

# FMAC Inshore Subgroup



**The Scottish Government**  
Riaghaltas na h-Alba

# Measures to improve inshore fisheries in Scotland

## This presentation will cover:

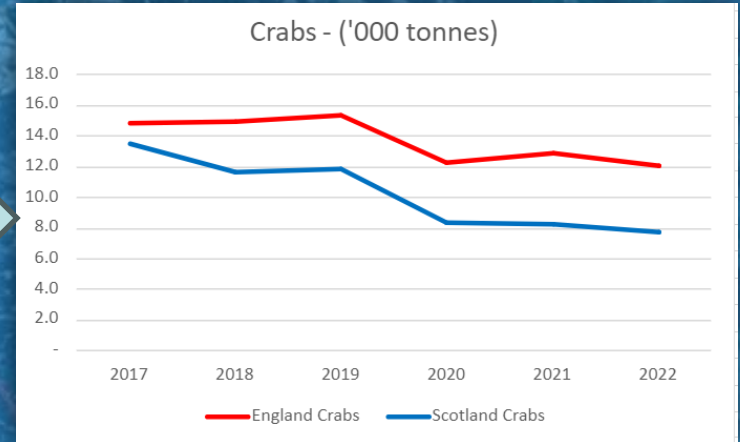
- ⚓ Why interim measures?
- ⚓ The discussion so far.
- ⚓ Key themes.
- ⚓ What we propose.
- ⚓ The wider roadmap for inshore fisheries.



# Why interim measures?

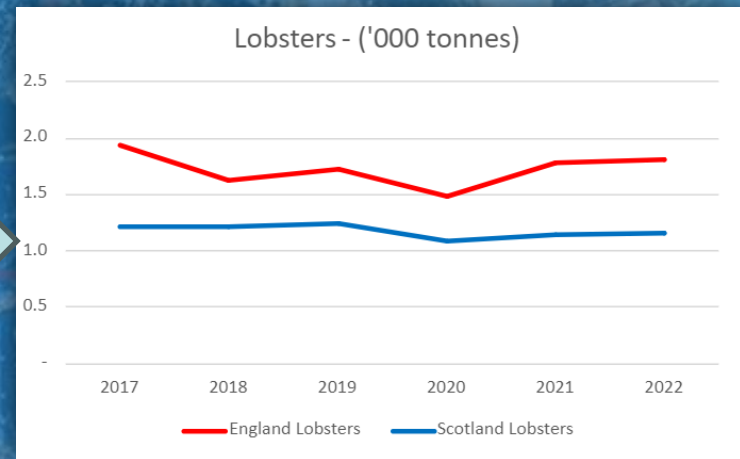
Brown crab stock status, relationship between F and  $F_{MSY}$  for 2006-08, 2009-12, 2013-15 and 2016-2019.

Assessment period	F (Fishing Mortality)				2016-19	Assessment period	F (Fishing Mortality)				2016-19		
	2006-2008	2009-2012	2013-2015	2016-19			2006-2008	2009-2012	2013-2015	2016-19			
Clyde	Males	✗	?	✗	✗	Above	East Coast	Males	✗	✗	✗	✗	Above
	Females	✗	?	✗	⚠	At $F_{MSY}$		Females	✗	✗	✗	✗	Above
Hebrides	Males	✗	✓	⚠	✗	Above	Mallaig	Males	?	?	?	?	Unknown
	Females	✗	✗	✗	✗	Above		Females	?	?	?	?	Unknown
North Coast	Males	✗	✓	✗	✗	Above	Orkney	Males	✗	✗	✗	✗	Above
	Females	✗	✓	✗	✗	Above		Females	✗	✗	✗	⚠	At $F_{MSY}$
Papa	Males	?	✓	✓	✓	Below	South East	Males	✗	✗	✗	✗	Above
	Females	?	✓	⚠	✓	Below		Females	✗	✗	✗	✗	Above
Shetland	Males	?	?	✗	?	Unknown	South Minch	Males	✗	✗	✗	✗	Above
	Females	?	?	?	?	Unknown		Females	✗	✗	✗	✗	Above
Sule	Males	✗	⚠	✗	✗	Above	Ullapool	Males	?	?	?	✗	Above
	Females	⚠	✗	✗	✗	Above		Females	?	?	?	⚠	At $F_{MSY}$

