



EVENT REPORT TEMPLATE (Annex H to Quality Control and Monitoring Manual)

This template has to be filled by project partners (organisers) for all IF4TM events (except SC meetings). 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:	Prof. Dr. Vesna Mandic
Event Title:	Visit to the University of Maribor
Event Date:	17-18 January 2019
Event Venue:	University of Maribor
Type of event:	
(National, international, press	
conference, promotional	
event etc.)	Study visit
Short description:	

As part of the internal monitoring of the project (act6.3) and realization of the PoC project TorgSens (act3.5 and act3.6), representatives of the University of Kragujevac visited the University of Maribor on January 17 and 18, 2019. On that occasion, meetings were held with the members of the project team from Maribor related to the implemented project activities, applied quality control and procedures for technical and financial management. Also, aspects relating to the implementation of the PoC program, ie support to teams from Serbia in implementing projects in terms of consulting support, prototype validation, development of the commercialization strategy, etc., are also considered.

Members of PoC project TorqSens two laboratories during this visit, Laboratory of Electrical Machines (LEM) and Laboratory of Applied Electromagnetics (LAE). First day of visit was devoted to the testing of torque sensor prototype in LEM. It was discussed how it should be mounted to the existing equipment, what would be testing conditions and which results should be obtained from testing. The aim of this activity is to obtain valid results from a high-fidelity laboratory in order to confirm the results of initial testing performed in our laboratory at the Faculty of Technical Sciences in Čačak.

Second day of visit was devoted to the validation of torque sensor prototype through finite element analysis (FEA) of its 3D CAD/CAM model. Activities were performed in the LEA, were it was discussed firstly how to perform testing of steel shaft of the sensor and how to obtain its actual magnetic characteristics under applied torsional stress, as well as how to use such characteristic in FEA software and which result to obtain from simulations. The final aim of this activity is optimization of the sensor's design through extensive simulations in order to obtain better sensitivity and to obtain better metrological performance.

Organiser(s):	
Agenda:	
Total number of participants:	8
Links to further information:	
Other personal remarks:	





### <u>Agenda</u>

## AGENDA

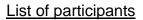
<b>Thursday, 17 January 2019</b> Visit to University of Maribor within IF4TM project Faculty of Mechanical Engineering, Smetanova ulica 17, Room B 202			
09:30 - 10:00	Registration of participants		
10:00 – 10:45	Presentation of Act3.5 status and PoC projects implementation	Prof. dr Vesna Mandic University of Kragujevac	
10:45 – 11:30	- 11:30 Presentation of UM support for PoC Prof. Dr. Marjan Leber University of Maribor		
11:30 – 12:00 Coffee break			
12:00 – 12:45	Presentation of Act3.6 - commercialisation strategy for selected PoC projects	Prof. dr Vesna Mandic University of Kragujevac	
12:45 – 13:30	Presentation of UM support in developing commercialisation strategy	Prof. Dr. Marjan Leber University of Maribor	
13:30 - 14:30	13:30 – 14:30 Lunch break		
14:30 - 16:00	PoC project - Torque Sensor based on Magnetomechanical Effect in Commercial Steel - TorqSens	Laboratory for electrical machines	
	PoC project - TorqSens	Laboratory for applied electromagnetics	
16:00 - 16:30	Discussion and conclusion	All	





<b>Friday, 18 January 2019</b> Visit to University of Maribor within IF4TM project Faculty of Mechanical Engineering, Smetanova ulica 17, Room B 202			
09:30 - 10:00	Registration of participants	Registration of participants	
10:00 – 11:30	Monitoring of UM institutional activities in IF4TM project	Prof. dr Vesna Mandic University of Kragujevac All	
	PoC project - TorqSens	Laboratory for electrical machines	
11:30 – 12:00	Coffee break		
12:00 – 13:30	Monitoring of UM financial rules and supporting documents	Prof. dr Vesna Mandic University of Kragujevac All	
13:30	PoC project - TorqSens	Laboratory for applied electromagnetics	
13:30 – 14:30	Lunch break		
	Reporting and financial issues	All	
14:30 – 16:00	PoC project - TorqSens	Laboratory for electrical machines	
	PoC project - TorqSens	Laboratory for applied electromagnetics	
16:00 – 16:30	Discussion and conclusion		







#### Co-funded by the Extension Programme of the European Unice

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Attendance List

Event	Visit to the University of Maribon	
Venue:	University of Marbor, Slovenia	
Date:	17/01/2019	
Organisers:	University of Maribor	

	Name	Organisation	Signature
1	VESNA MANDIC	UKG	Mayos naus
2	Marco Sularovic Harjon LEBRE	UKG -FTN	Hanny Wy hyle b
3	Harjon LEBER	UM	they.
4	Miharla Tatavie	VIKG-FTN	M West
5	BRLAIKO KOPRIVICA	UKG-PTN	Alon malma
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# Attendance List

Event,	Visit to the University of Maribon	
Venue	University of Maribor, Slovenia	
Date:	18/01/2019	
Organisers.	University of Maribon	

	Name	Organisation	Signature
1	11	le constante con	Last manager and
2	Vesus Maudic	UFG	Maynsha
3	Muhasle Tatević	UKG-FTN	M. Sindet
4	MARKO SUGURANIE	UKG - FTN UKG - FTN	Hynny Myhald
\$	Marjan LEBER	an	12-3
6	BRANKO KOPRIVICA	UKG-FTN	Electron brouge
7	BELLIKO KOPRIVICA 1770K PALOČ	UM	The
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Co-funded by the Erasmus+ Programme of the European Union

## Photos







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