

Annex 3 Detailed Work Plan – Feb-Jul 2013

Project title: Environmental Protection of International River Basins			Project number: ENPI/2011/279-666				Belarus, Moldova, Ukraine, Armenia, Azerbaijan, Georgia				
Planning period: 01 Feb – 31 Jul 2013			Prepared on: 15.02.2013				EC Consultant : Consortium led by Hulla & CO. Human Dynamics				
Project objectives: 1) to improve availability and quality of data on the ecological, chemical, and hydro-morphological status of trans-boundary river basins including groundwater, 2) to develop River Basin Management Plans for selected river basins/sub-river basins according to the requirements of the WFD.											
No	ACTIVITIES IMPLEMENTED / EVENTS PLANED	TIME FRAME 2013 / Months						Provisional Dates	Project resources (wd/IE, EUR)	Beneficiary Institutions to be invited	
		Feb	Mar	Apr	May	Jun	Jul				
Project Management Activities											
1	National Coordination Committee meeting in Tbilisi, Georgia		X					6 March 2013	KE2 - 5 w/d IE 2500 €	MoE, NEA, MENR/ANR, MoH	
2	National Coordination Committee meeting in Baku, Azerbaijan				X			23 May 2013	KE2 - 2 w/d CWME - 5 w/d IE 3000 €	MENR, MoH, AzerSu, Amelioration JSC, MES/SWA	
3	2 nd National Coordination Committee meeting in Yerevan, Armenia					X		12 June 2013	KE2 - 2 w/d CWME - 5w/d IE 2500 €	MNR, WRMA, EIMC, ArmState Hydromet, Hydro-geology Cent	
4	Prut River Basin Council		X					12-15 March 2013	KE1 2 KE2 - 2 w/d CWME IE 7000 €	MENR, SAWR, MoE, Apelle Mold	
5	Upper Dnieper River Basin Council			X				23-24 April 2013	KE1 2 KE2 - 2 w/d CWME IE 12000 €	MENR, SAWR, MoE	
	Second Project Regional Steering Committee						 September	25000 €	Six beneficiaries' MoE	
Activity 1. Improvement of hydro-biological, chemical and hydro-morphological monitoring and assessment of surface water bodies, including groundwater											
Activity 1.2: Support the implementation of countries' obligations under the Danube and Water Conventions											
6	Regional workshop to discuss the project report and discuss the required project support ARM/AZ/GE BY/MD/UA			X				April, Minsk?	KE1 KE2 NKEs CWMEs IE	5 2 9 12 10 000	Six beneficiaries' MoE, CWMEs
7	Support to all countries to implement Water and Danube Conventions	X	X	X	X	X	X	Feb – Jul	KE1 KE2 NKEs CWMEs IE	5 3 10 30 travel	Six beneficiaries' MoE, CWMEs
Activity 1.3: Develop WFD-compliant monitoring programmes including hydro-biological and hydro-morphological elements and groundwater											

8	Monitoring programmes (incl. hydrobiological, hydromorphological, physic-chemical and groundwater elements) designed for the pilot rivers								KEs NKEs CWMEs IE		
9	Training courses in WFD compliant monitoring developed	X		X		X		2 WD * 6 COUNTRIES to be conducted from September	KE1 KE2 KE3 KE4 KE5 NKEBMI CWMEs IE	15 6 13 12 10 20 45 24 000	
Activity 1.4: Assist in the development of WFD-compliant tools for assessing data obtained from monitoring activities (ecological, chemical, hydro-morphological classifications)											
10	Draft Guidelines on assessing the ecological, biological, chemical and hydromorphological status					X	X		KE4 KE5	5 5	
Activity 1.5: Support the analytical quality control assurance procedure											
11	QA/QC procedures for the laboratories improved by provision of trainings on hydrobiological and chemical monitoring methods	X	X	X	X			10 -14 Feb ARM 17 -21 Feb AZ 31 Jan -10 Feb GEO	KE2 KE3	2 13	MENR, NEA, MOE, EIMC
Activity 1.6: Assess the needs regarding laboratory infrastructure, equipment and training											
12	Trainings on analyzing parameters and ensuring analytical methods, standards, software and procedures are in place	X	X	X	X			31 March – 4 April BY 6-10 April MD 24 -30 March UA	KE3 NKEBMI	10 20	MENR, NEA, MOE, EIMC
Activity 2. Development of joint River Basin Management Plans (RBMPs) for selected river basins											
Activity 2.1: Undertake River Basin Analyses											
13	RBA for Az, Prut and Upper Dnieper rivers finalized	X	X						KE1 KE2 KE3 KE4 KE5 CWMEs IE	15 4 6 6 7 45 64 160	River basin authorities in Prut and Dnieper, MoE BY, Hydromet Service in MD and UA, Geological Service UA
Activity 2.2: Water body identification and typology											
14	Determination of basin districts and further discussion with the beneficiaries										River basin authorities in Prut and Dnieper, six MoE, Geological Service UA
15	Training to the beneficiary experts to identify GWB and SWB		X	X	X			14-23 Feb, ARM, AZ, GE 04-23 Mar, BY,MD, UA 21 Mar-12 Apr, UA, BY, MD	KE5 KE4 KE3 NKE3 CWMEs	26 12 5 15 50	River basin authorities in Prut and Dnieper, six MoE, Geological Service UA

