

Action Title	Objective / Scope	Participant Countries	Action components	Expected output / Due date	Responsibles	Traceability from previous Plans	Final Outputs (report, invoice...)	Plan Banjul Estimated Cost	Comments
<b>Line#01. Core Technical Capacity Building Activities</b>									
1.1 Regional Meteorological Telecommunication Network improvements	Assess current Telecom Networks status Assess Met information able to be broadcasted Propose improvements on data availability	All 16		Data dissemination improved in WA			Banjul proposal	25000	
			1.1.1. Report on Telecom Network Status. WMO RAF to contact with relevant actors to consolidate Report (WMO Mr. Arimatea - Guinea PR - Senegal ASECNA Mr Sonko)	1.1.1. Report on current Telecom Network Status Due date: June 2010	WMO RAF		Banjul proposal	0	
			1.1.2. Consultant ("in home") hiring for improved Telecom Network Desing	1.1.2. Report on improved Telecom Network. Report should identify those elements to be reinforced and cost assessment including financial proposals, and minor cost actions to be implemented by 1.1.3 Due date: July 2010	WMO RAF >> Consultant		Banjul proposal	15000	
			1.1.3. Procurements for improved Telecom Network	Equipments / lines (Internet) Due date: before 2010	WMO RAF		Banjul proposal	10000	
1.2 Satellite Products Usage Capacity Building	Improve knowledge of EUMETCast products on: Weather Monitoring Nowcasting SAF products Sun and Dust products Land SAF products OSI SAF	All 16		Capability building on general forecasting and applied meteorology (MARINEMET, HEALTHMET and METAGRI)			Banjul proposal	25000	plus 25000 EURO from EUMETSAT (expected according previous explorations with EUMETSAT)
			1.2.1. Survey on current satellite product usage, and major needs identified by NMHSs	Report on Survey results Due date: May 2010	WMO RAF >> WMO Space Program		Banjul proposal	0	
			1.2.2. ToR consolidation for training activities (partners: EUMETSAT, AEMET, WMO, LAND SAF)	ToR / July 2010	AEMET - WMO RAF		Banjul proposal Barcelona meeting Summary Minutes - 20100519	0	
			1.2.3. "5 days" Seminar on satellite product usage	Seminar (1 representative/ WA NMHS) Due date: November 2010	Host / AEMET / WMO-RAF		Banjul proposal	25000	
			1.2.4. Promotion of WMO "on line training" and others such as EUMETrain	before end 2010	WMO RAF / WMO ETR		Banjul proposal	0	
1.3 Climate Change Monitoring and Reports Capacity Building	Improve capacity on climate and climate change reports preparation	TBD		Capability building on Climate and Climate Change National Scenarios. Delivery of SW tools to prepare Climate Change Reports			Banjul proposal	80000	
			1.3.1. Plan and Schedule Seminars consolidation	Consolidted plan/ May 2010	AEMET		Banjul proposal	0	
			1.3.2 Survey on current capacity of NMHS on climate change reports	Report on Survey results / July 2010	AEMET / WMO RAF		Banjul proposal	0	Survey is considered key point to follow on this activity
			1.2.3. "3 days" Course on Climate Change Reports Venue: TBC by WMO	Seminar (1 representative/NMHS) / Due date: December 2010	Host / AEMET /WMO RAF		Banjul proposal	35000	
			1.3.3. "4 days" Practical Sesions on climate Change Report preparation Venue TBD by WMO.	Seminar (1 representative/NMHS) / Due date 2011	Host / AEMET / WMO RAF		Banjul proposal	45000	
			1.3.4. Promotion of WMO "on line training"	before end 2010	WMO ETR / WMO RAF		Banjul proposal	0	

1.4 Numerical Weather Prediction Capacity Building	Oriented to marine topic. Extended to coastal countries	TBD	Capability building on NWP techniques		Banjul proposal		50000
		1.4.1. Survey on NWP status and needs	Report on Survey results (NWP status and needs from WA NMHS) Due date: September 2010	WMO - RAF	Banjul proposal		0 Survey is considered key point to follow on this activity
		1.4.2. Plan definition According to the Survey results Options: a) General for 16 countries b) marine oriented for coastal countries	Due date: Before end 2010	WMO - RAF / AEMET	Banjul proposal		0
		1.4.3 Training activity (TBD)	Due date: Before end 2010	WMO - RAF / AEMET	Banjul proposal		50000

