

## EVENT REPORT

Author:	Biljana Milutinović, PhD, Mech. Eng.
Event Title:	Study visit to the Technical University of Crete (TUC)
Event Date:	13.09.-15.09.2016.
Event Venue:	TUC, Chania, Crete
Type of the event: (National, international, press conference, promotional event etc.)	Study visit
Short description	
<p>The purpose of the travel was the study visit of the partners from Serbia to the TUC, within the DEV WP2 (activity 2.1), DEV WP 3 (activity 3.2) and WP 7.</p> <p>During the visit, the meeting of the PA partner institutions, PR partner institutions and TUC was held. At the meeting, the ongoing activities were discussed and the obtained results were presented.</p> <p>The host partner TUC organized the presentation of the entity in the field of WM and laboratories in School of Environmental Engineering at the Technical University of Crete, with the aim of passing the WM expertise to the partners from Serbia.</p> <p>Main objectives of the visit were:</p> <ul style="list-style-type: none"> <li>• Exchange of the experience about methodological approach for realization of the teaching process based on the use of modern ICT technologies</li> <li>• Exchange of the experience through the visit of the PR country public and private entities in the field of WM</li> <li>• Updating partners on the progress of the ongoing activities</li> <li>• Holding the 2<sup>nd</sup> Consortium meeting</li> </ul>	
Organizer(s):	Technical University of Crete (TUC)
Agenda:	<a href="http://www.wamppp.com">http://www.wamppp.com</a>
Total number of participants:	29
Links to further information:	<a href="http://www.wamppp.com">http://www.wamppp.com</a>
Other personal remarks:	
<p>The Study visit activities were organized during three days, 13. - 15.09.2016.</p> <p>On the first day, the following speeches and presentations were held:</p> <ul style="list-style-type: none"> <li>• Welcome speeches <ul style="list-style-type: none"> <li>- <b>Prof. Nikos Nikolaidis</b>, Deputy Director of the School of Environmental Engineering in Technical University of Crete</li> <li>- <b>Aleksandra Boričić</b>, Project Coordinator</li> </ul> </li> <li>• Presentation of TUC - <b>Prof. Vasilis Moustakis</b>, Professor of the TUC</li> <li>• News in Waste Management area in Serbia - <b>Biljana Milutinović</b>, VTSNIS</li> <li>• Review of the goals and outcomes of the package WP3 - <b>Dejan Blagojević</b>, VTSNIS</li> <li>• Case Studies and Methodological approaches in the implementation of the teaching process based on ICT technologies TUC - <b>Vasilis Moustakis</b>, TUC</li> <li>• Presentation of the developed new methodological approach for realization of the</li> </ul>	

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teaching process based on the use of modern ICT technologies - **Dejan Blagojević**, VTSNIS

- Presentation of developing of of ICT portal and an integrated database – **Dušan Stefanović**, VTSNIS
- Presentation Android Apps – **Slavimir Stošović**, VTSNIS
- Discussion

On the second day, at the end of the meeting, the presentation of Mechanical Recycling and Composting – Plant Landfill of Chania was held by **Panagiotis Chazirakis** from Inter-Municipal Company for Solid Waste Management ([www.dedisa.gr](http://www.dedisa.gr)). Mr. Chazirakis presented of the functional organization of their company and the specific topics of the field of WM connected that they are working in.

On the second day, 2nd Consortium meeting was held.

On the third day, the visit to the Environmental Engineering and Management Laboratory. During the visit, the Director of the Laboratory prof. **Evangelos Diamantopoulos** gave the presentation of the organization of their laboratory and the specific topics that they are working in, such as:

- Removal of pharmaceuticals and endocrine disrupters from municipal wastewater
- Water recycling and reuse of wastewater
- Natural and hybrid treatment systems
- Bacteria resistant to antibiotics: Find and destroy the sewage treatment plant
- Treatment of olive mill waste
- Production and environmental applications of activated carbons and Biochar.

## EVENT ORGANISATION DETAILS

Invitation was sent off to participants on:	N/A
Information Material was sent off to participants on:	N/A
Date of Initial Participant List Compilation:	N/A
Date of Final Participant List Compilation:	N/A
Total Number of Participants Invited:	N/A
Date of Agenda Finalisation:	05.09.2016.

