

Action Area 3.3: Environmental water requirements

Strategic Action	Specific Action	Activity	TB	B	L	N	SA	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Responsibility	
																		Lead	ORASECOM
3.3.1: Basin-wide implementation and M and E programme for agreed preliminary EWRs according to chosen water resources management and development scenario	Formally agree on preliminary EFRs and implementation modalities	Agree on and formalise preliminary EFRs (esp. for the Lower Orange) and timeline for implementation																ORASECOM	Manage
		Approval of implementation plan for preliminary EFRs, including mechanisms for review and revision																ORASECOM	Manage
	Implement preliminary EFRs, including M and E programme	Implementation																Countries	Facilitate
		M and E programme																Countries	Facilitate
3.3.2: Management of the Orange-Senqu Mouth	Implement measures to improve condition of floodplain function (SAP PCN-4)	Remove the remnant causeway that still transects the salt marshes. Control alien invasive plants in the floodplain																Namibia/ Safrica	Facilitate
		Remove the old earth-moving equipment buried in the sand berm near the mouth of the Orange–Senqu River																Namibia/ Safrica	Facilitate
		Control wind-blown dust and wastewater from mining activities																Namibia/ Safrica	Facilitate
		Conduct a Lidar survey of the Orange River mouth to assist with identifying elevated areas that obstruct tidal intrusion and drainage of floodplains after high flow events.																Namibia/ Safrica	Facilitate
		Rationalise the existing dirt-road network crossing the Orange River mouth floodplain to limit impact on estuarine habitat.																Namibia/ Safrica	Facilitate
		Formalise a mouth management plan (i.e. artificial breaching protocol) to provide guidelines for when and how the estuary mouth may be breached.																ORASECOM	Manage
	Improve the status of over-exploited/collapsed species (SAP PCN-4)	Enforce the prohibition of gillnetting in the estuary. Curtail illegal dog hunting and predation by feral dogs on the floodplain and islands																Namibia/ Safrica	Facilitate
		Revisit the boundaries of the site and formal protected areas as well as the planning schemes for Alexander Bay and Oranjemund																Namibia/ Safrica	Facilitate
		Improve management of livestock grazing within the protected sites.																Namibia/ Safrica	Facilitate
3.3.3: Improve knowledge of EFRs, including capacity building, updating of EFRs, and basin-wide implementation	Further work on harmonisation of existing e-flows (SAP PCN-3-Out1) -	Harmonisation of legal and administrative information																ORASECOM	Manage
		Further harmonisation on hydrology and water use																ORASECOM	Manage
		Further harmonisation on ecosystem and resource use																ORASECOM	Manage
	Agree on improved basin-wide flows regime through consulattive process (SAP PCN-3-Out-2)	Update shortlist of basin-wide development/protection scenarios for evaluation by basin states																ORASECOM	Manage
		Basin-wide consultation process conducted for determination of improved/revised e-flows regime for the scenarios shortlisted.																ORASECOM	Manage
		Improved/revised E-flows regime jointly agreed by basin states																ORASECOM	Manage
	Ensure Capacity Building at national and trans-boundary level	Develop a capacity building programme at national and trans-boundary level																ORASECOM	Manage
	Set up and implement compliance monitoring of basin-wide e-flows regime (SAP PCN-Out-3)	Implement legal and administartive regimes inlcuding mechanisms for E-flows, monitoring and compliance programmes and adpative management																Countries	Facilitate
		Implement hyrology and water use regime inlcuding monitoring and compliance programmes and adpative management																Countries	Facilitate
		Implement ecosystem and resource use regime including monitoring and compliance of efficay of E-flows regime in achieving aims																Countries	Facilitate