

Steering Committee meeting

20th April 2010. Banja Luka

WBC-VMnet Project WBC Partner presentation

Zoran Jurkovic

Faculty of Engineering, University of Rijeka

Outline

- ❖ Overall achievements
- ❖ Obstacles and shortcomings
- ❖ Key project results, per Outcomes
- ❖ Conclusions

❖ Overall achievements

During the second cycle (another six months) of project team at University of Rijeka has achieved the following results according to workplan:

- **continued process with set up, equip and establishing Collaborative Training Center (CTC) on Faculty of Engineering (ongoing process of two kind of software buying: bulk metal forming simulation software & progressive die design software),**
 - present situation: quotations have been opened and now Procurement Committee analyse all received quotations to make conclusion and propose the best quotation,
- **new VMnet members bring in the network,**

❖ Overall achievements - continued

- 3 EU models for University–enterprise cooperation have been collected and analyzed,
- Training/service needs analyses – TSNA completed,
- Motivational seminar successfully completed 16. February 2010. on Faculty of Engineering – UR,
- project team take to contribution in develop of regional model of cooperation between UNI-ENT,
- dissemination process of the our project in the Liason office Workshop and
- Info days about project and publication Regional model of cooperation between UNI-ENT is ongoing process.

❖ **Obstacles and shortcomings**

✓ in this phase of project workplan we have not defined new obstacles and shortcomings, but one which always persistent is afraid about motivation community for issue of this project especially in this economic crisis.

❖ Key project results, per Outcomes

Outcomes 1.1.

- continued with procedure about set up, equip and establishing Collaborative Training Center (CTC),
 - now: quotations have been opened and now Procurement Committee analyse all received quotations to make conclusion and propose the best quotation,
 - and assure source of co-financing (for second year) is in process of application.

Dear,

Faculty of Engineering, University of Rijeka, within the realization of the Tempus project WBC-VMnet entitled "WBC Virtual Manufacturing Network – Fostering an Integration of the Knowledge Triangle", is seeking to purchase VM (Virtual manufacturing) software.

Bearing in mind, that you are a software vendor in which we are interested to buy, we would like to ask you to deliver us the quotation for:

Academic perpetual license of software for 2D/3D FE bulk metal forming simulation

In accordance with the proposal, please find enclosed new Request for Quotation RFQ-15032010-04-lot1, with detailed description of the project, software we seek and requirements for quotation.

In case several solutions of your software meet the requirements of our request, we would like to ask you to send us several options of your offer.

The deadline for sending us, via regular mail, your quotation is **April 9, 2010**.

We are looking forward to receiving your quotation.

Should you have any questions concerning RFQ-15032010-04-lot1, feel free to contact us no later than March 31, 2010 via the following e-mail:

zoran.jurkovic@riteh.hr

Dear,

Faculty of Engineering, University of Rijeka, within the realization of the Tempus project WBC-VMnet entitled "WBC Virtual Manufacturing Network – Fostering an Integration of the Knowledge Triangle", is seeking to purchase VM (Virtual manufacturing) software.

Bearing in mind, that you are a software vendor in which we are interested to buy, we would like to ask you to deliver us the quotation for:

Academic license of software for progressive die design for sheet metal forming

In accordance with the proposal, please find enclosed new Request for Quotation RFQ-15032010-04-lot4, with detailed description of the project, software we seek and requirements for quotation.

In case several solutions of your software meet the requirements of our request, we would like to ask you to send us several options of your offer.

The deadline for sending us, via regular mail, your quotation is **April 9, 2010**.

We are looking forward to receiving your quotation.

Should you have any questions concerning RFQ-15032010-04-lot4, feel free to contact us no later than March 31, 2010 via the following e-mail:

zoran.jurkovic@riteh.hr

Project Coordinator for Croatia
 Asst. Prof. D. Sc. Zoran Jurkovic
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 University of Rijeka
 Vukovarska 58
 HR-51000 Rijeka, Croatia

