

Ente acque della Sardegna

(L.R. 6 dicembre 2006, n° 19)

L'Amministratore unico

Oggetto: Progetto "Ghana S.O.U.R.C.E: Strengthening Organisational Units on water and sanitation governance in the Rural and Coastal Environment of Ghana". finanziato con fondi europei nell'ambito del Programma 10° Fondo Europeo di Sviluppo – ACP EU Water Facility.

Approvazione del budget di progetto e della conseguente ripartizione delle somme e delle attività tra i partner di progetto a seguito della approvazione della modifica di budget da parte dell'U.E.

L'anno 2014, il giorno venti, del mese di febbraio nella sede di Cagliari, via Mameli, 88, l'Amministratore unico Dott. Davide Galantuomo, nominato con decreto del Presidente della Regione n. 26 del 15 febbraio 2014 su conforme deliberazione della Giunta Regionale n. 5/29 dell'11 febbraio 2014;

VISTA la L.R. 06.12.2006 n° 19 e ss.mm, che ha trasformato l'Ente Autonomo del Flumendosa - istituito con R.D.L. 17.05.1946 n° 498 - ente strumentale della Regione, in Ente acque della Sardegna (Enas) per la gestione del sistema idrico multisettoriale regionale;

VISTO il nuovo Statuto dell'Ente acque della Sardegna approvato con Decreto del Presidente della Regione Autonoma della Sardegna n. 19 del 10.02.2014;

VISTA la L.R. 15.05.1995 n° 14 di indirizzo, controllo, vigilanza e tutela sugli enti, istituti ed aziende regionali e ss.mm.;

VISTA la L.R. 23.08.1995 n° 20 di semplificazione e razionalizzazione dell'ordinamento degli enti strumentali della Regione e degli altri enti pubblici e di diritto pubblico operanti nell'ambito regionale e ss.mm.;

VISTA la L.R. 13.11.1998, n° 31 che disciplina l'organizzazione degli uffici della Regione e del relativo personale e ss.mm.;

VISTA la L. R. 2.08.2006, n° 11 in materia di programmazione, bilancio e contabilità della Regione Sardegna e ss.mm.;

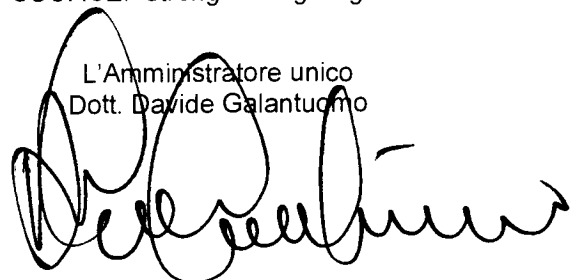
VISTA la delibera del Commissario Straordinario n. 70 del 6 dicembre 2013 concernente "Autorizzazione all'esercizio provvisorio del bilancio di previsione per l'anno 2014 per un periodo di due mesi dal 1° gennaio al 28 febbraio 2014" approvata dalla Giunta Regionale con delibera n. 1/17 del 17 gennaio 2014;

VISTA la delibera del Commissario Straordinario n. 65/13 del 07 novembre 2013 concernente "Approvazione del budget di progetto e della conseguente ripartizione delle somme e delle attività tra i partner di progetto a seguito della approvazione della modifica di budget da parte dell'U.E."

Premesso che:

- la partecipazione ai programmi di cooperazione internazionale nell'ambito delle attività specifiche oggetto dei compiti istituzionali dell'Enas è prevista dall'art. 2 "Compiti istituzionali" dello Statuto dell'Enas approvato con Decreto del Presidente della RAS n. 128 del 14.11.2008;
- l'esecuzione delle attività di cooperazione internazionale delegate o promosse dall'Enas è, ai sensi della Delibera del CdA dell'Enas n. 51 del 7.07.2008, di competenza del Servizio Studi;
- con Ordinanza Presidenziale n.3 del 5 ottobre 2010 il Presidente dell'Enas ha autorizzato il Servizio Studi alla partecipazione in qualità di capofila al bando *Partnership for Capacity Development in the ACP Water & Sanitation Sector*, nell'ambito del *Programma 10° Fondo Europeo di Sviluppo – ACP EU Water Facility*, progetto *SOURCE: Strenghtening Organisational*

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Dott. Davide Galantuomo



Units on water and sanitation governance in the Rural and Coastal Environment of Ghana e tale Ordinanza è stata successivamente ratificata dal CdA dell'Enas in data 16 ottobre 2010;

- il Servizio Studi ha provveduto a presentare alla Commissione Europea, come previsto dal suddetto bando, prima una Concept Note in data 6 ottobre 2010 e, in seguito al giudizio positivo dei valutatori sulla stessa, il progetto definitivo, in data 25 maggio 2011;
- la Commissione Europea, con comunicazione del 2 agosto 2011, prot n. 0011176 A, ha informato l'Enas che il progetto SOURCE è stato giudicato ammissibile a finanziamento e come tale sovvenzionato per un ammontare pari a 533.000 euro dalla Commissione Europea. Il restante importo, pari a € 178.000, sarà cofinanziato dai partner del progetto;
- la Commissione Europea (CE) ha stipulato con l'Enas, capofila del progetto, un contratto di finanziamento per la realizzazione del progetto "S.O.U.R.C.E: Strengthening Organisational Units on water and sanitation governance in the Rural and Coastal Environment of Ghana"(qui denominato progetto);
- tale progetto annovera tra i partner il COSPE (Cooperazione per lo sviluppo dei Paesi Emergenti), che contribuisce con risorse proprie a cofinanziare le attività di progetto e collabora per l'attuazione dello stesso, il GWS (Ghana Wildlife Society) e il GWCL (Ghana Water Company Limited), con cui l'Enas ha stipulato degli accordi di collaborazione;
- con nota Enas prot. n. 2461 del 21.02.2013 è stata formulata alla U.E. una richiesta di modifica di Budget che ha previsto una rimodulazione delle attività del progetto e dei relativi importi, fermo restando l'importo complessivo di progetto che risulta invariato e pari a complessivi € 711.000,00 di cui € 533.000,00 di finanziamento UE ed € 178.000,00 di cofinanziamento da parte di partner di progetto;
- con nota prot. n. KC-D (2013) 576 del 26 marzo 2013 (prot Enas n.6305 del 02.05.2013) l'U.E. ha comunicato l'approvazione della citata modifica di Budget;
- con Delibera n.65 del 07.11.2013 il Commissario Straordinario dell'ENAS ha approvato la modifica di budget e la rimodulazione delle somme e delle attività tra i partner di progetto;

Considerato che:

- con nota prot. n.16472 del 22.11.2013 l'ENAS ha richiesto alla U.E. la concessione di un periodo di proroga pari a mesi 4 rispetto al tempo di chiusura delle attività stabilito al 31.12.2014 senza aumento dell'importo contrattuale tra ENAS e U.E. che resta fissato in complessivi € 711.000,00 di cui un importo pari a Euro 533.000,00 finanziati dall'UE ed Euro 178.000,00 cofinanziati dai partner (ENAS, COSPE e GWC);
- con nota prot. n. IB/D (2013) 01465 del 16.12.2013 (prot. Enas n. 59 del 07.01.2014) l'U.E. ha comunicato di aver approvato il periodo di proroga di mesi 4 ed ha trasmesso l'Addendum all'accordo tra U.E. e ENAS sottoscritto dalla stessa U.E.;

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- con nota prot. n.18402 del 30.12.2013 l'ENAS ha trasmesso alla U.E. la copia dell'Addendum sottoscritto dalla stessa ENAS;
- l'estendimento del periodo delle attività è stato necessariamente accompagnato da una modifica del budget e una rimodulazione delle somme e delle attività tra i partner di progetto secondo la documentazione allegata alla presente delibera, fermo restando l'importo complessivo suddetto;

Ritenuto:

- di dover, pertanto, approvare la modifica di budget di progetto e di autorizzare la relativa rimodulazione delle somme e delle attività tra i partner di progetto;

Vista la tabella di modifica del budget approvata dall'U.E., allegata;

Vista la tabella di rimodulazione delle somme e delle attività tra i partner di progetto, allegata;

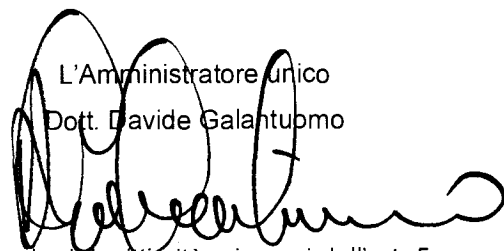
ACQUISITO il parere favorevole di legittimità del Direttore Generale f.f. ai sensi dell'art. 5 della L.R. 15.5.1995 n.14;

DELIBERA

- di approvare la modifica di budget del progetto denominato "S.O.U.R.C.E: Strengthening Organisational Units on water and sanitation governance in the Rural and Coastal Environment of Ghana"; di autorizzare la relativa rimodulazione delle somme e delle attività tra i partner di progetto;
- di dare mandato al competente Servizio Studi e al competente Servizio Appalti e Contratti per l'attuazione di tutte le attività necessarie per la prosecuzione del progetto.

