

EU Data Collection Framework(DCF) and economic indicators

1st of April 2026

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Here to give the UK seafood sector **the support it needs to thrive.**

The Seafish logo features the word "seafish" in a white, lowercase, sans-serif font. Above the letter "i" in "fish", there is a stylized graphic of a fish's head, composed of several small white triangles pointing upwards and to the right.

seafish

Content

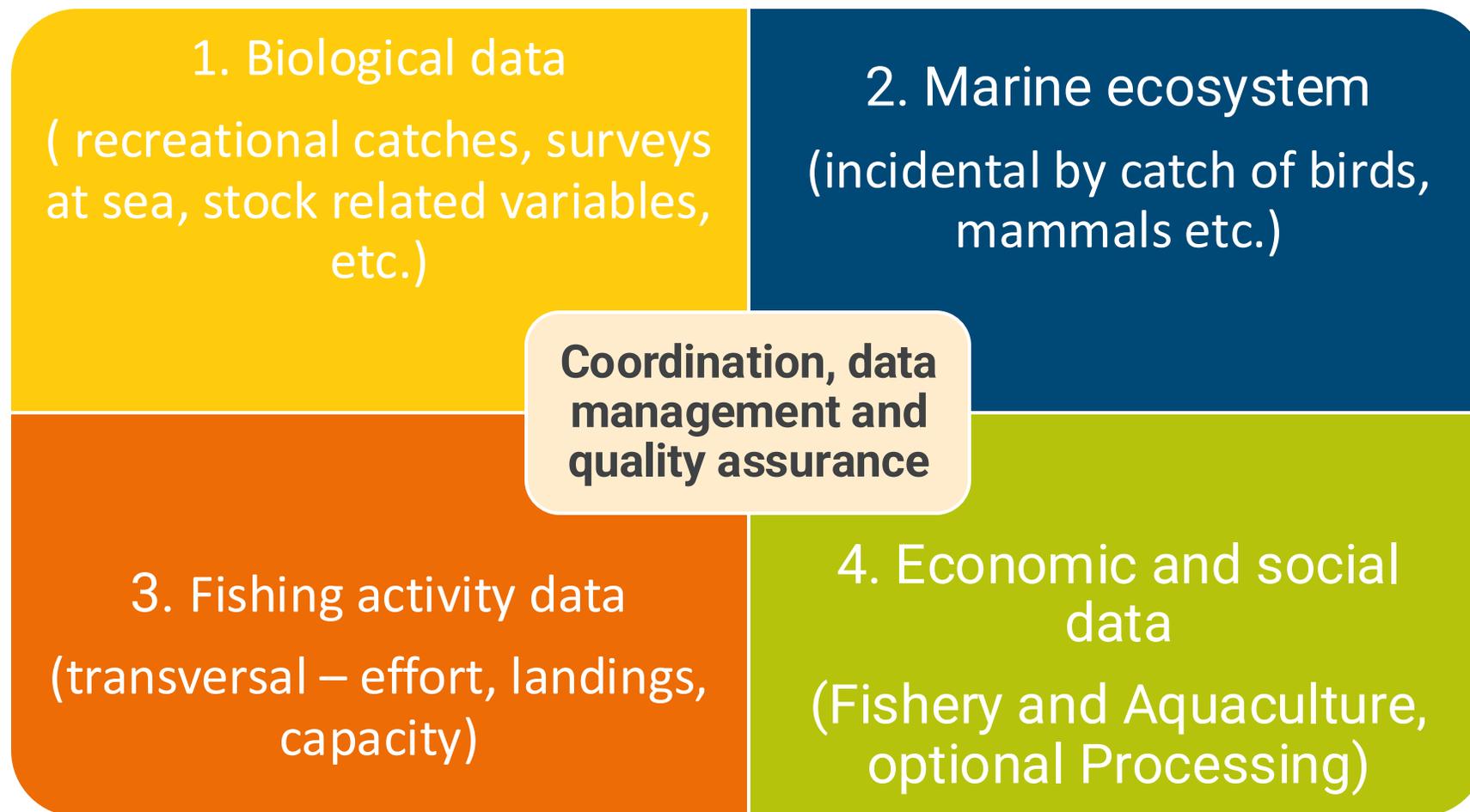
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Data Collection Framework

