Can a discard ban be good for fishers?

Modelling expected economic impacts.

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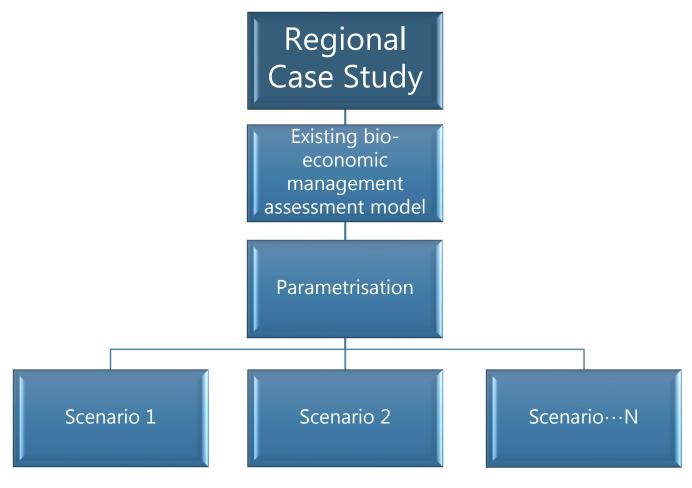






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Fisheries Scale Assessment - Evaluation





Regional Case Studies

Iceland mixed demersal fishery

E. Channel: French mixed demersal trawl fishery

Bay of Biscay: Spanish mixed demersal trawl fishery W. Mediterranean:
Spanish mixed
demersal trawl
fishery

E. Mediterranean: Greek demersal trawl and small scale fishery Nort Sea, West of Scotland, Area 7: UK mixed demersal fisheries.

North Sea: Danish mixed demersal fishery





Scenarios

	Iceland	DK	UK	France	Basque	W. Med	E.Med
Business as usual (no LO)							
Full LO implementation							
De minimis							
Year Transfer							
Allow landings exceeding quotas							
Selectivity (mesh size)							
Seasonal effort reallocation							
Quota uplift/adjustment							
Decrease MLS							
Catch allowance zero TAC stocks							
TAC deletion							
Effort reallocation between metiers							
Quota movement (swaps)							
High survival species discard							
Avoidance strategies							
Increased landings costs							





Economic outcome relative to 'no LO'

2025 outcome (UK:2019)	DK	UK	France	Basque	W. Med	E.Med
Full LO implementation						
De minimis						
Year Transfer						
Allow landings exceeding quotas						
Selectivity (mesh size)						
Seasonal effort reallocation						
Quota uplift/adjustment						
Decrease MLS						
Catch allowance zero TAC stocks						
TAC deletion						
Effort reallocation between metiers						
Quota movement (swaps)						
High survival species discard						
Avoidance strategies						
Increased landings costs						





Decrease in profit/Gross Value Added/Revenue relative to 'no LO'



No change in Profit/Gross Value Added/Revenue relative to 'no LO'



Increase in Profit/Gross Value Added/Revenue relative to 'no LO'



Economic outcome relative to 'full LO'

2025 outcome (UK:2019)	DK	UK	France	Basque	W. Med	E.Med
De minimis						
Year Transfer						
Allow landings exceeding quotas						
Selectivity (mesh size)						
Seasonal effort reallocation						
Quota uplift/adjustment						
Decrease MLS						
Catch allowance zero TAC stocks						
TAC deletion						
Effort reallocation between metiers						
Quota movement (swaps)						
High survival species discard						
Avoidance strategies						
Increased landings costs						





Decrease in profit/Gross Value Added /Revenue relative to 'Full LO'

No change in Profit/Gross Value Added /Revenue relative to 'Full LO'



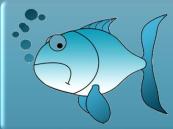
Increase in Profit/Gross Value Added /Revenue relative to 'Full LO'



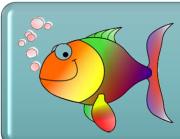
Is a discard ban good for fishers?



The predicted outcomes of the LO are mixed.



Implemented with no exemptions nor stratetic or tecnical mitigation strategies the overall economic outcome decreases or at best stays neutral relative to the 'no LO' scenario for all case studies.



Implementation of exemptions and mitigation strategies are expected to reduce negative economic effects of the LO, and in some cases make the fishermen better off than without the LO.





Potential

DiscardLess has buildt up a 'toolbox' of management assessment models specifically aimed at predicting the economic outcomes for fishers of national implementations of the LO.





Results to date indicate which exemptions/ mitigation strategies are beneficial at national level.

The model 'toolbox' opens up for further assessments of future international policy and national implementation changes given the LO.





Thank you

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