



## EVENT REPORT

This template has to be filled by project partners (organizers) for all WamPPP events (except SCmeetings). Furthermore, this template can be used to inform colleagues and partners about other events attended (promoting IF4TM). In the second case please just fill in the first page and delete the chapters thereafter.

Author:	Anica Milošević, Slađana Nedeljković
Event Title:	The Faculty of Mechanical Engineering at the University of Maribor (FS UM)
Event Date:	06.04.-08.04.2016.
Event Venue:	Maribor, Slovenia
Type of the event: (National, international, press conference, promotional event etc.)	Study visit
<b>Short description</b>	
<p>The study visit of Serbian partners to the the University of Maribor, Faculty of Mechanical Engineering was organized in the scope of the activity 2.1. of WamPPP ERASMUS+ project. During the study visit, the representatives of the host organized the following events:</p> <ul style="list-style-type: none"> <li>• Visit to the Puconci regional waste management center</li> <li>• Visit to the Gorenje Surovina, Maribor</li> <li>• Visit to the Faculty of Mechanical Engineering in Maribor,</li> <li>• Visit to the Institute for environmental protection and monitoring IOS Maribor</li> <li>• Visit to the power plant Celje,</li> <li>• Visit to the Celje regional waste treatment centre</li> </ul> <p>Realization of the activity is related to the analysis of the existing programs in the field of environmental protection and waste management.</p>	
Organizer(s):	The Faculty of Mechanical Engineering at the University of Maribor (FS UM)
Agenda:	Trello
Total number of participants:	24
Links to further information:	N/A
<b>Other personal remarks:</b>	



The study visit to Maribor was organized as a 3 day activity.

06.04.2016.

- On the first day the visit of the Puconci regional waste management center was organized. The center is owned by 28 municipalities of the Pomurje region. Dr Tatjana Bagar, the representative of the center, introduced the operating processes of the waste management center to the Serbian partners and organized the visit to all facilities.
- The next visit was to the private waste treatment center Gorenje Surovina. The ecology sector of the Gorenje Company, in which Gorenje Surovina operates, deals with the treatment of waste. The waste treatment is divided on:
  - Treatment of industrial waste – secondary raw materials, metals and nonmetals
  - Treatment of hazardous waste
  - Treatment of municipal waste
  - Design, consulting and supervision in civil engineering geotechnology, geology, mining and waste treatment
  - Ecology analyses and investigation, monitoring, education, consulting, laboratory analyses, ecological communication

Davorin Mejal, the representative of the company, gave the presentation about functioning of Gorenje in the field of waste management.

07.04.2016.

- On the second day the visit to the Faculty Mechanical of Mechanical Engineering was organized. The representatives of the host institution, dr Filip Kokalj, dr Niko Samec and the vice dean of the faculty, dr Tatjana Kreže, gave the welcome speeches and the speech about the Faculty of Mechanical Engineering. Dr Niko Samce gave the presentation on the concept of the construction of the regional landfill Celje.
- The presentation was followed by the discussion of the activities in the WamPPP project. Dr Dejan Blagojević analyzed the hitherto produced outputs, finished activities, ongoing activities and the plans for the future activities. Marina Stamenović from Belgrade Polytechnics was assigned to develop curriculum for study program in the field of waste management. Dr Aleksandra Boričić proposed the courses for employees in the field of waste management. Bratimir Nešić, based on the experience, summarized the required competences of the future workers in the field of waste management. Dr Maja Nikolić from the Public Health Institute explained her perspective on waste management issues. Dr Đorđe Mihajlović from College of Applied Technical Sciences Arandjelovac informed partners about the upcoming conference on the environmental protection. Aleksandra Grujić from The School of Electrical and Computer Engineering of Applied Studies discussed the modification of the plan for the equipment procurement.



08.04.2016.

- The institute for environmental protection and monitoring IOS Maribor, was visited on the third day of the study visit. The founder of the institute, de Aleksandra Lobnik, professor at the Faculty of Mechanical Engineering in Maribor was the host of the visit. Dr Mojca Pobrežnik gave the presentation about the institute, with the special reference to the wastewater treatment. The institute has about 30 employees, PhD students and postgraduate students. It has modern laboratories for water analysis, nanomaterials, nanotechnology etc.
- The next visit was to the power plant in Celje. The head technologist Sebastjan Živpelj organized a tour through the facilities. The capacity of the power plant covers the needs of the city Celje with the 60 000 inhabitants. 80% of the energy is being made from renewable resources: wood or waste.
- The next visit was to the Celje regional waste disposal center. The tour through the facilities was organized by Jure Svetičić, head of the centre. The landfill, sorting sector, composting sector, mechanical-biological treatment center and the laboratory from which the whole center is controlled were visited.