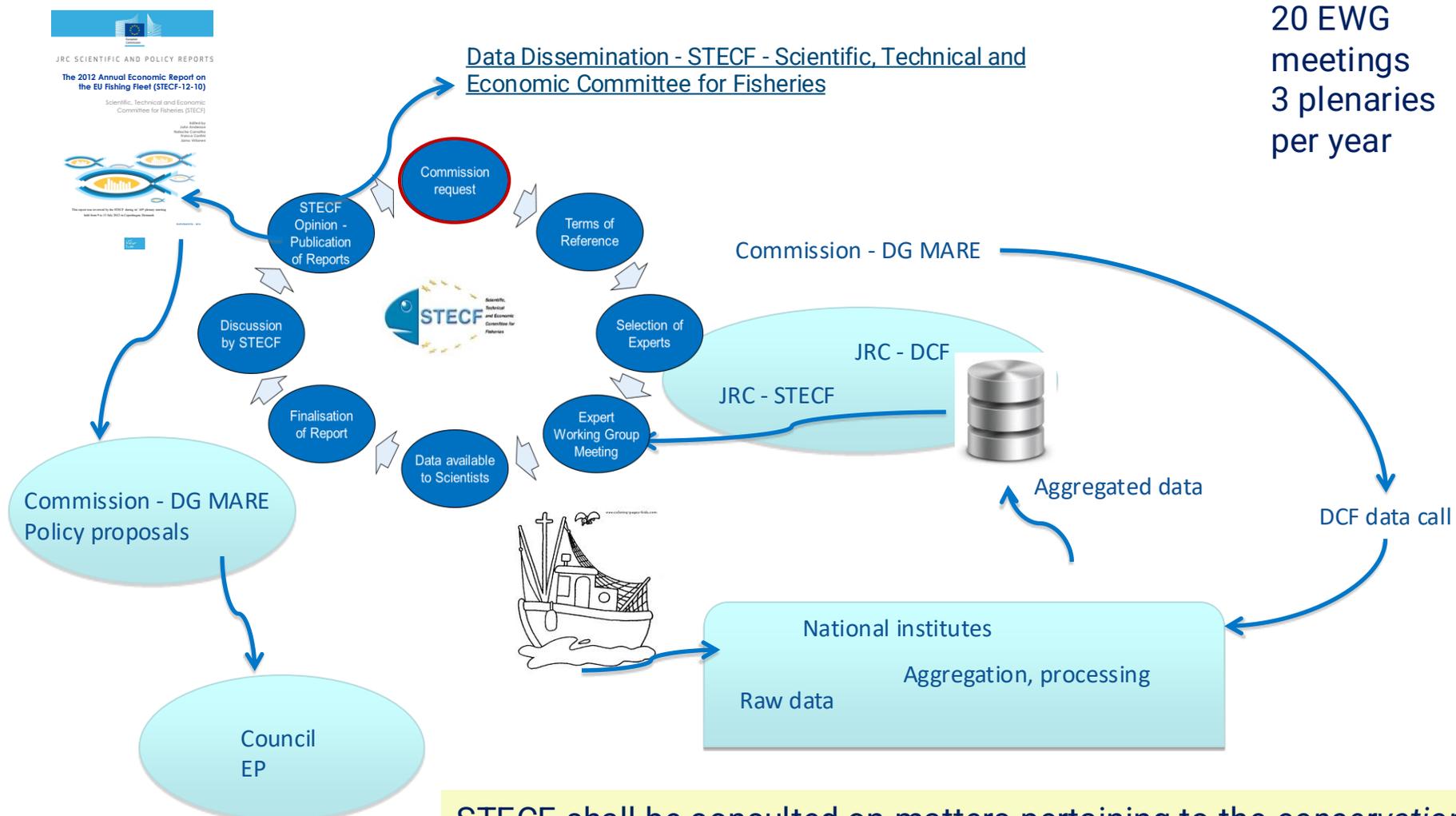
- ✓ The EU member states (MS) collect fisheries data to support the Common Fisheries Policy ([CFP](#)) through a scientific advice. The data collection framework ([DCF](#)) exists since 2000, set out in Regulation (EU) 2017/1004 and a multiannual programme (EU MAP).
- ✓ The MS collect the data following the national [work plans](#) and [report annually](#) on the implementation. They coordinate their activities in regional coordination groups ([RCGs](#)) which may also prepare regional work plans.
- ✓ The MS upload some of the collected data to JRC databases, in response to [data calls](#) issued by [DG MARE](#). The data is analysed by the experts of the Scientific, Technical and Economic Committee for Fisheries ([STECF](#)). It underpins STECF scientific opinions and recommendations that are used in the CFP decision-making process.
- ✓ Other end users also base their scientific advice on the DCF data: The International Council for the Exploration of the Sea ([ICES](#)), regional fisheries management organisations ([RFMOs](#)), sustainable fisheries partnership agreements ([SFPAs](#)), and more.

