

AWASH BASIN STAKEHOLDERS MANAGEMENT STRATEGIC PLAN

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ACRONYMS AND ABBREVIATION

AwBA	Awash Basin Authority
BHC	Basin High Council
DSS	Decision Support System
IWRM	Integrated Water Resource Management

EXECUTIVE SUMMARY

Stakeholder Management is an important issue to realize integrated water resource management since stakeholders have a (direct or indirect) interest in the project / program, or who affects or is affected positively or negatively by the implementation and outcome of it. Overlapping mandates between stakeholders; loose coordination, integration and capacity gap are the major challenges that hinder stakeholders' participation. Integrated river basin management plan depends on partnership and net working with all stakeholders and institutions involved. Hence AWBA prepared the strategic stakeholder management plan.

This Strategic Stakeholders management plan is prepared with a goal of **“to bring integrated participation and empowerment of multi-stakeholders for sustainable River Basin Management”**. The plan sets two main objectives which are enhancing interconnectivity and participation of stakeholders for efficient, equitable and sustainable RBM and empowering stakeholders in decision making process and enhance their contribution to sustainable RBM. The objective of stakeholder management plan is that to identify, analyze, and state clear interaction between actors as a road map to empower stakeholder in decision making process.

The plan covers the whole Basin with 10 years strategic and 4 years detail action plans. In the detail action plan measures, major activities, sub-activities, time schedules and action owners are identified per sub basin level.

1. BACKGROUND

1.1 Introduction

Stakeholders are all people, groups and organizations that could affect or be affected by the project or activities. These include Federal, Regional and Local governments, civil society organizations, water users and the general public. In the past, planning and implementation of water resources have been undertaken without adequate involvement of the stakeholders.

Stakeholder Management is a process which identifies the stakeholders, analyzes their expectations and impacts, and develops appropriate strategies and tactics for effective engagement in the water resources management. The Stakeholder Management Plan helps to ensure that stakeholders are effectively involved in project decisions and execution throughout the activity lifecycle i.e. in planning, implementation as well as evaluation and monitoring, to gain support for the project and anticipate resistance, conflict, or competing objectives among the stakeholders.

The successful undertaking of any development requires effective stakeholder management to support organizational and individual objectives through understanding and influencing the internal and external environments. Therefore, the identification and management of stakeholders are a key skill for all institutions and managers. Water resource sectors are accountable for the end-to-end management of water resource including performance and expectation management of individuals who may be outside their direct control. Water managers should consider the people issues surrounding water and recognize that the appropriate involvement and management of stakeholders can be a critical success factor. Consequently, project managers should have a formal stakeholder management process that is appropriate for the circumstances of the project.

Integrated river basin management is possible through partnership and networking with all stakeholders and institutions involved. In order to bring integrated river basin management plan into effect vibrant institutional arrangements are needed to enable the functioning of platform for stakeholders involved in decision making.

The planning and approach for stakeholder management will be shared along with the processes and tools that will create positive relationships with stakeholder by setting objectives and managing their

expectations. Therefore, establishing stakeholder's management plan is fundamental means to improve participation, cooperation, coordination and sharing responsibility.

1.2 Objective of this plan

The objective of stakeholder management plan is that to identify, analyze, and show clearly the interaction between stakeholders, and also to prepare the roadmap for effective involvement of stakeholder in decision and execution to ensure integrated water resource management.

1.3 Vision

To see stakeholders highly satisfied, skilled and effectively role played.

1.4 Scope of this Plan

This plan is prepared based on the framework of Ethiopian water resource management policy, at a strategic level and detail action plan. The plan includes identification, analyses and categorization of stakeholders with their interest, impact and influence. It focuses on the empowerment and participation of all stakeholders in decision and implementation to put valuable contribution positively. Listing the whole stakeholders is difficult and complex task, so that stakeholders are classified in to three categories based on five issues (Water allocation, Watershed management, drought and Flood management, Water quality, and information & communication).

The plan covers the entire awash basin with a division of six sub-basins (Awash Upstream Koka, Awash at Awash, Awash Halidebi, Awash Adaitu, Awash Terminal and Eastern Catchment) at a strategic level and detail action plan with the time horizon of 10 and 4 years respectively.

2. SITUATION ANALYSIS

2.1 Legal and Institutional framework

2.1.1 Legal framework

The Ethiopian Water Resources Management policy considers stakeholders involvement as cross cutting issue to achieve its goal and objectives with create conducive situations, effective networking, coordination

and smoothly functioning of stakeholder's. The policy was clearly stated the overall principles and directions to be followed regarding stakeholder engagement as listed below.

- Ensure the identification of the relevant stakeholders from the outset in any water resources undertakings and create conducive situations for their involvement in the different water resources management activities.
- Create forum for discussions and consultations amongst the various stakeholders.
- Develop a framework for Community-Government-Private sector-External Support Agencies Partnership.
- Promote private sector participation in technology development, construction, and in operation and maintenance of utilities
- Support community self-initiatives and direct involvement in water resources management.
- Provide a venue for the provision of information, guidelines and directions for External Support Agencies and Non-Governmental Organizations and establish reliable framework for coordinating and monitoring their activities.
- Promote the full involvement of women in the planning, implementation, decision making and training as well as empower them to play a leading role in self-reliance initiatives.

The River Basin Councils and Authorities Proclamation initiates the stakeholders of a river basin shall to act in a coordinated manner in spite of their differences of approaches, interests and perceptions of the effects of their decisions, plans and activities on the hydrological cycle and on other users.

The proclamation has give the power and duties for Basin Council to provide policy guidance and planning oversight to ensure high level of coordination among, stakeholders for the implementation of integrated water resources management in the basin. In addition, it gives power and duties to Basin Authorities to set up a forum for effective networking among stakeholders.

In general the legal framework is highly supports and give due emphasis about the stakeholders engagement to enhance and promote all efforts towards the efficient, equitable and optimum utilization of the available Water Resources for significant socioeconomic development on sustainable basis.

2.1.2 Institutional setup

Existence of stable institutions is indispensable to enhancement of linkages and partnership among stakeholders for the realization of efficient, sustainable and equitable water resources management. Several federal and regional institutions have been established to implement integrated water resources management. These institutions are responsible to foster the participation of user communities in water resources management. Thus the institutional framework expanded to the lowest administrative structure.

Basin High Council (BHC) is responsible to make water related decision with the participation of its members. Awash Basin Authority (AwBA) is also responsible to organize and participate the stakeholders in different water resources management activities for effective development and utilizations of the resources on the basis of sustainability. Other federal and regional institutions are also participate stakeholders in planning, implementation and monitoring & evolution of different water resources management activities. However, the institutions structure lacks appropriate linkage mechanisms for the coordination of stakeholders and be lacking institutional stability and flexibility to increase participation of stakeholders.

2.2 significant pressures

2.2.1 Social Pressures

Due to lack of water resources extension services awareness and participations of the stakeholders is insufficient on water resources management. As a result, the stakeholder has less ownership on the water resources development. Traditional beliefs such as “water as a gift of nature”, poor culture and trend of water use are among the challenges that block the stakeholder to collaborate and participate on water resources management activities.

All water users from householders to institutions utilizing the water resources inefficiently. For instance, the upstream users abstract the water and dispose untreated effluents to the river system without taking into account the downstream users. Hence conflict of interest, lack of trust and motivation is developing among stakeholders.

2.2.2 Economic Pressures

One of the main economic pressures in relation to stakeholder participation is absence of sufficient budget for stakeholder involvement. Communication infrastructure like express high way, rail way and air lines

and communication channels video conference, internet and eddo is limited in the basin. Mainly they are concentrated around bigger towns and cities. In addition to low accesses, little trained of utilization of technologies is another challenge of stakeholder's involvement. All these challenges limit effective stakeholder's involvement on water resources management in the basin.

2.2.3 Environmental Pressures

The basin water resources pollution had been growing from time to time through dumping of domestic wastes from urban centers and untreated effluent by the industries. Due to degradation of the aquatic ecosystem, through high and dynamic urbanization, industrial and agricultural expansions, loss of indigenous plants and wild life is happening in the basin. Some of the results of pollution have an effect on human health and other lives that may create dalliance in performance of regular activities.

Continuous use of agro-industrial chemicals might lead to the contamination of the water body and consequently might result in serious Agro-ecologic Vulnerability. Climate variability is manifested both in seasonal variations in rainfall over the basin and year-to-year variability in rainfall and extremes. Extreme events those drought and flood are recurrent in many parts of the basin with major impacts on lives, livelihoods, wellbeing and the productivity. Thus, high environmental and socio-economic damage occurs during drought and flooding.

