

Project: Integrated Hot Spots Management and Saving the Living Black Sea – HOT BLACK SEA.

2.2.1.72761.225 MIS-ETC 2303

GROUP OF ACTIVITIES 1			
G R O U P o f A C T I V I T I E S 1	Name	Harmonization of Hot Spots policies	
	Responsible partner(P):	ICPE-CA & Burgas Municipality	
	Involved partners	All partners will be involved	
	Aim and purpose (general description of the GA)	The overall aim of this GA is to contribute to harmonization of policies of Black Sea coastal states in the field of hot spots management. The GA will work to achieve common understanding of the terms ‘hot spot’ and ‘sensitive area’, and to elaborate regional criteria for identification and prioritization of hot spots. The GA will attend the needs in rivers monitoring harmonization in cooperation with the EuropeAid project (Component A, 2012-2015), and the needs in development of standards for discharges based on ‘market’ instruments. The GA will identify other needs in hot spots management harmonization and will produce recommendations how to address them.	
	Activities description		Partners involved
	Activity 1:	Identification of the needs in harmonization of hot spots management based on stakeholders consultation and lessons learned from previous relevant projects/programs	All partners
	Activity 2:	Revision and finalization of the draft regional Methodology for identification and prioritization of Hot Spots	All partners
	Activity 3:	Rivers monitoring strategies harmonization	All partners
	Activity 4:	Promotion of market-based instruments for water pollution control based on examination of International experiences in view of their relevance to the Black Sea coastal states	All partners
	Expected outputs (quantified)		
Months 1-4	Review of national legislation/policy and institutional framework in the field of hot spots management and lessons learned from previous projects/programs		
Months 4-8	Report on gap analysis in hot spots management, identification of harmonization needs in between EU and non-EU member states, stakeholders consultation (relevant workshop is envisaged in GA4), recommendations.		
Months 9-12	Promotion of the findings of the Gap Analysis and recommendations for harmonization at the level of relevant authorities (by e-mail and during relevant meetings)		
Months 5-20	Revision of the draft regional Hot Spots Methodology (Workshops in GA4), including its testing (under GA2) and incorporation of lessons learned		

Months 20-24	Final version of the Hot Spots Methodology and promotion at the level of relevant authorities. Electronic version, promoted for adoption by the BSC and publication on the web page of the BSC.
Months 6-9	Review of the national rivers monitoring programs and methods for calculation of loads
Months 10-18	Report on gap analysis of rivers monitoring, needs in harmonization of strategies, recommendations for harmonization (elaborated in cooperation with EuropeAid project).
Months 18-20	Promotion of the recommendations (rivers monitoring harmonization) at the level of the relevant authorities (by e-mail and during relevant meetings)
Months 14-17	Examination of International experiences on use of market-based instruments for water pollution control in view of their relevance for the Black Sea coastal states
Months 17-22	Guideline on BEPs and BATs to promote the development of economic incentives in the field of hot spots management and market-based standards for water pollution control. Guideline published electronically on relevant web pages and in hard copy (100)
Months 23-24	Dissemination of the Guideline at the level of relevant authorities
Expected results (listed; if possible, quantified)	
Expected results are:	
<ol style="list-style-type: none"> 1. Gaps in hot spots management and needs in harmonization identified. 2. Hot Spots identification and prioritization in the Black Sea region harmonised (in the long-term run) 3. Gaps in rivers monitoring and needs in harmonization identified 4. Rivers monitoring strategies harmonised (in the long-term run) 5. Use of market-based instruments for water pollution control promoted 	

GROUP OF ACTIVITIES 2			
G R O U P o f A C T	Name	Identification, evaluation and prioritisation of hot spots	
	Responsible partner (P): Partner no 2	TUBITAK-MARMARA RESEARCH CENTER	
	Involved partners	All partners will be involved	
	Aim and purpose (general description of the GA)	The aim of this GA is to test the Hot Spots Methodology (GA1) in practice and help in its improvement, to support GA3 in identification of gaps in data/information in the field of hot spots monitoring, to contribute to the update of lists of hot spots in Georgia and Ukraine, and to verify the updated lists of Bulgaria, Romania and Turkey.	
	Activities description		Partners involved
	Activity 1:	State of the art of the Hot Spots monitoring and ambient environment, relevance for identification of most threatened areas in the Black Sea	All partners
	Activity 2:	Collection of data in the beneficiary countries, management of data	All partners
	Activity 3:	Determination of the areas under largest threat of pollution (update of the knowledge)	All partners
	Activity 4:	Testing of the methodology (selected studies)	TUBITAK, OC
	Activity 5:	Update of Hotspots lists in Georgia and Ukraine	TUBITAK, OC, FCE
Activity 6:	Verification of the updated lists in BG, RO and TU	TUBITAK, OC, Burgas Municipality	

