

**EU PPF**  
PODRŠKA EU U PRIPREMI PROJEKATA  
Perspektiva Srbije za održivi razvoj

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REPUBLIKA SRBIJA  
MINISTARSTVO ZA EVROPSKE INTEGRACIJE  
MINISTARSTVO FINANSIJA  
Sektor za ugovaranje i finansiranje programa  
iz sredstava Evropske unije



Projekat finansira  
Evropska unija



# Sistem upravljanja IT projektom u praksi



**EU PPF**  
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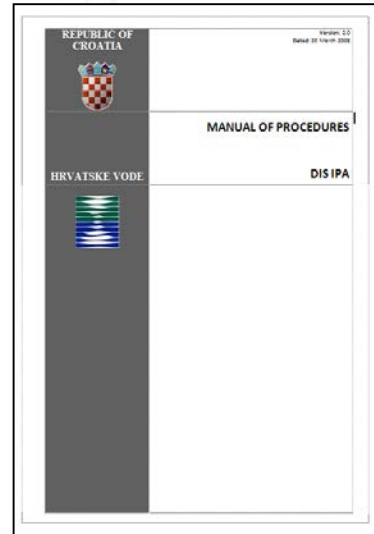


Projekat finansira  
Evropska unija

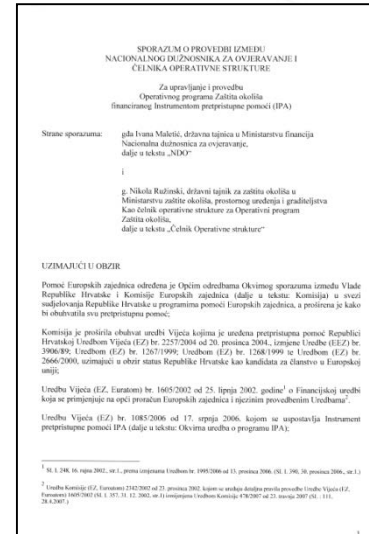
# ZAŠTO?



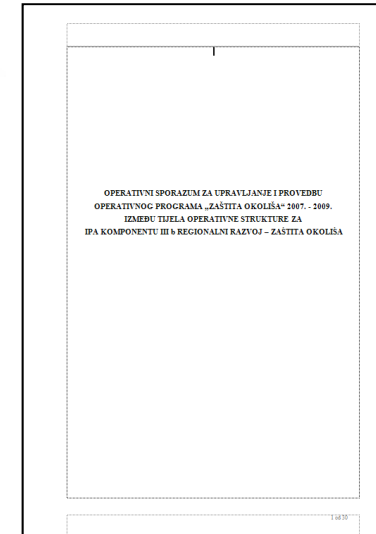
Evropska  
Komisija (EC)



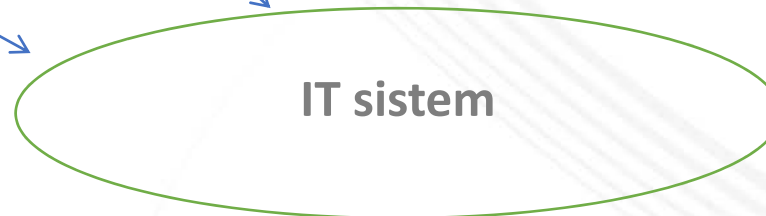
Priručnik o  
procedurama  
(MoP)



Ugovori



Operativni  
ugovori



# Osnovni zahtevi

- Integrirani sistem za upravljanje EU projektom u preduzeću “Hrvatske vode”
- Sistem izveštavanja i informisanja na operativnom (OP) nivou
- Mogućnost proširenja na druge programe
- Kompatibilnost sa sistemom upravljanja informacijama (MIS)
- Baziran na web-u
- Integrisanje softvera *Primavera* i *SharePoint* u zajedničko programsko rešenje, uzimajući u obzir njihove specifičnosti i karakteristike

# Sharepoint sistem upravljanja

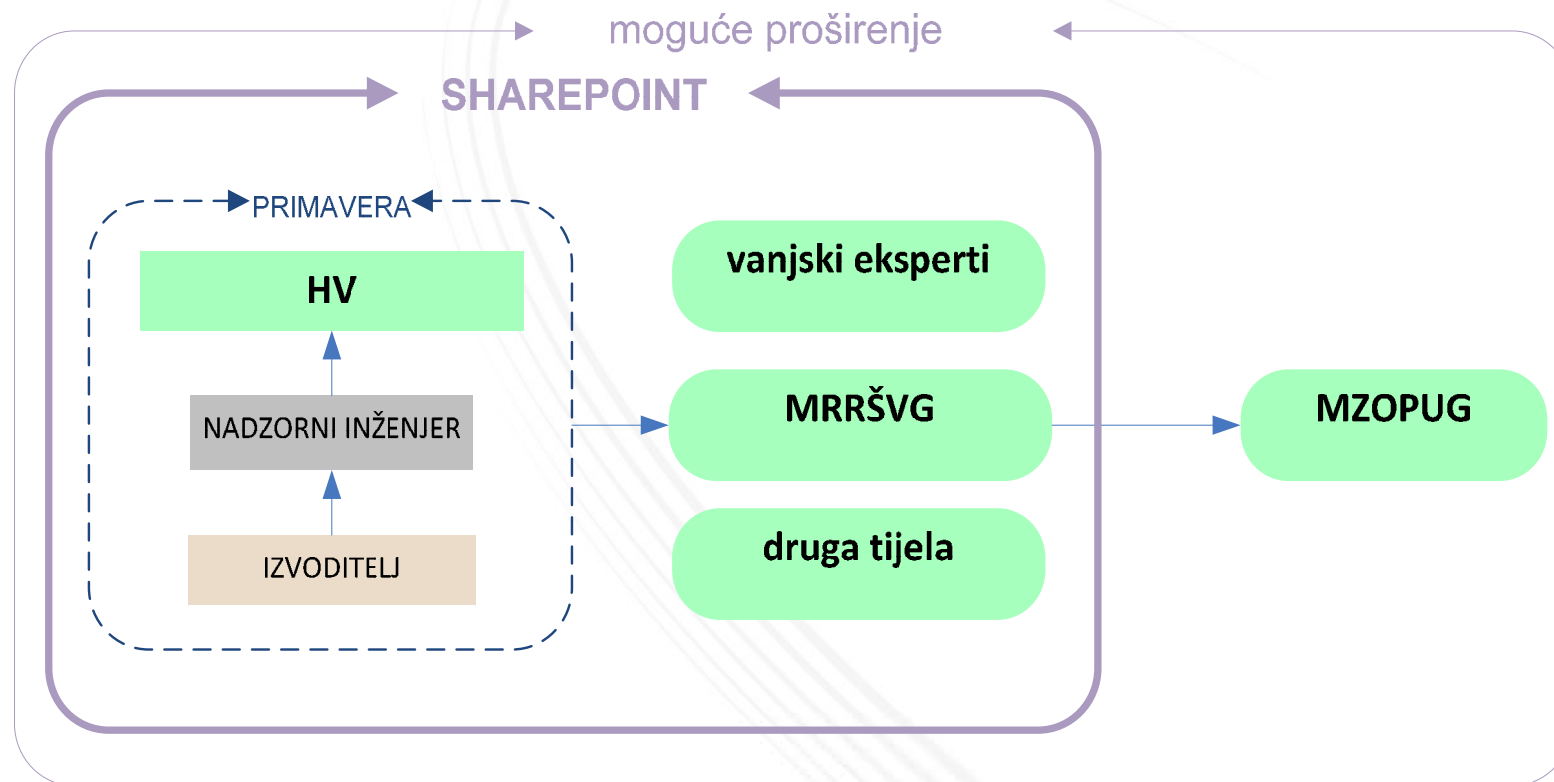
- Centralizovano skladištenje podataka
- Centralizovano *backup* rešenje
- Mogućnost rada više korisnika na dokumentu
- Podrška u određivanju verzije dokumenta
- Atributizacija dokumenata
- Grupisanje, sortiranje, filtriranje i traženje
- Tokovi procesa procedura
- Automatizovanje procesa stvaranja i ažuriranja MoP-a
- Upotreba posebnih obrazaca MoP-a



