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WORKPLAN

The South African Offshore Trawl Bycatch Fishery Conservation Project (FCP)

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This Workplan lists improvement actions that the Parties agree will be addressed in this FCP. It supports the accomplishment of selected DAFF planned work activities regarding the hake offshore trawl sector's ecological impacts as identified in the DAFF Demersal Research 2016 document (FISHERIES/2016/MAR/SWG-DEM/02-DAFF Demersal Research 2016). It further follows on the report prepared for the Responsible Fisheries Alliance in March 2015 (Greenstone, 2015) on the SASSI ratings of offshore trawl bycatch species and the subsequent discussions with SADSTIA in April and December 2015.

Item	Action description	Responsibility	Timeframe	SASSI Question Impacted & DSWG Research Activity #:	Budget / Resources
1.	Stakeholder mapping and engagement process whereby key parties are identified and a representative number of rights holders in the sector agree to participate in the FCP. Key parties are those people/organisations who would play an essential role in making improvements in the fishery including government representatives, industry, environmental NGOs and the scientific community.	WWF-SA Lead; SADSTIA	3 months	N/A	2 days WWF-SA Y1.

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2.	<p>Quantify discards down to the species level (where possible) for target, Non-Target Species*, and, endangered, threatened, protected, overfished and vulnerable (collectively, ETP**) species. To accomplish this, the following is envisioned:</p> <ul style="list-style-type: none"> • SADSTIA/CapMarine observer programme collects the appropriate data. • A scientist contracted by SADSTIA analyses the data on a periodic basis, e.g. every six months, for at least two years. 	SADSTIA contracting CapMarine with support from DAFF	1 year to implement; ongoing thereafter	SASSI: Q7; Q8; Q10 DSWG: A8, A9, C4	2 days WWF-SA Y1 1 day WWF-SA Y2 1 day WWF-SA Y3 SADSTIA: Included in current R 1 000 000/ annum contract with CapMarine (includes action 3 below)
3.	Improved data collection of the main non-target species..				
	<p>a. Improved logbook reporting to facilitate DAFF spatially referencing drag-by-drag data whereby accurate counts of bins per species per drag. To accomplish this, the following is envisioned:</p> <ol style="list-style-type: none"> Informal interviews with some skippers to get a better understanding re why accurate bins per species per drag are not recorded. Based on the interviews, come up with a solution that is easy for skippers to implement (e.g.. using “.25”, “.5” or “.75” when referring to a fraction of a bin; and not lumping the Non-Target Species). Development of a one-page information sheet describing the issue and solution that can be distributed to all skippers in the sector. Periodic review of a random sample of logbooks after the instructions have been provided to see if the instruction is working. 	SADSTIA & WWF-SA with support from DAFF	2 years to implement; ongoing thereafter	SASSI: Q7; Q8 (plus category 1 responses for the respective species)	10 days WWF-SA Y1 5 days WWF-SA Y2 3 days WWF-SA Y3 SADSTIA: Included in current R 1 000 000/ annum contract with CapMarine (includes action 2 above)
	<p>b. Improved observer data on the total catches of these species (including discards).</p>	SADSTIA contracting CapMarine with support from DAFF			

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4.	At a minimum, a detailed replacement yield analysis (or a related equivalent analyses) will be undertaken for the Non-Target Species for the sector. The specific analysis conducted will depend on an evaluation of the data available on a species basis and then deciding what assessment methodology is appropriate in light of the available data.	SADSTIA/WWF-SA to track DAFF DSWG completion	3 years (more detailed timeframe per species to be developed)	SASSI: Q13; Q14 (plus category 1 responses for the respective species) DSWG: C7, C11	4 days WWF-SA Y3 SADSTIA: No direct investment required. Management time required for input on this action has been allocated
5.	A co-management or other management-based initiative to monitor the main non-target species and to recommend implementation of management responses where appropriate.	SADSTIA, or SADSTIA to contract UCT/consultant	1 year to develop; 2 years to pilot	SASSI: Q13; Q14 DSWG: C7, C11	5 days WWF-SA Y1 2 days WWF-SA Y2 2 days WWF-SA Y3 SADSTIA: Approximately R 30 000 allocated in current UCT contract with Prof. Colin Attwood. Management time required for input on this action has been allocated.
6.	A guiding document that lays out the major EAF objectives / components of the fishery and the work being done on the component/objective (e.g. benthic habitats, Non-Target Species, and ETP species). We recommend this be framed in terms of 5-year objectives that the DAFF DSWG sets for the fishery. Gaps that may be beyond the 5-year objectives will also be noted.	WWF-SA Lead; SADSTIA with support from DAFF DSWG and Hake MWG	1 year to develop; ongoing thereafter	SASSI: Q13; Q14 DSWG: TBD	5 days WWF-SA Y1 2 days WWF-SA Y2 2 days WWF-SA Y3

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7.	A report on the social and economic impacts of the fishery, including but not limited to the number of jobs, impact on communities, food security, corporate social investment, etc. There exist and/or are underway a handful of different studies on the social and economic impacts of the fishery and the transformation of the fishery. The idea is to bring into one report these “human dimension” components of the fishery. There would also be a preliminary exercise to identify any gaps in the existing studies towards fulfilment of understanding the “human dimension” for the sector.	SADSTIA to contract consultant; WWF-SA to support proposal drafting and presentation to RFA if SADSTIA requests it.	6 months to develop a proposal; 1 year to complete the report	SASSI: Q14 DSWG: N/A	5 days WWF-SA Y1 1 day WWF-SA Y2 RFA funded project
8.	Traceability protocol.	WWF-SA Lead; SADSTIA	1 year to develop; 1 year to pilot	N/A	5 days WWF-SA Y1 2 days WWF-SA Y2 2 days WWF-SA Y3
9.	Quarterly meetings to track progress against workplan actions and to discuss any issues that have arisen in the quarter.	WWF-SA; SADSTIA	Quarterly	N/A	5 days WWF-SA Y1 5 days WWF-SA Y2 5 days WWF-SA Y3
10.	Annual report to the DSWG and DMWG on the progress of the FCP to date, and anticipated priority projects for the following year.	WWF-SA; SADSTIA	Annual	N/A	
11.	Report compilation and presentations as requested by funders.	WWF-SA; SADSTIA	On request	N/A	
12.	Input of relevant FCP outcomes into the SASSI assessments / re-assessments of the South African hake offshore trawl “main non-target species” for the WWF-SASSI list.	WWF-SA	3 years from start of FCP	N/A	15 days WWF-SA Y3

***Non-Target Species:** Main bycatch species for the hake offshore trawl sector which are angelfish, Cape dory, gurnard, monkfish, horse mackerel, ribbonfish, jacoever, kingklip, monkfish, octopus, panga, ribbonfish, snoek and various skate species.

****ETP:** WWF-SA is in the process of developing a comprehensive list of ETP species for the offshore trawl sector. WWF-SA will circulate a draft list for the main stakeholders to comment on in the coming months.

Reference:

Greenstone, J., (2015), “Improving the WWF-SASSI Sustainability Rating of Key Non-Target Species from the Hake Offshore Trawl Sector,” WWF-SA report to the Responsible Fisheries Alliance, pp