## Problems encountered during the event preparation phase

(To be filled by organizers)

**Organisers:** Please complete (if you have not met with any problems in that phase, please fill in "N/A". Please also include any feedback by the participants **before** the workshop )

## EVENT ROLLOUT

### Final Event Agenda

<b><u>September 13th, Tuesday</u></b>	
10.00 – 10.20	Welcome speech (A.Boricic, V.Moustakis)
10.20 – 10.40	Presentation of TUC
10.40 – 11.00	State of Art in Waste management area in Greece (representative of TUC)
11.00 – 11.20	News in WM area in Serbia (B.Milutinovic)
11.20 – 12.00	Coffee break
12.00 – 12.30	Review of the goals and outcomes of the package WP3 (D. Blagojevic, Trajkovic, S.Stosovic, D.Stefanovic)
12.30 – 13.00	Case Studies and Methodological approaches in the implementation of the teaching process based on ICT technologies TUC (representative of TUC)
13.00 – 13.30	Presentation of the developed new methodological approach for realization of the teaching process based on the use of modern ICT technologies (D.Bлагоjevic, Trajkovic, S.Stosovic, D.Stefanovic)
13.30 – 13.45	Presentation of developing of of ICT portal and an integrated database (D.Stefanovic)
13.45 – 14.00	Presentation Android Apps (S.Stosovic)
14.00 – 15.00	Discussion
	Lunch
<b><u>September 14th, Wednesday</u></b>	
10.00 – 10.20	Report of the first Consortium meeting (A.Boricic)
10.20 – 10.40	Review of realized activities in previous period and overview on monitoring report (D.Bлагоjevic, B.Savic, Đ.Mihailovic, V.Petorvic, Ž.Stijelja, A.Boricic)
10.40 – 11.00	Report of the Commission for Quality WP6 quality (E.Bahtovska)
11.00 – 11.20	The following activities - accreditation form and study programs (B.Cvetanovic, A Boricic)
11.20 – 11.40	Accreditation of Master's programs (B.Savic)
11.40 – 12.00	Model of students placement (D. Juchelkova)
12.00 – 12.30	Coffee break
12.30 – 13.30	Financial Management (D. Blagojevic)
13.30 – 14.30	Steering committee
	Lunch
<b><u>September 15th, Thursday</u></b>	
10.00 – 13.00	Visit the laboratories within the TUC and landfill on Crete or some other interesting examples of private public partnership in the field of waste management

## Participants list



**WamPPP**  
561821-EPP-1-2015  
EPPKA2-CBHE-JP



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of the European Union

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Date: 13.- 15.09.2016.

Create

No. I day

Event: 4<sup>th</sup> study visit - Technical University of Crete - TUC

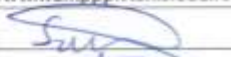


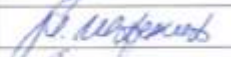

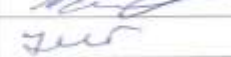
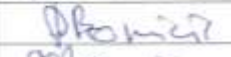







### Attendance list

No.	Name and surname	Organization	E-mail	Signature
1.	Dusan Stefanovic	College of applied technical sciences of VTSNIS	dusan.stefanovic@vtsnis.edu.rs	
2.	Dragan Juckelovic	VTSNIS Technical University of Crank	dragana.juckelovic@vtsnis.edu.rs	
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5.	Aleksandra Gruzic	VISER	aleksandra.gruzic@viser.edu.rs	
6.	Perica Rade	Belgrade Polytechnic	pradic@polsitek.rs	
7.	Zeljko Stojanovic	Belgrade Polytechnic	zstojanovic@polsitek.rs	
8.	SADJAN TRAJKOVIC	Belgrade Polytechnic	STRAJKOVIC@POLITEHNIKA.EDU.RS	

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WP leader

Task leader



## EVENT EVALUATION BY PARTICIPANTS

GENERAL ORGANISATION OF THE 4 <sup>TH</sup> FIELD VISIT					
	Poor	Fair	OK	Good	Excellent
Logistic preparation and organization of the visit	1	2	3	4	5
Content of the Agenda	1	2	3	4	5
Arrangements of the meeting (venue, equipment, etc.)	1	2	3	4	5
<i>Comments</i>					

The first topic was the lowest evaluated (4.40). The highest mark (4.75) was for the content of the Agenda and the lowest in this topic, (4.20), was for the logistic preparation and organization of the visit. There were only three questions on this topic, and this small number of questions affects on low mean values. Evaluations of this topic are given in Figure 1.