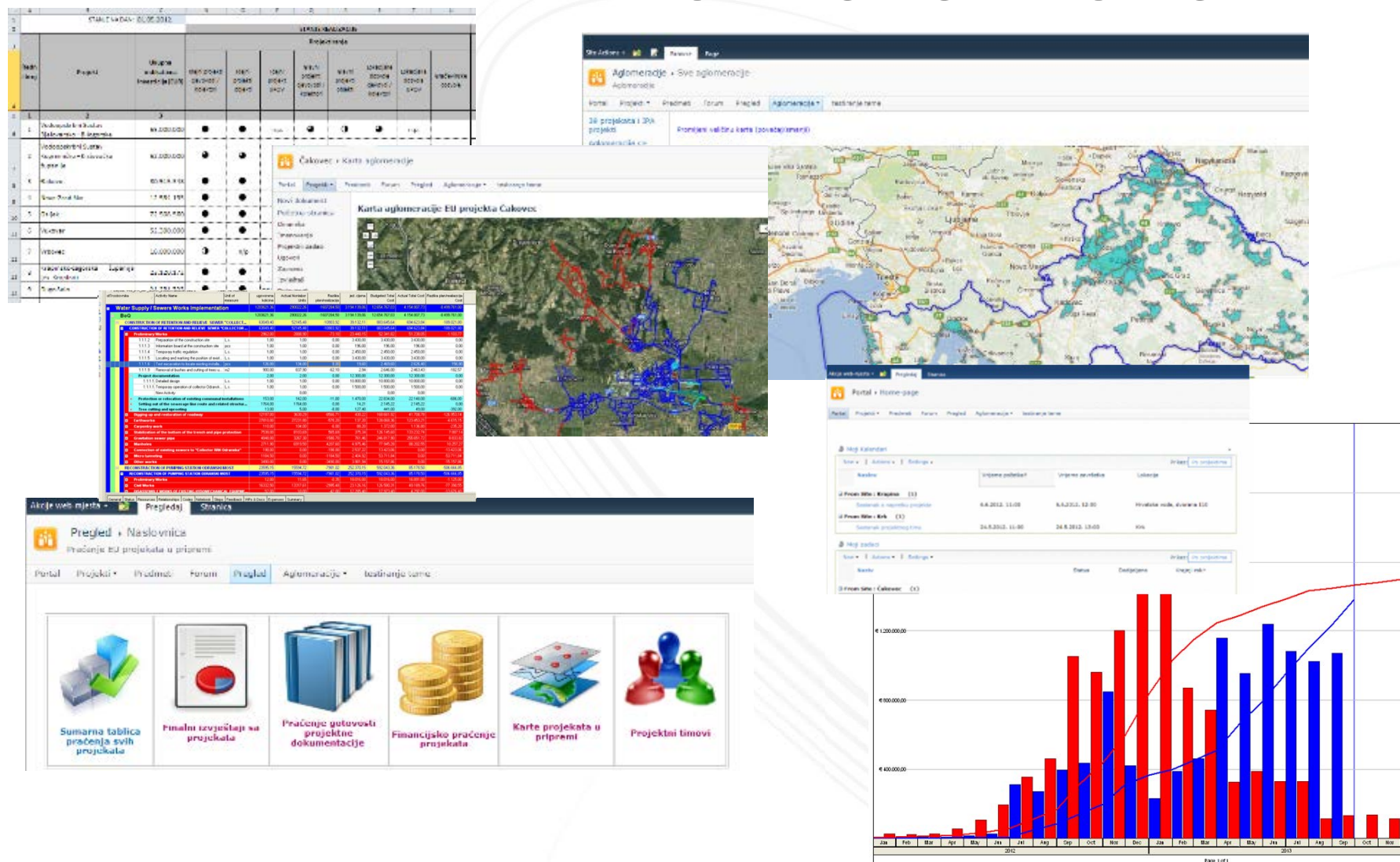
# Oracle Primavera

- Aktivnosti vezane za planiranje svakog projekta
- Aktivnosti vezane za praćenje svakog projekta
- Pravljenje i ažuriranje plana nabavke
- Izdavanje međuprocene komunikacije (IPC) po obrascu sačinjenom u MS Excel-u na mesečnom nivou
- Integrisanje toka procesa sa SharePoint-om
- Praćenje n+3 pravila
- Izveštavanje na nivou portfolia
- Ključni indikator učinka (KPI) na nivou portfolia

# Modularni pristup



# Konačan rezultat – Sistem upravljanja IT projektom





# Lična početna stranica

File Edit View Favorites Tools Help

Akcije web-mjesta Pregledaj Stranica

VODA\rkartelo

Portal Home-page

Portal Projekti Predmeti Forum Pregled Aglomeracije testiranje teme

Pretraživanje ovog web-mjesta...

### Moji Kalendari

New Actions Settings Prikaz: Po projektima

Naslov	Vrijeme početka	Vrijeme završetka	Lokacija
<b>From Site : Križevci (1)</b>			
Sastanak o napretku projekta Križevci	4.9.2012. 9:00	4.9.2012. 11:00	dvorana 110

### Moji zadaci

New Actions Settings Prikaz: Po projektima

Naziv	Status	Dodijeljeno	Krajnji rok
<b>From Site : Čakovec (1)</b>			
Analiza predstavljenih varijanti rješenja aglomeracije	In Progress		31.1.2011.
<b>From Site : Križevci (1)</b>			
izrada tablica imovinsko pravnih odnosa	Not Started		28.2.2011.

### Moje Obavijesti

New Actions Settings Prikaz: Po projektima

Naslov	Istječe	Izmijenio	Modified	Created	Attachments
<b>From Site : Čakovec (3)</b>					
Četvrti sasatak projektnog tima	7.3.2011.		1.3.2011. 9:24	1.3.2011. 9:24	
Poslane obavijesti za 3. sastanak projektnog tima i projekatana	3.2.2011.		26.1.2011. 12:40	26.1.2011. 12:40	
Definiranje konačne aglomeracije			25.1.2011. 12:10	25.1.2011. 12:09	
<b>From Site : Osijek (1)</b>					
projektni zadatak revizija studije izvodljivosti i aplikacije OSIDEK	29.4.2011.		22.4.2011. 10:12	22.4.2011. 10:11	
<b>From Site : Portal (2)</b>					
Obavijest o sustavu praćenja EU projekata	2.2.2011.	VODA\jmarkovic	28.1.2011. 9:25	28.1.2011. 9:25	
Edukacija o korištenju sp		VODA\jmarkovic	19.10.2010. 17:30	19.10.2010. 17:30	
<b>From Site : RVS Posavina (2)</b>					
Moslavačka Posavina - 9 HITAN sastanak Projektnog tima	1.4.2011.		28.3.2011. 9:59	28.3.2011. 9:59	
8. sastanak Projektnog tima dana 07.03.2011. u 10:00	7.3.2011.		28.2.2011. 14:08	28.2.2011. 14:08	
<b>From Site : Vukovar (1)</b>					
projektni zadatak, revizija studije izvodljivosti Vukovar	29.4.2011.		22.4.2011. 10:14	22.4.2011. 10:14	

Projekti

100%

# Osnovne informacije o projektu

The screenshot shows a web browser window with the URL [http://sp2010/aglomeracije/SitePages/web\\_karta.aspx](http://sp2010/aglomeracije/SitePages/web_karta.aspx). The page title is 'Aglomeracije - web\_karta'. The navigation bar includes 'Portal', 'Projekti', 'Predmeti', 'Forum', 'Pregled', 'Aglomeracije', and 'testiranje teme'. A sidebar on the left lists '39 projekata i IPA projekti', 'Aglomeracije CF projekti', and 'Sve aglomeracije'. The main content area displays a map of Central Europe, including Austria, Slovenia, Hungary, and Bosnia and Herzegovina. A pop-up window titled 'Opis projekta' provides details for the 'Čakovec' project:

Opis projekta	
Naziv:	Čakovec
Opis:	Zaštita vodnih resursa na području Čakovca kroz poboljšanje sustava odvodnje te integriranog sustav upravljanja otpadnim vodama
Trajanje:	2013 – 2018
Područje:	Grad Čakovec
Vrijednost:	EUR 37,702,000
Krajnji korisnik:	Međimurske vode d.o.o.
Provedbeno tijelo:	Hrvatske vode
Projektni partneri:	MZOP / MP / Grad Čakovec

Below the map, there is a blue box with the text 'Jedinica za pripremu i provedbu projekata sufinanciranih sredstvima EU' and a dropdown menu for 'Vrsta projekta' set to '--Svi projekti--'. The map also shows various cities and geographical features in the region.