**Line#02. Applied Technical Capacity Building Activities**

2.1 MARINEMET	Marine Meteorology (Monitoring and Services) for the Northwest African Basin	Senegal, Mauritania, Cape Vert, Gambia			Niamey Action Plan Ac.1		1006980
		2.1.1. Contract type I	Report / Dec 2010	WMO	Niamey Action Plan Ac.1	Report 2009 delivered. Report 2010 expected at the end of the year	45000
		2.1.2. Contract type II	Report / Dec 2010	WMO	Niamey Action Plan Ac.1	Report 2009 delivered Report 2010 expected at the end of the year	35000
		2.1.3. Contract type III	Report / Dec 2010	WMO	Niamey Action Plan Ac.1	Report 2009 delivered Report 2010 expected at the end of the year	42000
		2.1.4. Contract type IV	1 payment	WMO	Niamey Action Plan Ac.1		8150
		2.1.5. Pay per view ULPGC	WMO-ULPGC Letter of Agreement/April 2010	WMO-ULPGC	Niamey Action Plan Ac.1		30000
		2.1.6. ToR tide gauges	April 2010	WMO-AEMET-PE	Niamey Action Plan Ac.1		477830
		2.1.7. ToR Automatic Weather Stations	April 2010	WMO-Sonko	Niamey Action Plan Ac.1		333000
		2.1.8. ToR SAPOs	September 2010	WMO-AEMET-PE	Niamey Action Plan Ac.1		21000
		2.1.9. Satellite products dissemination	March 2010	WMO-AEMET-ULPGC	Niamey Action Plan Ac.1	regular product delivery	0
		2.1.10. Web page	December 2010	AEMET-ULPGC	Niamey Action Plan Ac.1		0
		2.1.11. Training Gambia	19May-12June 2010	UKMO	Niamey Action Plan Ac.1	Report expected after the training activity	5000
		2.1.12. Satellite products manual for users	December 2010	AEMET-ULPGC	Niamey Action Plan Ac.1		0
		2.1.13. Annual Technical meeting (2-3 days)			Niamey Action Plan Ac.1		10000

2.2 METAGRI (Agricultural Meteorology) Phase 3	Strengthening surface observation networks and fostering of the use of simplified rain gauges to elaborate and disseminate information to farmers and decision makers.	All 16			Banjul proposal	358500	Successfully piloted in Mali in 2008 under Las Palmas Action Plan and continued in 2009 extended to a total of 11 countries.. Extend capability to the other 5 countries in the
<b>Opening activities</b>							
	2.2.1. Decision on country and date for Evaluation Seminar		A date and a place/Dakar May 2010 TBC	WMO	Banjul proposal	0	
	2.2.2. Letter from WMO to PR requesting designation FP or confirmation. Evaluation Seminar announcement		End of March	WMO	Banjul proposal	0	
	2.2.3. Request to Mali at least 1770 raingauges		raingauges/ march		Banjul proposal	0	
	2.2.4. Funds to Mali, formal process		April	WMO/AEMET	Banjul proposal	24000	
	2.2.5. Mali communicates raingauges ready		Report		Banjul proposal	0	
	2.2.6. WMO communicates countries phase 1 and 2 to plan 2 R.S and issue a tentative date for gauges delivery		May		Banjul proposal	0	
<b>Start RS Countries phase 1 and 2</b>							
	2.2.7. LOA WMO and NMHS		June		Banjul proposal	0	
	2.2.8. Funds to countries		June	WMO	Banjul proposal	52000	
	2.2.9. Reports on progress				Banjul proposal	0	
<b>Evaluation Seminar</b>							
	2.2.10. Organizational tasks Evaluation Seminar		April-May	WMO/ANAMS	Banjul proposal	0	
	2.2.11. New project: METAGRI extended User requirements		April-May	Task team Mali/WMO/AEMET	Banjul proposal	0	
	2.2.12. Draft document. METAGRI extended		Mid may		Banjul proposal	0	
	2.2.13. Start Evaluation Seminar		Evaluation report/Project proposal		Banjul proposal	70000	
<b>Start RS Countries phase 3</b>							
	2.2.14. LoA WMO-NMHS. Time schedule		July		Banjul proposal	0	
	2.2.15. Funds to countries		July		Banjul proposal	122500	
	2.2.16. Reports on progress				Banjul proposal	0	
<b>Promotion and fund raising</b>							
	2.2.17. Report activities to ECOWAS		TBD		Banjul proposal	0	
	2.2.18. Report activities to AECID		TBD		Banjul proposal	0	
	2.2.19. Report activities related with climate change adaptation at NMS DC ECOWAS		June 2010		Banjul proposal	10000	
<b>Communications seminar</b>							
	2.2.20. Communications seminar		End of 2010		Banjul proposal	80000	

2.3 HEALTHMET	Support to the development of the activities of the National Health-Climate Working Groups (NHCWG) in participant countries in accordance with the main outputs of the Niamey Workshop on reinforcement of links between Weather, Climate and Health	Niger, Burkina Faso, Mali, Mauritania, Nigeria		Banjul Proposal	20000	
<u>Information gathering</u>						
On the current status of collaboration between health and met in each country						
	2.3.1. WMO sends letter and questionnaires	Responses	End may	WMO	Banjul proposal	0
	2.3.2. Status report based on responses	Report	Mid June	WMO/AEMET	Banjul proposal	0
<u>National Seminars</u>						
Enhance and initiate WGHC activities as applicable to each country and develop a short term national action plan to implement activities						
	2.3.3. WMO sends letter to invite organization National Seminars by each country			WMO	Banjul proposal	0
	2.3.4. Organization	Action plan/Report	End December	WMO/AEMET	Banjul proposal	0
	2.3.5. Financial support				Banjul proposal	60000
<u>Training</u>						
Capacity building at regional and national level						
	2.3.6. IRI Summer Institute	2 people trained as Regional trainers	mid may	WMO/AEMET/IRI	Banjul proposal	22000
	2.3.7. National Health Climate training	15-20 people by country 2 international/regional experts	Fourth quarter 2010		Banjul proposal	90000
<u>Fund raisign activities</u>						
Responde to Banjul action plan						
	2.3.8. Consultant/Activities	Proposal for funding agencies to be presented at the WADC/Fourth Quarter 2010		WMO/AEMET	Banjul proposal	28000