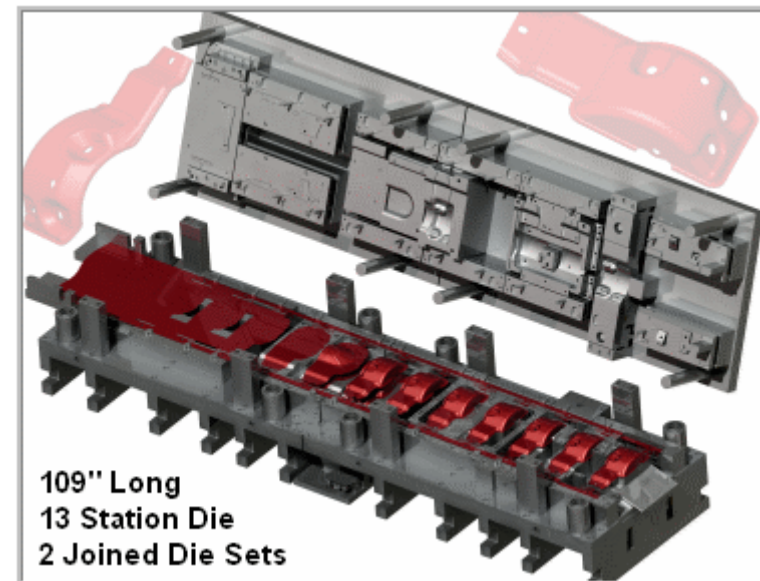
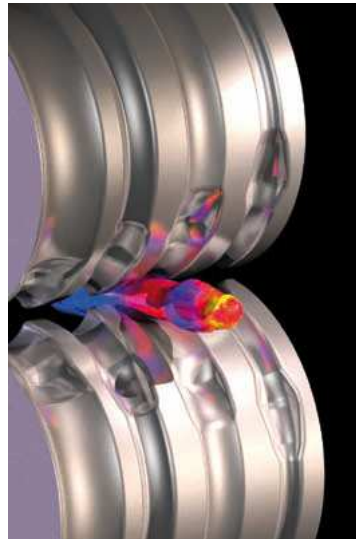
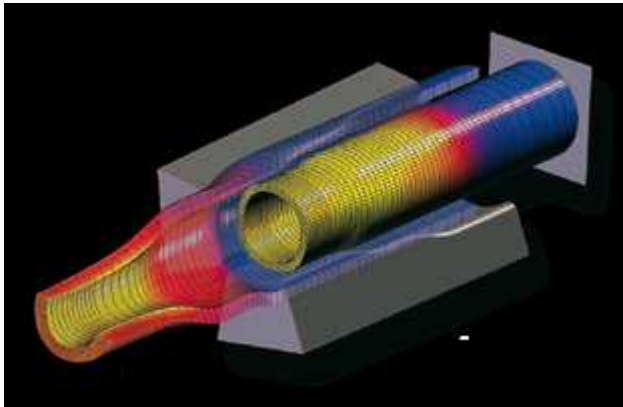
Project Coordinator for Croatia
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Documents of requirements for software's quotations



European Commission
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- collected offer for:
 - the bulk metal forming simulation software:
 1. Simufact-forming
 2. Deform
 - and the progressive die design software:
 1. 3DQuickPress
 2. Logopress3



Outcomes 2.2.

- **bring new VMnet members:**
 - in this first year of the project activities the new (overall between 60-70),
 - and this process still going to the target group of minimal 100 new members.

Outcomes 3.1.

- **collected and analyzed the EU models for cooperation in the knowledge triangle:**
 - **3 EU models for University–enterprise cooperation have been collected and analyzed (University of Edinburgh-UK (20th World University Rankings for 2009), University of Maribor-Slovenia and Technical University of Cluj-Napoca-Romania).**

Outcomes 3.2.

- **Develop, assess and adopt the new regional model of cooperation:**
 - project team take to contribution in developing regional model of cooperation between UNI-ENT and for that prepared the current state in Croatia on that issue.

536.
 Pun naziv preduzeća: Strojarski fakultet u Slavonskom Brodu
 Skraćeni naziv preduzeća: vgalzina
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 Kontakt osoba: Vjekoslav Galzina
 Pozicija kontakt osobe: asistent
 Pol: Muski

537.
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 Pozicija kontakt osobe: Izvanredni profesor
 Pol: Muski

538.
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 Telefon: +385 35 493 452, +385 91 446 0101
 Kontakt osoba: Dražan Kozak

List of some members

EU good practices, in the area of university-enterprise cooperation, collected so far:

1. Graz University of Technology
2. University of Brighton
3. University of Novi Sad
4. Universite Paris-SUD 11
5. Technical University of Denmark
6. Rheinische Fachhochschule Köln - University of Applied Sciences
7. Staffordshire University
8. Masaryk University
9. Norwegian University of Science and Technology (NTNU)
10. University of Ljubljana
11. DIMEG, University of Padova
12. Aalborg Univeristy
13. **Technical University of Cluj-Napoca**
14. University of Bristol
15. **University of Edinburgh**
16. **University of Maribor**