# Izgled projekta na mapi

Site Actions Browse Page

Čakovec ▶ Karta aglomeracije

Portal Projekti Predmeti Forum Pregled Aglomeracije testiranje teme

Novi dokument  
Početna stranica  
Dinamika  
Imenovanja  
Projektni zadaci  
Ugovori  
Zapisnici  
Izveštaji  
Dokumenti  
Dozvole  
Imovinski

Karta aglomeracije  
Zadaci  
Predmeti  
Stanje projekta  
Dinamički plan

Financije  
Praćenje projekta

### Karta aglomeracije EU projekta Čakovec

Prikaz veće karte



# Upravljanje dokumentima

File Edit View Favorites Tools Help

Site Actions Browse Library Tools Documents Library

Čakovec ▶ Dokumenti ▶ 07 Dokumenti ▶ All Documents ▼

Portal Projekti Predmeti Forum Pregled Aglomeracije testiranje teme

Novi dokument Početna stranica Dinamika Imenovanja Projektni zadaci Ugovori Zapisnici Izveštaji Dokumenti Dozvole Imovinski

Type	Name	Modified	Izmijenio
Folder	Čakovec-Application-06092012	6.9.2012. 15:54	Desana Štambuk
Folder	Čakovec UPOV_Idejni projekt 14.3.2012	6.4.2012. 10:52	VODA\pperos
Folder	FEASIBILITY STUDY 29.06.2012	6.7.2012. 9:56	VODA\pperos
Folder	FS Radna 12.3.2012	12.3.2012. 11:28	VODA\pperos
Folder	Konceptijsko rješenje sustava odvodnje Čakovec	6.5.2011. 16:34	VODA\pperos
Folder	Konceptijsko rješenje uređaja	12.7.2011. 14:18	VODA\pperos
Folder	STUDIJA IZVEDIVOSTI 06.04.2012	6.4.2012. 11:36	VODA\pperos
Folder	STUDIJA IZVEDIVOSTI 1.2.2012	1.2.2012. 11:44	Desana Štambuk
Folder	STUDIJA IZVODLJIVOSTI 7_9_2011	7.9.2011. 17:10	VODA\pperos
Folder	SUO	6.9.2011. 10:33	VODA\pperos

+ Add document

Karta aglomeracije Zadaci Predmeti Stanje projekta Dinamički plan

Financije Praćenje projekta



# Analiza obima posla

Primavera : WP09-12 (Work Plan 2009 - 2012)

File Edit View Project Enterprise Tools Admin Help

Projects

Resources

Reports

Tracking

WBS

Activities

Assignments

WPs & Docs

Expenses

Thresholds

Issues

Risks

Layout: IPA resource role\_01

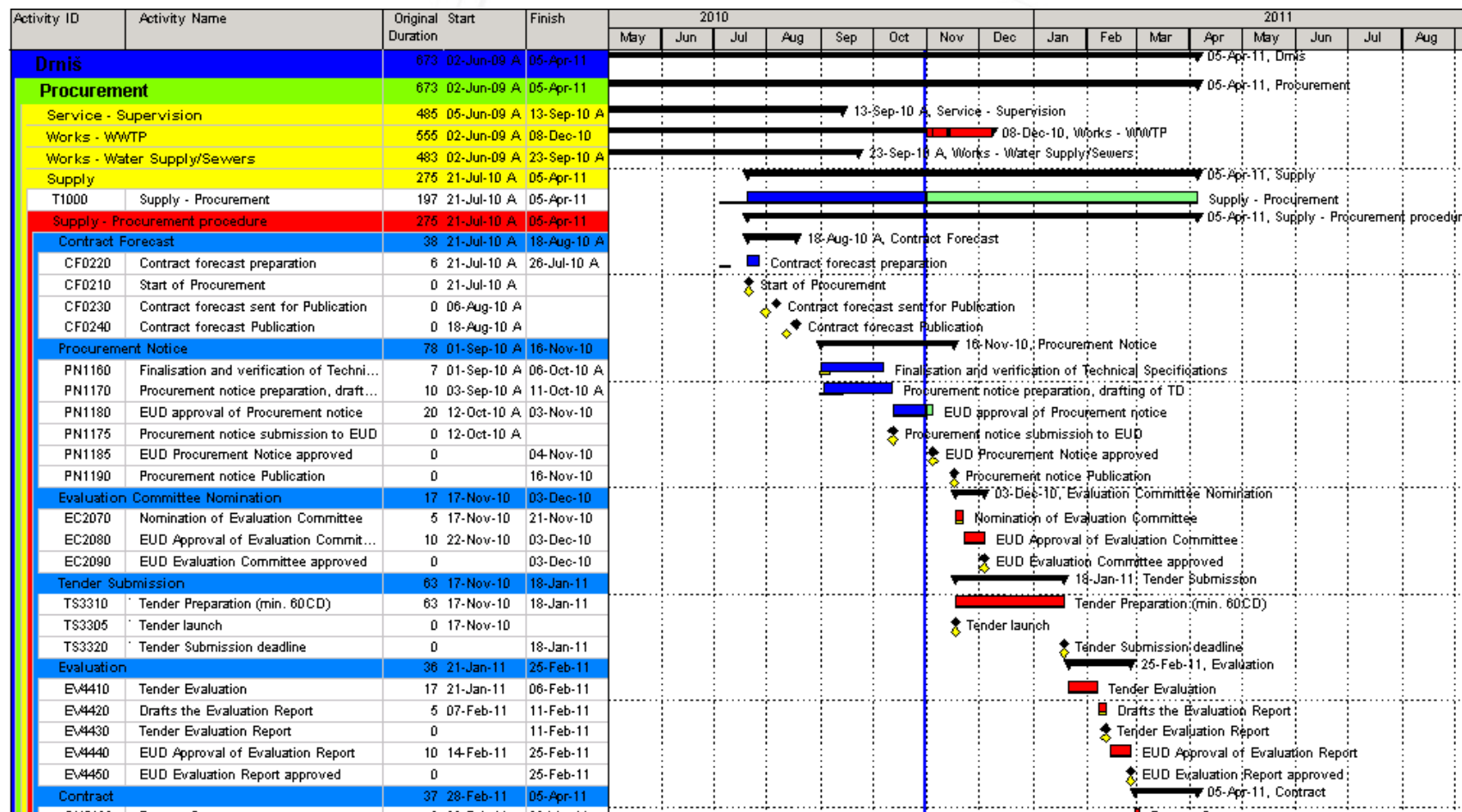
Activity Name	Start	Finish	Budgeted Units
<b>Work Plan 2009 - 2012</b>	01-Jan-09	01-Jan-13	14850.0
Role: HoB Head of Implementing Body	01-Jan-09	01-Jan-13	465.6
Role: HoU Head of Unit	01-Jan-09	31-Dec-12	1235.0
Role: HoF Head of Finance	01-Jan-09	01-Jan-13	529.9
Role: HoST Head of Section Tendering	01-Jan-09	31-Dec-12	1477.0
Role: HoSC Head of Section Contracting	01-Jan-09	31-Dec-12	728.0
Role: PS Procurement Specialist	01-Jan-09	01-Jan-13	4812.5
Role: CS Contracting Specialist	01-Jan-09	31-Dec-12	819.0
Role: FS1 Financial Specialist 1	01-Jan-09	31-Dec-12	713.0
Role: FS2 Financial Specialist 2	01-Jan-09	31-Dec-12	469.0
Role: AS1 Accounting Specialist 1	01-Jan-09	01-Jan-13	459.5
Role: AS2 Accounting Specialist 2	01-Jan-09	01-Jan-13	459.5
Role: PO Publicity Officer	01-Jan-09	31-Dec-12	379.0
Role: IO Irregularity Officer	01-Jan-09	31-Dec-12	315.0
Role: AD Administrator	01-Jan-09	01-Jan-13	1078.0
Role: ITC IT coordinator	01-Jan-09	31-Dec-12	260.0
Role: ITA IT administrator	01-Jan-09	31-Dec-12	331.0
Role: RM Risk Manager	01-Jan-09	31-Dec-12	319.0

Display

2009												
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
211.1	224.9	316.1	289.7	272.2	260.1	265.2	284.0	329.6	305.8	322.1	357.1	395.7
7.3	7.0	9.6	8.9	9.5	8.2	8.3	8.1	10.5	8.7	9.1	9.9	11.9
19.7	22.6	32.9	28.8	23.5	22.7	23.5	24.0	27.2	25.5	24.9	26.6	32.6
9.4	8.5	10.3	10.3	11.6	10.5	10.8	9.8	12.2	10.4	10.7	11.7	12.7
30.0	35.8	49.8	43.0	35.2	34.8	34.9	34.9	38.6	36.9	35.0	37.9	42.3
6.9	6.3	9.9	9.9	13.0	12.0	12.3	22.8	27.4	25.7	26.6	29.2	35.0
56.7	68.6	101.9	88.8	68.6	69.5	69.9	64.6	69.6	68.7	77.8	90.7	99.9
7.4	6.7	10.4	10.4	11.7	10.6	10.9	28.4	34.3	32.7	35.3	38.6	47.4
10.5	9.9	14.2	14.0	14.9	13.8	14.1	12.9	15.4	13.8	16.3	18.0	18.8
6.3	5.8	7.3	7.3	8.8	7.5	7.7	7.0	9.2	7.6	10.6	11.6	9.6
9.0	8.2	9.5	9.5	10.9	9.7	10.0	9.1	11.4	9.6	9.5	10.4	9.0
9.0	8.2	9.5	9.5	10.9	9.7	10.0	9.1	11.4	9.6	9.5	10.4	9.0
5.4	4.9	6.4	6.4	9.6	8.4	8.6	7.9	10.2	8.4	8.0	8.7	8.0
6.4	5.8	7.4	7.4	8.9	7.6	7.7	7.1	9.3	7.5	7.1	7.7	7.1
10.3	11.4	17.0	15.7	14.2	13.1	13.7	17.4	20.8	19.3	22.1	24.2	29.6
4.9	4.4	5.9	5.9	5.6	5.9	6.1	5.6	5.9	5.9	5.6	6.1	7.1
6.4	5.8	7.4	7.4	7.0	7.4	7.7	7.0	7.4	7.4	7.0	7.7	8.6
5.5	5.0	6.5	6.5	8.2	8.7	9.1	8.3	8.7	8.1	7.0	7.6	7.0