The basin is situated in the Great Rift Valley systems, in which a very active earthquake and volcanic manifestations observed. Diversity of climatic conditions, geographical setup variations and wideness of the basin make interest disparity among the basin community. Generally, these phenomena exert environmental pressure in the stakeholders' involvement of the basin.

3. SCENARIO ANALYSIS

3.1 Current Scenario

Stakeholder involvement on watershed management differs between subbasins. In the upstream of Koka and Awash sub basin most stakeholders have good awareness and participation but not coordinated. From Awash Halidebi to Awash Terminal awareness is well in the western highland part but less in the Eastern part of the sub basin on range land management. In the Eastern catchment awareness and participation is better in the upstream than downstream.

As the occurrence of stakeholder differ between sub basins the interest of stakeholders to manage flood are different between sub basins as well as between stakeholders. In the Upstream of Koka and Awash Awsh all stakeholders have medium interest and participation. In the Awash Halidebi, Awash Adaitu and Awash Terminal communities and private investors have low interest to participate and coordinate and there is lack of awareness, but regulators have high interest and commitment to coordinate and cooperate. In the Eastern catchment all stakeholders have high interest and participation.

The degree of stakeholder involvement on water allocation differs between the users' side and regulators and slight difference between sub basins in relation to permit. In the upstream of Koka, Awash Awash and Awash Halidebi their participation on water permit, efficient utilization and considering other users are less but the Federal and Regional Government has an interest to allocate water equitably but not yet practical. In the Awash Adaitu, Awash Terminal and Eastern Catchment there is no water utilization permit and the users' side participation is low but the Federal and Regional Government has an interest to allocate water equitably but not yet practical.

The cause of water quality is different between sub basins. But the participation of stakeholders to improve water quality is very low and their contribution to pollute the water quality is high. In all sub basins interest, participation, honesty, commitment, and accountability of stakeholders to dispose treated waste, to use organic fertilizers and chemicals, to implement enforcement law are low. In addition to this from Awash Awash to Awsh Terminal and Eastern catchment there is lack of awareness, technology and capital to participate in the treatment of deteriorated and declined water quality due to saline hot springs, Lake Beseka, and Tikurwuha swamp which as well are saline.

In all sub basins there is flood early warning and meteorological data information sharing system through media, but awareness and technological access to communicate through website is very low. There is good communication

through Dagu (traditional way of communication) among pastoralist (Afar). In general communication in all issues between stakeholders is weak. The current status /condition of stakeholder involvement on each issue per six planning area are described as participation of stakeholders with issues by sub basin matrix table in the appendix.

3.2 Future Scenario

Increasing demand in water resources, land degradation, water pollution and flood related challenges will be addressed through effective stake holder's management. At the moment the federal & regional institutions and communities mobilization and commitment in watershed management, in the highlands of the basin is better. As a result increase the vegetation covers, improved ground water recharge, reduced sedimentation loads and increased productivity of lands. All these benefits will develop trust and encourage participation of the stakeholders on the watershed management in the future. In the lower part of the basin awareness, mobilization and involvement of stakeholders is low. The Positive impact of participation benefits gained from highland will be expected to motivate the lower users to scale up on their areas in the future. However, the existing better trained in mobilization and participation on watershed management in highlands of the basin face weak coordination and integration gaps remain challenge in the future.

The interest of regulators is high on water allocation, water quality and flood & drought management but their commitment towards concrete action is inconsistent and seasonal. The interest and involvement of users is very weak due to ambitious expectation from government. In general this weak commitment of the regulators and weak participation of users remain challenge in the future.

4 GOAL, OBJECTIVES, MEASURES AND LOGICAL FRAMEWORK

4.1 Goal

The goal of stakeholder management plan is that to bring integrated participation and empowerment of multi-stakeholders for sustainable RBM.

4.2 Objectives

General Objectives

1. To enhance interconnectivity and participation of stakeholders for efficient, equitable and sustainable RBM
2. To empower stakeholders in decision making process and enhance their contribution to IRBM

Specific Objectives

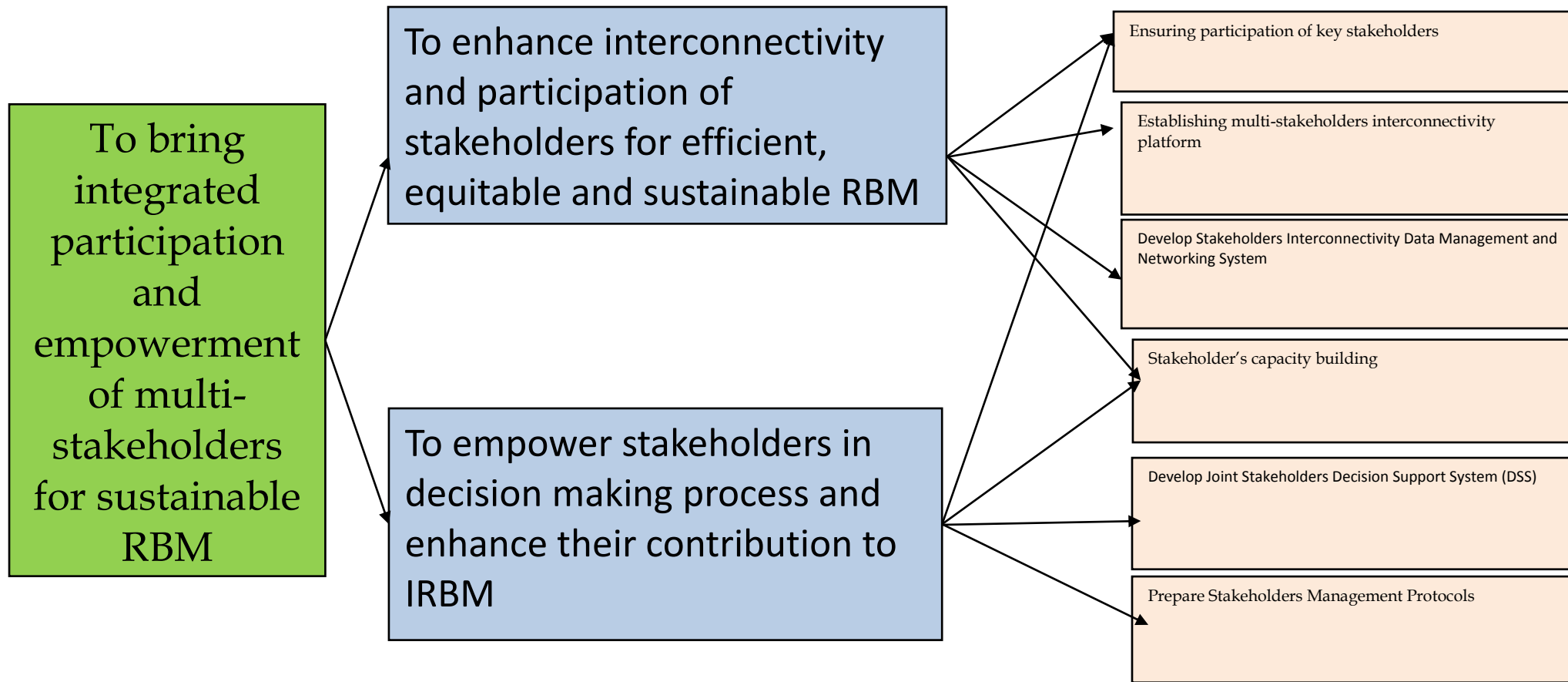
1. To strengthen stakeholders' engagement that has significant impact on RBM
2. To build dynamic/interactive stakeholders coordination and participation strategy
3. To establish integrated stakeholders management system
4. To build the capacity of stakeholders (individuals, groups and institutions) at different level
5. To ensure availability of stakeholders involvement on joint DSS (Decision support system)
6. To prepare implementation protocols (guideline, manual and bylaws) for stakeholders' management.

