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Updates on GFCM socio-economic indicators for evaluation of MAP



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The MEDAC acknowledges the fact that the fisheries sector needs to be steered towards the criteria which would ensure achievement of full sustainability, without delay¹.

- **An ecosystem-based approach** shall allow managers to take into account multiple factors, including those independent from fisheries, and provide tools to mitigate the impact that management measures adopted for target species have on other stocks, especially when considering mixed fisheries. [...]
- **Whatever the approach in managing mixed fisheries is adopted, managers should deeply evaluate the socio-economic impacts, when proposing management scenarios to stakeholders.**



¹Ref.:122/2023

The socioeconomic indicators in the SAC 2024 report

The SAC in 2024 acknowledged the three-step reflection initiated to evaluate the effectiveness of existing management measures/MAPs and **emphasizing the importance of approaching it from biological, ecological and socioeconomic performance.**



The Committee further stressed the need to **identify socioeconomic indicators** that would be conducive to understanding the repercussions of management on livelihood.



Follow-up towards assessing effectiveness of MAPs

Challenges and questions in tracking the possible indicators:

- **Very limited and partial information** on the social and economic performance of the fisheries
- Different levels of aggregation of data in comparison to the MAP
- **Time lag in reporting the data (n-2)**
- **Short time series for observation of trend**
- Importance of understanding and interpreting socioeconomic indicators (which can be influenced **by other factors beyond management measures**).

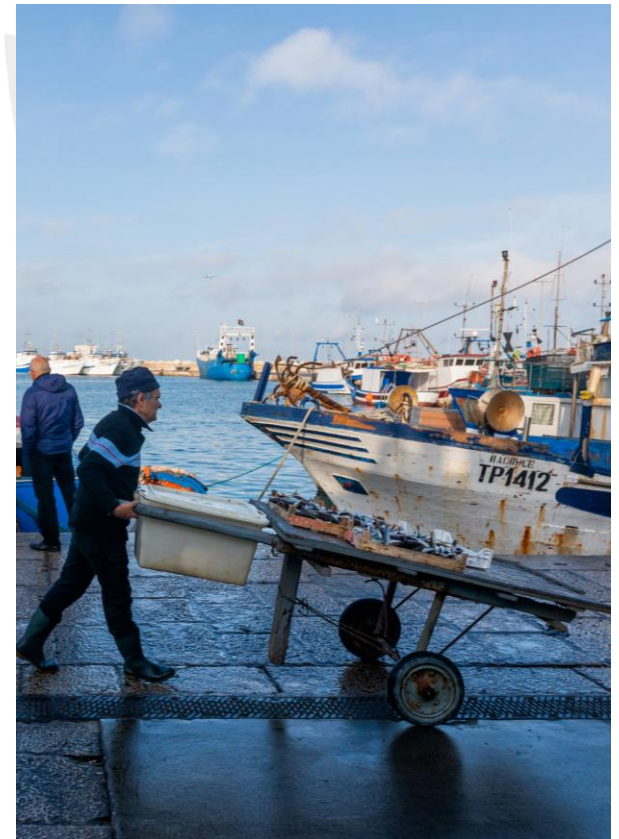


Table suggested by GFCM Secretariat at the GFCM SRCs

Evaluation matrix for the overall assessment of the effectiveness of the MP		Recommendation GFCM/XX/XXXX/X on a multiannual management plan for the sustainable exploitation					
		Ref value	Ref value Year	Current value	Cur Val Year	Change	Comment
Catch	Total catch of species covered by the MP					%	
Effort	Total effort of fleets covered by the MP					%	
No of ves	Total number of authorised vessels under the MP					%	
GT	Total GT of authorised vessels under the MP					%	
kW	Total kW of authorised vessels under the MP					%	
F/F_{tg}	<i>Species I</i>					%	
	<i>Species II</i>					%	
B/B_{tg}	<i>Species I</i>					%	
	<i>Species II</i>					%	
No of jobs	Total number of jobs under fleets covered by the MP					%	
Value of landing	Total value of landings of fleets covered by the MP					%	
Net profit	Total number net profit of fleets covered by the MP					%	

- Table should be populated with available data providing information on the change of value over time.
- Evaluation matrix should be complemented with the trends of F/F_{tg} and B/B_{tg} for the given stocks when available.

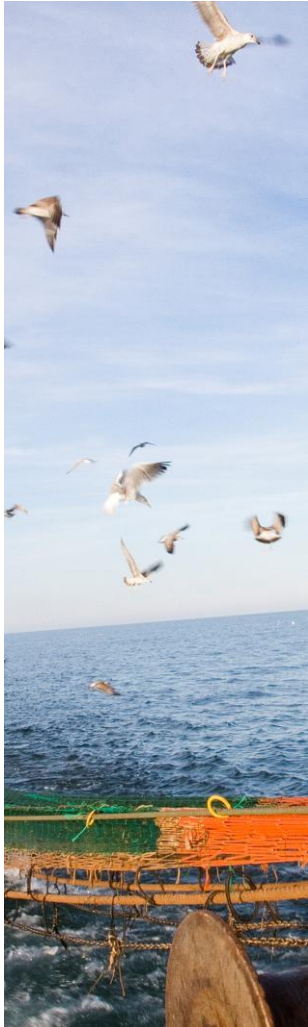
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	<i>Species II</i>
B/Btg	<i>Species I</i>
	<i>Species II</i>
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Conclusions of the debate in view of the GFCM SAC meeting

The SRCs welcomed the exploration made on assessing the effectiveness of the management plans through a newly conceived evaluation matrix and using uniform indicators as suggested by the 25th SAC [...]

With regards to the socioeconomic indicators included in the matrix, the SRC cautioned against the use of net profit, as highly dependent on global market conditions (e.g. fuel cost) thus likely to mask the effect of fishery management interventions, and suggested the use of relative indicators, such as catch per vessel and revenue per vessel.





**What about a MEDAC contribution
on this topic in view of the
forthcoming management
measures?**



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