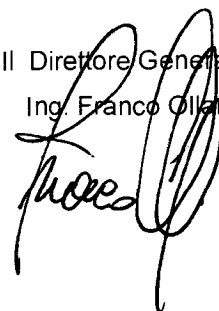
La presente deliberazione non rientrando nella categoria degli atti sottoposti a controllo preventivo, di cui all'art. 3 L.R. n. 14/95, è immediatamente esecutiva.

L'Amministratore unico
Dott. Davide Galantuono



Il Direttore Generale f.f. Ing. Franco Ollargiu rende il parere favorevole di legittimità, ai sensi dell'art. 5 della L.R. 15.5.1995, n.14.

Il Direttore Generale f.f.
Ing. Franco Ollargiu

**Allegati:**

- tabella di modifica del budget approvata dall'U.E.;
- tabella di rimodulazione delle somme e delle attività tra i partner di progetto

Ente acque della Sardegna

Via Mameli, 88 – 09123 Cagliari
Tel 070 – 6021.1 – Fax 070 – 670758

Codice Amministrazione **enas**
Prot. Generale n. **0016472 P**
Data: **22/11/2013**
Classificazione

SS/EM

Subject: S.O.U.R.C.E: Strengthening Organisational Units on water and sanitation Governance in the Rural and Coastal Environment of Ghana
REQUEST FOR PROJECT EXTENSION and BUDGET READJUSTMENT

Comunicazione anticipata via e-mail
MAERTEN Claude (EEAS-ACCRA)
[Gladys.ATTA-PETERS@eeas.europa.eu]
DELSOL Herve (EEAS-ACCRA)
[Herve.DELSOL@eeas.europa.eu]

trasmessa tramite corriere

Attention:

Mr. Claude Maerten
Head of the EU Delegation to Ghana
Delegation of the European Union to Ghana
The Round House, 81 Cantonments Road, P.
O. Box 9505 KIA, Accra

CC: Mr. Herve Delsol
Programme Manager
Infrastructure and Sustainable Development
Section
Delegation of the European Union to Ghana
The Round House, 81 Cantonments Road, P.
O. Box 9505 KIA, Accra

Subject: REQUEST FOR PROJECT EXTENSION and BUDGET READJUSTMENT
Title of the Action: S.O.U.R.C.E: Strengthening Organisational Units on water and sanitation Governance in the Rural and Coastal Environment of Ghana
Beneficiary: ENAS – Ente Acque della Sardegna
Project implementation period: 01/01/2012 – 31/12/2013
Project extension period: 1/1/2014 – 30/04/14

Dear Mr. Maerten,

We hereby request the approval for a no-cost extension period of the Project S.O.U.R.C.E FED/2011/256-378: 'Strengthening Organisational Units on water and sanitation Governance in the Rural and Coastal Environment of Ghana', and therefore the adoption of a budget readjustment (under 15% per each budget chapter) in order to execute a four months extension period, from the 1st of January 2014 until the 30th of April 2014, to conclude with all planned activities and develop all the necessary actions to ensure sustainability and an effective phasing out.

This delays that have brought to the request for a no-cost extension are due to several situation, as explained above:

- 1) The delay of the project kick-off due to the time that has been necessary to complete all the agreements between partners;
- 2) The delay on the auditing process caused by some difficulties in collecting and producing documents by local partners and consequent delay on EU transfer of funds to Enas;
- 3) Internal challenges of the LP concerning the approval of its annual balance, and the unexpected change of the Enas Project coordinator;
- 4) Delay on readjustments agreements signatures with local partners.



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Following the reasons explained ahead, in order to develop all planned activities and guarantee their sustainability and in order to put in place enough actions to guarantee an effective phasing out, we need to request for an extension of 4 months (from January 2014 until end of April 2014).

The budget needed for the 4 months extension period will be totally covered by funds that are available on several budget lines due to savings that have been possible during the Project implementation.

The requested budget reallocation does not affect the general purpose of the action or any specific activity. In addition, the requested amendment does not penalize the functionality of the action and causes no increase in the overall cost of the project.

The requested budget reallocation (under 15%) and the no-cost extension period will allow us to ensure project effectiveness and sustainability.

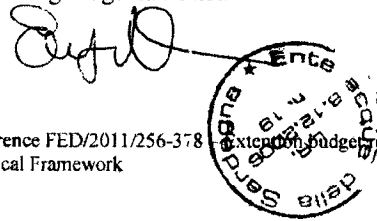
Kindly find enclosed the explanation of the proposed budget reallocation.

With the highest consideration, thank you for your continuous collaboration.

Best Regards,

Director of Enas' Servizio Studi

Eng. Eugenia Murru



Attachments:

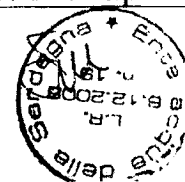
1. Justification of budget reallocation
2. Rider Budget for EC funded project SOURCE - DATE 22/11/2013 / Project reference FED/2011/256-378 - extension budget reallocation
3. Phas-out plan for Extension period of four months according to the Project Logical Framework

SST/DIR EM

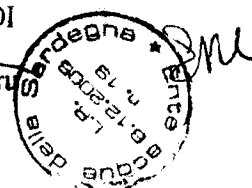
JUSTIFICATION OF BUDGET REALLOCATION (under 15%)

Attached there is the budget excel file for detailed data on budget reallocation.

1.1.1.1. Local project coordinator	- 4,800	During the extension period, the local project coordinator will be employed on the Project for the 80% of its time – 1,500 euro per 3.2 months (80% of 4 months).
1.1.1.10. Community Liaison officer 1.1.2.1 Accountant 1.2.2.3 Driver 1.2.2.4 Cleaner 1.2.2.5 Watchman	+ 1,710	We will have remarkable savings on most of the local staff salaries budget lines, mainly due to the increasing of the exchange rate between Euro and GHC. These savings will be used during the extension period to cover the costs of four months of local staff salaries and then 1,710 euro will also be used on different budget lines during the extension period.
1.2.2.1 Secretary	+ 3,440	We had a reduction of months of the Secretary contract because the Secretary left before the end of the project for personal reason. Reallocating the savings on this budget line we are able to support other costs that will be necessary for the extension implementation.
1.2.1 Assistant Expatriate project coordinator (COSPE)	- 8,400	During the extension period, the Assistant Expatriate project coordinator (COSPE) will be employed on the Project
1.2.3 Project Coordinator (Italy)	+ 6,840	The number of units of this budget line has been reduced and therefore a saving of about 6,840 euros will be used to cover other budget line costs.
1.3.1.1 Per diem for trainees (Italy)	- 1,000	4 technical staff of JODA and NEMA will be trained in Italy at Enas office on water quality testing and GIS data base use and update. In order to allow the local project coordinator to support the training and therefore to continue with the formative activities on the field back in Ghana, we added 1000 euro of Per diem to cover costs of his stay in Italy. This has been thought to ensure sustainability to the training planned to be implemented at Enas office, and to strengthen even more the local project coordinator skills to be able to support all the activities that will be implemented by the two district/municipal technical teams on the field – 100 euro per 10 days
1.3.2.3 Per diem for project Coordinator (Italy)	- 480	This amount has been planned to cover costs of stay for the project coordinator during the National Forum that will be implemented by the first week of March 2014
1.3.2.4 Per diem for Assistant Expatriate project coordinator	- 720.00	This amount has been planned to cover costs of Per diem for the Expatriate Coordinator during the four months of extension period
1.3.2.5 Per diem for short term expert on management of watsan infrastructures (Ghana)	- 480.00	This amount has been planned to cover costs of stay for the Expert on management of watsan infrastructures during the National Forum that will be implemented by the first week of March 2014
2.2.4. Flight Ghana-Italy Ghana for training at ENAS office	- 1,000	4 technical staff of JODA and NEMA will be trained in Italy at Enas office on water quality testing and GIS data base use and update. In order to allow the local project coordinator to support the training and therefore to continue with the formative activities on the field back in Ghana, we added 1000 euro for the flight. This has been thought to provide sustainability to the training planned to be implemented at Enas, and to strengthen even more the local project coordinator skills to be able to support all the activities that will be implemented by the two district/municipal technical