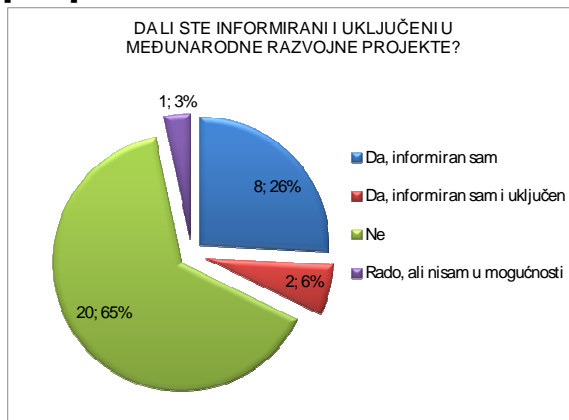
List of collected EU models



Outcomes 4.1.

• TSNA

- after intensive work on collecting and analyzing all questionnaire from enterprises management, employed and unemployed, in cooperation with Croatian Employment Service and SME partner Elcon Geretebau, project team achieved better results than planned (min. 100 questionnaire),
- according that, Report on results in TSNA analysis in Croatia was prepared.



Results of the question for management about informed & involved in international developed projects

TSNA analysis in Croatia						
R. br.	Naziv anketiranog poduzeća	Mjesto	QD-01-TSNA general QD	QD-02-TSNA manager QD	QD-03-TSNA employed QD	TOTAL QD
1	DYNOMAX d.o.o.	Viškovo	1	1	1	3
2	JLM - Perković d.o.o.	Matulji	1	1	1	3
3	AR-METAL d.o.o.	Kastav	1	1	1	3
4	SCAM MARINE d.o.o.	Viškovo	1	1	1	3
5	VEBRA PROIZVODNJA KRK	Krk	1	1	1	3
6	METALLIC d.o.o.	Rijeka	1	1	1	3
7	GASKET d.o.o.	Viškovo	1	1	1	3
8	PPM d.o.o.	Čakovec	1	1	1	3
9	MG-RIJEKA d.o.o.	Rijeka	1	1	1	3
10	3. MAJ TIBO d.d.	Matulji	1	1	3	5
11	MACK d.o.o.	Rijeka	1	1	2	4
12	LABINPROGRES - TPS d.o.o.	Labin	1	1	1	3
13	FORTUNA d.o.o.	Gospić	1	1	1	3
14	ALPRON d.o.o.	Kastav	1	1	1	3
15	TOKARIJA BALEN	Rijeka	1	1	1	3
16	B. R. O. S. S. TEHNIKA d.o.o.	Viškovo	1	1	1	3
17	EUROMODUL d.o.o.	Viškovo	1	1	1	3
18	SPB - INŽENJERING d.o.o.	Rijeka	1	1	1	3
19	MARDESIGN d.o.o.	Rijeka	1	1	2	4
20	Kovintokarska radnja Mandić	Matulji	1	1	1	3
21	BIMONT d.d.	Rijeka	1	1	2	4
22	GRGURIĆ d.o.o.	Delnice	1	1	1	3
23	SETING - INŽENJERING d.o.o.	Delnice	1	1	1	3
24	OBRT CNC ERODIRANJE	Jurdani	1	1	0	2
25	NOVEN d.o.o.	Kastav	1	1	0	2
26	FUSIO d.o.o.	Poreč	1	1	1	3
27	BRODOGRADIŠTE VIKTOR LENAC d. d.	Rijeka	1	1	3	5
28	AS2CON Alveus d.o.o.	Rijeka	1	1	1	3
29	Vulkan-nova d.o.o.	Rijeka	1	1	4	6
30	INOX ADRIA d.o.o.	Viškovo	1	1	0	2
31	3.MAJ BRODOGRADIŠTE d. d.	Rijeka	0	0	3	3
						100

TSNA analysis in Croatia							
No	Performed by partner	Place	QD-01-TSNA general QD	QD-02-TSNA manager QD	QD-03-TSNA employed QD	QD-04-TSNA unemployed QD	TOTAL QD
1	UR	Croatia	30	30	40		100
2	Elcon Geretebau	Croatia	1	1	5		7
3	NEA	Croatia				51	51
						TOTAL	158



Outcomes 6.3.