Related to the first topic, there weren't any comments.

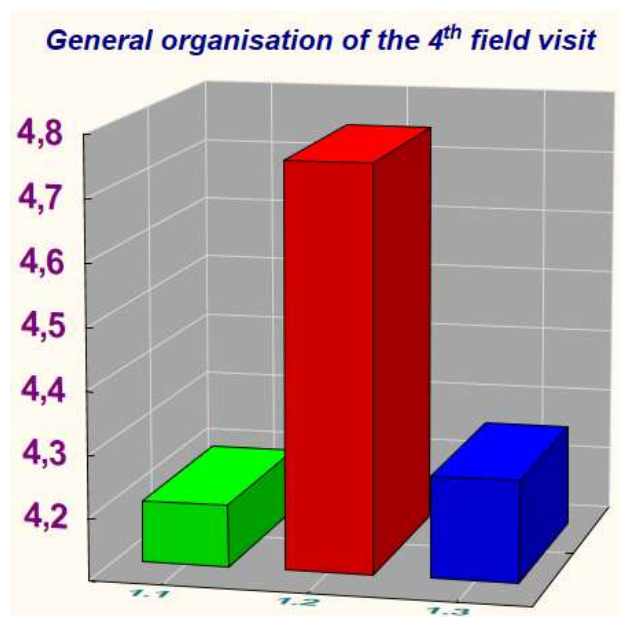


Figure 1

QUALITY OF PRESENTATIONS					
	Poor	Fair	OK	Good	Excellent
State of Art in WM area in Greece presentation (TUC)	1	2	3	4	5
News in WM area in Serbia (B.Milutinovic)	1	2	3	4	5
Review of the goals and outcomes of the package WP3 (D. Blagojevic, Trajkovic, S.Stosovic, D.Stefanovic)	1	2	3	4	5
Implementation of the teaching process based on ICT technologies TUC (representative of TUC)	1	2	3	4	5

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Teaching process based on the use of modern ICT tech. (D.Bлагоjevic, Trajkovic, S.Stosovic, D.Stefanovic)	1	2	3	4	5
Presentation of developing of of ICT portal and an integrated database (D.Stefanovic)	1	2	3	4	5
Presentation Android Apps (S.Stosovic)	1	2	3	4	5
Report of the first Consortium meeting (A.Boricic)	1	2	3	4	5
Review of realized activities in previous period (D.Bлагоjevic, B.Savic, Đ.Mihailovic, V.Petorvic, Ž.Stijelja, A.Boricic, partners from pub. and priv. sector)	1	2	3	4	5
Report of the WP6 (E.Bahtovska)	1	2	3	4	5
The following activities - accreditation form and study programs (B.Cvetanovic, A Boricic)	1	2	3	4	5
Accreditation of Master's programs (B.Savic)	1	2	3	4	5
Model of students placement (D. Juchelkova)	1	2	3	4	5
Financial Management (D. Благоjevic)	1	2	3	4	5

As a proof of successful visit is the best ranking rated topic with 4.72 average. From those, the highest mark, not only in this topic but also in the entire questionnaire, (4.88), was for the review of realized activities in the previous period (D.Bлагоjevic, B.Savic, Đ.Mihailovic, V.Petorvic, Ž.Stijelja, A.Boricic, partners from the pub. and priv. sector). Most of the presentations were with very high marks, (Fig. 2).

For this topic, there weren't any comments, either.