# Plan nabavke



# Integrisanje zadatka

IPA Portal

Welcome Robert Kartelo | My Site | My Links |

PROCUREMENT

IPA Portal Archive Manual Document Center Procurement Finance Chapters Projects Applications Calendar Search W A Site Actions

View All Site Content

IPA Portal > Procurement

PROCUREMENT PLAN

- Procurement Plan
- Supporting Files
- Tendering documents

LISTS

DISCUSSIONS

SITES

PEOPLE AND GROUPS

Recycle Bin

FOLLOWING ACTIVITIES IN NEXT DAYS

Open Update Find View: PivotTable4

(Multiple Items) 2 3 4 5 6 7 8-4

Project Name	IPA Procurement Code	Task Name	PL Start	Act Start	PL End	Act End	ACT-PL
Drniš	128842/D/SER/HR	Meeting of shortlist panel	14-01-10	14-01-10	14-01-10	14-01-10	3
Drniš	128842/D/SER/HR	ECD Short list approval	15-01-10	15-01-10	15-01-10	15-01-10	4
Drniš	128842/D/SER/HR	ECD Short list approved	21-01-10	21-01-10	21-01-10	21-01-10	0
Drniš	128842/D/SER/HR	Service Contract Shortlist Notice	21-01-10	21-01-10	21-01-10	21-01-10	2
Drniš	128842/D/SER/HR	Tender launch	28-01-10	28-01-10	28-01-10	28-01-10	7
		Tender Preparation (min. 50CD)	28-01-10	28-01-10	28-01-10	28-01-10	7
Slavonski Brod	128553/D/WKS/HR	Nomination of Evaluation Committee	31-01-10	31-01-10	31-01-10	31-01-10	-4
		Tender Evaluation	31-01-10	31-01-10	31-01-10	31-01-10	-36
		Tender Submission deadline	31-01-10	31-01-10	31-01-10	31-01-10	-36
Drniš	128848/M/WKS/HR	Procurement notice Publication	01-02-10	01-02-10	01-02-10	01-02-10	0
Drniš	128848/M/WKS/HR	Nomination of Evaluation Committee	04-02-10	04-02-10	04-02-10	04-02-10	-15
		Tender launch	04-02-10	04-02-10	04-02-10	04-02-10	2
		Tender Preparation (min. 60CD)	04-02-10	04-02-10	04-02-10	04-02-10	2
Slavonski Brod	128554/D/SER/HR	EUD Short list approved	18-02-10	18-02-10	18-02-10	18-02-10	-17
Drniš	128847/M/WKS/HR	Procurement notice Publication	22-02-10	22-02-10	22-02-10	22-02-10	0

Procurement Plan

Procurement Plan Summary

Contracting Statistics

Explanation Table

Follow Up

PRAG 2008

EUROPEAID

EuropeAid

Ted

# Upravljanje rizikom

IPA Portal

Welcome Robert Kartelo | My Site | My Links | ?

All Sites Advanced Search

## D - RISK MANAGEMENT

IPA Portal Archive Manual Document Center Procurement Finance Chapters Projects Applications Calendar Search W A Site Actions

View All Site Content

### DOCUMENTS

- > Risk Alert Forms
- > Risk Register
- Recycle Bin

IPA Portal > Chapters > D - Risk Management

#### RISK ALERT FORMS

New Upload Actions Settings

Type	Name	Modified By
Approval Status : Approved (7)		
Archive		Robert Kartelo
D-02 Risk Alert Form AJTI		Robert Kartelo
D-02 Risk Alert Form SZ1		Robert Kartelo
D-02 Risk Alert Form SZ		Robert Kartelo
D-02 Risk Alert Form Mojca		Robert Kartelo
D-02 Risk Alert Form Jelena		Robert Kartelo
D-02 Risk Alert Form Bero		Robert Kartelo
Approval Status : Pending (3)		
D-02 Risk Alert Form 01		Robert Kartelo
D-02 Risk Alert Form 02		Robert Kartelo
D-02 Risk Alert Form 03		Robert Kartelo

#### RISK REGISTER

New Upload Actions Settings

Type	Name	Modified By
02 RMP 28 August 2008		Petar Peroš
01 RMP 26 November 2007		Petar Peroš
07 RMP 07 December 2010		Petar Peroš
Strategija upravljanja rizicima		Petar Peroš
06 RMP 06 July 2010		Petar Peroš
05 RMP 14 December 2009		Petar Peroš
03 RMP 11 December 2008		Robert Kartelo
04 RMP 18 June 2009		Robert Kartelo
Archive		Robert Kartelo
D-03 Risk Register HV		Robert Kartelo