16	Training to the beneficiary experts to process water quality and typology data			X	X	X	X	14-23 Feb, ARM, AZ, GE 04-23 Mar, BY,MD, UA 21 Mar-12 Apr, UA, BY, MD	KE3 KE4 KE5 NKE3	5 20 8 20	River basin authorities in Prut and Dnieper, six MoE, Geological Service UA, Hydromet UA, MD, BY
17	GIS mapping of water bodies		X	X		X	X		KE1 KE2 CWMEs IE	7 19 50 79 100	
Activity 2.3: Analysis of Baseline situation											
18	Preliminary Classification of water bodies					X	X	15-22 April 1-24 May 10 June- July	KE1 KE2 KE3 KE4 KE5 CWMEs NKE3	5 10 5 9 10 50 10	River basin authorities in Prut and Dnieper, six MoE, Geological Service
19	Identification of gaps in data availability					X	X	09-24 May	KE1 KE2 KE3 KE4 KE5 CWMEs NKE3	3 12 5 12 5 21 10	River basin authorities in Prut and Dnieper, six MoE, Geological Service
Activity 2.4: Joint Field Surveys to cover the gaps											
20	JFSs conducted in all 5 pilots: Surface Waters				X	X	X	10 – 28 June; 15 July – 03 August	KE1 KE2 KE3 KE4 KE5 NKE3 CWMEs IE GW IE SW	10 35 10 29 35 20 30 60 000 60 000	River basin authorities in Prut and Dnieper, six MoE, Hydromet MD, UA
21	Updated Water body classification done						X	03-05 July; 07-09 August 1-30 September	KE1 KE2 KE3 KE4 KE5 NKEs CWMEs IE	10 6 5	

22	First round of the JFSs for continuation of KURA project, phase III				X			09-15 May	KE1 KE2 NKEs CWMEs IE	0 6 20 8 25 000	
Activity 2.7: Public involvement and awareness raising activities											
23	Communication strategy for each pilot basin elaborated and implemented, bulletins developed and posted			X			X		KE1 NKEs CWMEs IE	5 10 40 000	
24	Awareness building activities undertaken, public participation in river basin councils provided, Dnieper Day organized		X	X			X		KE1 NKEs CWMEs IE	5 16 50 000	
Project management											
25	Stakeholders, quality and risk management	X	X	X	X	X	X	Throughout the whole period	KE1 KE2	9 8	All countries
26	Steering Committee Meetings					X	X		KE1 KE2 IE	20 10 25 000	All countries
27	Reporting, Planning, monitoring	X	X	X	X	X	X	Throughout the whole period	KE1 KE2	24 8	All countries
PILOTS/COUNTRY SPECIFIC ACTIVITIES											
Armenia – Akhurian and Metsamore Rivers											
	Task 2.2.2: Preliminary identification of surface and groundwater bodies							14 Feb	KE1 KE2	0 15	
	Task 2.2.3: Typology of surface water bodies							15-16 Feb	KE3 KE4	6 14	
	Task 2.3.4: Final identification of water bodies							03 July	KE5 NKEs	14 ?	
	Task 2.2.5: GIS mapping of surface and groundwater bodies										
	Task 2.3.1: Preliminary classification of water bodies based on available data							15 April			
	Task 2.3.2: Identification of gaps in data availability							16-17 April			
	Task 2.4.1: Survey design manuals for a joint field survey: <i>GW assessment manual for JFSs/ SW assessment manual for JFSs</i>							3 June 2013			