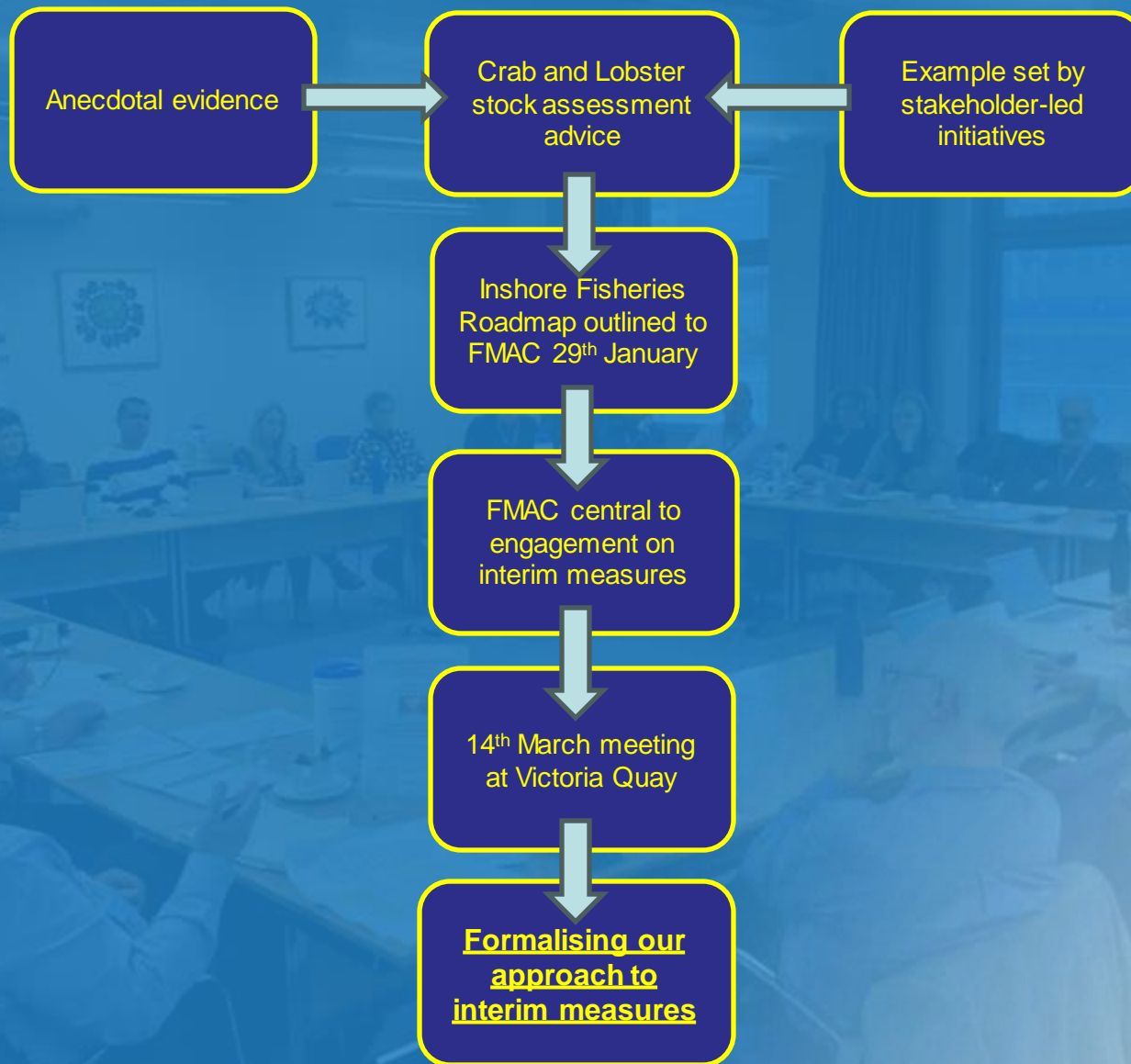


Lobster stock status, relationship between F and  $F_{MSY}$  for 2006-08, 2009-12, 2013-15 and 2016-2019.

