## **STEP 3: Diagnose governance institutions**

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Governance institution	Mandate	Туре	Level	S2S segment	S2S sub-segment	Key instruments	Level of implementation	Implementation barriers	Additional comments
Bureau of Agriculture and Natural Resources	This Bureau supports the administration of	Government	National	Freshwater system	220 July Jeginelli	Ethiopia's Constitution (1994), Conservation	227CFOFTIMPICHICITATION	imprementation partiers	Belete (2019) noted their importance in terms of
(Oromia)	proclamations and regulations relating to agriculture and rural development at a state level. As part of its role, it administers fishing regulations, and therefore is connected from the upper catchiment to the endpoint of the system. In terms of sediment in the sub-Basin, the conversion of forest and marginal lands to agriculture, as well as the increase in intensity of land uses, has been a significant driver in sediment flows.					Strategy of Ethiopia (1997), Environmental Policy (1997), Fisheries Development and Utilization Procdamation No. 315/2003, Agriculture and Natural Resources Sector Growth and Transformation Plan II (2015-2020), Climate Resilient Green Economy National Adaptation Plan (2019), Agricultural Development Policy and Strategies (2002), Food security strategy (2002), Sustainable Land Management Investment Framework, Ormain Region Rural Land Administration and Use Regulation No.151/2012, Crompia Plans.			preventing sail erosion from the landscape, and given that this is a main source of sediment, the participation of this Bureau is critical in terms of addressing issues. However, there may be some conflicts or overlaps between this Bureau and others housed within the Regional State Government.
Bureau of Water Resources Development (Oromia)	This regional bureau is responsible for the management and promotion of water activities at a state level. It mainly focuses on the development, operation and maintenance of rural (and urban) water supply systems in the regions; and also irrigation developments.	Government	State	Freshwater system		Ethiopia's Constitution (1994), Conservation Strategy of Ethiopia (1997), Environmental Policy (1997), Irrigation Water Users' Associations Proclamation No. 841/2014, Ethiopian Water Resources Management Regulations Council of Ministers Regulation No. 115/2005, Ethiopian Water Resources Management Proclamation No. 197/2000, Cromia Plans.	Weak		In terms of sediment in the sub-Basin, its chief influence will be through managing expansion of irrigation or activities that are reliant on water and may be a future source of sediment flows.
Environmental Protection Agency (Oromia)	This regional bureau is responsible for the management of the environmental impact of new activities, controlling pollution as well as monitoring the state of the environment. Belete (2019) notes that this Bureau is responsible for developing, conserve, and utilization of forests which is one of the key components in the land-to-lake continuum, supporting policies and strategles from MEFCC at the Federal level. Wetlands identification, delineation, and implementation of community-based management are also done by this bureau.	Government	State	Freshwater system		1977/000. Oromia Pains. Ethiopia's Constitution (1994). Conservation Strategy of Ethiopia (1997), Environmental Policy (1997). Environmental Impact Assessment Proclamation No. 2991/2002. Environmental Pollution Control Proclamation No. 3001/2002. Forest Development, Conservation and Utilization Proclamation No. 1065/2015, Climate Resilient Green Economy Vational Adaptation Plan (2019). A Proclamation to Provide for the Establishment of Oromia Bureau of Land and Environment Protection. Proclamation 147/2009, Oromia Plans	Moderate		In terms of sediment in the sub-Basin, its chief influence will be through managing activities that impact on water quality from point sources such as new development or sand-mining. The participation of this Bureau is critical in terms of addressing issues, especially in regard to the upper catchment forests, woodlands, and wetlands.