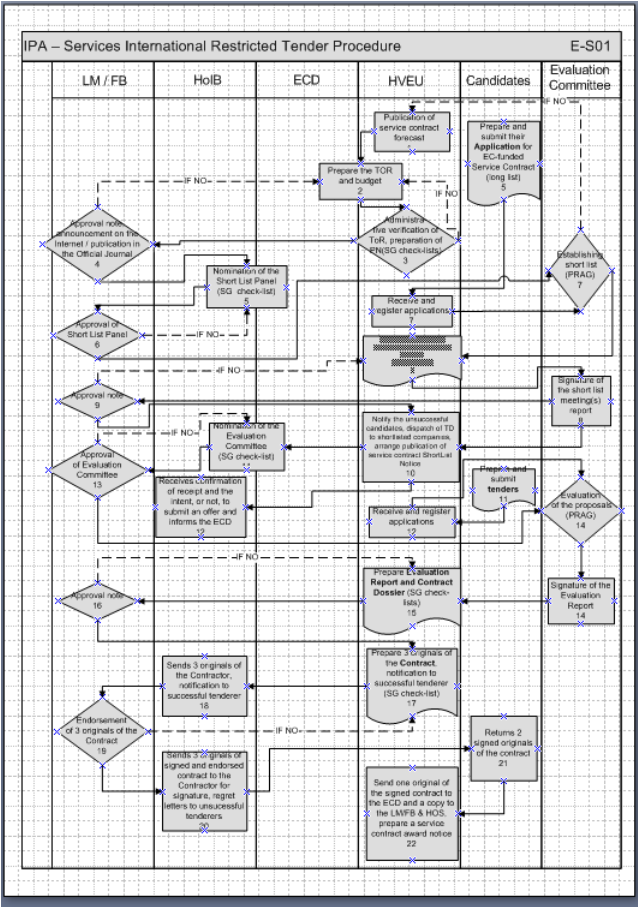
Risk Register

#### MY RISK MANAGEMENT TASKS

There are no tasks to show in this view



# Upravljanje procesom rada

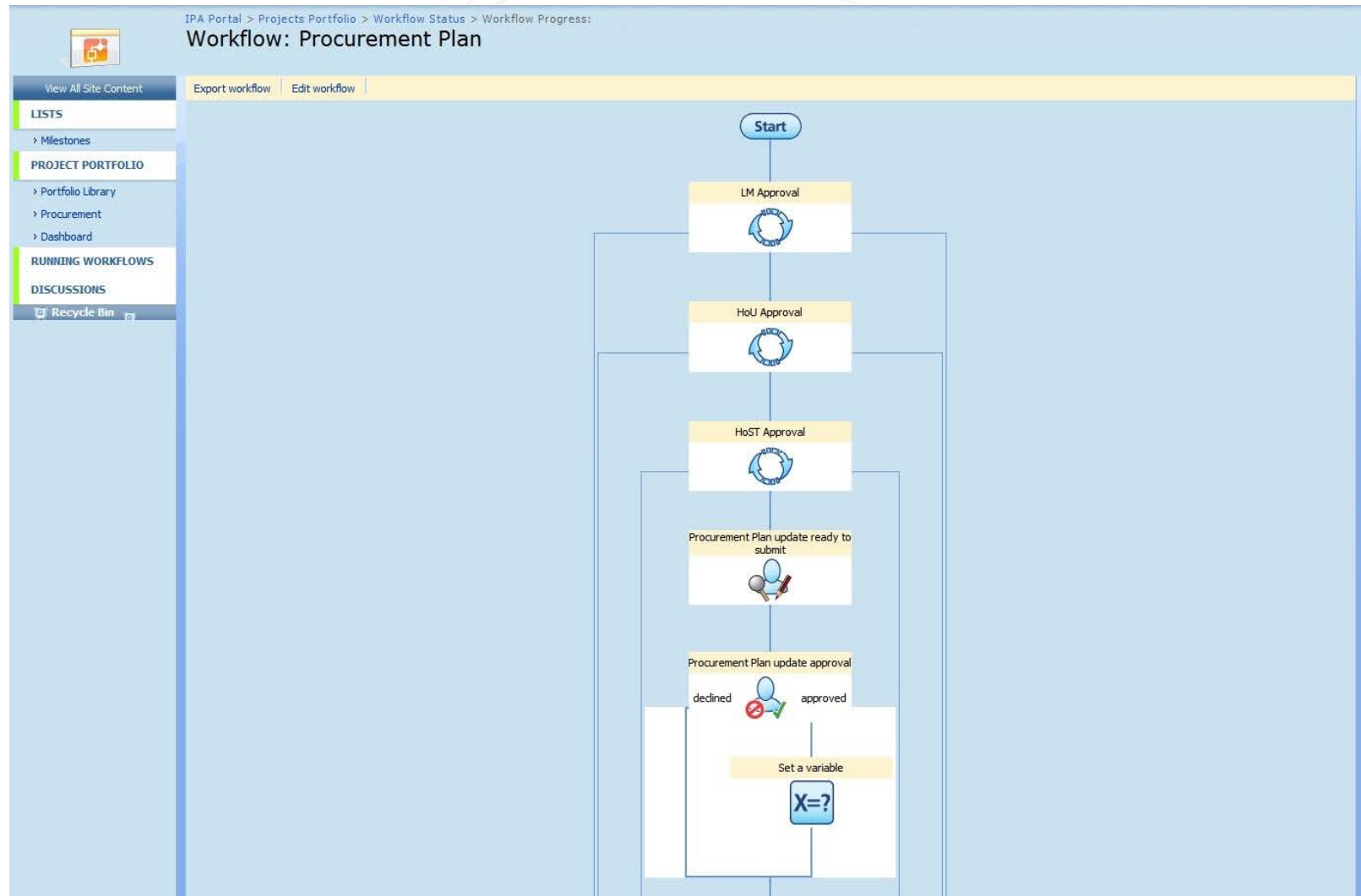


Proces rada – tender

HV		IPA SG	WORKFLOW	F-04
PROGRESS REPORT				
Management of IPA under DIS		Version 2.0	Date : 20 March 2008	Page 1/2
No	Action	Responsible	Indicative Deadline	Annex
1.	PROGRESS REPORT FROM HVEU TO BPM			
2.	- Receive Progress Report from FB/Engineer - Transmit to HoU	Administrator	Quarterly - 5 <sup>th</sup> WD after reporting cut-off date	
3.	- Review of the FB Progress report and preparation of HVEU Progress Report to BPM	PM	On date of receipt	
4.	- Prepare a Progress Report using template - Formalise controls on Check-list - Transmit to HoST the report + check list	PM	2 WD	IPA SG F-05 IPA – Progress Report from HVEU to BPM IPA SG F-06 Check-list Control of Progress Report
5.	- Review the Report and formalise controls on check-list - If not agreed, discuss the problem areas and take the relevant actions - If agreed transmit to HoF	HoST	2 WD	
6.	- Get acquainted with the documents received - Assign a FS to the review of the "IPA Progress Report" - In addition, for Progress reports submitted with a cut-off date as of : January 31 <sup>st</sup> , May 31 <sup>st</sup> , and September 30 <sup>th</sup> of each year, apply procedure IPA OP G04 - Interim Certificate HoB to NAO	HoF	Upon receipt	
7.	- Cross-check financial information with the HVEU accounting data - Perform controls as assigned in the check-list and formalise controls on the check-list - If any problem is encountered, discuss with the HoF any further action required	FS	Upon receipt	
8.	- Check financial information in the report and formalise controls on check-list - Signs on the cover page of the Financial Report - Transmit to HoU	HoF	Upon receipt	
9.	- Review the controls performed and	HoU	Upon	

Izveštaj o odgovornostima

# Upravljanje procesom rada



### Proses planiranja/pračenja IPA projekata





# Automatizacija IPC-a



- Pojednostavljene procedure koje koriste samo obrasce sačinjene u MS Excel-u
- Svi vlasnici (izvođači, nadzorni organi, korisnici) koji su uključeni u sistem upravljanja projektom čak i bez direktne veze sa Primaveraom.
- Automatizovan proces koji koristi pojednostavljene komunikacije (namenska e-mail adresa + proces rada).

# Obrazac IPC-a

	G	H	K	L	O	P	Q	R	S	W	Y	AD	AE	AF	AG
1	PREZ05														
2	Contract 1														
3	SIT00004														
4	01.03.09.														
5	31.03.09.														
6	HVODE														
7	PREZ05.4.1														
8	REKAPITULACIJA IZVRŠENIH RADOVA														
9															
10															
11	PREGLED IZVRŠENIH POJEDINAČNIH RADOVA PO STAVKAMA TROŠKOVNIKA														
14	Pozicija	Vrsta i naziv radova	jed. mj.	jed. Cijena	količina	količina	Ova	Količina	Ugovoreno	Realizacija po	Realizacija	Stvarni	Stvarni	Planirani	Planirani
					situirana	situacija	kumulativn	o	(bez PDV-a)	ovoj situaciji	kumulativno	početak	kraj	početak	kraj
18	PREZ05.4.1	Contract 1							1.084.738,00 kn	0,00 kn	172.971,00 kn				
19	PREZ05.4.1.4	Troškovnik							1.084.738,00 kn	0,00 kn	172.971,00 kn				
20	PREZ05.4.1.4.1	PRIPREMNI RADOVI							34.360,00 kn	0,00 kn	32.960,00 kn				
21	PREZ05.4.1.4.1.1	Uređenje gradilišta							5.000,00 kn	0,00 kn	5.000,00 kn				
22		Dovoz, postavljanje u pogonsko stanje, demontiranje i odvoz svih uređaja, postrojenja, pribora, građevinskih	pauš	5.000,00 kn	1,00	1,00	0,00	1,00	5.000,00 kn	0,00 kn	5.000,00 kn	3.3.2009		28.2.2009	28.10.2009
23	PREZ05.4.1.4.1.2	Ploča s podacima o gradilištu							4.000,00 kn	0,00 kn	4.000,00 kn				
24		Dobava i ugradba ploče kojom će se označiti gradilište.	kom	2.000,00 kn	2,00	2,00	0,00	2,00	4.000,00 kn	0,00 kn	4.000,00 kn	1.1.2009		1.1.2009	31.8.2009
25	PREZ05.4.1.4.1.3	Osiguranje prometa							15.000,00 kn	0,00 kn	15.000,00 kn				
26		Privremena regulacija prometa na prometnicama na kojima se provode radovi izgradnje kanalizacije.	pauš	15.000,00 kn	1,00	1,00	0,00	1,00	15.000,00 kn	0,00 kn	15.000,00 kn	1.1.2009		1.1.2009	31.8.2009
27	PREZ05.4.1.4.1.4	Iskolčenje trase							2.960,00 kn	0,00 kn	2.960,00 kn				
28		Detaljno iskolčenje trase cjevovoda s označavanjem svih vertikalnih i horizontalnih lomova trase, revizijskih	m	2,00 kn	1480,00	1480,00	0,00	1480,00	2.960,00 kn	0,00 kn	2.960,00 kn	1.1.2009	15.3.2009	1.1.2009	1.9.2009
29	4.1.4.1														

# Međuprocesne komunikacije (IPC-ei)

Layout: IPA prezentacija po ugovorima			Display									
Activity Name			Actual Cost	Budgeted Cost	Cost	2	2009					
							Jan	Feb	Mar	Apr	May	Jun
Total			170.896,00	1.084.738,00	Planned		4.171,72	16.011,18	98.520,27	126.162,61	130.368,03	126.162,61
					Actual		18.000,00	61.575,00	91.321,00			
Contract			0,00	1.084.738,00	Planned		4.171,72	16.011,18	98.520,27	126.162,61	130.368,03	126.162,61
					Actual							
IPA			0,00	1.084.738,00	Planned		4.171,72	16.011,18	98.520,27	126.162,61	130.368,03	126.162,61
					Actual							
IPC00001			18.000,00	0,00	Planned							
					Actual		18.000,00					
IPC00002			61.575,00	0,00	Planned							
					Actual			61.575,00				
IPC00003			91.321,00	0,00	Planned							
					Actual				91.321,00			



# Stavke predmera i predračuna za svaki mesec

Layout: IPA Prezentacija_4		Filter: All Activities				
Activity ID	Activity Name	Budgeted	Actual Total	Start	Finish	2008
Display: Activity Resource Assignments						Display: Op
Activity Name	Budgeted Cost	Actual Cost	Start	Finish	Actual Cost	
EPS: IPA IPA	1.084.738,00	170.896,00	01.01.09 A	31.12.09		
EPS: Prezentacija Prezentacija	1.084.738,00	170.896,00	01.01.09 A	31.12.09		
Project: PREZ05 PREZ05	1.084.738,00	170.896,00	01.01.09 A	31.12.09		
WBS: PREZ05.4 Implementation	1.084.738,00	170.896,00	01.01.09 A	31.12.09		
WBS: PREZ05.4.1 Contract 1	1.084.738,00	170.896,00	01.01.09 A	31.12.09		
WBS: PREZ05.4.1.4 Troškovnik	1.084.738,00	170.896,00	01.01.09 A	31.12.09		
WBS: PREZ05.4.1.4.1 PRIPREMNI RADOVI	34.360,00	30.360,00	01.01.09 A	29.11.09		
WBS: PREZ05.4.1.4.1.1 Uređenje gradilišta	5.000,00	5.000,00	03.03.09 A	28.11.09		
Activity Name: A1010 Dovoz, postavljanje u pogonsko stanje, demont	5.000,00	5.000,00	03.03.09 A	28.11.09		
WBS: PREZ05.4.1.4.1.2 Ploča s podacima o gradilištu	4.000,00	4.000,00	01.01.09 A	28.11.09		
Activity Name: A1020 Dobava i ugradba ploče kojom će se označiti g	4.000,00	4.000,00	01.01.09 A	28.11.09		