4.3 OBJECTIVE TREE FOR STAKEHOLDER MANAGEMENT

GOAL

OBJECTIVES

MEASURS



5. DETAIL ACTION PLAN

Goal-objective –measure

Goal	General Objective	Measures
To bring Integrated participation and empowerment of multi-stakeholders for sustainable RBM	To enhance interconnectivity and participation of stakeholders for efficient, equitable and sustainable RBM	Ensuring participation of key stakeholders
		Establishing multi-stakeholders interconnectivity platform
		Develop Stakeholders Interconnectivity Data Management and Networking System
	To empower stakeholders in decision making process and enhance their contribution to IRBM	Stakeholders capacity building
		Develop Joint Stakeholders Decision Support System (DSS)
		Prepare Stakeholders Management Protocols

Measure-activity-Target –evaluation criteria

Measures	Activity	Target (Key milestone)	Evaluation Criteria
Ensuring participation of key stakeholders	1.1 Organize stakeholders meetings 1.2 Establish MOU among stakeholders	54 meeting MoU for five issues	number of minutes per meeting number of MoU document
Establishing multi-stakeholders interconnectivity platform	2.1 Select proper multi-stakeholders platform 2.2 Prepare stakeholders Platforms	5	number of issues addressed in the platform document
Develop Stakeholders Interconnectivity Data Management and Networking System	3.1 Develop Stakeholders Interconnectivity Data Management System (database) 3.2 Establish Local and Wide area Network (LAN and WAN) Stakeholders Interconnection System	1database 2 interconnection system	availability of updated information in the Data base Degree of applicability/function/networking/access
Stakeholders capacity building	4.1 Human Resource Development 4.2 Institutional Capacity Building 4.3 Improve Financial Mechanism & Mg't systems	nine institutions nine institutions nine institutions	capacitated institutions and individual, capacitated institutional, capacitated financial mechanism,
Develop Joint Stakeholders Decision Support System (DSS)	5.1Develop Joint Stakeholders DSS 5.2 Implement joint stakeholders DSS	5 DSS tools	number of DSS Developed Applicability & functionality of DSS
Prepare Stakeholders Management Protocols	6.1 Design and Develop Stakeholders Management Protocols 6.2 Implement Stakeholders Management Protocols	3Protocols	number of protocol document (Water users, Regulators, Colaborators) or (Individuals, groups, Institutions) Applicability & functionality

Measure –Activity –Sub Activity per Sub-Basin for 10 years

No	Measure s	Activities	Sub activities	unit	Sub-Basins							Owner (Action Owner)	Budg et	Remar ks
					2009- 2017	Awash upstrea m of Koka	AwashA wash	Awash Halidebi	Awash Adaitu	Awash Termin al	East ern Catcherment			
1	Ensuring participation of key stakeholders	1.1 Organize stakeholders meetings	1.1.1 Identify participating key stakeholders (Water users, Regulators and Collaborators)	No of participant	4320	720	720	480	480	480	1440	AwBA, Regional burea' MoWIE		
			1.1.2 Organize and facilitate field visits and meetings at different levels	No	54	9	9	6	6	6	18	AwBA, Regional burea' MoWIE		
			1.1.3 Documenting stakeholders meetings	Type of issue	54	9	9	6	6	6	18	AwBA, Regional burea' MoWIE		
			1.1.4 Disseminate minutes of meetings	No of minutes	54	9	9	6	6	6	18	AwBA, Regional burea' MoWIE		
		1.2 Establish MOU among stakeholders	1.2.1 Drafting MoU document	No of MoU	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		*5 issues in 6 basins
			1.2.2 Discussion and approval of MoU	No of MoU	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
			1.2.3 Signing MoU among stakeholders	No of MoU	5	*	*	*	*	*	*	Regional burea' MoWIE		

No	Measure s	Activities	Sub activities	unit	Sub-Basins							Owner (Action Owner)	Budg et	Remar ks
					2009- 2017	Awash upstrea m of Koka	AwashA wash	Awash Halidebi	Awash Adaitu	Awash Termin al	East ern Catcherment			
2	Establishing multi-stakeholders interconnectivity platform	2.1 Select proper multi-stakeholders platform	2.1.1 Identify modern and traditional multistakeholders Platforms	No of platforms	10	*	*	*	*	*	*	AwBA Regional burea' MoWIE,		
			2.1.2 Select appropriate stakeholders platforms	No of platforms	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
		2.2 Prepare stakeholders Platforms	2.2.1 Develop multi-stakeholders (establishment) platform document	No of Document	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
			2.2.2 Approval of multi-stakeholders platform document	No of Document	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
			2.2.3 Dissemination of approved multistakeholders platform document	No of Document	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
3	Develop Stakeholders Interconnectivity Data Management and Network	3.1 Develop Stakeholders Interconnectivity Data Management System (database)	3.1.1 Training on stakeholders database management & Networking system	No of Trainees	90	20	15	12	11	12	20	AwBA, Regional burea' MoWIE		
			3.1.2 Select and Develop the appropriate database system	Type s of database	1	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		

No	Measure s	Activities	Sub activities	unit	Sub-Basins						Owner (Action Owner)	Budg et	Remar ks
					2009- 2017	Awash upstream of Koka	AwashA wash	Awash Halidebi	Awash Adaitu	Awash Terminal	East ern Catcherment		
	ing System		3.1.3 Preparing stakeholders Database Operational Manual	No of Document	1	*	*	*	*	*	*	AwBA, Regional burea' MoWIE	
			3.1.4 Collect, identify and organize the stakeholders data	No of organized data	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE	
			3.1.5 Calibrate and validate the database system	No of times								AwBA, Regional burea' MoWIE	
			3.1.6 Stakeholders data entry and report generation (Data mining)	No of times	15	*	*	*	*	*	*	AwBA, Regional burea' MoWIE	
		3.2 Establish Local and Wide area Network (LAN and WAN) Stakeholders Interconnection System	3.2.1 Ensure availability of LAN and WAN equipment's	Pcs	2	*	*	*	*	*	*	AwBA, Regional burea' MoWIE	
			3.2.2 Hardwaer and software installation	No of installation	2	*	*	*	*	*	*	AwBA, Regional burea' MoWIE	
			3.2.3 Data sharing	No	9	4		1	1	1	2	AwBA, Regional burea' MoWIE	
			3.2.4 Ensuring appropriate Interconnection sytem (Software oditing)	Feed back	8	*	*	*	*	*	*	AwBA, Regional burea' MoWIE	

No	Measure s	Activities	Sub activities	unit	Sub-Basins							Owner (Action Owner)	Budg et	Remar ks
					2009- 2017	Awash upstre am of Koka	AwashA wash	Awash Halidebi	Awash Adaitu	Awash Termin al	East ern Cate hment			
4	Stakehol ders capacity building	4.1 Human Resource Developme nt	4.1.1 Short Term training for Stakeholders (Experience sharing, On job training...)	No	297	63	54	45	45	45	45	AwBA, Regional burea' MoWIE		
			4.1.2 Long Term Training (BSc, MSc, PhD Training)	No	9	4		1	1	1	2	AwBA, Regional burea' MoWIE		
			4.1.3 Skill Development and Documenting Indigenous Knowledge	no of Docu ment								AwBA, Regional burea' MoWIE		
		4.2 Institutiona l Capacity Building	4.1.1 Infrastructure and Facility Development (Stakeholders Training Centre, Branch office)	No	9	4		1	1	1	2	AwBA, Regional burea' MoWIE		
			4.2.2 Improving Institutional Decision Making	no	9	4		1	1	1	2	AwBA, Regional burea' MoWIE		
			4.2.3 Strengthen Multi- stakeholders Interconnectivity Structure	Netw orkin g	9	4		1	1	1	2	AwBA, Regional burea' MoWIE		
		4.3 Improve Financial Mechanism & Mg't	4.3.1 Adequate Funding for Stakeholders Management Activities	Birr	4,320,000.0	720,000	720,000	480,000	480,000	480,000	1,440,000	AwBA, Regional burea' MoWIE		

No	Measure s	Activities	Sub activities	unit	Sub-Basins							Owner (Action Owner)	Budg et	Remar ks
					2009- 2017	Awash upstrea m of Koka	AwashA wash	Awash Halidebi	Awash Adaitu	Awash Termin al	East ern Cate hment			
		systems	4.3.2 Strengthening Micro-financing at Grass Root Level	Birr								AwBA, Regional burea' MoWIE		
			4.3.3 Support stakeholders meeting Local financing	Birr	432,000	72,000	72,000	48,000	48,000	48,000	144,000	AwBA, Regional burea' MoWIE		
5	Develop Joint Stakehol ders Decision Support System (DSS)	5.1 Develop Joint Stakeholde rs DSS	5.1.1 Identify key issues demanding DSS	Type s of Issue /No	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
			5.1.2 identify develop adopt relevant DSS tools	Type s of DSS	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
		5.2 Implement joint stakeholder s DSS	5.2.1 Identify DSS implementing stakeholders	no of issue s	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
			implement DSS	Type s of DSS	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
6	Prepare Stakehol ders Manage ment Protocol s	6.1 Design and Develop Stakeholde rs Manageme	6.1.1 Assess, Review and develop multi-stakeholders protocols document	no	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		
			6.1.2 Prepare Protocols for stakeholders management	no	5	*	*	*	*	*	*	AwBA, Regional burea' MoWIE		