Bureau of Agriculture and Natural Resources (SNNPR)	This Bureau supports the administration of proclamations and regulations relating to agriculture and rural development at a state level. As part of its role, it administers fishing regulations, and therefore is connected from the upper catchment to the endpoint of the system. In terms of sediment in the sub-Basin, the conversion of forest and marginal lands to agriculture, as well as the increase in intensity of fland uses, has been a significant driver in sediment flows.	Government	State	Land system		Ethiopia's Constitution (1994), Conservation Strategy of Ethiopia (1997), Environmental Policy (1997), Fisheries Development and Utilization Proclamation No. 315/2003, Agriculture and Natural Resources Sector Growth and Transformation Plan II (2015-2020), Climate Resilient Green Economy National Adaptation Plan (2019), Agricultural Development Led Industrialization, Rural Development Policy and Strategies (2002), Food security strategy (2002), Sustainable Land Management Investment Framework, SNP Regional Government Fisheries Development, Management & Control Regulation (Proclamation No. 62/1999; 78/2004) & Directive (2007), SNNPR Plans, The Southern Nations. Nationalities and Peoples Region furral land Administration and Use Proclamation No. 110/2007.	Strong		Beiete (2019) noted their importance in terms of preventing soil erosion from the landscape, and given that this is a main source of sediment, the participation of this Bureau is critical in terms of addressing issues. However, there may be some conflicts or overlaps between this Bureau and others housed within the Regional State Government.
Bureau of Water Resources Development (SNPPR)	This regional bureau is responsible for the management and promotion of water activities at a state level. It mainly focuses on the development, operation and maintenance of rural (and urban) water supply systems in the regions; and also irrigation developments.	Government	State	Freshwater system		Ethiopia's Constitution (1994), Conservation Strategy of Ethiopia (1997), Environmental Policy (1997), Irrigation Water Users's Associations Proclamation No. 841/2014, Ethiopian Water Resources Management Regulations Council of Ministers Regulation No. 115/2005, Ethiopian Water Resources Management Proclamation No. 197/2000. SNRP Plans.	Weak		In terms of sediment in the sub-Basin, its chief influence will be through managing expansion of irrigation or activities that are reliant on water and may be a future source of sediment flows
Environmental Protection Agency (SNNPR)	This regional bureau is responsible for the management of the environmental impact of new activities, controlling pollution as well as monitoring the state of the environment.	Government	State	Land system		Ethopia's Constitution (1994), Conservation Strategy of Ethiopia (1997), Environmental Policy (1997), Environmental Impact Assessment Proclamation No. 2991/2002, Environmental Pollution Control Proclamation No. 3001/2002, Forest Development, Conservation and Utilization Proclamation No. 1065/2018, Climate Resilient Green Economy National Adaptation Plan (2019), SNNPR Plans	Weak		eleite (2019) notes that this Bureau is responsible for developing, conserve, and utilization of forests which is one of the key components in the land-to-lake continuum, supporting policies and strategies from MEFCC at the Federal level. Wetlands identification, delineation, and implementation of community- based management are also done by this bureau. In terms of sediment in the sub-Basin, its chief influence will be through managing activities that impact on water quality from point sources such as new development or sand- mining. The participation of this Bureau is critical in terms of addressing issues, especially in regard to the upper catchment forests, woordlands, and wetlands.
Hawassa City Administration	This department within the HCA is responsible for managing services relating to solid waste or for urban planning in the urban reas. Inappropriately sited or poorly managed land development can lead to significant flows of sediment directly into Lake Hawassa.	Government	Municipal	Land system		Ethiopia's Constitution (1994), Conservation Strategy of Ethiopia (1997), Environmental Policy (1997), A Proclamation to Provide for Urban Plans Proclamation No. 574/2008, Hawassa City Bylaws, Hawassa City Administration Master Plan	Moderate		The participation of HCA is seen as being important to future actions, but the management of sediment may be a low priority compared with other parts of their mandate
Urban Planning Sanitation and Beautification - HCA	Hawassa. This department within the HCA is responsible for managing services relating to sediment.	Government	Municipal	Land system		Ethiopia's Constitution (1994), Conservation Strategy of Ethiopia (1997), Environmental Policy (1997), A ProCamation to Provide for Urban Plans Proclamation No. 574/2008, Hawassa City Bylaws, Hawassa City Administration Master Plan, SNNPR Plans	Moderate		The participation of this department is seen as being important to future actions, especially in terms of reducing sediment from solid waste, but the management of sediment may be a low priority compared with other parts of their mandate

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Governance institution	Mandate	Туре	Level	S2S segment	S2S sub-segment	Key instruments	Level of implementation	Implementation barriers	Additional comments
Water Supply (HCA)	This department within the HCA is responsible for	Government	Municipal	Freshwater system		Ethiopia's Constitution (1994), Conservation	Weak		However, most local water supply is sourced
	providing water and sanitation services. Increased					Strategy of Ethiopia (1997), Environmental Policy			from deep boreholes at present, and therefore
	sediment can result in an increased cost for the					(1997), A Proclamation to Provide for Urban Plans			sediment may be seen as a low priority.