Task 2.4.2: JFSs to cover the gaps: - <i>Groundwater JFS</i> - <i>Surface Water JFS</i>						08-12 Apr 10 - 14 Jun			
Task 2.4.3: Water body classifications updated: <i>GW Bodies</i>									
Task 2.4.4: Joint Field Survey of the Kura transboundary sub- basins (Surface Waters): Round-1						Debed: 09 - 11 May			
Azerbaijan – Agstafachay, Tovuzchay, Shamkirchay and Ganjachay Rivers									
Task 2.2.2: Preliminary identification of surface and groundwater bodies						21 Feb	KE1	0	
							KE2	15	
Task 2.2.3: Typology of surface water bodies						22-23 Feb	KE3	6	
Task 2.3.4: Final identification of water bodies						04 July	KE4	13	
Task 2.2.5: GIS mapping of surface and groundwater bodies							KE5	14	
							NKEs	?	
Task 2.3.1: Preliminary classification of water bodies based on available data						18 April			
Task 2.3.2: Identification of gaps in data availability						19-22 April			
Task 2.4.1: Survey design manuals for a joint field survey: <i>GW assessment manual for JFSs/ SW assessment manual for JFSs</i>						5 June			
Task 2.4.2: JFSs to cover the gaps: - <i>Groundwater JFS</i> - <i>Surface Water JFS</i>						22 - 26 April 24 - 28 June			
Task 2.4.3: Water body classifications updated: <i>GW Bodies</i>									
Task 2.4.4: Joint Field Survey of the Kura transboundary sub- basins (Surface Waters): Round-1						Alazani/Ganikh: 13 - 15 May			
Georgia – Chorokhi – Adjaristskali Basin									
Task 2.2.2: Preliminary identification of surface and groundwater bodies						18 Feb	KE1	0	
							KE2	30	
Task 2.2.3: Typology of surface water bodies						19-20 Feb	KE3	6	
Task 2.3.4: Final identification of water bodies					1	05 July	KE4		

Task 2.2.5: GIS mapping of surface and groundwater bodies								KE5 NKEs	14	
Task 2.3.1: Preliminary classification of water bodies based on available data							23 April			
Task 2.3.2: Identification of gaps in data availability							24-25 April			
Task 2.4.1: Survey design manuals for a joint field survey: - <i>GW assessment manual for JFSs</i> - <i>SW assessment manual for JFSs</i>							6 June			
Task 2.4.2: JFSs to cover the gaps: - <i>Groundwater JFS</i> - <i>Surface Water JFS</i>							15-19 April 17-21 June			
Task 2.4.3: Water body classifications updated: - <i>GW Bodies</i>										
Task 2.4.4: Joint Field Survey of the Kura transboundary sub- basins (Surface Waters): Round-1							Khrami/Debed: 09 - 11 May Alazani: 13 - 15 May			
Belarus / Ukraine – Upper Dnieper River										
Activity 2.2: Water body identification and typology							21-23 April; 01 –05 May	KE1 KE2 KE3 KE4 KE5 NKE3	4 2 2 8 14 20	
Activity 2.3: Analysis of Baseline situation							13-17 May	KE1 KE2 KE3 KE4 KE5 NKEBMI NKE3	4 0 4 5 3 5 10	

	Activity 2.4: Joint Field Surveys to cover the gaps						15-26 July	KE1 KE2 KE3 KE4 KE5 NKEBMI NKE3	5 5 6 11 10 5 10	
	Dnieper Day					X	July			
Ukraine / Moldova – Prut River										
	Activity 2.2: Water body identification and typology						13-20 March June-July	KE1 KE2 KE3 KE4 KE5 NKE3	3 2 2 6 6 15	
	Activity 2.3: Analysis of Baseline situation						20-23 May June -July	KE1 KE2 KE3 KE4 KE5 NKEBMI NKE3	4 0 4 4 3 6 10	
	Activity 2.4: Joint Field Surveys to cover the gaps						29 July – 03 August	KE1 KE2 KE3 KE4 KE5 NKEBMI NKE 3	5 5 6 3 10 6 10	