No	Measure s	Activities	Sub activities	unit	Sub-Basins							Owner (Action Owner)	Budg et	Remar ks
					2009- 2017	Awash upstrea m of Koka	AwashA wash	Awash Halidebi	Awash Adaitu	Awash Termin al	East ern Catac hment			
		nt Protocols	6.1.3 Approval of Multi-stakeholders Protocols Document	no	5	*	*	*	*	*	*	AwBA, Regional bureau' MoWIE		
		6.2 Implement Stakeholde rs Manageme nt Protocols	6.2.1 Prepare Enforcement Mechanism	Doc	5	*	*	*	*	*	*	AwBA, Regional bureau' MoWIE		
			6.2.2 Refining protocol	p/d	5	*	*	*	*	*	*	AwBA, Regional bureau' MoWIE		
			6.2.3 Dissemination of approved Multi-stakeholders protocols document	frq	5	*	*	*	*	*	*	AwBA, Regional bureau' MoWIE		

Awash Up- stream Koka Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
1	Ensuring participation of key stakeholders	1.1 Organize stakeholders meetings	1.1.1 Identify participating key stakeholders (Water users, Regulators and Collaborators)	No of participants	320		80	80	80	80	AwBA Regional bureau' MoWIE	
			1.1.2 Organize and facilitate field visits and meetings at different levels	No meetings	4		1	1	1	1	AwBA, Regional bureau' MoWIE	
			1.1.3 Documenting stakeholders meetings	Type of issues/No of folders	4		1	1	1	1	AwBA, Regional bureau' MoWIE	
			1.1.4 Disseminate minutes of meetings	No of minutes	4		1	1	1	1	AwBA, Regional bureau' MoWIE	
		1.2 Establish MOU among stakeholders	1.2.1 Drafting MoU document	No of MoU	5		*	**	**		AwBA Regional bureau' MoWIE	
			1.2.2 Discussion and approval of MoU	No of MoU	5		*	**	**		AwBA	
			1.2.3 Signing MoU among stakeholders	No of MoU	5		*	**	**	-	AwBA Regional bureau' MoWIE	
2	Establishing multi-stakeholders interconnectivity	2.1 Select proper multi-stakeholders platform	2.1.1 Identify modern and traditional multistakeholders Platforms	No of platforms	10		*				AwBA, Regional bureau' MoWIE	
			2.1.2 Select appropriate stakeholders platforms	No of platforms	5		*				AwBA, Regional bureau' MoWIE	

Awash Up- stream Koka Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
	y platform	2.2 Prepare stakeholders Platforms	2.2.1 Develop multi-stakeholders (establishment) platfrom document	No of Document	5		**	***			AwBA,Regional burea’MoWIE	
			2.2.2 Approval of multi-stakeholders platform document	No of Document	5		**	***			AwBA Regional burea’MoWIE	
			2.2.3 Dissemination of approved multistakeholders platform document	No of Document	5		**	***			AwBA,Regional burea’MoWIE	
3	Develop Stakeholders Interconnectivity Data Management and Networking System	3.1 Develop Stakeholders Interconnectivity Data Management System (database)	3.1.1 Training on stakeholders database management & Networking system	No of Trainees	10			5	5		AwBA,Regional burea’MoWIE	
3.1.2 Select and Develop the appropriate database system			Types of database	1			*			AwBA,Regional burea’MoWIE		
3.1.3 Preparing stakeholders Database Operational Manual			No of Document	1			*			AwBA,Regional burea’MoWIE		
3.1.4 Collect, identify and organize the stakeholders data			No of organized data	5			**	** *		AwBA,Regional burea’MoWIE		
3.1.5 Calibrate and validate the database system			No of times	-						AwBA,Regional burea’MoWIE		
3.1.6 Stakeholders data entry and report generation (Data mining)			No of times	5			*	**	**	AwBA,Regional		

Awash Up- stream Koka Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
											burea'MoWIE	
		3.2 Establish Local and Wide area Network (LAN and WAN) Stakeholders Interconnection System	3.2.1 Ensure availability of LAN and WAN equipment's	Pcs	5			*			AwBA,Regional burea'MoWIE	
			3.2.2 Hardware and software installation	No of installation	5			**			AwBA,Regional burea'MoWIE	
			3.2.3 Data sharing	No of connected institutions	4			4			AwBA,Regional burea'MoWIE	
			3.2.4 Ensuring appropriate Interconnection system (Software auditing)	Feedback	5			*	*	*	AwBA,Regional burea'MoWIE	
4	Stakeholders capacity building	4.1 Human Resource Development	4.1.1 Short Term training for Stakeholders (Experience sharing, On job training...)	No	28		7	7	7	7	AwBARegional ,burea'MoWIE	
			4.1.2 Long Term Training (BSc, MSc, PhD Training)	No	5		1			0	AwBA,Regional burea'MoWIE	
			4.1.3 Skill Development and Documenting Indigenous Knowledge	no of Document	-						AwBA,Regional burea'MoWIE	

Awash Up- stream Koka Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
		4.2 Institutional Capacity Building	4.1.1 Infrastructure and Facility Development (Stakeholders Training Centre, Branch office)	No	1		1				AwBA,Regional burea'MoWIE	
			4.2.2 Improving Institutional Decision Making	no	-						AwBA,Regional burea'MoWIE	
			4.2.3 Strengthen Multi-stakeholders Interconnectivity Structure	Networki ng focal person (Box)???	4			4			AwBA,Regional burea'MoWIE	
		4.3 Improve Financial Mechanis m & Mg't systems	4.3.1 Adequate Funding for Stakeholders Management Activities (Sugar corporation, Donors, MoWIE, Ethio-Wetland, AfDB, AIB)	Birr	320,000		80000	80000	80000	80000	MoFC, Regional burea'MoWIE,	
			4.3.2 Strengthening Micro-financing at Grass Root Level	Birr	-							
			4.3.3 Support stakeholders meeting Local financing	Birr	32,000		8000	8000	8000	8000	Ethio-Wetland, AfDB, AIB Users, Sugar corporation Regional burea'MoWIE,,Aw BA	
5	Develop Joint	5.1Develop Joint	5.1.1 Identify key issues demanding DSS	Types of Issue/No	5			*			AwBA,Regional burea'MoWIE	

Awash Up- stream Koka Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
	Stakeholders Decision Support System (DSS)	Stakeholders DSS	5.1.2 identify develop adopt relevant DSS tools	Types of DSS	5			*			AwBA,Regional burea'MoWIE	
		5.2 Implement joint stakeholder s DSS	5.2.1 Identify DSS implementing stakeholders	no of issues	3			*			AwBA,Regional burea'MoWIE	
			impliment DSS	Types of DSS	5			*			AwBA,Regional burea'MoWIE	
6	Prepare Stakeholders Management Protocols	6.1 Design and Develop Stakeholders Management Protocols	6.1.1 Assess, Review and develop multi-stakeholders protocols document	no	5			*			AwBA,Regional burea'MoWIE	
			6.1.2 Prepare Protocols for stakeholders management	no	5				*		AwBA,Regional burea'MoWIE	
			6.1.3 Approval of Multi-stakeholders Protocols Document	no	5				*		AwBA,Regional burea'MoWIE	
		6.2 Implement Stakeholders Management Protocols	6.2.1 Prepare Enforcement Mechanism	Doc	-						AwBA,Regional burea'MoWIE	
			6.2.2 Refining protocol	p/d	-						AwBA,Regional burea'MoWIE	
			6.2.3 Dissemination of approved Multi-stakeholders protocols document	frq	5				*		AwBA,Regional burea'MoWIE	

Awash Awash sub –Basin Detail Action plan

No	Measures	Activities	Sub activities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
1	Ensuring participation of key stakeholders	1.1 Organize stakeholders meetings	1.1.1 Identify participating key stakeholders (Water users, Regulators and Collaborators)	No of participants	320		80	80	80	80	AwBA Regional bureau' MoWIE	
			1.1.2 Organize and facilitate field visits and meetings at different levels	No of visits/meetings	4		1	1	1	1	AwBA Regional bureau' MoWIE	
			1.1.3 Documenting stakeholders meetings	Type of issues/No of folders	4		1	1	1	1	AwBA Regional bureau' MoWIE	
			1.1.4 Disseminate minutes of meetings	No of minutes	4		1	1	1	1	AwBA Regional bureau' MoWIE	
		1.2 Establish MOU among stakeholder	1.2.1 Drafting MoU document	No of MoU	5		*	**	**		AwBA Regional bureau' MoWIE	
			1.2.2 Discussion and approval of MoU	No of MoU	5		*	**	**		AwBA	

Awash Awash sub –Basin Detail Action plan

No	Measures	Activities	Sub activities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
			1.2.3 Signing MoU among stakeholders	No of MoU	5		*	**	**	-	Regional burea' MoWIE	
2	Establishing multi-stakeholders interconnectivity platform	2.1 Select proper multi-stakeholders platform	2.1.1 Identify modern and traditional multistakeholders Platforms	No of platforms	10		*				AwBA Regional burea' MoWIE	
			2.1.2 Select appropriate stakeholders platforms Stakeholders mapping - Development of a common agenda	No of platforms	5		*				AwBA Regional burea' MoWIE	
		2.2 Prepare stakeholder s Platforms	2.2.1 Develop multi-stakeholders (establishment) platfrom document	No of Document	5		**	***			AwBA Regional burea' MoWIE	
			2.2.2 Approval of multi-stakeholders platform document	No of Document	5		**	***			AwBA Regional burea' MoWIE	