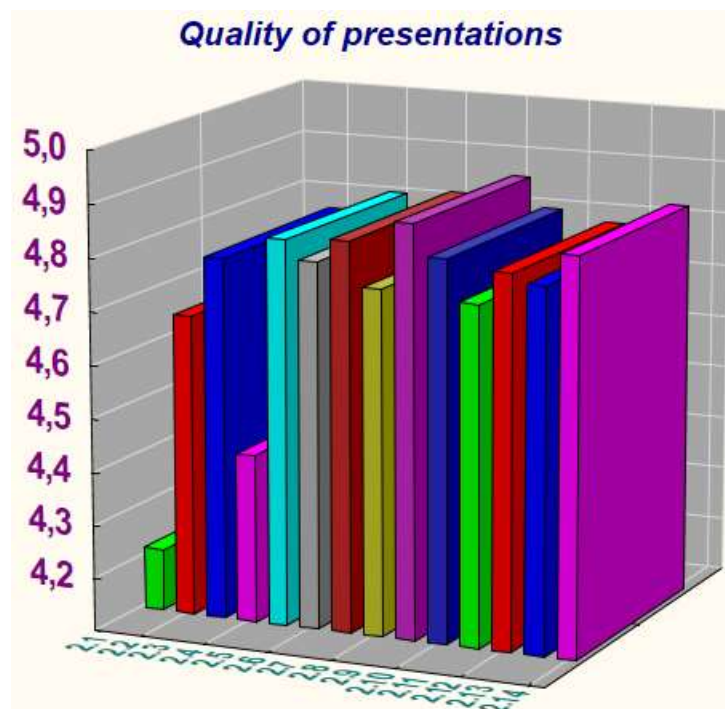


Figure 2



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GENERAL COOPERATION					
	Poor	Fair	OK	Good	Excellent
Duration and timetable of the visit	1	2	3	4	5
Quality of materials provided during the visit	1	2	3	4	5
Cooperation and communication between the participants	1	2	3	4	5
Review of quality assessment between the partners	1	2	3	4	5
<i>Comments</i>					

General cooperation of the fourth field visit was the third topic, and it was marked with 4.52 overall. The highest one (4.73), was for the review of quality assessment between the partners. Cooperation and communication between the participants was graded with 4.65, and this could be indicator of a good cooperation among partners, (Fig. 3).

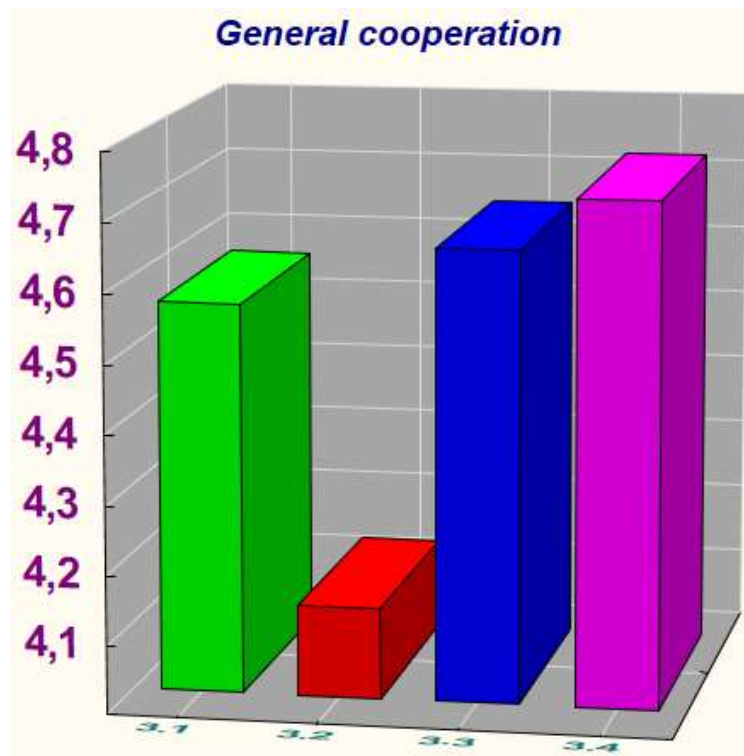


Figure 3

The quality of project materials provided during the visit has the lowest mark again (4.13), and it is the lowest estimate not only in this questionnaire but also in all of the questionnaires since the WamPPP project started. We pointed out on the deficiency of the project materials for field visits, and it must be improved.