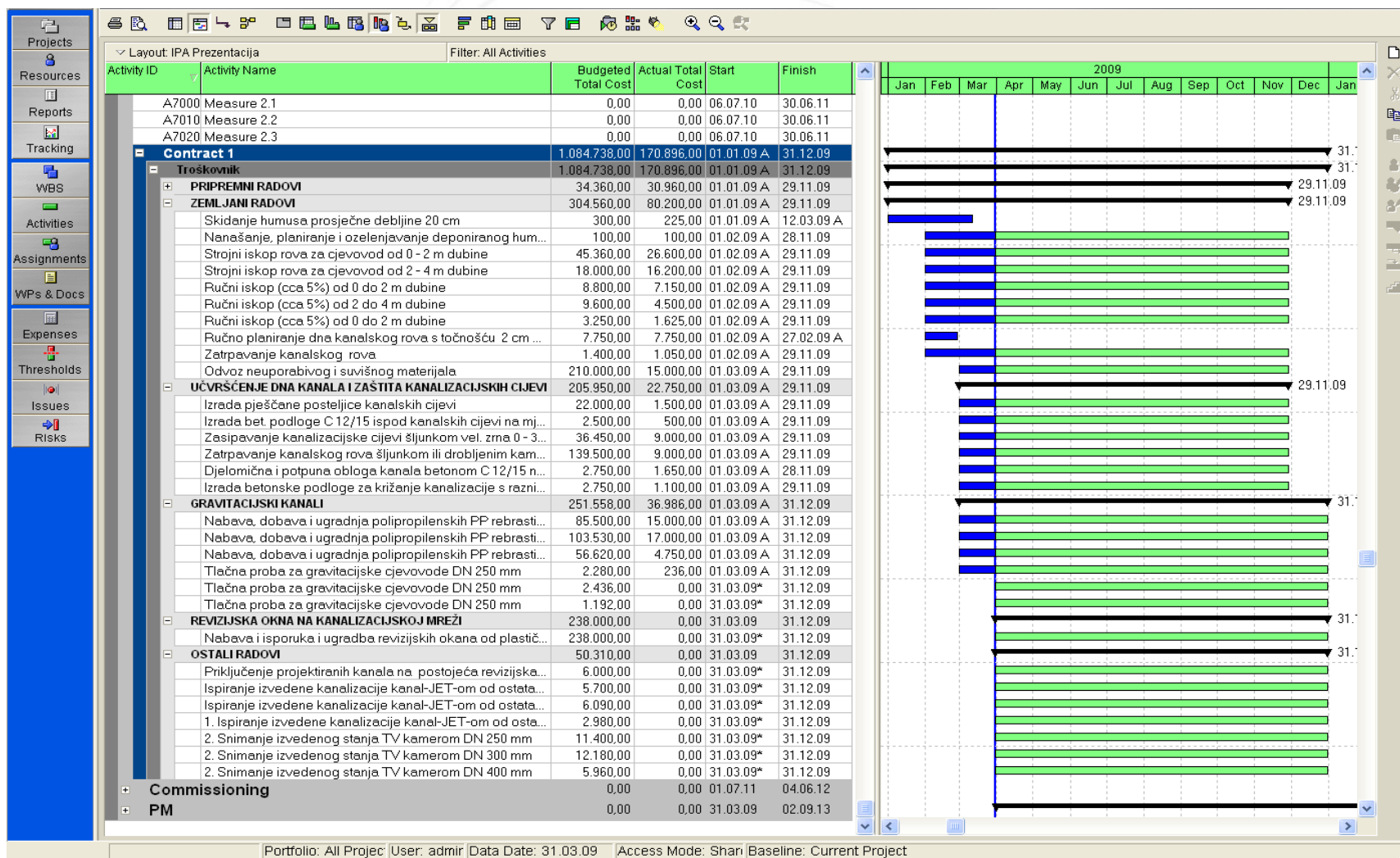
2008		2009		
▼ Display: Open Projects Only				
Actual Cost	2009			
	Jan	Feb	Mar	Apr
	18.000,00	61.575,00	91.321,00	
	18.000,00	61.575,00	91.321,00	
	18.000,00	61.575,00	91.321,00	
	18.000,00	61.575,00	91.321,00	
	18.000,00	61.575,00	91.321,00	

	Activity Name: A1080 Strojni iskop rova za cjevovod od 0 - 2 m dubine	45.360,00	26.600,00	01.02.09 A	29.11.09
	Activity Name: A1090 Strojni iskop rova za cjevovod od 2 - 4 m dubine	18.000,00	16.200,00	01.02.09 A	29.11.09
	Activity Name: A1100 Ručni iskop (cca 5%) od 0 do 2 m dubine	8.800,00	7.150,00	01.02.09 A	29.11.09
	Activity Name: A1110 Ručni iskop (cca 5%) od 2 do 4 m dubine	9.600,00	4.500,00	01.02.09 A	29.11.09
	Activity Name: A1120 Ručni iskop (cca 5%) od 0 do 2 m dubine	3.250,00	1.625,00	01.02.09 A	29.11.09
	Activity Name: A1130 Ručno planiranje dna kanalskog rova s točnošć	7.750,00	7.750,00	01.02.09 A	27.02.09 A
	Activity Name: A1140 Zatrpavanje kanalskog rova	1.400,00	1.050,00	01.02.09 A	29.11.09
	Activity Name: A1150 Odvoz neuporabivog i suvišnog materijala	210.000,00	15.000,00	01.03.09 A	29.11.09
	WBS: PREZ05.4.1.4.3 UČVRŠĆENJE DNA KANALA I ZAŠTITA KANALIZACI	205.950,00	22.750,00	01.03.09 A	29.11.09
	Activity Name: A1160 Izrada pješčane posteljice kanalskih cijevi	22.000,00	1.500,00	01.03.09 A	29.11.09
	Activity Name: A1170 Izrada bet. podloge C 12/15 ispod kanalskih cijevi	2.500,00	500,00	01.03.09 A	29.11.09
	Activity Name: A1180 Zasipavanje kanalizacijske cijevi šljunkom vel. 3	36.450,00	9.000,00	01.03.09 A	29.11.09

		16.800,00	9.800,00
		15.750,00	450,00
		5.500,00	1.650,00
		6.000,00	(1.500,00)
		1.625,00	
		7.750,00	
		1.050,00	
			15.000,00
			22.750,00
			1.500,00
			500,00
			9.000,00

	Activity Name: A1190 Zatrpavanje kanalskog rova šljunkom ili droblje	139.500,00	9.000,00	01.03.09 A	29.11.09						9.000,00		
	Activity Name: A1200 Djelomična i potpuna obloga kanala betonom C	2.750,00	1.650,00	01.03.09 A	28.11.09						1.650,00		
	Activity Name: A1210 Izrada betonske podloge za križanje kanalizacij	2.750,00	1.100,00	01.03.09 A	29.11.09						1.100,00		
	WBS: PREZ05.4.1.4.4 GRAVITACIJSKI KANALI	251.558,00	36.986,00	01.03.09 A	31.12.09						36.986,00		
	Activity Name: A1220 Nabava, dobava i ugradnja polipropilenskih PP	85.500,00	15.000,00	01.03.09 A	31.12.09						15.000,00		
	Activity Name: A1230 Nabava, dobava i ugradnja polipropilenskih PP	103.530,00	17.000,00	01.03.09 A	31.12.09						17.000,00		
	Activity Name: A1240 Nabava, dobava i ugradnja polipropilenskih PP	56.620,00	4.750,00	01.03.09 A	31.12.09						4.750,00		
	Activity Name: A1250 Tlačna proba za gravitacijske cjevovode DN 25	2.280,00	236,00	01.03.09 A	31.12.09						236,00		
	Activity Name: A1260 Tlačna proba za gravitacijske cjevovode DN 25	2.436,00	0,00	31.03.09	31.12.09								
	Activity Name: A1270 Tlačna proba za gravitacijske cjevovode DN 25	1.192,00	0,00	31.03.09	31.12.09								