		teams on the field.
2.1.1 Flight Italy-Ghana-Italy for short term trainers 2.1.3 Flight Italy-Ghana-Italy for short term consultant on management of watsan infrastructures 2.1.4. Flight Italy-Ghana-Italy for Project Coordinator (Italy) 2.1.5. Flight Italy-Ghana-Italy for Assistant Project Co-ordinator 2.1.7. Travel Italy-Ghana-Italy for short term expatriate advisors ENAS	- 5,092	This amount is needed to cover costs of flights to allow Enas experts and coordinator to implement and support the coaching system activities and to conclude with specific formative training and workshops for the two technical teams of NEMA and JODA. In addition, the presence of Enas experts and technical staff will allow supporting GWCL and the local project coordinator to train the two technical teams of the Jomoro and Nzema East District/Municipality to learn how to use and update the created database. Furthermore, two of these flights are necessary to allow Enas representatives to participate to the National Forum. 1 flight is needed for the Expatriate Project Coordinator.
3.4.1. pc/photocopy machine spare parts 3.4.2. vehicle spare parts (changing of tyres including)	- 640	This amount is necessary to cover all costs related to eventual PC/Photocopy and/or vehicle spare parts during the four months extension.
4.1.1. Vehicle 4X4 insurance 4.1.2. Motorbike insurance	- 515.91	During the four months extension period the vehicle and motorbikes need to be covered by appropriate insurances.
4.1.3. Fuel and oil for vehicle 4X4 and motorbikes	+ 3,160	During the project implementation we have saved about 3,200 euro on this budget line, mainly due to a reduced number of unit and to the increasing exchange rate between Euro and GHC. This amount will therefore be used to cover other costs during the extension period.
4.2.1 Project office rent 4.3.1 Office supplies 4.4.1. telephone/fax/internet 4.4.2. electricity 4.4.3. office maintenance	+ 650	Thanks to several savings we will be able to cover all costs planned within these budget lines during the four months of extension and then we'll use the remaining available fund (about 770 euros) to cover other budget lines.
5.1.1 Short term consultant expatriate advisor on watsan planning	+ 336.00	In relation to this budget line, there is a saving of 336 euro due to a reduced cost of the short term consultant advisor on watsan planning.
5.1.2 Short term consultant on capacity building	- 1,400	This amount will cover the cost of one week support by the short term consultant on capacity building to strengthen the skills and competences of the Platforms members on Strategic Plan implementation, on establishing a sustainable reporting strategy and tools, and on project and budget elaboration.
5.1.3 Technical consultant for elaboration of GIS database	+ 8,600.00	ENAS made available one internal human resource to create the GIS data base in collaboration with an external expert. This has reduced the cost of this budget line. In addition, during the extension period, it has been planned to conclude with the data collection on water quality to finalise the database. In this view, the same person that has followed the water quality testing process so far will collect further information on some specific key points of water source to be added to the database and provide therefore relevant information to the two Assemblies on the quality of water their citizens have available.
5.5.1 Bank expenses	-120.00	For the extension period of four months it will be necessary to have budget available to cover costs of banks expenses.

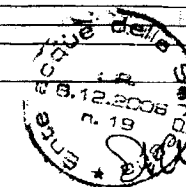
SERVIZIO STUDI
 N. Direttore
 Ing. Eugenia Murrus


Rider Budget for EC funded project SOURCE - DATE 22/11/2013 / Project reference FED/2011/256-375

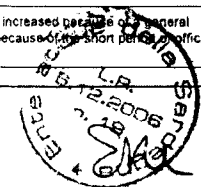
Activity Budget Lines	All years	Original Budget or revised budget From 01/01/12 to 31/12/13		Reallocation	Amended Budget From 01/01/14 to 30/04/14			Variance % (only for budget headlines)	Remark
		Unit	# of units		Unit rate (in EUR)	Costs (in EUR) 2	Revised original		
1. Human resources									
1.1 Salaries (gross amounts, local staff)³									
1.1.1 Technical									
1.1.1.1 Local project coordinator	Per month	17	1.500	25.500	0	17	1.500	25.500	
1.1.1.1. Local project coordinator					-4.800	3	1.500	4.800	This amount will be necessary to cover the cost of the local project coordinator salary during the extension period of four months (80% on 4 months)
1.1.1.2. Technical Assistant on water and sanitation (2)	Per month	24	900	21.600	3.600	20	900	18.000	
1.1.1.2. Technical Assistant on water and sanitation (2)					-3.600	4	900	3.600	
1.1.1.3. Environmental Health officer (2)	Per month	24	900	21.600	3.600	20	900	18.000	
1.1.1.3. Environmental Health officer (2)					-3.600	4	900	3.600	
1.1.1.4. Trainer on management of watsan facilities	per day	60	150	9.000	750	55	150	8.250	
1.1.1.4. Trainer on management of watsan facilities					-750	5	150	750	
1.1.1.5. Trainer on monitoring of watsan facilities	per day	90	150	13.500	2.100	76	150	11.400	
1.1.1.5. Trainer on monitoring of watsan facilities					-2.100	14	150	2.100	
1.1.1.6. Trainer on water quality testing and monitoring	per day	60	150	9.000	300	58	150,00	8.700	
1.1.1.6. Trainer on water quality testing and monitoring					-300	2	150,00	300	
1.1.1.7. Technical expert for first testing of water samples	per month	3	4.300	12.900	0	3	4.300,00	12.900	
1.1.1.7. Technical expert for first testing of water samples					0	0	0,00	0	
1.1.1.8. Expert on management of watsan Infrastructures	per day	30	200	6.000	3.000	15	200,00	3.000	
1.1.1.8. Expert on management of watsan Infrastructures					-3.000	15	200,00	3.000	
1.1.1.9. Technical trainer in Italy (ENAS office)	per month	2	4.300	8.600	8.600	0	0,00	0	
1.1.1.9. Technical trainer in Italy (ENAS office)					-8.600	2	4.300,00	8.600	
1.1.1.10. Community Liaison officer (2)	Per month	47	400	18.800	2.400	41	400,00	16.400	
1.1.1.10. Community Liaison officer (2)					-1.620	4	380,00	1.620	see Justification file
1.1.2 Administrative/ support staff									
1.1.2.1 Accountant	Per month	18	350	6.300	2.700	18	200,00	3.600	
1.1.2.1 Accountant					-880	4	220,00	880	This unit rate will increase because the Accountant will have an increased number of duties due to the absence of the Secretary.
1.2.2.1 Secretary	Per month	18	320	5.760	3.440	16	145,00	2.320	
1.2.2.1 Secretary					0	0	0,00	0	
1.2.2.3 Driver	Per month	14	250	3.500	0	14	250,00	3.500	
1.2.2.3 Driver					-1.360	4	340,00	1.360	This unit rate will increase because during the extension period the project will have several activities developed in Accra and several missions. Therefore the driver will be asked to spend several days out of the Project area and therefore will need to be paid accordingly (overnight allowances). In addition, a specific insurance will be made for the driver.
1.2.2.4 Cleaner	Per month	18	60	1.080	270	18	45,00	810	
1.2.2.4 Cleaner					-180	4	45,00	180	see Justification file
1.2.2.5 Watchman	Per month	20	206	4.120	820	20	160,00	3.200	
1.2.2.5 Watchman					-640	4	160,00	640	see Justification file
1.2 Salaries (gross amounts, expatriate/international staff)									
1.2.1 Assistant Expatriate project coordinator (COSPE)	Per month	18	3.200	57.600	3.600,00	18	3.000,00	54.000,00	
1.2.1 Assistant Expatriate project coordinator (COSPE)					-12.000,00	4	3.000,00	12.000,00	This amount will be necessary to cover the cost of the expatriate project coordinator salary during the extension period of four months (80% on 4 months)
1.2.2 Expatriate advisor on water and sanitation systems	Per month	6	4.000	24.000	4.000,00	5	4.000,00	20.000,00	
1.2.2 Expatriate advisor on water and sanitation systems					-4.000,00	1	4.000,00	4.000,00	
1.2.3 Project Coordinator (Italy)	Per month	18	3.200	57.600	6.840,00	18	2.820,00	50.760,00	see Justification file
1.2.3 Project Coordinator (Italy)					0,00	0	0,00	0,00	
1.3 Per diems for missions/travel⁴									
1.3.1 Abroad (staff assigned to the Action)									
1.3.1.1 Per diem for trainees (Italy)	man/day	40	100	4.000,00	0,00	40	100,00	4.000,00	