Assessment period	F (Fishing Mortality)				2016-19	Assessment period	F (Fishing Mortality)				2016-19		
	2006-2008	2009-2012	2013-2015	2016-19			2006-2008	2009-2012	2013-2015	2016-19			
Clyde	Males	✗	✗	✗	✗	Above	East Coast	Males	✗	✗	✗	✗	Above
	Females	✗	✗	✗	✗	Above		Females	✗	✗	✗	⚠	At $F_{MSY}$
Hebrides	Males	✗	✗	✗	✗	Above	Mallaig	Males	?	?	?	?	Unknown
	Females	✓	✓	✓	✓	Below		Females	?	?	?	?	Unknown
North Coast	Males	✗	?	?	?	Unknown	Orkney	Males	✗	✗	✗	✗	Above
	Females	✓	?	?	?	Unknown		Females	✓	⚠	⚠	✓	Below
Papa	Males	?	✗	✗	✗	Above	South East	Males	✓	✗	✗	✗	Above
	Females	?	✓	✓	✓	Below		Females	✗	✗	✗	✗	Above
Shetland	Males	?	✓	✗	✗	Above	South Minch	Males	?	✗	✗	✗	Above
	Females	?	✗	✗	✗	Above		Females	?	✗	✗	✗	Above
Sule	Males	?	?	?	?	Unknown	Ullapool	Males	✗	?	?	?	Unknown
	Females	?	?	?	?	Unknown		Females	✓	?	?	?	Unknown



# The discussion so far...



# Key Themes

Measure	Suitable as interim measure	Require further discussion
Prohibition on landing of egg-bearing females	👍	👍
Minimum and maximum landing size changes	👎	👍
Review of latent shellfish capacity	👎	👍
Controls on <u>'supercrabbers'</u>	👍	👍
Closed Seasons	👎	👍
Voluntary agreements	👍	👍
V-notching	👍	👍
Controls on unlicensed fishing businesses	👍	👍
Regionalised management approach	👎	👍
Catch limits / output controls	👎	👍
Creel limits / input controls	👎	👍



# What we propose:

## ‡ Prohibition on berried female lobster

- Will deliver improvements to the reproductive health of lobster stocks.
- Will secure consistency with other areas.
- Will be kept under review and monitored along with fishers.

## ‡ Controls on 'supercrabber' activity in inshore waters

- Affects a small number of boats who can typically work on and offshore.
- Prevents nomadic vessels undermining voluntary agreements.
- A number of approaches are open to us.
- Our chosen approach will be kept under review and monitored.

## ‡ Progression of voluntary sustainability-focussed initiatives through the RIFG

- Allows us to test approaches that may ultimately become policy.
- Allows flexibility to determine how best to realise our regional approach
- Utilises the RIFG project framework to progress projects for the common good.