Information days and public appearances

- ongoing process is organization of Info days in Rijeka (13/14) & Zagreb (24/28) in May. Already finished first contact for organization those Info days,
- so far, Publication Regional model of cooperation between UNI-ENT send to 20 addresses and this week has planned (70 addresses) to inform another relevant institutions for "knowledge triangle" integration process,
- Publication will be placed for public debate on Faculty and University web site very soon,
- one dissemination process already done under STARNETregio FP7 project workshop held on 31st March in Regional developed agency – Rijeka.

Liason Offices 3rd Workshop

RDA Porin, Rijeka

31st March 2010
 09:00 – 13:00

09:00	Welcome speech <i>Doris Sošić, CEO RDA Porin</i>
09:10	Introduction – Overview on STARNETregio project with highlight on Shared Trans-national Research Agenda <i>Ph.D. Dragan Čišić, Associate Professor at the Faculty of Maritime Studies, University of Rijeka</i>
09:20	Issues of Croatian shipbuilding industry <i>Ph.D. Saša Drezgic, Assistant Professor at the Faculty of Economics, University of Rijeka</i>
09:50	PGC support system and organisational structure for boosting the capacities for RDI and technology transfer opportunities <i>Doris Sošić, CEO RDA Porin</i>
10:20	Rijeka Innovation Living Lab <i>Ph.D. Dragan Čišić, Associate Professor at the Faculty of Maritime Studies, University of Rijeka</i>
10:50	WBC Virtual Manufacturing Network – Fostering an Integration of the Knowledge Triangle <i>Ph.D. Zoran Jurković, Assistant Professor at the Faculty of Engineering, University of Rijeka</i>
11:20	STePri – New incentives for faster development of R&D potential through synergy between scientist, technologist and entrepreneurs in the region <i>Ph.D. Ivo Orlic, Professor, CEO STePri, The Science and Technology Park Rijeka</i>
11:50	Best practice: AREA Science Park's tools & services for business innovation <i>Steve Taylor, Director technology Transfer Department, AREA Science Park</i>
12:20	Questions and answer <i>All participants</i>



Agenda of the Liason offices Workshop, 31st March
 2010, RDA Porin - Rijeka



Outcomes 6.4.

Organized motivational seminar

- The second motivational seminar titled "Join and Benefit" was held on February 16th 2010, at the Faculty of Engineering, University of Rijeka with 42 participants from University and education institutions, SMEs, local institutions, technological innovation center and park, etc.



MOTIVACIJSKI SEMINAR „Prikluči se i profitiraj“
 Tehnički fakultet u Rijeci
 16. veljače 2010.

Utorak, 16. veljače 2010, Rijeka	
9:30 – 10:00	Registracija sudionika
10:00 – 10:15	Pozdravni govori red. prof. dr. sc. Tonči Mikac, dekan Tehničkog fakulteta, i red. prof. dr. sc. Zdravko Lenac, pomoćnik rektora za međunarodne projekte
10:15 – 10:45	Plenarno zasjedanje I
Prezentacija projekta WBC-VMnet, Suradnja Sveučilišta i gospodarstva – ključ ekonomskog razvitka Hrvatske	Izv. prof. dr. sc. Vesna Mandić, voditelj projekta Univerzitet u Kragujevcu, Mašinski fakultet Kragujevac Doc. dr. sc. Zoran Jurković, koordinator projekta za Sveučilište u Rijeci, Tehnički fakultet Rijeka
10:45 – 11:15	Plenarno zasjedanje II
Prezentacija rezultata TSNA analize u Hrvatskoj - potrebe za obukama i uslugama	Hrvoje Radelja, suradnik na projektu, Tehnički fakultet Rijeka Daniela Maras Vukušić, Hrvatski zavod za zapošljavanje - Područna služba Rijeka
11:15 – 11:30	Pauza za kavu
11:30 – 12:00	Konferencija za tisak i elektroničke medije
12:00 – 12:30	Plenarno zasjedanje III
Prezentacija usluga i dosadašnjih rezultata suradnje sa gospodarstvom	Izv. prof. dr. sc. Mladen Perinić, voditelj CTC – Centar za suradnju i edukaciju, Tehnički fakultet Rijeka
12:30 – 13:00	Diskusija – Prijedlozi i razmatranje liste specijaliziranih obuka
13:00 – 14:30	Ručak
14:30	Završetak seminara