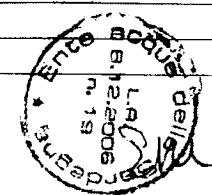
1.3.1.1 Per diem for trainees (Italy)					-1,000.00	10	100.00	1,000.00		As explained in the Justification file, this budget will allow the local project coordinator to participate and support the training planned to be implemented at Enas office in Italy with four of the technical staff of NEMA and JODA
1.3.2 Local (staff assigned to the Action)					0.00			0.00		
1.3.2.1 Per diem for short term trainers (Ghana)	man/day	40	120	4,800.00	600.00	36	120.00	4,200.00		
1.3.2.1 Per diem for short term trainers (Ghana)					-600.00	5	120.00	600.00		
1.3.2.2 Per diem for short term expert first testing (Ghana)	man/day	30	120	3,600.00	0.00	30	120.00	3,600.00		
1.3.2.2 Per diem for short term expert first testing (Ghana)					0.00			0.00		
1.3.2.3 Per diem for project Coordinator (Italy)	man/day	30	120	3,600.00	0.00	30	120.00	3,600.00		
1.3.2.3 Per diem for project Coordinator (Italy)					-480.00	4	120.00	480.00		Four days of Per diem to cover costs of stay in Ghana (see Justification file)
1.3.2.4 Per diem for Assistant Expatriate project coordinator	man/day	30	120	3,600.00	0.00	30	120.00	3,600.00		
1.3.2.4 Per diem for Assistant Expatriate project coordinator					-720.00	6	120.00	720.00		Six days among four months extension period for the per diem of the Expatriate project coordinator
1.3.2.5 Per diem for short term expert on management of watsan infrastructures (Ghana)	man/day	10	120	1,200.00	0.00	10	120.00	1,200.00		
1.3.2.5 Per diem for short term expert on management of watsan infrastructures (Ghana)					-480.00	4	120.00	480.00		Four days of Per diem to cover costs of stay in Ghana (see Justification file)
1.3.2.6 Per diem for short term expatriate advisors ENAS (Ghana)	man/day	50	120	6,000.00	1,200.00	40	120.00	4,800.00		
1.3.2.6 Per diem for short term expatriate advisors ENAS (Ghana)					-1,200.00	10	120.00	1,200.00		
1.3.3 Seminar/conference participants								0.00		
1.3.3.1 Per diem for participants to forums (regional and national)	man/day	203	15	3,045.00	1,845.00	80	15.00	1,200.00		
1.3.3.1 Per diem for participants to forums (regional and national)					-1,845.00	123	15.00	1,845.00		
Subtotal Human Resources				336,305.00	-3,890.00			346,195.00	-1.16%	
2. Travel										
2.1. International travel										
2.1.1 Flight Italy-Ghana-Italy for short term trainers	per flight	3	1,100	3,300	0.00	3	1,100	3,300		
2.1.1 Flight Italy-Ghana-Italy for short term trainers					-1,000.00	1	1,000	1,000		Added one flight to allow a mission to Ghana for a short term trainers of Enas during the extension period of project implementation (see Justification file)
2.1.2 Flight Italy-Ghana-Italy for short term expert for first testing	per flight	2	1,100	2,200	0.00	2	1,100	2,200		
2.1.2 Flight Italy-Ghana-Italy for short term expert for first testing					0.00	0	0	0		
2.1.3 Flight Italy-Ghana-Italy for short term consultant on management of watsan infrastructures	per flight	1	1,100	1,100	0.00	1	1,100	1,100		
2.1.3 Flight Italy-Ghana-Italy for short term consultant on management of watsan infrastructures					-1,000.00	1	1,000	1,000		Added one flight to allow a mission to Ghana for a short term consultant on management of watsan infrastructures during the extension period of project implementation (see Justification file)
2.1.4 Flight Italy-Ghana-Italy for Project Coordinator (Italy)	per flight	4	1,100	4,400	0.00	4	1,100	4,400		
2.1.4 Flight Italy-Ghana-Italy for Project Coordinator (Italy)					-1,000.00	1	1,000	1,000		Added one flight to allow a mission to Ghana for the Project Coordinator to participate to the National Forum that will be held by the first week of March 2014 (see Justification file)
2.1.5 Flight Italy-Ghana-Italy for Assistant Project Co-ordinator	per flight	4	1,100	4,400	0.00	4	1,100	4,400		
2.1.5 Flight Italy-Ghana-Italy for Assistant Project Co-ordinator					-1,100.00	1	1,100	1,100		Added one flight for the Expatriate project coordinator (see Justification file)
2.1.7 Travel Italy-Ghana-Italy for short term expatriate advisors ENAS	Per flight	4	1,000	4,000	0.00	4	1,000	4,000		
2.1.7 Travel Italy-Ghana-Italy for short term expatriate advisors ENAS					-992.12	1	992	992		Added one flight to allow a mission to Ghana for an Enas short term expatriate advisor to participate to the National Forum that will be held by the first week of March 2014 (see Justification file)
2.2.4 Flight Ghana-Italy Ghana for training at ENAS office	per flight	4	1,000	4,000	0.00	4	1,000	4,000		
2.2.4 Flight Ghana-Italy Ghana for training at ENAS office					-1,000.00	1	1,000	1,000		As explained in the Justification document, this budget will allow the local project coordinator to participate and support the training planned to be implemented at Enas office in Italy with four of the technical staff of NEMA and JODA
2.2 Local transportation								0		
2.2.1 Travel reimbursement for Ghana Water Company volunteers	man/day	100	30	3,000	1,800.00	40	30	1,200		
2.2.1 Travel reimbursement for Ghana Water Company volunteers					-1,800.00	60	30	1,800		
2.2.2 Travel reimbursement for participants to communities forums	man/day	444	20	8,880	1,780.00	355	20	7,100		
2.2.2 Travel reimbursement for participants to communities forums					-1,780.00	89	20	1,780		
2.2.3 Transport reimbursement for participants Watson Platform Building (30 people x 24 meetings)	man/day	560	10	5,600	100.00	550	10	5,500		
2.2.3 Transport reimbursement for participants Watson Platform Building (30 people x 24 meetings)					-100.00	10	10	100		
Subtotal Travel				40,880.00	-4,092.12			46,872.12	-14.90%	
3. Equipment and supplies										
3.1 Purchase or rent of vehicles										