# On prohibiting landing of berried lobster...

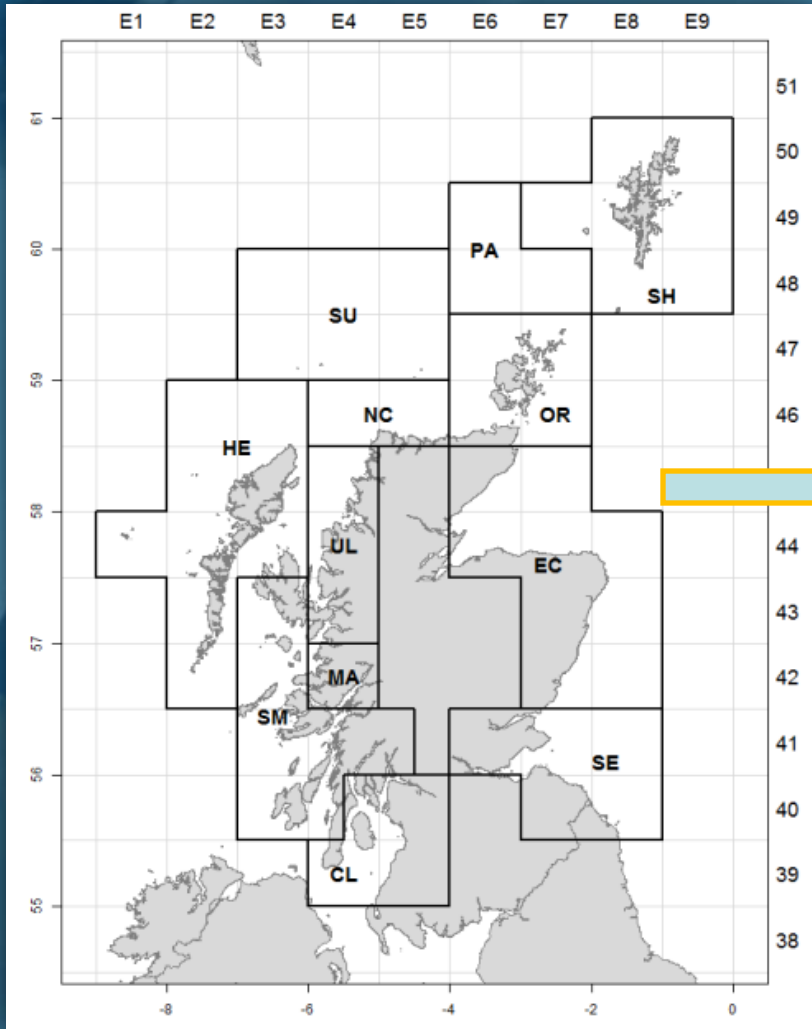
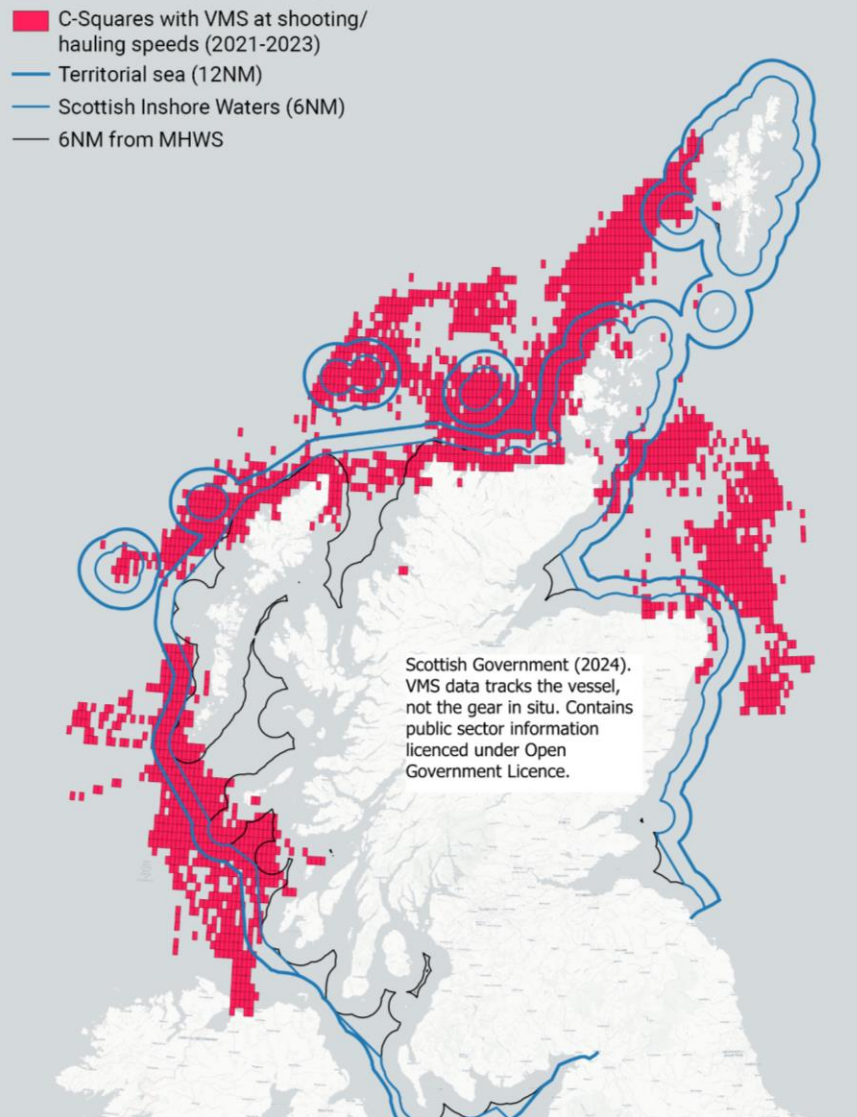


Table 3. Percentage of European Lobster berried females sampled from 2018-2022. ). All percentages calculated by weight. "-" denotes areas where <100 samples were present.