I V I T I E S	Activity 7:	Promotion of the updated lists at the level of relevant authorities	All partners
	Expected outputs (quantified)		
	Months 1-5	Report on the state of the art of the Hot Spots monitoring and ambient environment, relevance for identification of most threatened areas in the Black Sea (input to GA3 for preparation of report on gaps in data/information).	
	Months 5-11	Collation of data (for update/verification of hot spots and identification of areas of largest threat) in the beneficiary countries (input to GA3)	
	Months 9-12	Determination of the areas under largest threat of pollution (update of the knowledge). Maps of areas under largest threat of pollution.	
	Months 13-18	Testing of the methodology (selected studies)	
	Months 16-19	Report on the updated hot spots list in Georgia and Ukraine	
	Months 18-21	Report on verification of the updated lists for Bulgaria, Romania and Turkey	
	Months 21-24	Promotion of the updated lists at the level of responsible authorities	
	Expected results (listed; if possible, quantified)		
<p>The expected results are:</p> <ol style="list-style-type: none"> 1. Knowledge on the state of the art of the Hot Spots monitoring and ambient environment updated and increased 2. Areas under largest threat of pollution identified 3. Hot spots list in Georgia and Ukraine updated 4. Hot spots list in Bulgaria, Romania and Turkey verified 			

GROUP OF ACTIVITIES 3				
G R O U P o f A C T I V I T I E	Name	Hot Spots Data Base in support of decision-making and investment planning		
	Responsible partner (P): Partner 6	SuRDEP		
	Involved partners	All partners will be involved		
	Aim and purpose (general description of the GA)	The overall aim of this GA is to provide the tool for informed decision-making in the field of hot spots management and investment planning		
	Activities description		Partners involved	
	Activity 1:	Development of the Concept of the Data Base based on stakeholders consultation and availability of data/information (Link to GA4)	All partners	
	Activity 2:	Development of the Hot Spots Data Base, testing, population with data (Link to GA2)	SuRDEP, OC	
	Activity 3:	Promotion of the Hot Spots Data Base, sustainability of use (Link to GA4)	All partners	
	Activity 4:	On-line Hot Spots Data Base	SuRDEP, OC	
	Expected outputs (quantified)			
Months 1-6	Report on the Hot Spots Data Base concept, and on end-users identification			
Months 5-12	Report on availability of data verification (GA2 input), options for sustainable use of the Data Base, development of the ownership of the data base to provide for its sustainable use of the product. Report on the data availability and serious gaps which need urgent attention. Communication of the report at the level of relevant authorities.			
Months 7-20	Development of the Hot Spots Data Base, testing, further development of ownership, population with data			

S 3	Months 21-23	Installation and functioning of the Hot Spots Data Base on-line, Manual on the Data Base use/exploitation/management (Exploitation guide)
	Expected results (listed; if possible, quantified)	
	<p>The expected results are:</p> <ol style="list-style-type: none"> 1. Hot Spots Data Base functioning, used and sustained 2. Informed decision-making in Hot Spots management improved 3. Data/information base of investment planning improved 4. Knowledge on Gaps in data/information increased and communicated 	