# Stvarni napredak projekta

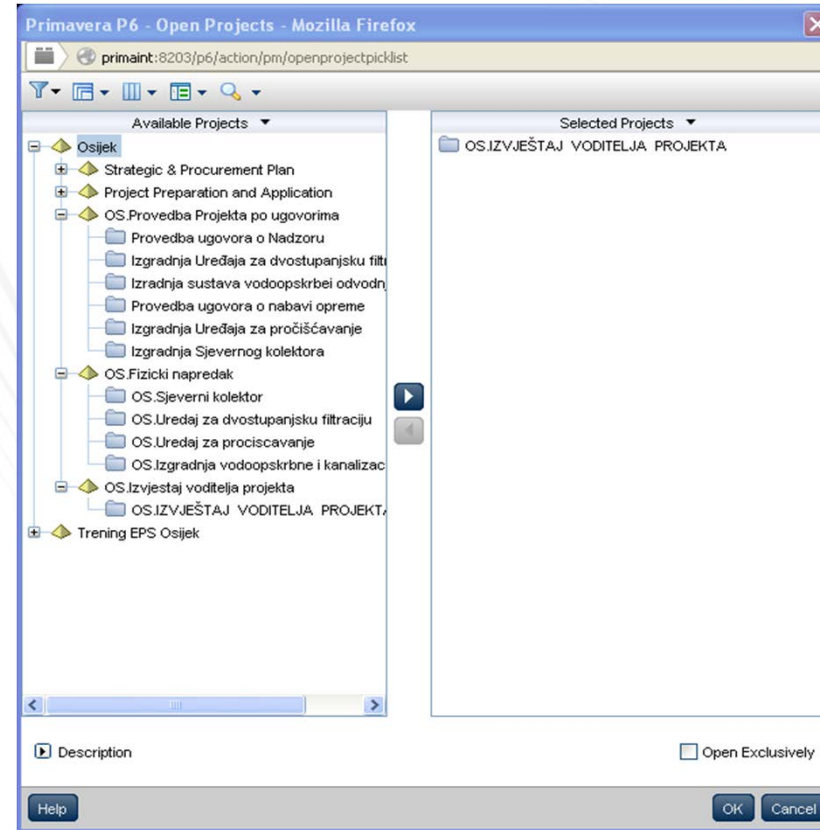


# Izveštaji o primeni projekta

Prijava za korisnika i nadzornog inženjera



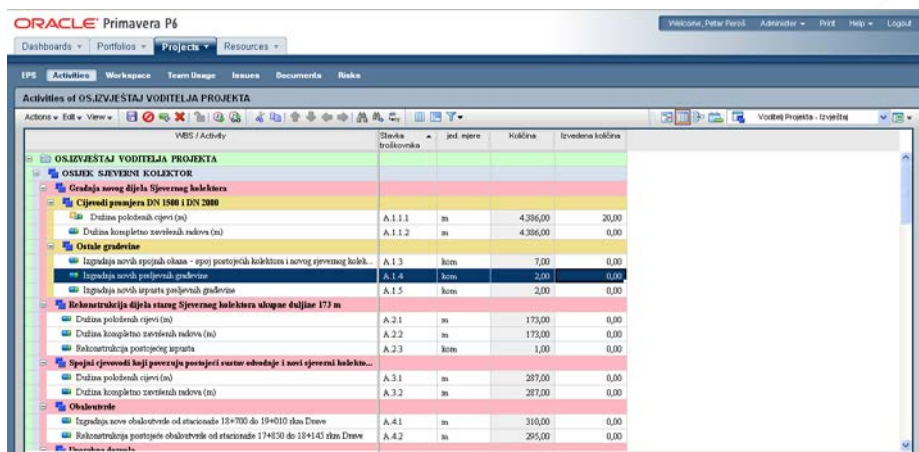
Prijava na mrežu Primavera



Izveštaji o projektu



# Izveštaj o mesečnom napretku



The screenshot shows the Oracle Primavera P6 interface. The main window displays a list of activities under the heading 'Activities of OS.IZVEŠTAJ VODITELJA PROJEKTA'. The activities are organized into a hierarchical tree structure. The table below shows the data for these activities, including their names, WBS/Activity codes, units, and costs.

WBS / Activity	stTroskovnika	jed. mjere	Ugovorena količina	Sturana količina	Planned Start	Actual Start	Planned Finish	Actual Finish	Units % Complete
OS.Sjeverni kolektor			32.113,78	0,00	01.07.14	01.07.14	20.12.16		0%
OSIDJEK SJEVERNI KOLEKTOR			32.113,78	0,00	01.07.14	01.07.14	20.12.16		0%
Gradnja novog dijela Sjevernog kolektora			26.327,78	0,00	01.07.14	01.07.14	20.12.16		0%
Dionica I. - stacionaža (0+000,00 0+849,70) DN 1500			5.098,20	0,00	01.07.14	01.07.14	20.12.16		0%
Priprema	A.1.1.1	m	849,70	0,00	01.07.14	01.07.14	20.12.16		0%
Iskop	A.1.1.2	m	849,70	0,00			20.12.16		0%
Montaža cijevi	A.1.1.3	m	849,70	0,00			20.12.16		0%
Zatrpavanje rova	A.1.1.4	m	849,70	0,00			20.12.16		0%
Vraćanje u prvobitno stanje	A.1.1.6	m	849,70	0,00			20.12.16		0%
Tampon	A.1.1.5	m	849,70	0,00			20.12.16		0%
Dionica II. -stacionaža (0+849,70 1+001,84) DN 2000			912,84	0,00			20.12.16		0%
Priprema	A.1.2.1	m	152,14	0,00			20.12.16		0%
Iskop	A.1.2.2	m	152,14	0,00			20.12.16		0%
Montaža cijevi	A.1.2.3	m	152,14	0,00			20.12.16		0%
Zatrpavanje rova	A.1.2.4	m	152,14	0,00			20.12.16		0%

Izveštaj o mesečnom napretku

WBS / Activity	stTroskovnika	jed. mjere	Ugovorena količina	Sturana količina	Planned Start	Actual Start	Planned Finish	Actual Finish	Units % Complete
OS.Sjeverni kolektor			32.113,78	0,00	01.07.14	01.07.14	20.12.16		0%
OSIDJEK SJEVERNI KOLEKTOR			32.113,78	0,00	01.07.14	01.07.14	20.12.16		0%
Gradnja novog dijela Sjevernog kolektora			26.327,78	0,00	01.07.14	01.07.14	20.12.16		0%
Dionica I. - stacionaža (0+000,00 0+849,70) DN 1500			5.098,20	0,00	01.07.14	01.07.14	20.12.16		0%
Priprema	A.1.1.1	m	849,70	0,00	01.07.14	01.07.14	20.12.16		0%
Iskop	A.1.1.2	m	849,70	0,00			20.12.16		0%
Montaža cijevi	A.1.1.3	m	849,70	0,00			20.12.16		0%
Zatrpavanje rova	A.1.1.4	m	849,70	0,00			20.12.16		0%
Vraćanje u prvobitno stanje	A.1.1.6	m	849,70	0,00			20.12.16		0%
Tampon	A.1.1.5	m	849,70	0,00			20.12.16		0%
Dionica II. -stacionaža (0+849,70 1+001,84) DN 2000			912,84	0,00			20.12.16		0%
Priprema	A.1.2.1	m	152,14	0,00			20.12.16		0%
Iskop	A.1.2.2	m	152,14	0,00			20.12.16		0%
Montaža cijevi	A.1.2.3	m	152,14	0,00			20.12.16		0%
Zatrpavanje rova	A.1.2.4	m	152,14	0,00			20.12.16		0%

Inženjer unosi stvarne troškove - radi izveštavanja

# Status primene

Primavera P6 Professional R8.3.1 : SB\_WWTP (SB\_WWTP\_Breakdown of overall price)

File Edit View Project Enterprise Tools Help

Activities Projects

Layout: a03\_izvedeni radovi po mjesecima Filter: All Activities

stTroskovnika	Activity Name	Original Duration	Start	Finish	Cost	2012	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Total		2616	01-Feb-12 A	16-Jun-12										
SB_WWTP_Breakdown of overall price		2616	01-Feb-12 A	16-Jun-12										
EXTERNAL ARRANGEMENTS AND ROADS		1626	29-May-12 A	18-Feb-13										
STRUCTURES TOTAL		1392	01-Jul-12 A	17-Dec-12										
Structure - Automatic coarse screens (01) with overflow weir		981	01-Jul-12 A	22-Nov-12										
Structure - Inlet pumping station towards the WWTP (02) with Auto...		855	01-Jul-12 A	11-Nov-12										
Structure - Aerated grease and grit chamber (05)		933	01-Jul-12 A	22-Nov-12										
Structure - Primary settling tank (06)		1059	01-Jul-12 A	17-Dec-12										
Structure - SBR basins (08)		1392	01-Jul-12 A	11-Nov-12										
Structure - Blower room (09), P-precipitant storage (10) and Technol...		1068	01-Jul-12 A	07-Dec-12										
Structure - Effluent measuring (11)		1113	01-Jul-12 A	31-Oct-12										
Structure - High waters pumping station (12)		999	01-Jul-12 A	31-Oct-12										
Structure - Primary sludge thickener (20)		1056	01-Jul-12 A	31-Oct-12										
Structure - Excess sludge thickener (21), Sludge dewatering (24) an...		885	01-Sep-12 A	11-Nov-12										
Structure - Anaerobic digesters (22)		960	01-Sep-12 A	16-Nov-12										
Structure - Sludge storage tank (23)		1179	01-Aug-12 A	28-Nov-12										
Structure - Gas holder (25)		807	01-Nov-12 A	31-Oct-13										
Structure - Gas flare (26)		201	01-May-13 A	31-Oct-13										
Structure - Administration building (30), workshop (31) and garage (32)		720	01-Feb-13 A	09-Nov-13										
Structure - Transformer station (33)		288	01-Apr-13 A	31-Oct-13										