See: [Home - Data Collection Framework - DCF - European Commission](#)

Main modules of DCF/EUMAP



STECF Institutional setup, workflow, data flow



STECF shall be consulted on matters pertaining to the conservation and management of living marine resources, including *biological, economic, environmental, social and technical considerations*.



Main objectives of economic data collection

- Provide information for regular assessments of the management of living aquatic resources
- improve scientific knowledge of the sector
- bio-economic modeling
- observe and explain price formation
- facilitate an assessment of the economic situation of fishing, aquaculture and the processing industry, and of employment trends in these sectors
- Implement ecosystem based approach to fisheries management (collection of data in order to assess the effects of fisheries on the marine ecosystem).

Economic variables for fleet, EUMAP Table 7 (previously Table 5A)

Var. group	Variables	Unit	Var. group	Variables	Unit
Income	Gross value of landings	Euro	Financial position (assets and liabilities)	Total assets	Euro
	Income from leasing out quota or other fishing rights	Euro		Value of physical capital	Euro
	Other income	Euro		Value of quota and other fishing rights	Euro
		Gross debt		Euro	
Operating costs	Personnel costs	Euro	Employment	Paid Labour	Number
	Value of unpaid labour	Euro		Unpaid labour	Number
	Energy costs	Euro		Full-time equivalent (FTE)	Number
	Repair and maintenance	Euro		Total hours worked per year	Number
	Other variable costs	Euro	Fleet	Number of vessels	Number
	Other non-variable costs	Euro		Mean LOA	Metres
	Lease/rental payments for quota or other fishing rights	Euro		Total GT	GT
Subsidies	Operating subsidies	Euro	Total kW	kW	
	Subsidies on Investments	Euro	Mean age	Years	
Capital costs	Consumption of fixed capital	Euro	Effort	Days at sea	Days
Investments	Investments in tangible assets (net purchase of assets)	Euro		Energy consumption	Litres
			Number of enterprises	Number of fishing enterprises/units	Number
		Production value by specie		Value of landings by specie	Euro
			Average price per specie	Euro/kg	