3.1.1 Purchase of 4x4 vehicle	Per vehicle	1	17 076	17076	-561,53	1	17 637,53	17 637,53	
3.1.1 Purchase of 4x4 vehicle					0,00	0	0,00	0,00	
3.1.2 Purchase of motorbike	Per vehicle	2	2 500	5000	50,00	2	2 475,00	4 950,00	
3.1.2 Purchase of motorbike					0,00	0	0,00	0,00	
3.2 Furniture, computer equipment									
3.2.1. Desk Computer + printer (laser) + UPS	set	2	920	1840	708,45	2	565,78	1 131,55	
3.2.1. Desk Computer + printer (laser) + UPS					0,00	0	0,00	0,00	
3.2.2. Laptop + printer (inkjet)	set	2	455	910	-170,74	2	540,37	1 080,74	
3.2.2. Laptop + printer (inkjet)					0,00	0	0,00	0,00	
3.2.3. tables	per unit	3	128	384	-1,44	3	128,48	385,44	
3.2.3. tables					0,00	0	0,00	0,00	
3.2.4. file cabinets	per unit	2	490	980	-11,14	2	495,57	991,14	
3.2.4. file cabinets					0,00	0	0,00	0,00	
3.2.5. shelves	per unit	2	273	546	-4,63	2	275,32	550,63	
3.2.5. shelves					0,00	0	0,00	0,00	
3.2.6. GIS System	per system	1	4 973	4973	0,00	1	4 973,00	4 973,00	
3.2.6. GIS System					0,00	0	0,00	0,00	
3.2.7. Desk Computer + printer (laser) + UPS for GIS database	set	2	1 500	3000	0,00	2	1 500,00	3 000,00	
3.2.7. Desk Computer + printer (laser) + UPS for GIS database					0,00	0	0,00	0,00	
3.2.8. Laptop + printer (inkjet) for GIS database	set	2	800	1600	0,00	2	800,00	1 600,00	
3.2.8. Laptop + printer (inkjet) for GIS database					0,00	0	0,00	0,00	
3.2.9. Water kits for quality testing	per kit	3	10 000	30000	0,00	3	10 000,00	30 000,00	
3.2.9. Water kits for quality testing					0,00	0	0,00	0,00	
3.2.10. chairs	per unit	10	91	910	-7,71	10	92	917,71	
3.2.10. chairs					0,00	0	0	0,00	
3.3 Machines, tools...									
3.3.1. scanner	per unit	1	200	200	82,72	1	107	107,28	
3.3.1. scanner					0,00	0	0	0,00	
3.3.2. photocopy machine	per unit	1	500	500	382,72	1	107	107,28	
3.3.2. photocopy machine					0,00	0	0	0,00	
3.3.3. telephone/fax/internet connection	per unit	1	301	301	-104,06	1	405	405,06	
3.3.3. telephone/fax/internet connection					0,00	0	0	0,00	
3.3.4. video projector + screen	per unit	1	455	455	31,52	1	423	423,48	
3.3.4. video projector + screen					0,00	0	0	0,00	
3.3.5. blackboard	per unit	2	192	384	17,67	2	183	366,33	
3.3.5. blackboard					0,00	0	0	0,00	
3.3.6. generator	per unit	1	1 051	1051	-669,39	1	2 020	2 020,39	
3.3.6. generator					0,00	0	0	0,00	
3.4 Spare parts/equipment for machines, tools									
3.4.1. pc/photocopy machine spare parts	per month	17	100	1700	0,00	17	100	1 700,00	
3.4.1. pc/photocopy machine spare parts					-400,00	4	100	400,00	see justification file
3.4.2. vehicle spare parts (changing of tyres including)	per month	18	170	3060	360,00	18	150	2 700,00	
3.4.2. vehicle spare parts (changing of tyres including)					-600,00	4	150	600,00	see justification file
Subtotal Equipment and supplies				74 870,00	-1 177,54			76 047,56	-1,57%
4. Local office									
4.1 Vehicle costs									
4.1.1. Vehicle 4X4 insurance	per year	2	500	1000	0,00	1	1 000	1 000,00	
4.1.1. Vehicle 4X4 insurance	per month				-320,00	4	80	320,00	see justification file
4.1.2. Motorbike insurance	per year	2	300	600	84,08	1	536	535,81	
4.1.2. Motorbike insurance	per month				-260,00	4	65	260,00	see justification file
4.1.3. Fuel and oil for vehicle 4X4 and motorbikes	per month	19	1 200	22800	6 000,00	14	1 200	16 800,00	
4.1.3. Fuel and oil for vehicle 4X4 and motorbikes	per month				-2 840,00	4	710	2 840,00	see justification file
4.2 Office rent					0,00				
4.2.1 Project office rent	Per month	23	400	9200	0,00	23	400	9 200,00	
4.2.1 Project office rent	Per month				-2 400,00	4	600	2 400,00	During the four months extension, the renting rate has increased because of general increasing of renting costs in the Western Region and because of the short period of office rent (only four months).
4.3 Consumables - office supplies					0,00			0,00	



4.3.1 Office supplies	Per month	24	100	2400	0,00	24	100	2.400,00	
4.3.1 Office supplies	Per month				-320,00	4	80	320,00	see Justification file
4.4 Other services (tel/fax, electricity/heating, maintenance)					0,00			0,00	
4.4.1. telephone/fax/Internet	Per month	24	250	5000	3.800,00	20	110	2.200,00	
4.4.1. telephone/fax/Internet	Per month				-440,00	4	110	440,00	see Justification file
4.4.2. electricity	Per month	22	35	770	470,00	20	15	300,00	
4.4.2. electricity	Per month				-100,00	4	25	100,00	The unit rate will be increased during the extension period because of a general increasing at national level of energy. However, it will remain less expensive then initially planned
4.4.3. office maintenance	Per month	22	90	1980	0,00	22	90	1.980,00	
4.4.3. office maintenance	Per month				-360,00	4	90	360,00	see Justification file
Subtotal Local office				44.750,00	3.284,09			41.455,91	7,38%
6. Other costs, services*									
5.1 Studies, research*									
5.1.1 Short term consultant expatriate advisor on watsan planning	Per month	4	4.300	17200	336,00	4	4216	16864	This budget line results with a saving of about 336 euros due to a reduced cost of the short term consultant expatriate advisor on watsan planning (see Justification file)
5.1.1 Short term consultant expatriate advisor on watsan planning					0,00	0	0	0	
5.1.2 Short term consultant on capacity building	per day	80	200	16000	0,00	80	200	16000	
5.1.2 Short term consultant on capacity building					-1.400,00	7	200	1400	
5.1.3 Technical consultant for elaboration of GIS database	per month	4	2.995	11980	8.500,00	1	3.380	3380	ENAS made available one internal human resource to create the GIS data base in collaboration with an external expert This has reduced the cost of this budget line (see Justification file)
5.1.3 Technical consultant for elaboration of GIS database					0,00	0	0	0	
5.1.4 Short term consultant on development of IEC strategies and materials	per day	100	118	11800	0,00	100	118	11800	
5.1.4 Short term consultant on development of IEC strategies and materials					0,00	0	0	0	
5.2 Expenditures verification								0	
5.2.1 Audit costs	per audit	2	5.000	10000	0,00	2	5.000	10000	
5.2.1 Audit costs					0,00	0	0	0	
5.3 Evaluation costs									
5.3.1 Consultancy missions (mid and final evaluation)	per day	30	300	9000	0,00	30	300	9000	
5.3.1 Consultancy missions (mid and final evaluation)					0,00	0	0	0	
5.4 Translation, interpreters					0,00			0	
5.4.1 Interpreters(Nzema/English/Italian)	per day	185	25	4625	0,00	185	25	4625	
5.4.1 Interpreters(Nzema/English/Italian)					0,00	0	0	0	
5.5 Financial services (bank guarantee costs etc.)									
5.5.1 Bank expenses	per month	18	30	540	0,00	18	30	540	
5.5.1 Bank expenses					-120,00	4	30	120	See Justification file
5.6 Visibility actions*									
5.6.1 Regional forum on 'Small Town and rural Water Management'	per day	2	1.500	3000	449,59	2	1.275	2550,41	
5.6.1 Regional forum on 'Small Town and rural Water Management'					0,00	0	0	0	
5.6.2 National forum on 'Small Town and rural Water Management'	per day	2	2.000	4000	0,00	2	2.000	4000	
5.6.2 National forum on 'Small Town and rural Water Management'	per day				0,00	0	0	0	
5.6.3 Leaflet on water and sanitation facilities maintenance	per copy	800	1	800	0,00	1	800	800	
5.6.3 Leaflet on water and sanitation facilities maintenance					0,00	0	0	0	
5.6.4 Radio and TV talk show	per day	10	250	2500	2.000,00	2	250	500	
5.6.4 Radio and TV talk show					-2.000,00	4	250	1000	
Subtotal Other costs, services				91.445,00	7.865,59			83.579,41	8,60%
B. Other									
6.1 Watsan Platform building									
6.1.1. Venues, stationery, materials for workshops	per day	50	80	4000	1.040,00	37	80	2.960	
6.1.1. Venues, stationery, materials for workshops					-1.040,00	13	80	1.040	
6.1.2. Venues, stationery, materials for community forum (15 communities x 3 forum each)	per day	45	40	1800	440,00	34	40	1.360	
6.1.2. Venues, stationery, materials for community forum (15 communities x 3 forum each)					-440,00	11	40	440	
6.1.3. Per diem (catering) for participants to training (food,accommodation and travel allowance) 180people x 15days Ghana	man/day	270	30	8100	1.200,00	230	30	6.900	
6.1.3. Per diem (catering) for participants to training (food,accommodation and travel allowance) 180people x 15days Ghana					-1.200,00	40	30	1.200	