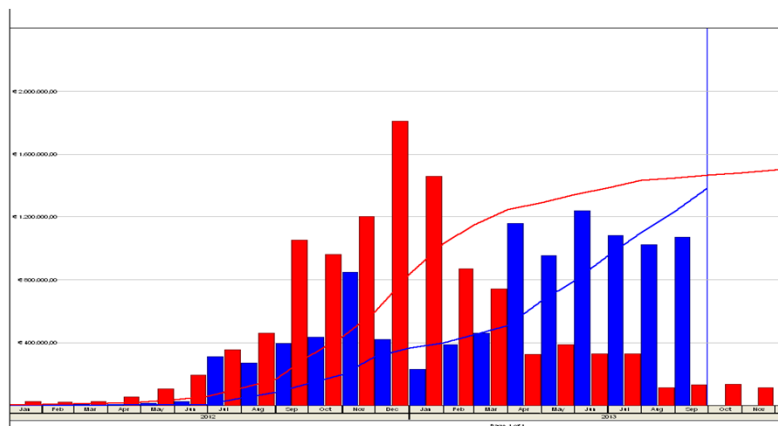
Portfolio: All Projects Access Mode: Shared Data Date: 30-Sep-13 Baseline: SB\_WWTP\_Troskovnik - B1-Inicijalni plan\_01.04.2012 User: petar DB: PMSDK (EPPM)

# Analiza podataka

Troškovnik	Activity Name	Unit of measure	ugovorena količina	Actual Nonlebor Units	Razlika plan/realizacija	jed. cijena	Budgeted Total Cost	Actual Total Cost	Razlika plan/realizacija Cost
<b>Water Supply / Sewers Works Implementation</b>									
	1203621.36		290022.26	290022.26	-1807284.50	3,194,139.06	12,654,767.03	4,154,807.73	-8,499,959.30
<b>BoQ</b>	1203621.36		290022.26	290022.26	-1807284.50	3,194,139.06	12,654,767.03	4,154,807.73	-8,499,959.30
<b>CONSTRUCTION OF RETENTION AND RELIEF SEWER "COLLECTOR..."</b>									
	63049.40		52145.48	52145.48	-10903.92	33,132.11	893,645.64	694,623.84	-199,021.80
<b>CONSTRUCTION OF RETENTION AND RELIEF SEWER "COLLECTOR..."</b>	63049.40		52145.48	52145.48	-10903.92	33,132.11	893,645.64	694,623.84	-199,021.80
<b>Preliminary Works</b>	2962.00		2889.90	2889.90	-72.10	23,440.15	53,341.92	51,238.05	-2,103.87
1.1.1.2	Preparation of the construction site	L.s.	1.00	1.00	0.00	3,430.00	3,430.00	3,430.00	0.00
1.1.1.3	Information board at the construction site	pcs	1.00	1.00	0.00	196.00	196.00	196.00	0.00
1.1.1.4	Temporary traffic regulation	L.s.	1.00	1.00	0.00	2,450.00	2,450.00	2,450.00	0.00
1.1.1.5	Locating and marking the position of exist...	L.s.	1.00	1.00	0.00	3,430.00	3,430.00	3,430.00	0.00
1.1.1.6	Test excavation to locate existing installa...	pcs	126.00	134.00	8.00	19.60	2,469.60	2,626.40	156.80
1.1.1.9	Removal of bushes and cutting of trees u...	m2	900.00	837.90	-62.10	2.94	2,646.00	2,463.43	-182.57
<b>Project documentation</b>	2.00		2.00	2.00	0.00	12,300.00	12,300.00	12,300.00	0.00
1.1.1.1	Detailed design	L.s.	1.00	1.00	0.00	10,800.00	10,800.00	10,800.00	0.00
1.1.1.1	Temporary operation of collector Odranski...	L.s.	1.00	1.00	0.00	1,500.00	1,500.00	1,500.00	0.00
	New Activity						0.00	0.00	
+	Protection or relocation of existing communal installations		153.00	142.00	-11.00	1,470.00	22,834.00	22,148.00	-686.00
+	Setting out of the sewerage line route and related structur...		1764.00	1764.00	0.00	14.21	2,145.22	2,145.22	0.00
+	Tree cutting and uprooting		13.00	5.00	-8.00	127.40	441.00	49.00	-392.00
+	Digging up and restoration of roadway		12197.00	3630.29	-8566.71	430.22	168,681.92	41,708.78	-126,973.14
+	Earthworks		27210.00	27210.00	0.00	137.20	128,088.36	123,483.21	-4,605.15
+	Carpentry work		110.00	104.00	-6.00	86.20	1,372.20	1,136.80	-235.40
+	Stabilization of the bottom of the trench and pipe protection		7638.00	8103.69	565.69	375.34	126,145.60	133,232.74	7,087.14
+	Gravitation sewer pipe		4848.00	3267.30	-1580.70	761.46	246,817.90	255,691.72	8,873.82
+	Manholes		2711.90	6919.50	4207.60	4,975.46	77,945.28	88,202.55	10,257.27
+	Connection of existing sewers to "Collector RIK Odranska"		198.00	0.00	-198.00	2,537.22	13,423.06	0.00	-13,423.06
+	Micro tunneling		1184.50	0.00	-1184.50	2,404.92	53,711.84	0.00	-53,711.84
+	Other works		3490.00	0.00	-3490.00	3,981.34	15,157.86	0.00	-15,157.86
<b>RECONSTRUCTION OF PUMPING STATION ODRANSKI MOST</b>	23595.15		15594.72	15594.72	-7981.02	252,370.15	592,043.36	85,178.50	-506,864.86
<b>RECONSTRUCTION OF PUMPING STATION ODRANSKI MOST</b>	23595.15		15594.72	15594.72	-7981.02	252,370.15	592,043.36	85,178.50	-506,864.86
<b>Preliminary Works</b>	12.00		11.65	11.65	-0.35	18,016.00	18,016.00	18,016.00	0.00
+	Civil Works		16332.50	13317.51	-2994.99	23,126.16	126,580.31	48,188.76	-77,391.55
<b>DISASSEMBLY WORKS OF EXISTING HYDROMECHANICAL EQUIPMENT</b>	53.00		10.00	10.00	-43.00	12,286.40	12,923.40	4,292.00	11,631.40

- Rezultat: značajno poboljšanje u praćenju primene projekta
- Poboljšano izveštavanje o napredovanju primene projekta
- Poboljšanje finansijskog statusa
- Poboljšanje u prognozi novčanih tokova

## Stavke iznad ugovorenih vrednosti



## S- kriva



# Pregled

**Pregled** ▸ Naslovnica  
 Praćenje EU projekata u pripremi

Portal   Projekti ▾   Sektor za podršku   **Pregled**   Karte ▾   Baza podataka   Posredničko tijelo - IB2   VGO Osijek   VGO Rijeka   VGO Sava   VGO Split   VGO Varaždin   VGO Zagreb   Forum

 Baza podataka za agregiranje informacija sa projektnih siteova	 <b>Finalni izvještaji sa projekata</b>	 <b>Praćenje gotovosti projektne dokumentacije</b>	 <b>Financijsko praćenje projekata</b>	 <b>Karte projekata u pripremi</b>	 Projektni timovi
 <b>1 Sumarni pregled</b>	 <b>2 Financije priprema projekta</b>	 <b>3 Stanje dokumentacije kratko</b>	 <b>4 Stanje dokumentacije dugo</b>	 <b>5 Financije u realizaciji projekta</b>	 <b>6 Stanje ugovaranja pripreme projekta</b>
 <b>7 Za direktora po projektima</b>	 <b>8 Radna skupina - projekti do 2018.</b>	 <b>Radna skupina za praćenje EU fondova</b>	 <b>Svi dokumenti vezani uz JASPERS</b>	 <b>Factsheetovi</b>	 <b>CEI plan EU projekti</b>

# Namenski IT sistem za upravljanje projektom – da li nam je potreban?



- Nefleksibilan
- Ograničena funkcionalnost
- Uključene samo akreditovane strukture
- Ograničena fleksibilnost

- Fleksibilan
- Modularan
- Korisnički pristup
- Lako se može integrisati sa drugim IT rešenjem
- Ne zahteva akreditaciju

**Neophodan za upravljanje projektom na operativnom nivou**

## PODRŠKA EU U PRIPREMI PROJEKATA

Sva dokumenta, informacije, materijale i fotografije možete preuzeti na zvaničnoj internet prezentaciji EU PPF projekta @ [www.ppf.rs](http://www.ppf.rs) / veb-stranica DOKUMENTA



# Pitanja i pomoć

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Hvala Vam na pažnji!