GROUP OF ACTIVITIES 4			
G R O O P o A C T I V I T E S 4	Name	Increasing sector expertise	
	Responsible partner (P): Partner 4	Oceanological Center	
	Involved partners	All partners will be involved	
	Aim and purpose (general description of the GA)	<p>The overall aim of this GA is to contribute to a cleaner environment in the Black Sea Basin by increasing the competence and awareness of relevant stakeholders on integrated and sustainable management of Hot Spots. The specific aims of the GA are as follows:</p> <ol style="list-style-type: none"> 1. To improve and increase knowledge of project partners based on sharing competences to ensure high quality of project outcomes in all activities; 2. Working with stakeholders to increase sector expertise through transfer of experience from inside and outside of the Project Consortium; 3. To further build capacity in hot spots management (teaching end-users among stakeholders to apply the Hot Spots methodology and to use the Hot Spots Data Base) ; and 4. To increase public and, in particular, stakeholders participation in decision-making related to hot spots. 	
	Activities description		Partners involved
	Activity 1:	To organise and carry out two trainings for project partners and stakeholders	OC - leader. All partners are involved
	Activity 2:	To organise and carry out two workshops on Hot Spot methodology for project partners and stakeholders	OC - leader. All partners are involved
	Activity 3:	To organise and carry out two stakeholder consultation meetings	OC - leader. All partners are involved
	Expected outputs (quantified)		
	Months 1-5	<p>First stakeholder meeting is organised and carried out by OC in Ukraine. 25-30 participants Feed-back forms will be filled in to understand what is really important for stakeholders. Stakeholders database is developed in Excel Sheets (to be later incorporated in the Hot Spots Data Base). Technical report on the first stakeholders meeting/consultation with recommendations (harmonization (incl. rivers), Hot Spots Methodology and Hot Spots Data Base)</p>	

Months 5-9	<p>First training in investment planning is carried out by TUBITAK (Turkey) under OC leadership for all project partners. 20-25 participants. Training materials prepared.</p> <p>Feed-back forms (evaluation of training) will be filled in to understand what was useful and what should be improved. Report on training evaluation (contain feedback of participants).</p> <p>First workshop on Hot Spots methodology is organised and carried out by OC in Ukraine for all project partners and BSC LBS AG. 15-20 participants.</p> <p>Technical report on outcomes recommendations. Minute of workshop</p>
Months 13-17	<p>Second workshop on Hot Spots methodology and Hot Spots Data Base is organised and carried out by OC in Ukraine for all project partners and BSC LBS AG. 15-20 participants.</p> <p>Summary report. Minute of workshop</p>
Months 19-23	<p>Second training in use of Hot Spots methodology and Hot Spots Data Base is carried out by FCE (Georgia) under OC leadership for all project partners and stakeholders (end-users). 20-25 participants. Training materials prepared.</p> <p>Results of pilot testing are obtained and discussed. Report on training evaluation (contain feedback of participants).</p> <p>Second stakeholder meeting is organised and carried out by Burgas Municipality (Bulgaria) under OC leadership to present the outcomes of the project. 45 participants. Stakeholders database is updated.</p> <p>Technical report on the second stakeholders meeting (project results communication) with recommendations for further actions (next stage/next project)</p>
Expected results (listed; if possible, quantified)	
<p>The expected results are</p> <ol style="list-style-type: none"> 1. Stakeholders are identified and actively involved in the development of the Hot Spots methodology and Hot Spots Data Base. The needs in harmonization outlined. 2. Stakeholders database is developed in Excel Sheets (as component of the Hot Spots Data Base). 3. All partners and stakeholders improve their knowledge on investment planning and other issues. 4. All partners and stakeholders (end-users) use/or capable to use the Hot Spots methodology and Hot Spots Data Base in a proper way. 5. Pilot testing results are obtained (based on the update and verification of lists of hot spots). 	