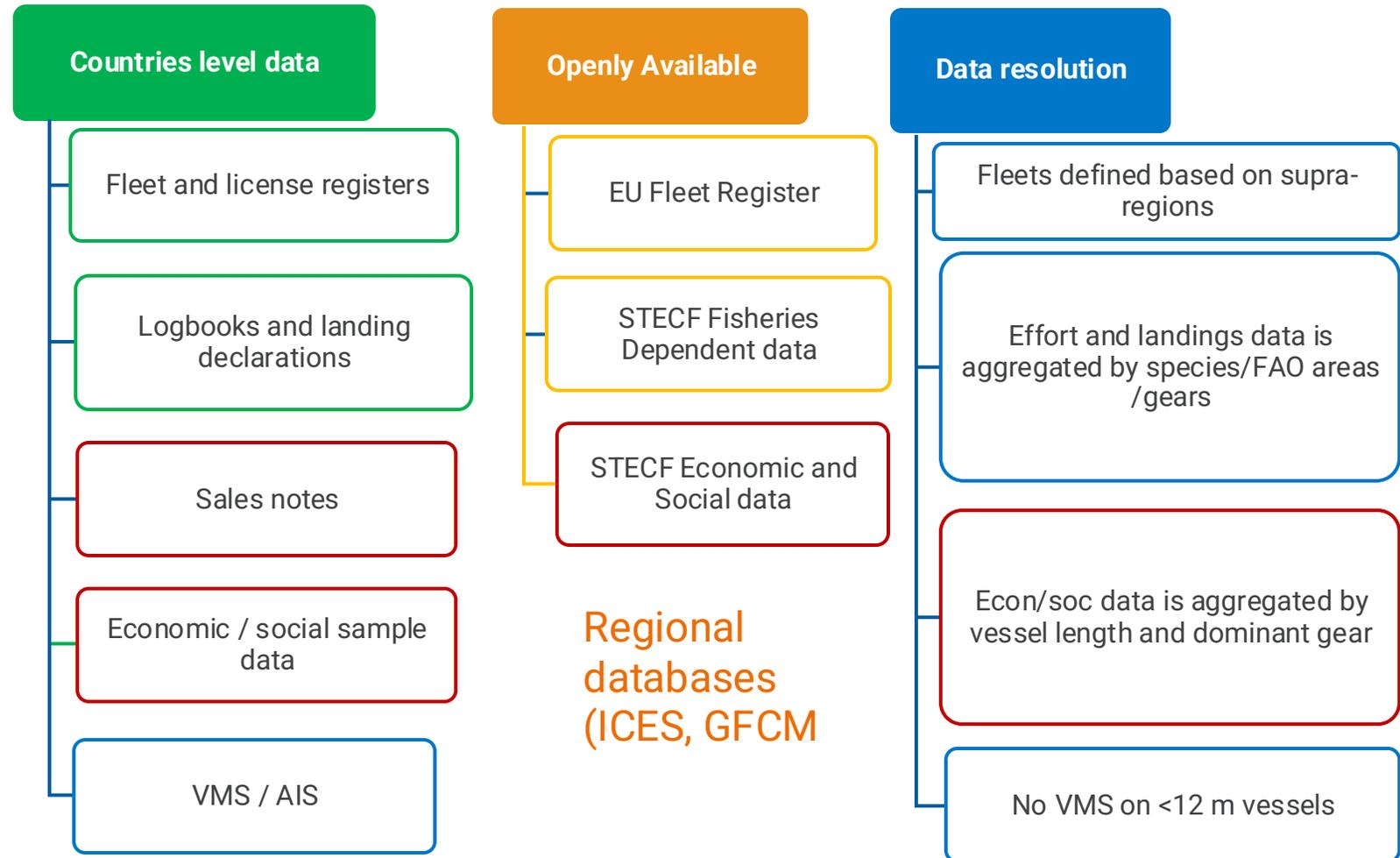
Fleet segmentation

- ✓ Based on combination of fishing technique and vessel length classes + Supraregion
- ✓ Vessels are allocated to fishing techniques based on to gear used and effort during the year.