## 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:	04.04.2016.



## 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>April 6th, Wednesday</u></b>	
09.00 – 13.30	Visit of the Regional waste management center (Puconci)
13.30 – 15.30	Visit of the refuse derived fuel production plant and sorting plant (Maribor)
15.30 – 17.00	Lunch at the Gostilna Anderlič in Maribor
17.00 – 19.00	Maribor city center sightseeing
<b><u>April 7th, Thursday</u></b>	
09.00 – 10.30	Project meeting at Faculty of Mechanical Engineering
10.30 – 12.00	Visit of the environmental laboratories of the IOS (Maribor)
<b><u>April 8th, Friday</u></b>	
10.30 – 13.30	Regional waste management center (Celje)
13.30 – 15.30	Regional waste incineration plant (Celje)
15.30 – 17.00	Lunch at the Gostilnapri Kmetec – Tlačan in Celje
17.00 – 19.00	Celje city center sightseeing
19.00 – 21.45	Diner at the Vinskaklet Valdhuber in Svečina



## Participants list

The 2<sup>ND</sup> Field visit, University of Maribor, Slovenija, 05 – 09. April 2016

R.B.	Ime i prezime / First and last name	Institucija / Institution	Telefon / Phone	E-mail	Potpis / Signature
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R.B.	Ime i prezime / First and last name	Institucija / Institution	Telefon / Phone	E-mail	Potpis / Signature
15.	PETRA TANKOVIĆ	VTŠ NS	069-4892-509	STEVANOVIĆ@VTSNIS.EDU.RS	Tankovic
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WP leader

*Please add your comments, if any*

Task leader

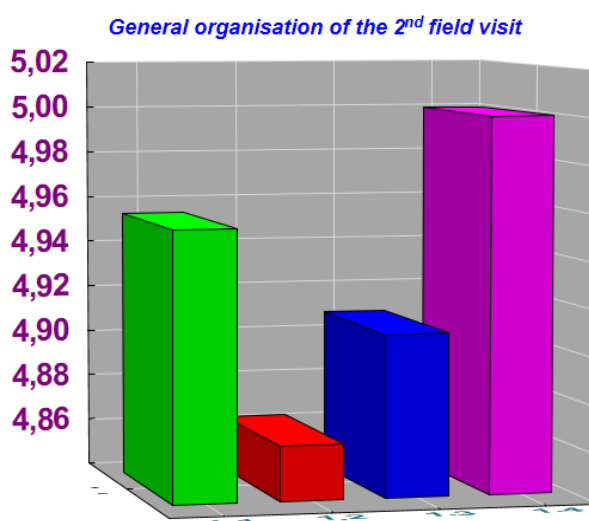
*Please add your comments, if any*

## EVENT EVALUATION BY PARTICIPANTS

The questionnaire was completed on April 8th, 2016, by 22 participants that were able to mark the question from 1 (poor) to 5 (excellent) and also include free-form comments on each topic.

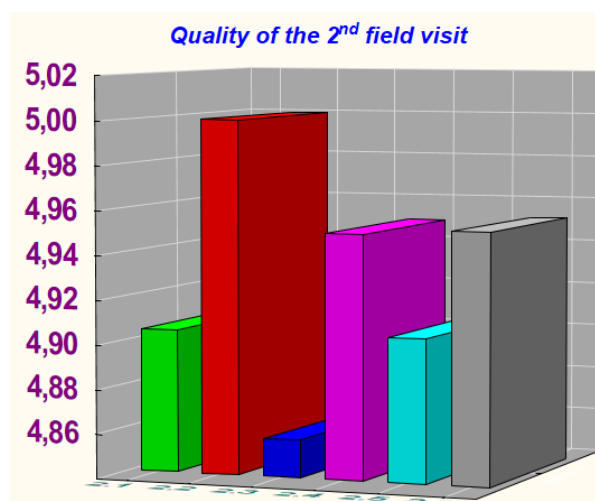
The average rating of the whole questionnaire is 4.87, which is excellent!