No comments for this topic.

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OVERALL SUCCESS OF THE 4 <sup>TH</sup> FIELD VISIT					
	Poor	Fair	OK	Good	Excellent
Realization of WP2 and WP3	1	2	3	4	5
Steering committee / conclusion	1	2	3	4	5
Achievement of the visit and project goals	1	2	3	4	5
Project discussions	1	2	3	4	5
Assignment of follow-up tasks	1	2	3	4	5
What went well in this visit?					
What could have gone better?					

Summarizing the impressions of the fourth field visit was contained in the fourth topic, which achieved an average 4.66, and it was the second best-ranked topic in the questionnaire.

High ranking (4.77) was for the project discussions and (4.71) for the conclusion of Steering Committee, (Fig. 4). This is a clear sign of good partner's cooperation and realization of the project.



Figure 4

### The comments on the 4<sup>th</sup> set of questions:

1. What went well in this visit?

Discussion about emergent tasks in the realisation of the project, building stronger connections among partners included in the project.

2. What could have gone better?

Internet connection should have been provided for live demonstration.

Host (Crete) could have provided Water in hot office!!!

The questionnaire of the fourth field visit of WamPPP proved that it was generally successful. But, it was not successful as previous visits and meetings. All of the visits were excellent rated, and each of them was more successful than the previous one, until this one.

The average rating of the entire questionnaire is 4.58, which is excellent. But the fact is that is the lowest ranking visit until now. The lowest mark (4.13), in this and all previous questionnaires, was for the quality of project materials provided during the visit, (Topic 3), and it indicates that it really must undertake measures for its improvement.

The highest mark, not only in this topic but also in the whole questionnaire, (4.88), was for the review of realized activities in previous period (D.Bлагоjevic, B.Savic, Đ.Mihailovic, V.Petorvic, Ž.Stijelja, A.Boricic, partners from pub. and priv. sector), (within the Topic 2), wich was the main goal of this visit, (Fig. 5).

