

# Case Studies



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# Case Studies -SFPAs



- Cape Verde
- Seychelles
- Mauritania
- Senegal



# Cape Verde Case Study



OUTCOME TARGETS	STATUS
1.- A harmonized catch data protocol in place that facilitates improved reporting of swordfish and blue shark commercial and biological data	Obligatory
2.- All vessels transmit AIS and/or VMS signals.	Obligatory
3.- Strengthened observer program in place.	Recommended
4.- Trade flow data provided.	Recommended



# Main conclusions: Data harmonization



- An analysis of all current catch data protocols, performed by CCMAR, concludes that the EU e-logbook system used by EU vessels provides a basis for the collection of relevant data on swordfish and blue sharks and its transmission to all relevant parties. Therefore, a harmonized catch data protocols already exist and has been designed.
- On the other hand, the capacity to implement a compatible system with e-logbook data from EU vessels which had been an ongoing issue since 2015, has been solved. However, training is needed both for inspectors and COSMAR staff to solve the complexities of the data.



# Seychelles Case Study



OUTCOME TARGETS	STATUS
1.- Harmonized fisheries information system in place.	Obligatory
2.- Catches of non-target species registered in e-logbooks.	Obligatory
3.- MPAs and no-take zones identified in the SMSP are respected.	Obligatory
4.- Updated observer program in place.	Recommended
5.- Trade flow data provided.	Recommended
6.- VMS or AIS signals are transmitted.	Recommended



# Seychelles Case Study



- VMS system was upgraded by the French contractor CLS and completed by the end of 2020. Implementation of AIS and Sat Imagery expected to be completed by June 2021 after procurement process is completed.
- An ERS is in place for the SEY purse seine fishery, but not fully implemented in all SEY vessels, and the ERS for the longline fishery is progressing. The development has been completed but deployment for IL has been delayed due to COVID 19 restrictions. The plan is to have 100% coverage for all SEY vessels in both fisheries equipped by December 2021 and no later than March 2022.
- SFA is currently not receiving e-logbook data automatically from EU vessels as Seychelles still makes use of paper logbooks and struggles to fully implement ERS system.



# Senegal Case Study



OUTCOME TARGET	STATUS
1.- Information on the proportion of the two species of black hake in catches provided.	Obligatory
2.- Bycatch data in black hake fishery available.	Obligatory
3.- VMS and/or AIS signals are transmitted.	Obligatory
4.- Trade flow data on black hake provided.	Recommended



# Mauritania Case Study



OUTCOME TARGET	STATUS
1.- Information on the proportion of the two species of black hake in catches provided.	Obligatory
2.- Information on black hake caught as bycatch provided.	Obligatory
3.- Increased on-board observer coverage on all high-capacity pelagic vessels in place.	Obligatory
4.- Data on all catches, discards and by-catches provided.	Recommended
5.- Trade flow data on small pelagics provided.	Recommended





## Main results of self-sampling

For Mauritania, 3 vessels from OPROMAR participated in the study, and for Senegal we have samples for both industrial and artisanal national vessels. The sampling was done via fin clipping (taking a piece of the caudal fin of the specimen), and in the case of the Senegalese vessels, the visual ID was supervised by CRODT. The labelled samples were then sent to the University of Oviedo for a DNA analysis, so we could compare the genetic ID vs the visual ID carried out by the crew members. All samples were analyzed by U. of Oviedo, and the work was finished last January.

	Identified as	Correct	Incorrect
<b>OPROMAR 1</b>	<i>M. polli</i>	103	16
	<i>M. senegalensis</i>	0	NA
<b>OPROMAR 2</b>	<i>M. polli</i>	115	43
	<i>M. senegalensis</i>	0	NA
<b>OPROMAR 3</b>	<i>M. polli</i>	66	0
	<i>M. senegalensis</i>	13	2
<b>Senegal</b>	<i>M. polli</i>	30	23
<b>Industrial</b>	<i>M. senegalensis</i>	57	52
<b>Senegal</b>	<i>M. polli</i>	0	116
<b>Artisanal</b>	<i>M. senegalensis</i>	170	0

## Other remarks:



**-6 months extension:** the Project has been granted an extension of 6 months (*force majeure*) -> November 2021

-Course materials still available online:

<https://uit.instructure.com/courses/16085/pages/program>



# Comments, questions or ideas?

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