IOS FIP Workplan – January 2023 revision

Table 2 – proposed Actions to close the gaps

					_	Audit trace
Outputs	Year start	Year End	Time budget	Lead responsibility	Progress	
Report for consideration	Year 1		6 months	Scientific research agency?	Workshop has been completed. Ratnagiri College of Fisheries has completed one year of a two year assessments.	
				Consultant?		Workshop report
Research report	Year 1	End Year 3 - December 2022	24 months	Science agency staff and fishermen?	Research report complete. Next phase is to discuss ongoing data collection	Report
Report	Year 3	End Year 3 - December 2022	12 months	Science agency staff	Research report is complete and peer reviewer has been	Report and copies of emails with researchers re peer
Web page	Year 3	End Year 3 - December 2022	3 months	Science agency staff, FIP project	To be uploaded once peer review is complete	Uploaded
Outputs	Time Table		Time budget	Lead responsibility		
Discussion document Workshop reports	Year 3	End Year 4 - December 2023	12 months	Fisheries agency plus stakeholders from all sardine fisheries	Workshop has been completed. Report sent to MT and loaded on to website (June 2022	Workshop report
	Research report Report Web page Outputs Discussion document Workshop	Report for consideration Research report Year 1 Report Year 3 Web page Year 3 Outputs Time Table Discussion document Vear 3 Workshop	Report for consideration Year 1 Research report Year 1 End Year 3 - December 2022 Report Year 3 End Year 3 - December 2022 Web page Year 3 End Year 3 - December 2022 Outputs Time Table Discussion document Discussion document Workshop Find Year 4 - December 2023	Report for consideration Year 1 End Year 3 - December 2022 Report Year 3 End Year 3 - December 2022 12 months Web page Year 3 End Year 3 - December 2022 Time Table Discussion document Year 3 Find Year 4 - December 2023 Year 3 Workshop	Report for consideration Year 1 End Year 3 - December 2022 Report Year 3 End Year 3 - December 2022 In months Science agency staff and fishermen? Lead responsibility Time Table End Year 4 - December 2023 Workshop Science agency staff, FIP project Time budget Lead responsibility Fisheries agency plus stakeholders from all sardine fisheries Fisheries agency plus stakeholders from all sardine fisheries	Report for consideration Research report Research report Year 1 End Year 3 - December 2022 Report Year 3 End Year 3 - December 2022 To be uploaded once peer review is complete Science agency staff Research report is complete Report Year 3 End Year 3 - December 2022 To be uploaded once peer review is complete Science agency staff Research report is complete Report Year 3 End Year 3 - December 2022 To be uploaded once peer review is complete Science agency staff Research report is complete Report Workshop has been Consultant? Research report complete. Next phase is to discuss ongoing data collection Research report is complete and peer reviewer has been To be uploaded once peer review is complete Time budget Lead responsibility Workshop has been completed. Report sent to MT and loaded on to website (June 2022)

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Table 2 – proposed Actions to close the gaps

Proposed Actions – stock assessment		Year start	Year End	Time budget	Lead responsibility	Progress	Audit trace
Gaps addressedA1.2, A2.1-A2.5	Outputs						
Establish harvest control rules for each sector - There are two sectors for harvest control. ie., Purse seine/ shore seine	Discussion document Workshop	Year 4	End Year 4 - December 2023	12 months	Fisheries agency plus stakeholders from all sardine fisheries	Next phase is to talk with agency fishery managers about establishing harvest control rules	
Prepare and publish regulations to give effect to control rules	reports Advisory document	Year 5		6 months?	Fisheries agency and law makers		
Proposed Actions – Monitoring, Control and	Outputs	Time Table		Time budget	Lead responsibility		
Clarify MCS arrangements in Maharashta State - VTS rules should be available.	Short report	Year 1		3 months	FIP support consultant and		
Liaise with government officials over the need for proper resourcing for MCS - Secretary Director of Goa Fisheries department has said that enforcement is his top priority	Meetings	Year 3	Mid 2022	6 months (and repeat if required)	FIP members	See letters from Goa and Marashtra 2 January 2021	Copies of correspondence and updates
Document MCS activities in both Goa and	Short report	Year 1		12 months	FIP support consultant and		
Document how MCS efforts work towards implementation of national policy	Report	Year 3	Mid 2022	3 months	MCS Consultant and agency staff	Completed January 2023	Report submitted to Marin Trust
Proposed Actions – ecosystem impacts Gaps addressedF3.1-F3.3	Outputs	Time Table		Time budget	Lead responsibility		
Update and extend current Ecosim with Ecopath (EwE) model for SW India. Include climate change effects and effects of predators such as dolphins	Report	Year 3	End Year 3 - December 2022	12 months	Science agency staff	Literature obtained and discussions held with	Literature and email correspondence
Model and evaluate the effects of the fishery of interest and other sardine fisheries. Workshop with stakeholders	Report	Year 4	End Year 4 - December 2024	6 months	Science agency staff	To be undertaken once EwE model is prepared	
Discussions with agency about fishery planning (i.e. management plan preparations		Year 4		12 months	Fisheries management staff and stakeholders		
Incorporate any of the important results of the	Fishery	Year 5		6 months	Fisheries management staff		

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Table 2 – proposed Actions to close the gaps

Proposed Actions – stock assessment	Outputs	Year start	Year End	Time budget	Lead responsibility	Progress	Audit trace
Gaps addressedA1.2, A2.1-A2.5							
modelling into the fishery planning.	regulations				and stakeholders		
Proposed Actions – protected, endangered							
and threatened species	Outputs	Time Table		Time budget			
Gaps addressedF3.1-F3.3							
Detailed review of literature, including any	Report	Year 3			agency staff	Visits to College of Fisheries	Email correspondence
local projects, that may have researched this						and searches for existing	
area - Dr Shirdhankar from the Ratnagiri				6months		information have been carried out	
college of fisheries will give data to fill the gaps							
					Committees		
Vessel based observer work -CIFT may have	Report	Year 3		24 months	Consultant,	Research papers obtained	Literature and email
some information based on vessel based work					fishermen and	from CIFT and gaps identified.	correspondence
looking at dolphin depredation					science support		
roposed Actions – other retained species	Outputs	Time Table			Lead responsibility		
Maite to DC Ctendende negorializathe control							
Write to RS Standards regarding the unit of	Email exchange	Already done		Completed	FIP consultant	Commission	
assessment	Chart ranget on					Completed	
5	Short report on	Year 1		3 months	Local consultant	Considerati	
they caught when fishing for sardines using the	тпаскегет					Completed	
Detailed review of literature, including any	Ch t t	t Year 1		3 months	FIP support	Consideration	
' ' '	Short report				consultant plus	Completed	
area					agency staff and		
Observer based catch sampling	Report	Year 3	End Year 3 -	24 months	Science providers	Completed	
			December 2022		and fishermen		