### Line#03. Managerial Capacity Building Activities

3.1. EMERMET (Countries Emerging from Conflicts and Natural Disasters)	Assess status of NMHSs Identify ways to enhance the delivery of products and services Prepara a subregional project for development with seed funding from Spain and support for approach to other donors Discusses wiht Ministries and Development Agencies sources of funding	Liberia, Sierra Leone, Guinea Bissau, Côte d'Ivoire, Togo, Guinea	Plan to implement improvements on target NMHS, including commitments from donor agencies		Niamey Action Plan Item: Action 3 Banjul includes Guinea as new partner (6 countries in total)	90.000
	3.1.0. First Urgent needs				Niamey Action Plan Item: Action 3	
	3.1.1. Coordination Team Meeting Geneva.	Consolidated Working Plan and Schedule	WMO- RM / RAF AEMET	Niamey Action Plan Item: Action 3		TBD
	3.1.2. Mision to Côte d' Ivoire, Togo, Guinea	Report on French spoken countries mision results	WMO- RM / RAF AEMET	Niamey Action Plan Item: Action 3		TBD
	3.1.3. Mision to Guinea Bissau, Liberia and Sierra Leone	Report on English spoken countries mision results	WMO- RM / RAF AEMET	Niamey Action Plan Item: Action 3		TBD

3.2	Factibility Study of Regional Marine Meteorology Operational Service	Planned in MARINEMET (Niamey Action Plan) (This clarify the scope of MARINEMET as a Pilot Project)				From Niamey Action Plan Items: 1.4; 1.5; 1.6			80000
								TBD	
3.3	Factibility Study of Agrometeorological Operational Service					Banjul proposal			0
								TBD	
3.4	Factibility Study for a Hydrometeorological Warning Subregional Virtual Desk (ALERMET)	Burkina faso, Niger, Benin, Togo				Banjul proposal			25000
			3.4.1. "3 days" meeting Burkina Faso, Niger, Benin, Togo, WMO, AEMET, TBC	Virtual Desk proposal	Burkina Faso	Banjul proposal			25000
3.5	Report on AEMET feasibility to become an Advanced Meteorological Training Centre	All 16				Banjul proposal			0
								TBD	0
3.6	Fellowship program	All 16				Banjul proposal			0
			3.6.1. On job working 2 months			Banjul proposal			0
			3.6.2. 2 years course class II			Banjul proposal			0
3.7	AFRIMET (website www.afrimet.org)	Strength Visibility of NMHS in the Web	All 16						30500
			3.7.1. Manteinance and update of afrimet.org	web maintained / reported end 2010	AEMET	Niamey Action Plan Ac. 7	report and invoices at the end of every 6 months term		5200
			3.7.2. Contact countries to identify needs and provide template for NMHS web site	/ Due date: July 2010	AEMET WMO-RAF	Banjul proposal	enquiry among countries and template of a web site		5000
			3.7.3. Assistance in developping and updating websites: training among countries	End 2010		Banjul proposal			20000
			3.7.4. Creation of an index card for NMHS with no website	July 2010	AEMET	Banjul proposal			300
			3.7.5. www. afrimet.org fostering (link on WMO web site)	July 2010	WMO	Banjul proposal			0
			3.7.6. www. afrimet.org fostering (link on AEMET web site)	July 2010	AEMET	Banjul proposal			0
			3.7.7. www. afrimet.org fostering (link on WA NMHS web sites)	July 2010	WMO-RAF	Banjul proposal			0
3.8	Support for NMHS Strategic Plan consolidation					Banjul proposal Ac. 4.3			10000
			3.8.1 Survey to countries for SP needs identification	Report on survey results	WMO-RAF-ETR				0
			3.8.2 Consultant hiring for SP assessment and recommendation for consolidation	Consolidated SP	WMO-RAF-ETR				10000
3.9.	French e-learning platform					Banjul proposal			10000
			3.9.1 ToR WMO-AEMET-UKMO						0
			3.9.2 (after 3.9.1) hire a consultant for translation						10000
3.10.	Nairobi's Minister Conferen Conference	Ensure the WA PRs attendance to the Nairobi Conference	All 16	National visibility of NMHS		Niamey Action Plan. Item: Action 9			50.000
			3.10 Contribution to support NMHS Directors			Nairobi Declaration			50000

Program Support			
"3 days" Conference in Cap Vert 2011	Support to 4th Conference of Directors of NMHS in West Africa	All 16	Banjul proposal
			90,000
		Support to 4th Conference of Directors of NMHS in West Africa	90,000
Financial reports on WACP-AEMET TF			0
<b>TOTAL</b>			<b>2,130,980</b>