				Olteanu			LECTURE	Canivell		APPLICATION	
	Sustainabl	e rehabilitation in		The durabi	lity of sustainable						Hazard risk	(mitigatio	n for a		Conservati	on, rehabilitation	
	UM architectu	re and urban deve-	υo	materials a	nd structures					TUIASI	sustainable	e built env	vironment	нѕт	and integra	ation of cultural	
	Senk lopment	APPLICATION	Hoxha		LECTURE					Rotaru, Pe	escaru		LECTURE	Kolev	heritage	LECTURE	
	Transformation of the	built environment		Sustainable	e infrastructure						Sustainable	e rehabilit	ation in		Conservati	on, rehabilitation	
	BUT for the reh	abiltation of socially	воки	design and	maintenance					им	architectur	re and urb	an	HST	and integra	ation of cultural	
Zavacky	disadvantaged city di	istricts APPLICATION	Peng		LECTURE					Strukelj	developme	ent	LECTURE	Kolev	heritage	APPLICATION	
	Energy eff	iciency.		Vulnerabili	ty, seismic survey			The durability of sustaina			tainable	Sustainable infrastructure					
	USE Smart Citie	es.	UNICAS	and HBIM-	based structural					υο	materials a	and structures		воки	design and	maintenance	
	Rubio	APPLICATION	Caporale	analysis	APPLICATION					Hoxha			LECTURE	Peng		APPLICATION	
	Vulnerabil	ity, seismic survey		Conservati	on, rehabilitation						Sustainable	e infrastru	icture	Transform	mation of the	built environment	
	UNICAS and HBIM-	based structural	HST	and integra	tion of cultural					BOKU	design and	l maintena	ance	BUT	for the reh	abiltation of socially	
	Pelliccio analysis	LECTURE	Kolev	heritage	APPLICATION		Zavacky			Peng			LECTURE	disadvant	taged city di	istricts APPLICATION	Zavacky
	Energy eff	iciency.		Vulnerabili	ty, seismic survey	Transfor	mation of the	built envi	ronment		Sustainable	e rehabilit	ation in				
	USE Smart Citie					BUT	for the reh		of socially	им	architectur	re and urb	an deve-				
	Rubio	LECTURE	Caporale	analysis	APPLICATION	disadva	ntaged city dis	tricts	LECTURE	Senk	lopment	A	PPLICATION				
	CLOSING MEETING	Sustainab	le infrastruct		Hazard risk	-			Sustainable	e rehabilita	ation in		Energy eff	iciency.			
	TUIASI BOKU UO UM	BOKU design and	d maintenan	ce	TUIASI sustainable	e built en	vironment	им	architectur	re and urba		USE	Smart Citie	es.			
	USE UNICAS HST BUT	Peng	AP	PLICATION	Olteanu		APPLICATION	Strukelj	developme		LECTURE	Canivell			APPLICATION		
	Sustainabl	e infrastructure		The durabi	lity of sustainable				The durabi	lity of sust	ainable		Hazard risl	•			
	BOKU design and maintenance UO materials and structures		nd structures			UO materials a			nd structures TUIASI sustainabl		e built env	vironment					
	Peng	APPLICATION			APPLICATION			Hoxha			PPLICATION	Rotaru, P	escaru	A	APPLICATION		
	Vulnerabil	ity, seismic survey	Transforma	ation of the	built environment				The durabi	lity of sust	ainable		Conservati	ion, rehabi	ilitation		
		based structural			abiltation of socially			υο	materials a	and structu	ires	нѕт	and integr	ation of cu	ultural		
	Pelliccio analysis	APPLICATION	disadvanta	ged city di	istricts APPLICATION	Zavacky		Hoxha		Α	PPLICATION	Kolev	heritage	A	APPLICATION		