GROUP OF ACTIVITIES 5	
Name	Dissemination of Knowledge and Best Practices, Public Awareness and Visibility
Responsible partner(P): Partner 3	Foundation Caucasus Environment (FCE)
Involved partners	All partners will be involved
Aim and purpose (general description of the GA)	<p>The overall aim of this GA is to contribute to a cleaner environment in the Black Sea Basin by dissemination of knowledge and best practices, and public awareness furthering in the field of integrated and sustainable management of Hot Spots. The visibility of the project and EC support will be attended under this GA.</p> <p>The specific aims of the GA is to contribute to change in the inhabitants' behavioural patterns by increasing their awareness, and by wider involvement of local authorities and local population of the coastal regions in the decision-making guiding sustainable management of Hot Spots, especially in Georgia.</p> <p>This GA aims to 'teach' public to participate in decision-making, encourage people participation in public monitoring and control in the field of hot spots management, and increase/develop the knowledge of school children and students on hot spots.</p>
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U P of A C T I V I T I E S 5	Activities description		Partners involved
	Activity 1:	Promotion of the project, visibility of EC support, ownership development	All partners
	Activity 2:	Raising (public) awareness for the present state of the Black Sea ecosystem, the persistent threats and initiatives to address them in providing for sustainable development of the Black Sea region.	All partners
	Activity 3:	Cooperation with existing networks like Black Sea NGO Network, Black Sea Economic Cooperation (BSEC), Permanent Secretariat of the Black Sea Commission, Danube Commission (ICPDR), UNEP (GPA), DABLAS, etc.	All partners
	Activity 4:	Preparation of educational materials for enhancing of public participation in hot spots management and awareness at the level of school children and students	FCE
	Activity 5:	Dissemination of Project results, visibility of Project efforts	All partners (preparation of materials - FCE)
	Expected outputs (quantified)		
	Months 1-4	Five national project inception meetings with representatives of local municipalities, experts and Environmental NGOs to present the project planned activities and start developing ownership (20-30 participants per country). The concept of the inception meetings (Agenda, target groups selection) will be developed by FCE. Technical Report on the Five inception meetings organised (one per country)	
	Months 4-8	Dissemination Plan, Project Logo, banner, leaflet (500 copies , published in Georgia by FCE) on the present state of the Black Sea ecosystem, the persistent threats and initiatives to address with focus on hot spots management	
	Months 9-22	Regular preparation of friendly information for the web portals of the partners networks, and organization of joint events back to back with Black Sea Day, World Water Day and others. Support to the Project web page maintenance. Postings on web portals of networks and on the web page of the project regularly provided.	
	Months 11-23	Project newsletter at the end of each year produced and published electronically, and 100 hard copies per newsletter (published in Bulgaria, by Burgas Municipality) disseminated during events, educational materials for school children and students (brochure, 500 hard copies, published in Turkey by TUBITAK) disseminated	
	Months 21-24	Guideline (500 hard copies published by Georgia FCE disseminated) for public participation in decision-making related to hot spots management (focus on public monitoring and control)	
	Months 22-24	Brochure (500 hard copies published in Ukraine, by OC, disseminated) on the project outcomes with popular presentation of the Hot Spots Methodology and Hot Spots data Base	
	Expected results (listed; if possible, quantified)		
	<p style="text-align: center;">The expected results are:</p> <ol style="list-style-type: none"> 1. Project ownership developed 2. Project visibility developed 3. Public awareness raised 4. Public education at different levels increased 5. Knowledge and information on project outcomes disseminated 		

GROUP OF ACTIVITIES 6			
G R O U P o f A C T I V I T I E S 4	Name	Management and coordination of the Action¹	
	Responsible partner (P): Partner 1	Applicant (ICPE-CA and SuRDEP)	
	Involved partners	All partners	
	Aim and purpose (general description of the GA)	The aim of this GA is to ensure smooth implementation of the project, production of quality deliverables, reports prepared according to the requirements of the JMA Program and submitted in due time, strong cooperation in between the partners and financial accountability of the project.	
	Activities description		Partners involved
	Activity 1:	Organisation of Steering Committee+Partners Meetings	Applicant, SuRDEP
	Activity 2:	Development and sustaining of the project web-site	SuRDEP
	Activity 3	Collaboration with on-going projects/activities/initiatives	All Partners
	Activity 4:	Preparation of Progress, Interim and Final reports	All Partners
	Activity 5:	Preparation of Financial reports	All partners
	Expected outputs (quantified)		
	Months 1-3	First Steering Committee + GA Leaders + Partners meeting organised and Minutes from the Meeting presented Development of the project web-site in operational phase	
	Month 2-4	Establishment of connections with relevant on-going activities	
	Month 4-6	Maintenance of the project web-site 1 st Progress Report	
Months 9-11	Second Steering Committee + GA Leaders + Partners Meeting organised and Minutes from the Meeting prepared Maintenance of the project web-site 2 nd Progress Report		
Month 12	Interim Report		
Month 13-18	Maintenance of the project web-site 3 rd Progress Report		
Month 19-22	Final Steering Committee+ GA Leaders + Partners meeting organised and Minutes from the Meeting presented Maintenance of the project web-site 4 th Progress Report		
Month 23-24	Final Report + Exit Strategy and plans for future activities		
Expected results (listed; if possible, quantified)			

¹ Management and coordination of the Action is compulsory as a Group of Activities.



Expected results:

1. A well-managed joint action reaching its scientific and technical objectives, without conflicts between the partners, without irregularities and with smooth reporting to the programme.
2. A well-managed joint action reaching consistent financial and manpower planning.
3. A well-managed joint action reaching quality assurance of all reports to the JMA and other deliverables from GA6.
4. Strong cooperation with relevant on-going projects
5. Well-organised and regularly nourished web page
6. Project exit strategy and plans for future activities