6.1.4 Information materials and dissemination of guidelines on water & sanitation policies and interventions	per copy	700	44	8800	6.720,00	70	44	3.080		
6.1.4 Information materials and dissemination of guidelines on water & sanitation policies and interventions					-5.720,00	130	44	5.720		
6.1.5. Food/refreshment for participants to watsan meetings (30 people x 24 meetings)	man/day	640	7	4480	1.470,00	430	7	3.010		
6.1.5. Food/refreshment for participants to watsan meetings (30 people x 24 meetings)					-1.470,00	210	7	1.470		
6.1.6. Per diem (catering) for participants to training on budgeting and financing planning(food,accomodation and travel allowance) 9people x 8days Ghana	man/day	72	40	2880	480,00	60	40	2.400		
6.1.6. Per diem (catering) for participants to training on budgeting and financing planning(food,accomodation and travel allowance) 9people x 8days Ghana					-480,00	12	40	480		
6.2 Maintenance and Testing										
6.2.1 Food/refreshment for participants to training and tutors (9 people x 60 days + 2 tutors)	man/day	440	8	3520	3.040,00	60	8	480		
6.2.1 Food/refreshment for participants to training and tutors (9 people x 60 days + 2 tutors)					-3.040,00	380	8	3.040		
6.2.2 Workshops for the definition of a protocol for water quality management (per diem for participants, catering) 15 days X 9 people	man/day	88	60	5280	1.980,00	55	60	3.300		
6.2.2 Workshops for the definition of a protocol for water quality management (per diem for participants, catering) 15 days X 9 people					-1.980,00	33	60	1.980		
6.3 Education and Sensitisation										
6.3.1. IEC materials for schools and communities on environment related diseases (leaflet, t-shirts, stickers.)	per copy	2.000	5	10000	2.800,00	1.500	5	7.500		
6.3.1. IEC materials for schools and communities on environment related diseases (leaflet, t-shirts, stickers.)					-2.800,00	500	5	2.500		
Subtotal Other				48.880,00	0,00			48.880,00	0,00%	
7. Subtotal direct eligible costs of the Action (7-8)				837.110,00	0,00			837.110,00		
8. Provision for contingency reserve (maximum 5% of 7, subtotal of direct eligible costs of the Action)				27890				27.890		
9. Total direct eligible costs of the Action (7+ 8)				865.000,00	0,00					
10. Administrative costs (maximum 7% of 9, total direct eligible costs of the Action)				46000				46.000		
11. Total eligible costs (9+10)				711.000,00	0,00			711000,00		

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SERVIZIO STUDI
 Direttore
 Ing. Eugenia Murru

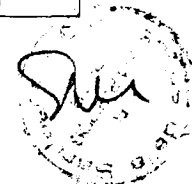


Phase-out plan for Extension period of four months according to the Project Logical Framework

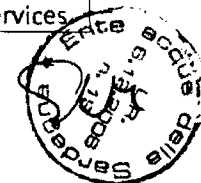
General Objective	Contributing to the improvement of living conditions of Ghanaian populations by increasing the accessibility of water and sanitation basic facilities as a critical mean in achieving favorable outcomes, facilitate economic growth and sustainable poverty reduction.	
Specific Objective	Strengthening the local water and sanitation governance system in planning, monitoring and coordinating to upgrade the efficiency of the services in the Nzema East Municipal Area and the Jomoro District.	
<u>Result n.1</u>	NEMA and JODA constituted and equipped local platforms to co-ordinate governmental and non-state actors involved in the implementation of the strategic plans on water and sanitation.	The two platforms have been constituted during the project implementation and in the coming days they will elect their chairmen and secretaries. During the extension period the Project will supervise the work of the Platforms' representatives, providing them with the basic logistical aspects and supporting the 'backstage' of all Platforms' activities. The Platforms will therefore be directly responsible for the development of all coordinating, technical and community activities planned to be implemented within the first three years Integrated Strategic Plan. The Plan has been elaborated during the last year by the Platforms' members in order to coordinate and harmonize all efforts of the several actors involved in the water and sanitation sector in the Western Region, in order to avoid duplication or waste of resources and to meet the real needs of the population. During the next four months the Project will therefore test and monitor the capacity of the two WatSan Platform of coordinating the actor members and stakeholders, and playing an active role for water and sanitation decision making and service provision.
R1 A1	Training and technical assistance to NEMA and JODA public officers on participatory planning, sustainable management and monitoring of water and sanitation services.	The trainings on strategic planning methods, participatory processes of need assessment and planning, and monitoring practices on Water and Sanitation have been developed. At this stage the two technical teams that have been trained and all officers involved will be monitored on



		<p>the actual implementation on the field of the procedures learnt, applying the strengthened technical expertise to have effective monitoring and maintenance of Watsan Infrastructures and services. The Project Management Unit and the staff of GWCL involved in the project will supervise the technical staff in elaborating specific plans and strategies to be included in the Water and Sanitation plan of the two Assemblies.</p>
R1 A2	<p>Organisation of community forums to present and discuss the contents and possible integrations to the strategic plans on water and sanitation.</p>	<p>The community forums are informal meetings traditionally held to discuss issues concerning the welfare, the basic services, and sometimes the conflicts affecting the whole community, and to organize communal labour for the preparation of traditional ceremonies, clean-up the streets and drains, rehabilitate underutilized facilities, including water facilities. Through the support of the SOURCE Project staff the traditional authorities or the assemblymen have improved their capacities to have a real inclusive decisional process that have to be adopted by the 2 Watsan Platforms. During the next four months the Project staff will supervise the implementation of these tradition meetings to ensure all best practices and methods will be actually implemented. In addition, during the three rounds of communities forums already implemented, community representatives have been identified. They will now be responsible for the involvement of all community members not only during the mentioned meetings, but also during all activities as communal labour that have been previously identified to support the monitoring of the watsan facilities and the provision of the related services.</p>
R1A3	<p>Creation of 2 local WATSAN platforms in the JODA and NEMA territories which includes local administration representatives, community level committees, NSA, and private actors.</p>	<p>The platforms act as coordinating boards among different stakeholders and as the reference bodies whereby there will be discussions through community forums on the water and sanitation plans or technical discussion on WatSan policies, services and protocols. The Platforms have been assisted in elaborating a constitution and a regulation for the coordination of the meetings and with the individual institutions. During the coming months particular attention will be put in assisting the new platforms in establishing a transparent and active communication system to help stakeholders involved in water and</p>



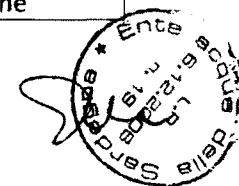
		sanitation issues to access policies and plans to orient interventions. Since the WatSan Platforms have already established, a reporting system to create awareness among stakeholders and beneficiaries communities information will be disseminated. This mechanism will also improve the coordination at regional level and the decentralisation of the water and sanitation services.
R1 A4	Training of public officers of JODA and NEMA on budgeting for WatSan services and coordinating with the internal revenue service	Training activities have been organised to cover topics as financial planning and budgeting, recovery strategies for public services, eco-financial sustainability assessment, monitoring tools for financial cost recovery. In the coming months follow-up activities will be implemented, where the trainees' officers will be monitored and provided on the job technical assistance to utilize planning tools they have acquired during the trainings. The Ghanaian association ISODEC (Integrated Social Development Centre) that has been involved in the facilitation of the trainings is also supporting District Assemblies with exercises of Participatory Budget Analysis. As a component of the Integrated WatSan Plans both a protocol for the Operation and Maintenance, and for the cost recovery at the community level will be included. The Project is currently working with the Planning and Budgeting Officers of the Assemblies in order to include most components of the Platforms Strategic Plans budgets into the new Middle Term Development Plan (2014-2016) of the two Assemblies. This will guarantee sustainability to the two Platforms, even if they will continue to strengthen their skills in project planning and fundraising to be able to implement all activities planned in their Plans. The Project will support them in developing all these aspects and ensure their capacities to continue these activities after the project will end.
<u>Result n.2</u>	NEMA and JODA technical teams acquired knowledge and adopted specific procedures to monitor and maintain basic WatSan infrastructures, and to test the water quality.	The project will provide the two technical teams of the Assemblies with the elaboration of new basic procedures for monitoring and maintenance and for water quality testing. Once these procedures will be ready in the next few weeks, the Project will then supervise the technical staff (DWST) in implementing all action among the several communities of the Nzema area.
R2 A1	Participatory and technical assessment of the existing	In order to ensure that project-supported water and sanitation services