Awash Awash sub –Basin Detail Action plan

No	Measures	Activities	Sub activities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
			2.2.3 Dissemination of approved multistakeholders platform document	No of Document	5		**	***			AwBA Regional burea' MoWIE	
3	Develop Stakeholders Interconnectivity Data Management and Networking System	3.1 Develop Stakeholders Interconnectivity Data Management System (database)	3.1.1 Training on stakeholders database management & Networking system	No of Trainees	7			3	4		AwBA Regional burea' MoWIE	
			3.1.2 Select and Develop the appropriate database system	Types of database	1			*			AwBA Regional burea' MoWIE	
			3.1.3 Preparing stakeholders Database Operational Manual	No of Document	1			*			AwBA Regional burea' MoWIE	
			3.1.4 Collect, identify and organize the stakeholders data	No of organized data	5			**	***		AwBA Regional burea' MoWIE	
			3.1.5 Calibrate and validate the database system	No of times	-						AwBA Regional	

Awash Awash sub –Basin Detail Action plan

No	Measures	Activities	Sub activities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
											bureau' MoWIE	
			3.1.6 Stakeholders data entry and report generation (Data mining)	No of times	5			*	**	**	AwBA Regional bureau' MoWIE	
		3.2 Establish Local and Wide area Network (LAN and WAN) Stakeholders Interconnection System	3.2.1 Ensure availability of LAN and WAN equipment's	Pcs	*			*			AwBA Regional bureau' MoWIE	
			3.2.2 Hardware and software installation	No of installation	*			*			AwBA Regional bureau' MoWIE	
			3.2.3 Data sharing	No of connected institutions	1			1			AwBA Regional bureau' MoWIE	
			3.2.4 Ensuring appropriate Interconnection system (Software auditing)	Feedback	3			*	*	*	AwBA Regional bureau' MoWIE	

Awash Awash sub –Basin Detail Action plan

No	Measures	Activities	Sub activities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
4	Stakeholders capacity building	4.1 Human Resource Development	4.1.1 Short Term training for Stakeholders (Experience sharing, On job training...)	No	24		6	6	6	6	AwBA Regional bureau' MoWIE	
			4.1.2 Long Term Training (BSc, MSc, PhD Training)	No							AwBA Regional bureau' MoWIE	
			4.1.3 Skill Development and Documenting Indigenous Knowledge	no of Document	-						AwBA Regional bureau' MoWIE	
		4.2 Institutional Capacity Building	4.1.1 Infrastructure and Facility Development (Stakeholders Training Centre, Branch office)	No							AwBA Regional bureau' MoWIE	
			4.2.2 Improving Institutional Decision Making	no	-						AwBA Regional bureau' MoWIE	

Awash Awash sub –Basin Detail Action plan

No	Measures	Activities	Sub activities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
		4.3 Improve Financial Mechanism & Mg't systems	4.2.3 Strengthen Multi-stakeholders Interconnectivity Structure	Networking focal person (Box)???							AwBA Regional bureau' MoWIE	
			4.3.1 Adequate Funding for Stakeholders Management Activities (Sugar corporation, Donors, MoWIE, Ethio-Wetland, AfDB, AIB)	Birr	320,000		80000	80000	80000	80000	MoFC, Regional bureau' MoWIE,	
			4.3.2 Strengthening Micro-financing at Grass Root Level	Birr	-							
			4.3.3 Support stakeholders meeting Local financing	Birr	32,000		8000	8000	8000	8000	Ethio-Wetland, AfDB, AIB Users, Sugar corporation Regional bureau' MoWIE,,Aw BA	
5	Develop Joint	5.1 Develop Joint	5.1.1 Identify key issues demanding DSS	Types of Issue/No	5			*			AwBA Regional	

Awash Awash sub –Basin Detail Action plan

No	Measures	Activities	Sub activities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
	Stakeholders Decision Support System (DSS)	Stakeholders DSS									bureau' MoWIE	
			5.1.2 identify develop adopt relevant DSS tools	Types of DSS	5			*			AwBA Regional bureau' MoWIE	
		5.2implement joint stakeholders DSS	5.2.1 Identify DSS implementing stakeholders	no of issues	3			*			AwBA Regional bureau' MoWIE	
			implement DSS	Types of DSS	5			*			AwBA Regional bureau' MoWIE	
6	Prepare Stakeholders Management Protocols	6.1 Design and Develop Stakeholders Management Protocols	6.1.1 Assess, Review and develop multi-stakeholders protocols document	no	5			*			AwBA Regional bureau' MoWIE	
			6.1.2 Prepare Protocols for stakeholders management	no	5				*		AwBA Regional bureau' MoWIE	

Awash Awash sub –Basin Detail Action plan

No	Measures	Activities	Sub activities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
			6.1.3 Approval of Multi-stakeholders Protocols Document	no	5				*		AwBA Regional bureau' MoWIE	
		6.2 Implement Stakeholders Management Protocols	6.2.1 Prepare Enforcement Mechanism	Doc	-						AwBA Regional bureau' MoWIE	
			6.2.2 Refining protocol	p/d	-						AwBA Regional bureau' MoWIE	
			6.2.3 Dissemination of approved Multi-stakeholders protocols document	frq	5				*		AwBA Regional bureau' MoWIE	

Awash Halidebi Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
1	Ensuring participation of key stakeholders	1.1 Organize stakeholders meetings	1.1.1 Identify participating key stakeholders (Water users, Regulators and Collaborators)	No of participants	240		80		80	80	AwBA Regional bureau' MoWIE	
			1.1.2 Organize and facilitate field visits and meetings at different levels	No of visits/meetings	3		1		1	1	AwBA Regional bureau' MoWIE	
			1.1.3 Documenting stakeholders meetings	Type of issues/No of folders	3		1		1	1	AwBA Regional bureau' MoWIE	
			1.1.4 Disseminate minutes of meetings	No of minutes	3		1		1	1	AwBA Regional bureau' MoWIE	
		1.2 Establish MOU among stakeholders	1.2.1 Drafting MoU document	No of MoU	5		*	**	**		AwBA Regional bureau' MoWIE	
			1.2.2 Discussion and approval of MoU	No of MoU	5		*	**	**		AwBA	
			1.2.3 Signing MoU among stakeholders	No of MoU	5		*	**	**	-	Regional bureau' MoWIE	

Awash Halidebi Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
2	Establishing multi-stakeholders interconnectivity platform	2.1 Select proper multi-stakeholders platform	2.1.1 Identify modern and traditional multistakeholders Platforms	No of platforms	10		*				AwBA Regional burea' MoWIE	
			2.1.2 Select appropriate stakeholders platforms Stakeholders mapping - Development of a common agenda	No of platforms	5		*				AwBA Regional burea' MoWIE	
		2.2 Prepare stakeholders Platforms	2.2.1 Develop multi-stakeholders (establishment) platform document	No of Document	5		**	***			AwBA Regional burea' MoWIE	
			2.2.2 Approval of multi-stakeholders platform document	No of Document	5		**	***			AwBA Regional burea' MoWIE	
			2.2.3 Dissemination of approved multistakeholders platform document	No of Document	5		**	***			AwBA Regional burea' MoWIE	
3	Develop Stakehol	3.1 Develop Stakeholde	3.1.1 Training on stakeholders database management & Networking system	No of Trainees	3			3	3		AwBA Regional	

Awash Halidebi Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
	Interconnectivity Data Management and Networking System	Interconnectivity Data Management System (database)									bureau' MoWIE	
			3.1.2 Select and Develop the appropriate database system	Types of database	1			*			AwBA Regional bureau' MoWIE	
			3.1.3 Preparing stakeholders Database Operational Manual	No of Document	1			*			AwBA Regional bureau' MoWIE	
			3.1.4 Collect, identify and organize the stakeholders data	No of organized data	5			**	***		AwBA Regional bureau' MoWIE	
			3.1.5 Calibrate and validate the database system	No of times	-						AwBA Regional bureau' MoWIE	
			3.1.6 Stakeholders data entry and report generation (Data mining)	No of times	5			*	**	**	AwBA Regional bureau' MoWIE	
		3.2 Establish Local and	3.2.1 Ensure availability of LAN and WAN equipment's	Pcs	2			*			AwBA Regional	