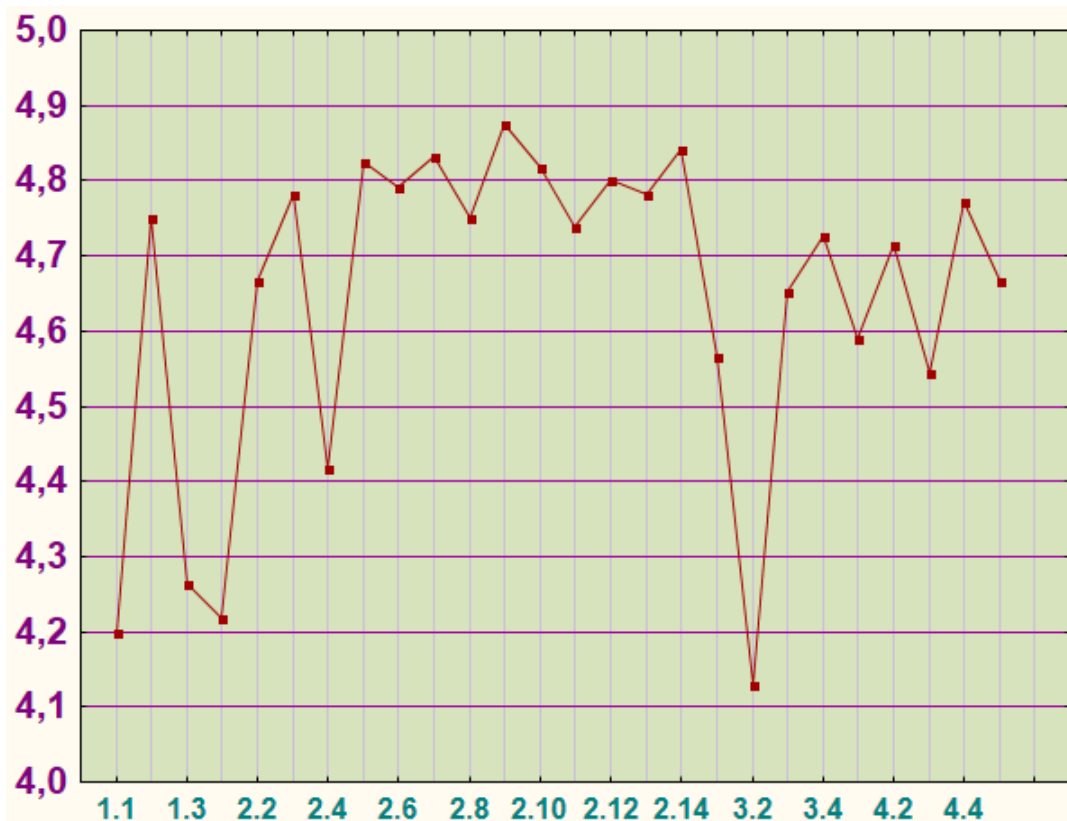


Figure 5. The whole questionnaire

Topic 2 has the highest average (4.72), and it indicates that presentations of realization of WP2 and WP3, were good and clear enough, which was the purpose of the visit (meeting). Topic 4 has 4.66, and Topic 3 has 4.52. Topic 1 and its marks are the lowest for this visit, 4.40 average, which is lower than the previous visits, (Fig. 6).

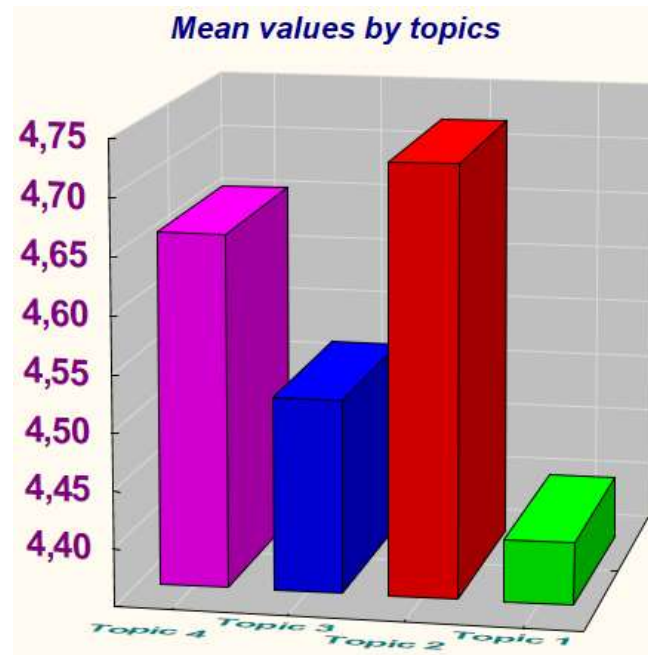


Figure 6. Averages by topics

Although it was the lowest ranked visit since the beginning of the project, which is the warning that additional efforts must be put for improvement of the following meetings, it was still estimated with the excellent mark 4.58.

Still, there is a great motivation and willingness of cooperation in the project by project partners and high level of support and professional expertise to the project by its coordinator. In general, this questionnaire showed that the fourth field visit outcomes were satisfactory.

## Conclusions

The 4th study visit was organized with the aim of capacity building of the Serbian partners. All the planned activities were carried out, with the small change in the schedule.

The objectives of the study visit were achieved:

- During the presentation of the newly developed methodological approach for realization of the teaching process based on the use of modern ICT technologies, developing of ICT portal and an integrated database, and the Android Apps, the partners had the opportunity to receive more information about the realization of activities within the WP3.
- During the presentation of the company operating in the field of WM, the partners were familiarized with the complete process of the waste treatment carried out in the presented facilities.
- During the visit of the laboratory facilities of the TUC School of Environmental Engineering, the partners had the opportunity to receive more information about the equipment suitable and necessary for the laboratories that operate in the field of WM. The partners found this very useful, highly grading this visit in the questionnaire.
- The partners were updated on the achieved results, especially outcomes of WP3, and ongoing activities.

## Additional comments

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## Group photo

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