Active vessels ⁽²⁾		Length classes (LOA) ⁽¹⁾					
		0 – < 6/8/10 m	6/8/10 – < 12 m	12 – < 18 m	18 – < 24 m	24 – < 40 m	40 m or larger
Using 'active' gears	Beam trawlers						
	Demersal trawlers and/or demersal seiners						
	Pelagic trawlers						
	Purse seiners						
	Dredgers						
	Vessel using other active gears						
	Vessels using polyvalent 'active' gears only						
Using 'passive' gears	Vessels using hooks	⁽³⁾	⁽⁴⁾				
	Drift and/or fixed netters						
	Vessels using pots and/or traps						
	Vessels using other passive gears						
	Vessels using polyvalent 'passive' gears only						
Using polyvalent gears	Vessels using active and passive gears						
Inactive vessels							

Economic data availability

- Observation unit is vessel
- Aggregated to fleet segments



STECF reports and indicators



Joint Research Centre

Scientific, Technical and Economic
Committee for Fisheries (STECF) –
The 2025 Annual Economic Report on the
EU Fishing Fleet (STECF 25-03 & 25-07)

Prelesco, R., Sebastella, E.C., Virtanen, J., Guillen, J. (eds.)
2025



[AER - STECF - Scientific, Technical and Economic Committee for Fisheries](#)



Joint Research Centre

Scientific, Technical and
Economic Committee for
Fisheries (STECF) – Balance
Capacity (STECF-25-12)

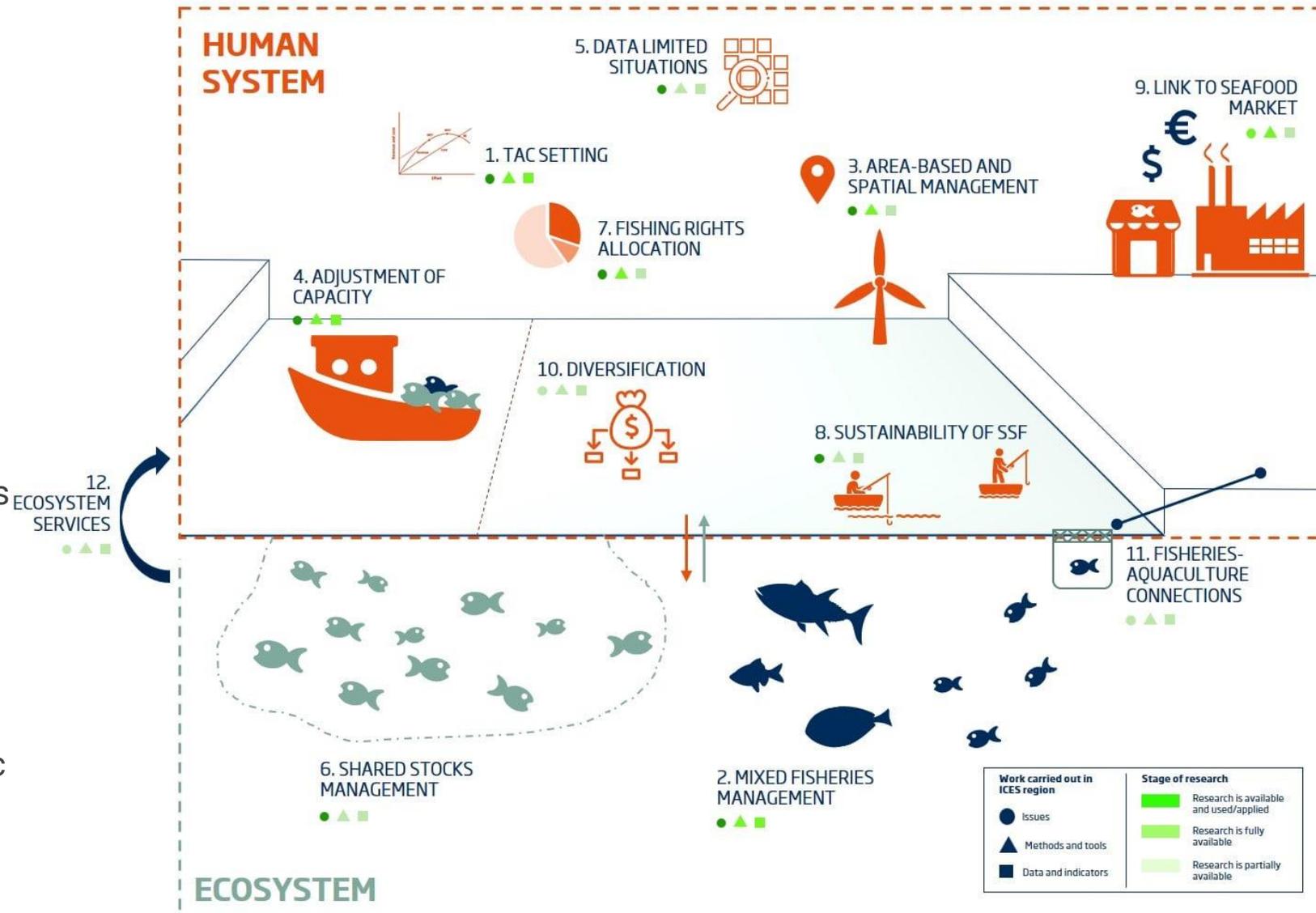
Casey, J., Virtanen, J., Winter, A.M. (eds.)
2025