Awash Halidebi Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
		Wide area Network (LAN and WAN) Stakeholders Interconnection System									burea'MoWIE	
			3.2.2 Hardware and software installation	No of installation	2			**			AwBA Regional burea'MoWIE	
			3.2.3 Data sharing	No of connected institutions	1			1			AwBA Regional burea'MoWIE	
			3.2.4 Ensuring appropriate Interconnection system (Software auditing)	Feedback	3			*	*	*	AwBA Regional burea'MoWIE	
4	Stakeholders capacity building	4.1 Human Resource Development	4.1.1 Short Term training for Stakeholders (Experience sharing, On job training...)	No	15		5	5	5	5	AwBA Regional burea'MoWIE	
			4.1.2 Long Term Training (BSc, MSc, PhD Training)	No	1			1			AwBA Regional burea'MoWIE	
			4.1.3 Skill Development and Documenting Indigenous Knowledge	no of Document	-						AwBA Regional	

Awash Halidebi Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
											bureau MoWIE	
		4.2 Institutional Capacity Building	4.1.1 Infrastructure and Facility Development (Stakeholders Training Centre, Branch office)	No	1			1			AwBA Regional bureau MoWIE	
			4.2.2 Improving Institutional Decision Making	no	-						AwBA Regional bureau MoWIE	
			4.2.3 Strengthen Multi-stakeholders Interconnectivity Structure	Networking focal person (Box)???	1			1			AwBA Regional bureau MoWIE	
		4.3 Improve Financial Mechanism & Mg't systems	4.3.1 Adequate Funding for Stakeholders Management Activities (Sugar corporation, Donors, MoWIE, Ethio-Wetland, AfDB, AIB)	Birr	240,000		80000		80000	80000	MoFC, Regional bureau MoWIE,	
			4.3.2 Strengthening Micro-financing at Grass Root Level	Birr	-							
			4.3.3 Support stakeholders meeting Local financing	Birr	24,000		8000		8000	8000	Ethio-Wetland, AfDB, AIB Users, Sugar corporation Regional	

Awash Halidebi Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
											bureau' MoWIE,,AwBA	
5	Develop Joint Stakeholders Decision Support System (DSS)	5.1Develop Joint Stakeholders DSS	5.1.2 identify develop adopt relevant DSS tools	Types of DSS	5			*			AwBA Regional bureau' MoWIE	
		5.2 Implement joint stakeholders DSS	5.2.1 Identify DSS implementing stakeholders	no of issues	3			*			AwBA Regional bureau' MoWIE	
			implement DSS	Types of DSS	5			*			AwBA Regional bureau' MoWIE	
6	Prepare Stakeholders Management Protocols	6.1 Design and Develop Stakeholders Management Protocols	6.1.1 Assess, Review and develop multi-stakeholders protocols document	no	5			*			AwBA Regional bureau' MoWIE	
			6.1.2 Prepare Protocols for stakeholders management	no	5				*		AwBA Regional bureau' MoWIE	

Awash Halidebi Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
			6.1.3 Approval of Multi-stakeholders Protocols Document	no	5				*		AwBA Regional bureau MoWIE	
		6.2 Implement Stakeholders Management Protocols	6.2.1 Prepare Enforcement Mechanism	Doc	-						AwBA Regional bureau MoWIE	
			6.2.2 Refining protocol	p/d	-						AwBA Regional bureau MoWIE	
			6.2.3 Dissemination of approved Multi-stakeholders protocols document	frq	5				*		AwBA Regional bureau MoWIE	
											AwBA Regional bureau MoWIE	

Awash Adayitu Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
1	Ensuring participation of key stakeholders	1.1 Organize stakeholders meetings	1.1.1 Identify participating key stakeholders (Water users, Regulators and Collaborators)	No of participants	160			80		80	AwBA Regional bureau' MoWIE	
			1.1.2 Organize and facilitate field visits and meetings at different levels	No of visits/meetings	2			1		1	AwBA Regional bureau' MoWIE	
			1.1.3 Documenting stakeholders meetings	Type of issues/No of folders	2			1		1	AwBA Regional bureau' MoWIE	
			1.1.4 Disseminate minutes of meetings	No of minutes	2			1		1	AwBA Regional bureau' MoWIE	
		1.2 Establish MOU among stakeholders	1.2.1 Drafting MoU document	No of MoU	5		*	**	**		AwBA Regional bureau' MoWIE	
			1.2.2 Discussion and approval of MoU	No of MoU	5		*	**	**		AwBA	
			1.2.3 Signing MoU among stakeholders	No of MoU	5		*	**	**	-	Regional bureau' MoWIE	

Awash Adayitu Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
2	Establishing multi-stakeholders interconnectivity platform	2.1 Select proper multi-stakeholders platform	2.1.1 Identify modern and traditional multistakeholders Platforms	No of platforms	10		*				AwBA Regional bureau' MoWIE	
		2.2 Prepare stakeholder s Platforms	2.2.1 Develop multi-stakeholders (establishment) platform document	No of Document	5		**	***			AwBA Regional bureau' MoWIE	
			2.2.2 Approval of multi-stakeholders platform document	No of Document	5		**	***			AwBA Regional bureau' MoWIE	
			2.2.3 Dissemination of approved multistakeholders platform document	No of Document	5		**	***			AwBA Regional bureau' MoWIE	
3	Develop Stakeholders Interconnectivity Data Management	3.1 Develop Stakeholders Interconnectivity Data Management System (database)	3.1.1 Training on stakeholders database management & Networking system	No of Trainees	6			3	3		AwBA Regional bureau' MoWIE	
			3.1.2 Select and Develop the appropriate database system	Types of database	1			*			AwBA Regional bureau' MoWIE	

Awash Adayitu Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
	Measurement and Networking System		3.1.3 Preparing stakeholders Database Operational Manual	No of Document	1			*			AwBA Regional burea' MoWIE	
			3.1.4 Collect, identify and organize the stakeholders data	No of organized data	5			**	***		AwBA Regional burea' MoWIE	
			3.1.5 Calibrate and validate the database system	No of times							AwBA Regional burea' MoWIE	
			3.1.6 Stakeholders data entry and report generation (Data mining)	No of times	5			*	**	**	AwBA Regional burea' MoWIE	
		3.2 Establish Local and Wide area Network (LAN and WAN) Stakeholders Interconnection System	3.2.1 Ensure availability of LAN and WAN equipment's	Pcs	1			*			AwBA Regional burea' MoWIE	
			3.2.2 Hardware and software installation	No of installation	1			**			AwBA Regional burea' MoWIE	
			3.2.3 Data sharing	No of connected institution	1			1			AwBA Regional	

Awash Adayitu Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
				s							bureau' MoWIE	
			3.2.4 Ensuring appropriate Interconnection system (Software auditing)	Feedback	3			*	*	*	AwBA Regional bureau' MoWIE	
4	Stakeholders capacity building	4.1 Human Resource Development	4.1.1 Short Term training for Stakeholders (Experience sharing, On job training...)	No	20		5	5	5	5	AwBA Regional bureau' MoWIE	
			4.1.2 Long Term Training (BSc, MSc, PhD Training)	No							AwBA Regional bureau' MoWIE	
			4.1.3 Skill Development and Documenting Indigenous Knowledge	no of Document							AwBA Regional bureau' MoWIE	
		4.2 Institutional Capacity Building	4.1.1 Infrastructure and Facility Development (Stakeholders Training Centre, Branch office)	No							AwBA Regional bureau' MoWIE	
			4.2.2 Improving Institutional Decision Making	no							AwBA Regional bureau' MoWIE	

Awash Adayitu Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
			4.2.3 Strengthen Multi-stakeholders Interconnectivity Structure	Networking focal person (Box)???	1			1			AwBA Regional burea' MoWIE	
		4.3 Improve Financial Mechanism & Mg't systems	4.3.1 Adequate Funding for Stakeholders Management Activities (Sugar corporation, Donors, MoWIE, Ethio-Wetland, AfDB, AIB)	Birr	160,000			80000		80000	AwBA Regional burea' MoWIE	
			4.3.2 Strengthening Micro-financing at Grass Root Level	Birr							MoFC, Regional burea' MoWIE,	
			4.3.3 Support stakeholders meeting Local financing	Birr	16,000			8000		8000		
5	Develop Joint Stakeholders Decision Support System (DSS)	5.1 Develop Joint Stakeholders DSS	5.1.1 Identify key issues demanding DSS	Types of Issue/No	5			*			Ethio-Wetland, AfDB, AIB Users, Sugar corporation Regional burea' MoWIE,, AwBA	
			5.1.2 identify develop adopt relevant DSS tools	Types of DSS	5			*			AwBA Regional burea' MoWIE	
		5.2 Implement joint stakeholders DSS	5.2.1 Identify DSS implementing stakeholders	no of issues	3			*			AwBA Regional burea' MoWIE	