Assessment Area	Percentage of Berried Females				
	2018	2019	2020	2021	2022
CL	19	26	14	23	10
EC	13	11	13	8	19
HE	16	13	17	10	16
OR	14	11	13	11	9
SE	14	19	17	12	12
SH	10	0	18	11	1
SM	5	10	12	9	-

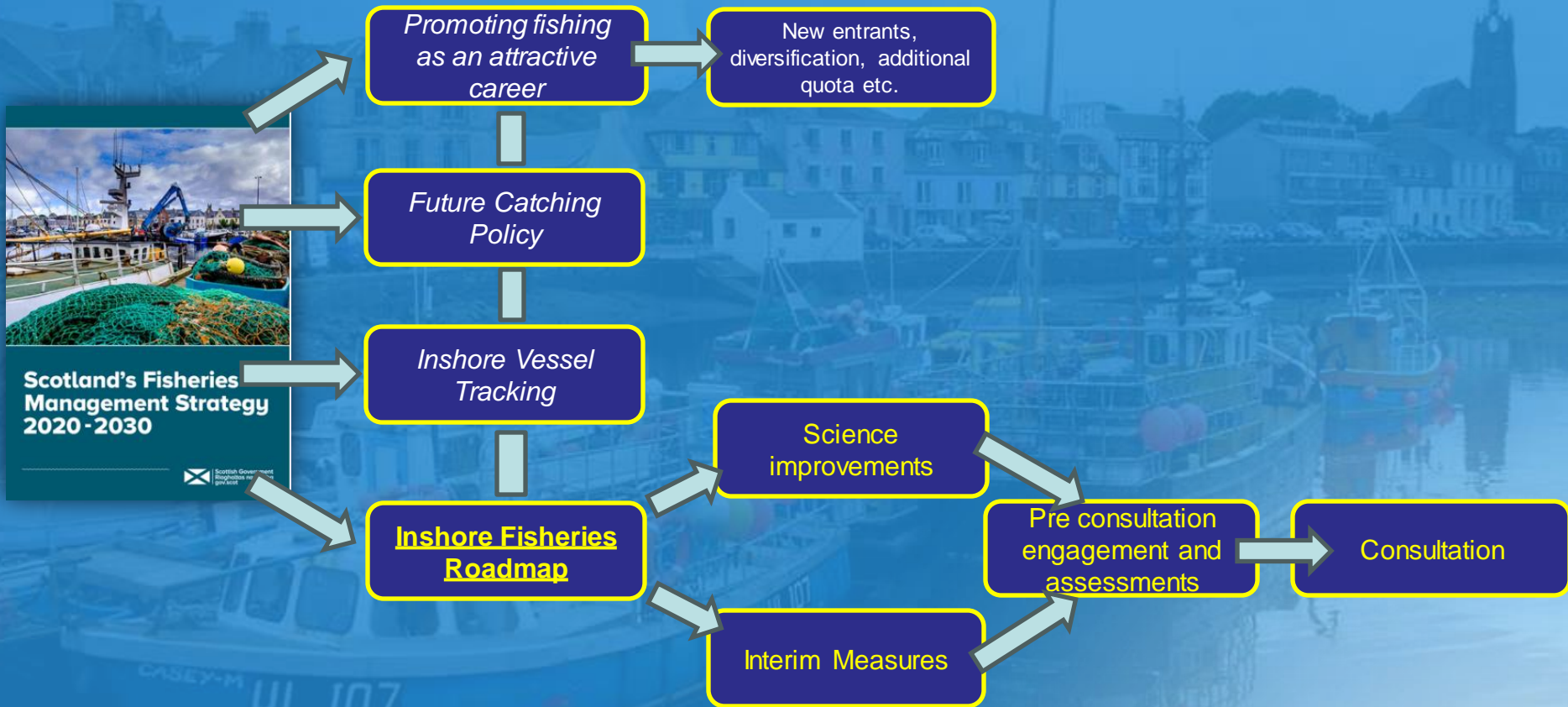


# On activity of supercrabbers in Scottish waters...





# The wider roadmap for inshore fisheries





**Questions and discussion.**



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