TEMPUS Projekti se financiraju od strane EU

Agenda of the motivational seminar "Join & Benefit", 16th February 2010, Rijeka

Picture of the motivational seminar opening session



European Commission
TEMPUS

Outcomes 6.4. - continued

Organize motivational seminar

- The goal of motivational seminar was introduce environment with the aims of the project, the results achieved in the first year, and future activities that are expected full contribution to academic, regional and local institutions and business entities.
- The results achieved with TSNA analysis were presented.
- At the end of the motivational seminar is open to discussion in which participants proposed a list of specialized trainings, which will be discussed and agreed upon in the coming period, in order to access the development of modules for trainings and education, according to the needs of enterprises and labor market.
- The general conclusion of the all participants on this motivational seminar that an open process of cooperation should continue on specific tasks.
- News about the motivational seminar „**Join and Benefit**“ was released on 1 local radio (www.primorski.hr), 1 local television [RiTV](http://www.tvpgk.com) (www.tvpgk.com) and 2 national newspapers [Novi List](http://www.novilist.hr) (www.novilist.hr) and [Vjesnik](http://www.vjesnik.hr) (www.vjesnik.hr).

SEMINAR U Rijeci održan motivacijski seminar »Prikluči se i profitiraj«

Intenzivnija suradnja sveučilišta i gospodarstva

■ Seminar je dio projekta Tempus IV koji financira Europska komisija sa 673.370 eura

RJEKA - »Prikluči se i profitiraj« naziv je motivacijskog seminara koji se ovih dana održavao na Tehničkom fakultetu Sveučilišta u Rijeci i na kojem su se okupili predstavnici akademske zajednice, poslovni subjekti, regionalne i lokalne institucije. Cilj seminara bio je otvoriti mogućnost intenzivnije suradnje Sveučilišta i gospodarstva. Seminar je dio projekta Tempus IV koji od 2009. do 2012. godine financira Europska komisija sa 673.370 eura.

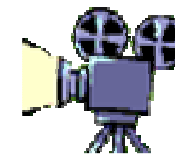
Projektni konzorcij sastoji se od institucija visokog obrazovanja, a voditeljica je prof. dr. sc. Vesna Mandić (Mašinski fakultet u Kragujevcu). Konzorcij čine sveučilišta u Rijeci, Banjoj Luci, Crnoj Gori, Ljubljani i Padova, u suradnji s priznatim istraživačkim institucijama IPU-Institut za proizvodno inženjerstvo Lyngby (Danska) i CGM iz Ljubljane. Značajnu potporu pruža im i in-



struktura vlastiti umutar regije WBC (zemlje zapadnog Balkana). U prvoj fazi cilj tog projekta bio je formiranje i opremanje materijalnim (hardverskom i softverskom opremom) i ljudskim resursima (educiranim predavačima i pružateljima usluga) četiri centra za suradnju i edukaciju (CTC), od čega jedan je već formiran na Tehničkom fakultetu u Rijeci. Važan cilj koji se želi postići projektom je i analiza potreba za obukama i uslugama, a u cilju dobivanja novih znanja i kompetencija u području razvoja proizvoda i proizvodnih procesa. Također, tim istraživanjem utvrđene su potrebe tržišta rada za strukovnim usavršavanjima čiji je cilj utvrditi raskorak između dobivenih znanja i vještina nasuprot potrebama za novim kompetencijama, posebice u malim i srednjim poduzećima. [Lj. Mamić Panđa]

»Mreža korisnika virtualne proizvodnje – poljupa integraciji trokuta znanja« naglasili su kako je tim projektom predviđeno uspostavljanje efikasnijih mehanizama i struktura u okviru trokuta znanja koji čine obrazovanje, istraživanje i inovacije u području virtualnog razvoja proizvoda i procesa, a s ciljem poboljšanja suradnje institucija visokog obrazovanja, poduzeća, istraživačkih i inovacijskih centara te lokalnih i regionalnih

Article in national newspaper “Vjesnik” about motivational seminar “Join & Benefit”



Video clip on local television RiTV about motivational seminar “Join & Benefit”

❖ Conclusions

✓ in looking backward our opinions the all defined activities according workplan is more and less finished successfully,

- one of indicators is unofficial good review of NTO field monitoring of the project results

✓ following soon activities are:

- Info days organization in May Rijeka & Zagreb, and collecting all feedback opinions (during public debate) about Publication.
- finishing process of buying software's (we hope in May), and
- training activities.

**THANK YOU
FOR YOUR ATTENTION
AND PATIENCE**