	facilities in the districts with support from private area mechanism.	meet existing needs, a participatory appraisal has been conducted with particular attention to consult representatives of vulnerable groups (poorest residents, women, youth) in order to secure their involvement and the collection of their priorities and services' needs. These meetings have been necessary for the establishment of monitoring and maintenance protocols and procedures. During the coming months the Project will supervise the technical teams of the two Assemblies and the watsan committees in the implementation of such protocols.
R2 A2	Training and equipment of the municipal/district teams on testing of the procedure for water quality from existing boreholes, streams and on along the coasts.	The training has mainly been in the form of learning by doing, and ENAS technical staff and experts assisted the local technicians in implementing a monitoring activity with low, but more effective technologies. Several sampling of water in the sensitive points previously established (wells, rivers in the vicinity of the village and/or near a hazard centers close to populated places as open dumps, industrial areas, and so on) have been taken and will continue to be collected to develop analysis of the chemical-physical and microbiological most significant parameters. Monitoring activities will continue to be conducted through the purchase of scientific instruments and the use of field analytical kits for the measurement of the parameters. Enas laboratory and GWCL laboratory will also be involved for those specific analyses that are needed. The 2 technical teams involved in the training will be fully equipped with a specific range of tools and kits (partially already delivered and under use). The monitoring of water quality analysis will be followed by a period of 15 days for 4 members of the local technical teams in Italy, at the ENAS laboratory, where they will be followed by ENAS technicians in upgrading their level of qualitative analysis and the organisation of the monitoring activities. During their stay in Italy the technical teams supported by the local project coordinator will also learn on the way data coming from the analysis have to be recorded and updated in the database. ENAS will also support GWC in integrating the monitoring and maintenance protocol they are using, in order to include also the new procedures they have learned through the project.
R2 A3		The database presently under use by the two District/Municipal



	Updating and Upgrading the Database of the District Assemblies with information on all the WatSan facilities and water quality testing.	Assemblies have been technically upgraded to contain all the data concerning the assessment on WatSan facilities, the results of the test of water quality, the Geospatial Information System (GIS) to archive of the reference locations of all water and sanitation facilities, and to support monitoring activities and maintenance. To be sustainable and used by the Assemblies the use and constant update of this tool needs to be monitored and supervised. The software and the databases have been upgraded by ENAS technical staff, and will be integrated with a GIS System Programme, in collaboration with GWC staff that will also train and assist technically for at least a period of 30 days the staff of the two local authorities after its installation and delivery to the two local authorities.
R2 A4	Activation of a 'coaching system' for the community-based teams on monitoring and maintenance of WatSan facilities	ENAS experts and GWC local staff are supporting the District/Municipal teams in elaborating a training format for field staff responsible at the district and community level for the maintenance and monitoring of the WatSan facilities. Such format takes in consideration also the low level of literacy of the members of the community-based water committees. A first utilization of the training format and materials developed will be tested with the water committee of each district selected in the sample for the assessment of the facilities and the test of water quality. ENAS experts and COSPE will supervise respectively the efficacy of the transfer of the more technical contents and the community mobilization, for the coming period of 3 months. The supervision of the use of the elaborated technical procedures and protocols for maintenance, monitoring and quality testing, inserted in the 2 WatSan Plan, is necessary to ensure that all these management and monitoring tools will be utilized with continuity by the local technical staff after the project end.
Result n.3	NEMA and JODA acquired skills to inform and educate the citizens on how to prevent water related diseases and how to manage water and sanitation basic infrastructures.	Education and sensitization programmes have been developed and NEMA and JODA officers have acquired and strengthened skills on methods to approach communities and educate citizens on preventive best practices to avoid water related diseases. During the coming months, the project will supervise the implementation of further meetings at community level to monitor the effectiveness of the



		educational programmes developed so far. An internal evaluation will then allow us to address eventual weakness.
R3 A1	Training of the two WatSan platforms on the development of IEC strategies, activities and materials.	The members of the two platforms have been trained by GWS and COSPE local facilitators on basic Information, Education and Communication techniques to approach different target groups: public and private actors, formal and informal organized associations, community members, individual users of WatSan facilities and WatSan committees members. IEC strategies and materials to be integrated as part of the WatSan Integrated Strategic Plans of the two platforms have been developed and during the extension period these tools will be tested on the field by the Platforms members and the NEMA and JODA facilitators. These coming community meetings will allow us to address eventual weakness in the material that has been produced or on the strategy that has been defined.
R3 A2	Organisation of user education workshops on the management of basic WatSan infrastructures with 5 community target groups	The meetings have been called and organized according to the previous (and also traditional) way of involving the community members, but the facilitation techniques and the materials utilized have been the ones developed through the IEC training and workshops, collectively developed by the WatSan members. The next user education meetings that will be developed during the extension period of project implementation will serve as a way to test both the quality of the developed tools, and also the capacity acquired by the individual team members (NEMA and JODA facilitators, community representatives, technical teams staff, and so on). After each meeting, self-evaluation meetings will be organized with the members of the technical teams, to encourage the establishment of internal monitoring and evaluation, to ensure improved awareness on the link between health and hygiene and therefore to enhance behavioral changes at community level.
R3 A3	Organisation of regional and national forums on 'small towns and rural WatSan integrated management'	The action has been identified and will be implemented as replicable in all those contexts in West Africa and outside the Region, which are rural and with non-natural scarcity of water resources. For this reason S.O.U.R.C.E. will include this specific activity of visibility and communication at the national level. The national forum will be organised in Accra by the first week of March 2014, and so in the final



		<p>phase of the whole action. It will involve a variety of institutional, public and private actors, and NSA, active in the field of WatSan services, but also on environment (Ministry of Environment, Environmental Protection Agency) waste management, Health (Ministry of Health, Hospital Services), aiming at activating opportunities of exchanging practices and coordinating in supporting to the development of the WatSan sector. During this event all the achieved results of the SOURCE project will be presented and discussed, to put into evidence the elements of duplicability in other rural and small urban context. The national forum will also be the formal closure of the national campaign on the importance of good WatSan governance that has been launched during the Regional Forum held in March 2013 in Takoradi.</p>
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As detailed in the project document, internal follow-up and self-evaluation tools have included and will continue to include: weekly staff meetings to review and plan current activities; awareness and capacity buildings sessions for the staff, the Platforms members, and the Assemblies officers; management committees to include needs and priorities of the local communities and propose, monitor and counsel accordingly tha will from now on mainly implemented by the NEMA and JODA Facilitaros, the Platforms members and the two technical teams with the supervision of the Project Coordinating Unit and staff; focus groups for specific problems or themes with all Project partners staff and stakeholders.

The project staff will have a different role during the extension period in relation to what has done so far. The Project management unit and staff will monitor and supervise actions that will have to be implemented mainly by those beneficiaries of the action that have been trained and involved in the project development. The project staff will be constantly available to support logistical aspect and to address eventual obstacles and weakness, enhancing commitment and social mutual accountability among local authorities, private sector, NSA and citizens (upward and downward).

Considering that the action is based on the empowerment of the local authorities and of their relations with water utilities and the communities, in particular during this extension period the activities will be focused on promoting the sense of ownership. All the infrastructures assessed and monitored in the action are for the communities and the communities' members, the technical staff and watsan committees have the full responsibility for their maintenance. For this reason the action of ENAS end the other Partner wants to test and monitor the use of the provided skills and knowledge required to perform their duty at best.