	provision of water if surface water was the main					Proclamation No. 574/2008, Hawassa City Bylaws,			
	source, through necessary upgrades and increased					Hawassa City Administration Master Plan, Ethiopian	1		
	maintenance of water pumping and distribution					Water Resources Management Regulations Council			
	services.					of Ministers Regulation No. 115/2005, Ethiopian			
						Water Resources Management Proclamation No.			
						197/2000, SNNPR Plans.			
Weredas (Hawassa Zuria, Hawassa Shala etc)	Weredas are responsible for local land management	Government	Local	Land system		Ethiopia's Constitution (1994), Conservation	Weak		Depending on the source, the involvement of
, , , , , , , , , , , , , , , , , , , ,	and the administration of State Legislation and					Strategy of Ethiopia (1997), Environmental Policy			specific Weredas will be critical to managing
	Regulation. The involvement of weredas is critical					(1997), Rural Development Policy and Strategies			sediment flows, but limited resources and
	for managing sediment flows as they provide local					(2002), Food security strategy (2002), Sustainable			capacity to act is a severe limitation.
	resources and coordination of activities, and					Land Management Investment Framework, SNNPR			
	administering local bylaws, regulations or					Plans, Oromia Plans, The Southern Nations.			
	community activities.					Nationalities and Peoples Region Rural Land			
	, , , , , , , , , , , , , , , , , , , ,					Administration and Use Proclamation No.110/2007			
						Oromia Region Rural Land Administration and Use			
						Regulation No.151/2012.			
Kebeles	Within urban areas, kebeles are responsible for	Government	Local	Land system		Ethiopia's Constitution (1994), Conservation	Weak		Depending on the source, the involvement of
	local land management and the administration of					Strategy of Ethiopia (1997), Environmental Policy			specific kebeles will be critical to managing
	local policies. The involvement of urban kebeles are					(1997), Rural Development Policy and Strategies			sediment flows, but limited resources and
	of limited importance for managing sediment flows					(2002), Food security strategy (2002), Sustainable			capacity to act is a severe limitation.
	compared with higher levels of Governance.					Land Management Investment Framework, SNNPR			
						Plans, Oromia Plans, The Southern Nations.			
						Nationalities and Peoples Region Rural Land			
						Administration and Use Proclamation No.110/2007,			
						Oromia Region Rural Land Administration and Use			
						Regulation No.151/2012.			
Affiliation of Friends of Lake Hawassa	This is newly emergent institution whose purpose is	Ad hoc	Basin	Land system		Ethiopia's Constitution (1994), Conservation	Weak		This institution may provide good coordination
	to support coordinated efforts to protect and		ĺ			Strategy of Ethiopia (1997), Environmental Policy			but is mainly voluntary in membership, thereby
	rehabilitate Lake Hawassa from multiple threats. It		ĺ			(1997)			placing limitations on its activities or
	membership comprises representatives from	l	l	İ	l	1	1		coordination capacity.
	multiple different institutions including public,	l	l						
	private, and civil society.	C	No. of const				Moderate		
Hawassa University	,,,,,,,	Government	National	Land system		Ethiopia's Constitution (1994), Conservation	woderate		This institution provides technical support to
	the Governance Baseline as the University system		ĺ			Strategy of Ethiopia (1997), Environmental Policy			other governance institutions, and is playing an
	in Ethiopia has several public obligations as part of		ĺ			(1997)			important role in plan development.
	their role. In this case, they provide some support		ĺ						
	to the development of Basin Plans, such as that of		ĺ						
	Lake Hawassa.				l .		l l		