[Balance between capacity and fishing opportunities - STECF - Scientific, Technical and Economic Committee for Fisheries](#)



ICES WGECON

- ✓ Building additional capacity for economic science and links with international institutions ☒
- ✓ Identifying and reporting on economic data-related needs and priorities for short and longer-term economic data collection, access, and analysis ☒
- ✓ Demonstrating the approaches, methods, tools and information flow needed to provide analysis of trade-offs relating to science-based fisheries management advice ☒
- ✓ Assessing and reporting on economic aspects of fisheries systems and their management ☒
- ✓ Coordinating the provision of economic analysis as part of integrated socio-ecological evaluations in support of EBFM.



UK reports and indicators

[Fleet Enquiry Tool | Tableau Public](#)

[UK Economic Fleet Estimates and Fleet Enquiry Tool - Methodology Report – Seafish](#)

[2024 Economics of the UK Fishing Fleet – Seafish](#)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024*	Figures for 2024 are provisional estimates
Selection Totals	Number of active vessels	4,565	4,584	4,637	4,723	4,595	4,547	4,348	4,290	4,098	3,946	3,785
	Power (kW)	697,023	693,171	693,201	701,542	685,456	691,992	677,638	668,318	655,758	654,689	627,240
	Registered Tonnage (GT)	184,056	185,630	184,215	187,114	190,243	196,871	193,218	190,308	189,837	193,104	185,578
	Vessel Capacity Units (VCU)	544,020	538,672	538,085	545,984	534,482	538,173	525,455	517,067	505,828	502,195	481,718
	Landings (tonnes)	758,817	708,978	700,609	728,177	700,245	620,866	627,284	635,398	622,146	690,405	716,295
	Fishing income (£'M)	1,147.8	1,025.2	1,212.7	1,269.3	1,254.3	1,206.0	953.0	1,055.0	1,102.3	1,099.3	1,144.9
	Days at sea	428,158	431,668	431,214	373,780	364,875	365,231	304,534	321,687	303,981	299,459	300,252
	Fuel consumption ('000 litres)	280,101	278,235	280,594	271,220	274,687	265,723	236,935	251,370	248,054	253,613	250,762
Vessel Averages	Employment (FTE)	7,912	8,241	8,929	7,368	7,884	6,638	6,557	6,860	6,672	7,295	7,220
	Average Length (m)	10.4	10.3	10.3	10.2	10.2	10.2	10.3	10.3	10.3	10.4	10.4
	Average Power (kW)	153	151	149	149	149	152	156	156	160	166	166
	Average Registered Tonnage (GT)	40	40	40	40	41	43	44	44	46	49	49
	Average Vessel Capacity Units (VCU)	119	118	116	116	116	118	121	121	123	127	127
	Average Landings (tonnes)	166.2	154.7	151.1	154.2	152.4	136.5	144.3	148.1	151.8	175.0	189.2
	Average Days at sea (days)	94	94	93	79	79	80	70	75	74	76	79
	Average Vessel age (years)	24.5	24.9	25.4	25.8	26.0	26.5	26.5	26.9	27.1	27.3	27.9