GENERAL ORGANISATION OF THE 1 <sup>ST</sup> FIELD VISIT					
	<i>Poor</i>	<i>Fair</i>	<i>OK</i>	<i>Good</i>	<i>Excellent</i>
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
The event dinner and subsistence	1	2	3	4	5
<i>Comments</i>					

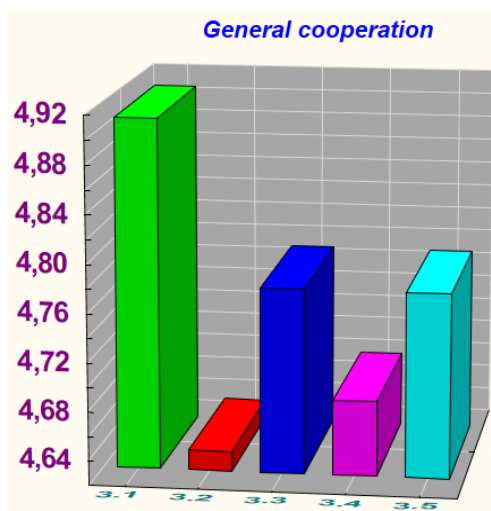




QUALITY OF THE 1 <sup>ST</sup> FIELD VISIT					
	<i>Poor</i>	<i>Fair</i>	<i>OK</i>	<i>Good</i>	<i>Excellent</i>
Visit to the Regional waste management center (Puconci)	1	2	3	4	5
Visit to the refuse derived fuel production plant and sorting plant (Maribor)	1	2	3	4	5
Visit to the Regional waste management center (Celje)	1	2	3	4	5
Visit to the Regional waste incineration plant (Celje)	1	2	3	4	5
Visit to the environmental laboratories of the IOS (Maribor)	1	2	3	4	5
Project meeting at Faculty of Mechanical Engineering	1	2	3	4	5
<i>Comments</i>					



GENERAL COOPERATION					
	<i>Poor</i>	<i>Fair</i>	<i>OK</i>	<i>Good</i>	<i>Excellent</i>
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
Possibility of introducing laboratory equipment	1	2	3	4	5
Possibility of getting informations about the state of equipment	1	2	3	4	5
<i>Comments</i>					



OVERALL SUCCESS OF THE 1 <sup>ST</sup> FIELD VISIT					
	<i>Poor</i>	<i>Fair</i>	<i>OK</i>	<i>Good</i>	<i>Excellent</i>
Strengths of the visit and contributions	1	2	3	4	5
Opportunities to compare the states of equipment	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?					







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

### 1. What went well in this visit?

- *Everything.*
- *We saw many new methodologies and we saw first time many things.*
- *All!*
- *Sve je bilo veoma dobro.*
- *Puconci and all.*
- *Puconci, Maribor +++*
- *Most things.*

### 2. What could have gone better?

- *Better cooperation between participants.*
- *Better communication with project coordinator and project manage.*
- *Our bus!!!*
- *More days for field visit!*
- *More information.*

## Conclusions

The study visit to the Faculty of Mechanical Engineering in Maribor was organized as the 3 day event during which the following visits were organized:

- Visit to the Regional waste management center (Puconci)
- Visit to the refuse derived fuel production plant and sorting plant (Maribor)
- Visit to the environmental laboratories of the IOS (Maribor)
- Visit to the regional waste management center (Celje)
- Visit to the regional waste incineration plant (Celje)

The following conclusions have been made:

- All the planned activities were carried out, with the small change in the schedule.
- The Cooperation agreement was signed between VTS Nis and The Faculty of Mechanical Engineering in Maribor.
- During the visits of the public and private entities in the field of WM the complete process of the waste treatment carried out in those companies could be seen
- The visits resulted with ideas for various courses in the future study program
- The quality of the study visit was very high, which can be seen in the results of the questionnaire.

## Additional comments

- May be filled by any of the organizing partners



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**WamPPP**  
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Waste management curricula development through partnership with public and private sector [www.wamppp.vtsnis.edu.rs](http://www.wamppp.vtsnis.edu.rs)

## Group photo