Awash Adayitu Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
			implement DSS	Types of DSS	5			*			AwBA Regional bureau MoWIE	
6	Prepare Stakeholders Management Protocols	6.1 Design and Develop Stakeholders Management Protocols	6.1.1 Assess, Review and develop multi-stakeholders protocols document	no	5			*			AwBA Regional bureau MoWIE	
			6.1.2 Prepare Protocols for stakeholders management	no	5				*		AwBA Regional bureau MoWIE	
			6.1.3 Approval of Multi-stakeholders Protocols Document	no	5				*		AwBA Regional bureau MoWIE	
		6.2 Implement Stakeholders Management Protocols	6.2.1 Prepare Enforcement Mechanism	Doc							AwBA Regional bureau MoWIE	
			6.2.2 Refining protocol	p/d		5					AwBA Regional bureau MoWIE	

Awash Adayitu Sub-Basin Detail action plan

No	Measures	Activities	Subactivities	unit	2009-2012	Plan Year					Owner (Action Owner)	Budget
						2008	2009	2010	2011	2012		
			6.2.3 Dissemination of approved Multi-stakeholders protocols document	frq		5			*		AwBA Regional bureau' MoWIE	
											AwBA Regional bureau' MoWIE	

Awash Terminal Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
1	Ensuring participa tion of key stakehol ders	1.1 Organize stakeholder s meetings	1.1.1 Identify participating key stakeholders (Water users, Regulators and Collaborators)	No of participant s	240		80	80	80		AwBA Regional burea' MoWIE	
			1.1.2 Organize and facilitate field visits and meetings at different levels	No of visits/mee tings	3		1	1	1		AwBA Regional burea' MoWIE	
			1.1.3 Documenting stakeholders meetings	Type of issues/No of folders	3		1	1	1		AwBA Regional burea' MoWIE	
			1.1.4 Disseminate minutes of meetings	No of minutes	3		1	1	1		AwBA Regional burea' MoWIE	
		1.2 Establish MOU among stakeholder s	1.2.1 Drafting MoU document	No of MoU	5		*	**	**		AwBA Regional burea' MoWIE	
			1.2.2 Discussion and approval of MoU	No of MoU	5		*	**	**		AwBA	
			1.2.3 Signing MoU among stakeholders	No of MoU	5		*	**	**		Regional burea' MoWIE	

Awash Terminal Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
2	Establish ing multi- stakehol ders intercon nectivity platform	2.1 Select proper multi- stakeholders platform	2.1.1 Identify modern and traditional multistakeholders Platforms	No of platforms	10		*				AwBA Regional burea’MoWIE	
			2.1.2 Select appropriate stakeholders platforms	No of platforms	5		*				AwBA Regional burea’MoWIE	
			Stakeholders mapping - Development of a common agenda									
		2.2 Prepare stakeholder s Platforms	2.2.1 Develop multi-stakeholders (establishment) platform document	No of Document	5		**	***			AwBA Regional burea’MoWIE	
			2.2.2 Approval of multi- stakeholders platform document	No of Document	5		**	***			AwBA Regional burea’MoWIE	
			2.2.3 Dissemination of approved multistakeholders platform document	No of Document	5		**	***			AwBA Regional burea’MoWIE	

Awash Terminal Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
3	Develop Stakeholders Interconnectivity Data Management and Networking System	3.1 Develop Stakeholders Interconnectivity Data Management System (database)	3.1.1 Training on stakeholders database management & Networking system	No of Trainees	6			3	3		AwBA Regional burea' MoWIE	
			3.1.2 Select and Develop the appropriate database system	Types of database	1			*			AwBA Regional burea' MoWIE	
			3.1.3 Preparing stakeholders Database Operational Manual	No of Document	1			*			AwBA Regional burea' MoWIE	
			3.1.4 Collect, identify and organize the stakeholders data	No of organized data	5			**	***		AwBA Regional burea' MoWIE	
			3.1.5 Calibrate and validate the database system	No of times	-						AwBA Regional burea' MoWIE	
			3.1.6 Stakeholders data entry and report generation (Data mining)	No of times	5			*	**	**	AwBA Regional burea' MoWIE	

Awash Terminal Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
		3.2 Establish Local and Wide area Network (LAN and WAN) Stakeholders Interconnect ion System	3.2.1 Ensure availability of LAN and WAN equipment's	Pcs	1			*			AwBA Regional burea'MoWIE	
			3.2.2 Hardwaer and software installation	No of installatio n	1			**			AwBA Regional burea'MoWIE	
			3.2.3 Data sharing	No of connected institution s	1			1			AwBA Regional burea'MoWIE	
			3.2.4 Ensuring appropriate Interconnection system (Software auditing)	Feedback	3			*	*	*	AwBA Regional burea'MoWIE	
4	Stakehol ders capacity building	4.1 Human Resource Developme nt	4.1.1 Short Term training for Stakeholders (Experience sharing, On job training...)	No	15		5	5	5	5	AwBA Regional burea'MoWIE	
			4.1.2 Long Term Training (BSc, MSc, PhD Training)	No	1				1		AwBA Regional burea'MoWIE	

Awash Terminal Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
			4.1.3 Skill Development and Documenting Indigenous Knowledge	no of Document	-						AwBA Regional burea' MoWIE	
		4.2 Institutional Capacity Building	4.1.1 Infrastructure and Facility Development (Stakeholders Training Centre, Branch office)	No	1				1		AwBA Regional burea' MoWIE	
			4.2.2 Improving Institutional Decision Making	no	-						AwBA Regional burea' MoWIE	
			4.2.3 Strengthen Multi-stakeholders Interconnectivity Structure	Networkin g focal person (Box)???	1			1			AwBA Regional burea' MoWIE	
		4.3 Improve Financial Mechanism & Mg't systems	4.3.1 Adequate Funding for Stakeholders Management Activities (Sugar corporation, Donors, MoWIE, Ethio-Wetland, AfDB, AIB)	Birr	240,000		800 00	80000	8000 0		MoFC, Regional burea' MoWIE,	
			4.3.2 Strengthening Micro-financing at Grass Root Level	Birr	-							

Awash Terminal Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
			4.3.3 Support stakeholders meeting Local financing	Birr	24,000		8000	8000	8000		Ethio-Wetland, AfDB, AIB Users, Sugar corporation Regional burea' MoWIE,,AwBA	
5	Develop Joint Stakeholders Decision Support System (DSS)	5.1Develop Joint Stakeholders DSS	5.1.1 Identify key issues demanding DSS	Types of Issue/No	5			*			AwBA Regional burea' MoWIE	
			5.1.2 identify develop adopt relevant DSS tools	Types of DSS	5			*			AwBA Regional burea' MoWIE	
		5.2 Implement joint stakeholders DSS	5.2.1 Identify DSS implementing stakeholders	no of issues	3			*			AwBA Regional burea' MoWIE	
			implement DSS	Types of DSS	5			*			AwBA Regional burea' MoWIE	
6	Prepare Stakehol	6.1 Design and Develop Stakeholders	6.1.1 Assess, Review and develop multi-stakeholders protocols document	no	5			*			AwBA Regional	

Awash Terminal Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
	ders Manage ment Protocols	Managemen t Protocols									burea'MoWIE	
			6.1.2 Prepare Protocols for stakeholders management	no	5				*		AwBA Regional burea'MoWIE	
			6.1.3 Approval of Multi-stakeholders Protocols Document	no	5				*		AwBA Regional burea'MoWIE	
		6.2 Implement Stakeholders Managemen t Protocols	6.2.1 Prepare Enforcement Mechanism	Doc	-						AwBA Regional burea'MoWIE	
			6.2.2 Refining protocol	p/d	5						AwBA Regional burea'MoWIE	
			6.2.3 Dissemination of approved Multi-stakeholders protocols document	frq	5				*		AwBA Regional burea'MoWIE	

Easter Catchment Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
1	Ensuring participation of key stakeholders	1.1 Organize stakeholder s meetings	1.1.1 Identify participating key stakeholders (Water users, Regulators and Collaborators)	No of participants	640		160	160	160	160	AwBA Regional bureau' MoWIE	
			1.1.2 Organize and facilitate field visits and meetings at different levels	No of visits/meetings	8		2	2	2	2	AwBA Regional bureau' MoWIE	
			1.1.3 Documenting stakeholders meetings	Type of issues/No of folders	8		2	2	2	2	AwBA Regional bureau' MoWIE	
			1.1.4 Disseminate minutes of meetings	No of minutes	8		2	2	2	2	AwBA Regional bureau' MoWIE	
		1.2 Establish MOU among stakeholders	1.2.1 Drafting MoU document	No of MoU	5		*	**	**	-	AwBA Regional bureau' MoWIE	
			1.2.2 Discussion and approval of MoU	No of MoU	5		*	**	**	-	AwBA	
			1.2.3 Signing MoU among stakeholders	No of MoU	5		*	**	**	-	Regional bureau' MoWIE	