The image shows a handwritten signature in black ink over a circular official stamp. The stamp contains the text 'Special Representative of the Secretary-General for Water and Sanitation' around its perimeter.

The action will also enhance the link with the existing structures at regional and national level for the Operational & Monitoring of the Integrated Strategic plan, in order to be more efficient and to reduce the situation of failure due to poor maintenance.

The presence of Ghana Wildlife Society and the Sanitation Improvement Platform for Axim, Ghanaian associations with experience and sensibility towards the environmental impact of WatSan facilities and community-based activities, and of COSPE that is active at community level in the Western region since 1999, provide guarantees of 'internal monitoring' on sustainability and long term impact.

In addition, the approach is integrated at several levels of the tackled problems: the access to safe water and the implementation of basic sustainable sanitation services and monitoring systems that are conceived as common ground of intervention; capacity building activities with the public officers, assessments with the communities, structural interventions and IEC activities are all complementary in building a pilot experience, on the one side, and in preparing the ground to make it sustainable and also visible, so that duplicating effects can be envisaged; the integrated approach of the various stakeholders active in the sector, through coordinating their activities and upgrading common planning, monitoring and information delivery. During the coming four months all the above mentioned aspects will be strengthened to ensure their implementation also after the project will end and to guarantee a better and longer impact.

SERVIZIO STUDI
Il Direttore
Ing. Eugenia Munu



Annex III. Budget for the Action¹	All Years-New budget	ENAS Tot.+Cofin	Cospe Tot.+Cofin.	GWS Totale
1.1.1.1. Local project coordinator	30.300			
1.1.1.2. Technical Assistant on water and sanitation (2)	21.600			
1.1.1.3. Environmental Health officer (2)	21.600			5200
1.1.1.4. Trainer on management of watsan facilities	9.000	9000		
1.1.1.5. Trainer on monitoring of watsan facilities	13.500	13500		
1.1.1.6. Trainer on water quality testing and monitoring	9.000	9000		
1.1.1.7. Technical expert for first testing of water samples	12.900	12900		
1.1.1.8. Expert on management of watsan infrastructures	6.000	3000		
1.1.1.9. Technical trainer in Italy (ENAS office)	8.600	8600		
1.1.1.10. Community Laison officer (2)	18.000		8.016	9984
1.1.2.1 Accountant	4.400		4.400	
1.2.2.1 Secretary	2.320		2.320	
1.2.2.3 Driver	4.860		4.860	
1.2.2.4 Cleaner	990		990	
1.2.2.5 Watchman	3.840		3.840	
1.2.1 ENAS project coordinator (Italy)	50.760	50760		
1.2.2 Expatriate advisor on water and sanitation systems	24.000	24000		
1.2.3 Assistant Expatriate project coordinator	66.000		66.000	
1.3.1.1 Per diem for trainees (Italy)	5.000	5000		
1.3.2.1 Per diem for short term trainers (Ghana)	4.800	4800		
1.3.2.2 Per diem for short term expert first testing (Ghana)	3.600	3600		
1.3.2.3 Per diem for Project Coordinator (Italy)	4.080	4080		
1.3.2.4 Per Diem for Assistant Expatriate Project Coordinator (COSPE)	4.320		4.320	
1.3.2.5 Per diem for short term expert on management of watsan infrastructures (Ghana)	1.680	1680		
1.3.2.6 Per diem for short term expatriate advisors ENAS (Ghana)	6.000	6000		
1.3.3.1 Per diem for participants to forums (regional and national)	3.045	2045		1000
2.1.1 Flight Italy-Ghana-Italy for short term trainers	4.300	4300		
2.1.2 Flight Italy-Ghana-Italy for short term expert for first testing	2.200	2200		
2.1.3 Flight Italy-Ghana-Italy for short term consultant on management of watsan infrastructures	2.100	2100		
2.1.4 Flight Italy-Ghana-Italy for Project Coordinator (Italy)	5.400	5400		
2.1.5 Flight Italy-Ghana-Italy for Assistant Project Coordinator	5.500		5500	
2.1.7. Travel Italy-Ghana-Italy for short term expatriate advisors ENAS	4.992	4992		
2.2.4 Flight Ghana-Italy Ghana for training at ENAS office	6.000	6000		
2.2.1 Travel reimbursement for Ghana Water Company volunteers	3.000			
2.2.2. Travel reimbursement for participants to communities forums	8.880		6.380	2500
2.2.3. Transport reimbursement for participants Watsan Platform Building (30 people x24 meetings)	5.600		4.700	

3.1.1 Purchase of 4x4 vehicle	17.638	17.638		
3.1.2 Purchase of motorbike	4.950	4.950		
3.2.1 Desk Computer + printer (laser) + UPS	1.132	1.132		
3.2.2 Laptop + printer (inkjet)	1.081	1.081		
3.2.3 tables	385	385		
3.2.4. file cabinets	991	991		
3.2.5. shelves	551	551		
3.2.6. GIS System	4.973	4.973		
3.2.7. Desk Computer + printer (laser) + UPS for GIS database	3.000	3.000		
3.2.8. Laptop + printer (inkjet) for GIS database	1.600	1.600		
3.2.9. Water kits for quality testing	30.000	30.000		
3.2.10. chairs	918	918		
3.3.1. scanner	107	107		
3.3.2. photocopy machine	107	107		
3.3.3. telephone/fax/internet connection	405	405		
3.3.4. video projector + screen	423	423		
3.3.5. blackboard	366	366		
3.3.6. generator	2.022	2.022		
3.4.1. pc/photocopy machine spare parts	2.100	2.100		
3.4.2. vehicle spare parts (changing of tyres including)	3.300	3.300		
4.1.1. Vehicle 4X4 insurance	1.288	1.288		
4.1.2. Motorbike insurance	819	819		
4.1.3. Fuel and oil for vehicle 4X4 and motorbikes	19.638	7.628	2810	4300
4.2.1 Project office rent	11.610	11.610		
4.3.1 Office supplies	2.720		2.719,92	
4.4.1. telephone/fax/internet	2.640		2.640	
4.4.2. electricity	400		399,84	
4.4.3. office maintenance	2.340		2.340	
5.1.1 Short term consultant expatriate advisor on watsan planning	16.864	16.864		
5.1.2 Short term consultant on capacity building	17.400		17400	
5.1.3 Technical consultant for elaboration of GIS database	3.380	3.380		
5.1.4 Short term consultant on development of IEC strategies and materials	11.800		11800	
5.2.1 Audit costs	10.000	10.000		
5.3.1 Consultancy missions (mid and final evaluation)	9.000		9000	
5.4 Translation, interpreters	4.625		4625	
5.5.1 Bank expenses	660	660		
5.6.1 Regional forum on 'Small Town and rural Water Management'	2.550		2550	
5.6.2 National forum on 'Small Town and rural Water Management'	4.000		1000	3000

5.6.3 Leaflet on water and sanitation facilities maintenance	800			800
5.6.4 Radio and TV talk show	2.500		1500	1000
6.1.1. Venues, stationery, materials for workshops	4.000		4000	
6.1.2 Venues, stationery, materials for community forum (15 communities x 3 forum each)	1.800		1800	
6.1.3 Per diem (catering) for participants to training (food, accomodation and travel allowance) 18people x 15days Ghana	8.100		8100	
6.1.4 Information materials and dissemination of guidelines on water & sanitation policies and interventions	8.800		8800	
6.1.5 Food/refreshment for participants to watsan meetings (30 people x 24 meetings)	4.480		4480	
6.1.6 Per diem (catering) for participants to training on budgeting and financing planning(food, accomodation and travel	2.180		2180	
6.2.1 Food/refreshment for participants to training and tutors (9 people x 60 days + 2 tutors)	3.520		3520	
6.2.2 Workshops for the definition of a protocol for water quality management (per diem for participants, catering) 15 days X 9 people	5.280		5280	
6.3.1. IEC materials for schools and communities on environment related diseases (leaflet, t-shirts, stickers.)	10.000		9.000	1000
8 Provision for contingency reserve (maximum 5% of 7, subtotal of direct eligible costs of the Action)	27.890	27.890		
10 Administrative costs (maximum 7% of 9, total direct eligible costs of the Action)	46.000	40.000	6.000	
11. Total eligible costs (9+10)	711.000	378.145	223.271	28.784