Performance Indicators	Average Landings per day at sea (tonnes)	1.77	1.64	1.62	1.95	1.92	1.70	2.06	1.98	2.05	2.31	2.39
	Average Price per tonne landed (£)	1,513	1,446	1,731	1,743	1,791	1,943	1,519	1,660	1,772	1,592	1,598
	Landings by kW day at sea (kg)	8.30	7.74	7.57	8.32	8.02	7.20	8.16	8.04	8.10	8.88	9.21
	Fuel consumption per kW days at sea (l)	3.06	3.04	3.03	3.10	3.15	3.08	3.08	3.18	3.23	3.26	3.23
	Fishing Income per kW day at sea (£)	12.55	11.19	13.09	14.50	14.36	13.99	12.40	13.35	14.35	14.13	14.73
	Cost per kW day at sea (£)	9.60	9.13	9.89	10.92	11.18	10.64	9.41	9.91	11.85	11.20	10.96
	Operating profit per kW day at sea (£)	3.52	2.51	3.59	4.11	3.45	3.79	3.66	3.77	2.88	3.53	4.33
	Fishing income per FTE (£'000)	145.1	124.4	135.8	172.3	159.1	181.7	145.3	153.8	165.2	150.7	158.6
Financial indicators (Avg. per vessel)	Operating profit per FTE (£'000)	40.7	28.0	37.2	48.8	38.2	49.2	42.8	43.5	33.1	37.6	46.6
	Fishing Income	251.4	223.7	261.5	268.8	273.0	265.2	219.2	245.9	269.0	278.6	302.5
	Non-fishing income (£'000)	11.3	9.0	7.7	9.9	5.0	8.4	11.8	6.1	7.0	11.7	11.6
	Income	262.7	232.6	269.2	278.7	278.0	273.6	231.0	252.1	276.0	290.3	314.1
	Fuel costs	41.1	28.2	26.3	30.4	37.5	35.2	23.4	30.8	55.1	48.1	42.7
	Crew share	59.0	57.6	67.0	72.1	73.3	73.8	61.6	66.3	76.0	80.7	87.6
	Other fishing costs	41.7	47.0	50.9	47.8	48.5	42.3	35.5	36.5	38.4	38.1	39.3
	Total fishing costs (£'000)	141.9	132.7	144.2	150.3	159.3	151.3	120.4	133.6	169.5	166.9	169.6
	Total vessel costs	50.3	49.7	53.4	52.2	53.2	50.5	45.9	49.0	52.7	53.8	55.5
	Gross value added (£'000)	130	108	139	148	139	146	126	136	130	150	177
	Total costs (£'000)	192.2	182.4	197.6	202.5	212.5	201.7	166.4	182.6	222.1	220.7	225.2
	Operating profit per vessel (£'000)	70.5	50.3	71.6	76.2	65.5	71.8	64.6	69.5	53.9	69.6	89.0
Depreciation (£'000)	12.4	11.5	13.3	13.1	14.8	22.7	24.3	34.2	20.8	23.7		
Interest (£'000)	3.1	2.8	2.1	1.3	2.7	2.9	4.9	6.3	3.7	7.6		
Other finance costs (£'000)	1.2	1.1	0.6	0.9	1.0	1.9	1.3	1.0	0.8	5.3		
Net profit (£'000)	54	35	56	61	47	44	34	28	28	33		

Source: landings, effort and capacity data provided to Seafish by Marine Management Organisation (collected by Fisheries Administrations)

Thank you

Arina.Motova@seafish.co.uk

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The Seafish logo features the word "seafish" in a white, lowercase, sans-serif font. Above the letters "a", "i", and "s" are three small, white, diamond-shaped icons arranged in a slightly curved line.

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