Easter Catchment Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
2	Establis hing multi- stakehol ders intercon nectivity platform	2.1 Select proper multi- stakeholders platform	2.1.1 Identify modern and traditional multistakeholders Platforms	No of platforms	10		*				AwBA Regional burea' MoWIE	
			2.1.2 Select appropriate stakeholders platforms	No of platforms	5		*				AwBA Regional burea' MoWIE	
		2.2 Prepare stakeholder s Platforms	Stakeholders mapping - Development of a common agenda	No of platforms	5		*				AwBA Regional burea' MoWIE	
			2.2.1 Develop multi-stakeholders (establishment) platform document	No of Document	5		**	***			AwBA Regional burea' MoWIE	
			2.2.2 Approval of multi-stakeholders platform document	No of Document	5		**	***			AwBA Regional burea' MoWIE	
			2.2.3 Dissemination of approved multistakeholders platform document	No of Document	5		**	***			AwBA Regional burea' MoWIE	

Easter Catchment Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
3	Develop Stakeholders Interconnectivity Data Management and Networking System	3.1 Develop Stakeholders Interconnectivity Data Management System (database)	3.1.1 Training on stakeholders database management & Networking system	No of Trainees	10			5	5		AwBA Regional burea'MoWIE	
			3.1.2 Select and Develop the appropriate database system	Types of database	1			*			AwBA Regional burea'MoWIE	
			3.1.3 Preparing stakeholders Database Operational Manual	No of Document	1			*			AwBA Regional burea'MoWIE	
			3.1.4 Collect, identify and organize the stakeholders data	No of organized data	5			**	***		AwBA Regional burea'MoWIE	
			3.1.5 Calibrate and validate the database system	No of times							AwBA Regional burea'MoWIE	
			3.1.6 Stakeholders data entry and report generation (Data mining)	No of times	5			*	**	**	AwBA Regional burea'MoWIE	

Easter Catchment Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
		3.2 Establish Local and Wide area Network (LAN and WAN) Stakeholders Interconnecti on System	3.2.1 Ensure availability of LAN and WAN equipment's	Pcs	2			*			AwBA Regional burea'MoWIE	
			3.2.2 Hardware and software installation	No of installation	2			**			AwBA Regional burea'MoWIE	
			3.2.3 Data sharing	No of connected institutions	2			2			AwBA Regional burea'MoWIE	
			3.2.4 Ensuring appropriate Interconnection system (Software auditing)	Feedback	3			*	*	*	AwBA Regional burea'MoWIE	
4	Stakehol ders capacity building	4.1 Human Resource Developme nt	4.1.1 Short Term training for Stakeholders (Experience sharing, On job training...)	No	20		5	5	5	5	AwBA Regional burea'MoWIE	
			4.1.2 Long Term Training (BSc, MSc, PhD Training)	No	1					1	AwBA Regional burea'MoWIE	

Easter Catchment Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
			4.1.3 Skill Development and Documenting Indigenous Knowledge	no of Document							AwBA Regional burea' MoWIE	
		4.2 Institutional Capacity Building	4.1.1 Infrastructure and Facility Development (Stakeholders Training Centre, Branch office)	No	1					1	AwBA Regional burea' MoWIE	
			4.2.2 Improving Institutional Decision Making	no							AwBA Regional burea' MoWIE	
			4.2.3 Strengthen Multi-stakeholders Interconnectivity Structure	Networkin g focal person (Box)???	2			2			AwBA Regional burea' MoWIE	
		4.3 Improve Financial Mechanism & Mg't systems	4.3.1 Adequate Funding for Stakeholders Management Activities (Sugar corporation, Donors, MoWIE, Ethio-Wetland, AfDB, AIB)	Birr	640,000		160000	160000	160000	160000	MoFC, Regional burea' MoWIE,	
			4.3.2 Strengthening Micro-financing at Grass Root Level	Birr								

Easter Catchment Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
			4.3.3 Support stakeholders meeting Local financing	Birr	64,000		16000	16000	16000	16000	Ethio-Wetland, AfDB, AIB Users, Sugar corporation Regional burea' MoWIE,, AwBA	
5	Develop Joint Stakeholders Decision Support System (DSS)	5.1Develop Joint Stakeholders DSS	5.1.1 Identify key issues demanding DSS	Types of Issue/No	5			*			AwBA Regional burea' MoWIE	
			5.1.2 identify develop adopt relevant DSS tools	Types of DSS	5			*			AwBA Regional burea' MoWIE	
		5.2 Implement joint stakeholders DSS	5.2.1 Identify DSS implementing stakeholders	no of issues	3			*			AwBA Regional burea' MoWIE	
			implement DSS	Types of DSS	5			*			AwBA Regional burea' MoWIE	

Easter Catchment Sub-Basin Detail action plan

No	Measure s	Activities	Sub activities	unit	2009- 2012	Plan Year					Owner (Action Owner)	Bud get
						2008	2009	2010	2011	2012		
6	Prepare Stakehol ders Manage ment Protocol s	6.1 Design and Develop Stakeholders Managemen t Protocols	6.1.1 Assess, Review and develop multi-stakeholders protocols document	no	5			*			AwBA,Regional burea'MoWIE	
			6.1.2 Prepare Protocols for stakeholders management	no	5				*		AwBA,Regional burea'MoWIE	
			6.1.3 Approval of Multi-stakeholders Protocols Document	no	5				*		AwBA,Regional burea'MoWIE	
		6.2 Implement Stakeholders Managemen t Protocols	6.2.1 Prepare Enforcement Mechanism	Doc							AwBA,Regional burea'MoWIE	
			6.2.2 Refining protocol	p/d	5						AwBA,Regional burea'MoWIE	
			6.2.3 Dissemination of approved Multi-stakeholders protocols document	frq	5				*		AwBA,Regional burea'MoWIE	

6. RISK MANAGEMENT

6.1 Planning Assumptions

During the planning period different conditions have considered for smooth implementation of the plan. The assumptions are categorized under ethics and social, legal and political and capacity building which are listed as follows.

Ethics & social

- All stakeholders (users /abusers, regulators, and developers/collaborators) shall respect water ethics
- Adequate understanding of the tradition and culture of the local people within the basin (Accommodate Diversity)
- Legal & Politics
- Regulators shall establish all relevant water codes and institutions
- Social and political stability shall continue in the river basin (Good water governance)
- Capacity building
- All stakeholders' capacity shall improve and fully engage in implementation and Decisions.
- Adequate internal and external financial and technical support shall be allocated (Adequate funds should be allocated)
- Government should continue the ongoing infrastructure development in urban and rural areas (road, electricity, etc.)
- All stakeholders (users /abusers, regulators and developers/collaborators) shall own and implement the strategic basin plan
-
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6.2 Expected Challenges

- Financial scarcity
- limited capacity of performance
- Inadequate accountability
- less commitment
- Lack of communication access and knowledge

6.2 Possible Solutions

- Improve stakeholders financial contribution
- Capacitate and empower stakeholders at all level
- Set up appropriate legal framework, create awareness and put in place law enforcement

7. MONITORING AND EVALUATION SYSTEM MECHANISMS

The main objective of monitoring and evaluation system is to ensure implementation stakeholders' management plan. The monitoring and evaluation system provides a tool to follow progress in achievement of planned targets, maintain the coherence and integration of the overall activities.

Monitoring is a continuous process which provides information to the stakeholders and about the progress and it ensures that the implementation process is maintained according to the plan. Stakeholder's management plan evaluation is a systematic process that reviews effectiveness, impact and outcome through collection and analysis of data on the performance of implementation. This can be realized with detail and pre-agreed indicators, criteria, actors, calendars and budget.

Self and jointly monitoring will be conducted quarterly and annually respectively. Self monitoring will be done by action owner itself, while joint monitoring will be conducted by relevant stakeholders. Monitoring feedback will be forwarded at the end of joint monitoring once a year.

Evaluation will be conducted by executive's bodies, action owners, and users. It will be done at the mid and end of the strategic plan year. In this regards Awash Basin Authority will hold the leading actor for initiating and implementing the monitoring and evaluation of the plan.

Action owners prepare and submit annual progress or implementation assessment reports, to Awash Basin Authority, which serves as a basis for the reports prepared by Awash Basin Authority. Finally, all essential information will be provided to the BHC annually.

8. REFERENCE

1. The Federal Democratic Republic of Ethiopia Ministry of Water Resources;“Ethiopian Water Sector Policy and Strategy”, 2001
2. River Basin Councils and Authorities Proclamation No. 534/2007
3. Awash Basin High Council and Authority Establishment Council of Ministers Regulation No. 156/2008
4. Awash Basin Authority Stakeholders Engagement Plat Form Draft, June 2015.
5. Stakeholder Involvement & Public Participation at the U.S. EPA