

# ANNUAL IMPLEMENTATION REPORT FOR THE EMFF

CCI	2014IE14MFOP001
Title	European Maritime and Fisheries Fund - Operational Programme for Ireland
Version	2019.1
Date of approval of the report by the Monitoring Committee (Art 113.d of EMFF)	05-Aug-2020

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## 2. OVERVIEW OF THE IMPLEMENTATION OF THE OPERATIONAL PROGRAMME (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)

Key information on the implementation of the Operational Programme for the year concerned, including on financial instruments, with relation to the financial and indicator data.

In 2019 Ireland's EMFF Operational Programme invested a total of €59.529 million in Ireland's seafood sector through 18 schemes. This compares with investment of €43.5 million in 2018. The increasing level of investment spend is a positive indication of a ramping up of investment levels in what for most schemes was their fourth year of operation. The performance of the Programme in 2019 was notable in a number of respects, in particular:

- Continued strong uptake of grants for investment on board fishing vessels in quality, hygiene, value-adding, and energy efficiency. Grants of €2,937,643 were paid to 122 projects, while a further 98 projects were approved for grants totalling over €3.2m. This strong project pipeline will contribute to spend in 2020.
- Continued strong interest in funding of innovation and research projects across fisheries, aquaculture and processing.
- An increase in the scale of capital projects being undertaken.
- Investment of €18.4 million in Control & Enforcement activities with the largest element being a €12.8 million contribution towards the purchase of a maritime patrol aircraft by the Department of Defence.
- A continued strong project pipeline, with the approval of many projects for completion in 2020 and later years.
- The 7 Fisheries Local Action Groups (FLAGs) launched their third calls for projects and the outcome was very positive, with 207 grants awarded, 21% of the overall FLAG funds spent in 2019 and a project pipeline that will contribute to 2020 spend. The cumulative spend in UP4 is €6.267 million which equates to 52% of available budget.
- Negatively, the continued suspension by the European Commission of payment to Ireland of the EU contribution to Ireland's expenditure on Control & Enforcement, because of the ongoing difficulties in enacting legislation to implement the EU Control Regulation Points system for serious infringements of the CFP.

Cumulatively in the period 2014-2019 Ireland's EMFF Operational Programme approved approximately €189.7 million in public expenditure to support 1,864 projects across all union Priorities which equates to 79.28% of the overall budget available under the EMFF OP 2014-2020. The total expenditure declared by EMFF beneficiaries in the same period was €158.6 million which equates to 66.31% of the overall budget available.

In terms of main results achieved, some areas stand out in terms of importance, and these tend to be public projects that would not have happened without EMFF funds, or at least to a much lesser degree. One example is investment of close to €15m in IT systems to support control and enforcement of the CFP. Another is investment of about €4m per year in innovation in fisheries and aquaculture technologies, which are addressing some of the key sustainability challenges in those sectors and we will see the benefits of those investments in years to come. Yet another is the €9m being invested in biodiversity through projects concerning Natura 2000, MSFD and several species restoration projects.

In terms of obstacles encountered so far, in the earlier years of the Programme when we were still very much feeling the effects of the financial crisis and subsequent deep recession, together with significant effects on our banking system, there were reports of SME enterprises having some difficulties

accessing credit. Aquaculture SME are considered to be particularly vulnerable, given their often very small scale and vulnerability to storms, disease, algal blooms and other shocks. These difficulties may have lessened as the economy and the banks improved, though possibly not for aquaculture enterprises.

In 2019, Brexit related market uncertainties and an uncertain economic outlook are believed to have had some dampening effect on investment demand, particularly in the processing sector.

The use of indicators and target setting has functioned reasonably well so far and has allowed the Managing Authority to more easily monitor progress across the Programme. The majority of indicators are working well and targets set will likely be achieved if current progress continues as at present. Some targets will be revised as part of an OP modification process on the basis of surveys and reviews being carried out this year to collect data on all beneficiaries that received EMFF up to end of 2018.

Financial Indicators relate to the amount of certified public expenditure submitted in claims. In general progress is good in UP 1, UP 3 & UP6 and targets are expected to be achieved and perhaps exceeded in some cases. Even though the managing Authority cannot exceed financial allocations there is an opportunity to re-allocate EMFF funds from other Union Priorities. Data Collection in particular will exceed its allocation by the end of this year and therefore will not receive further EMFF support in 2020 to carry out its important actions.

It is in UP2, UP4 & UP5 where there are issues with figures we have to hand and if implementation continues at its current trend consideration will be given to reallocating expenditure to other UP as part of a modification to the OP. If re-allocated this expenditure can only be re-allocated to UP1 at present.

The Majority of output indicators and targets are progressing well and targets set should be achieved and in a lot of cases exceeded. The indicators that may require a revision are as follows:

- Output Indicator 1.4 target will not be achieved due to incorrect allocation of v-notching projects to the indicator. A revision is required to the target for this indicator and Output indicator 1.6 which now includes V-notching projects.
- Output Indicator 1.9 target may not be achieved due to the late implementation of the Seafood Training Scheme which launched in 2018. Although take up is increasing it may not be enough to ensure achievement of target by 2023 and a revision might be required.
- Output indicator 2.1 may not be achieved due to the low uptake on innovation type projects in the early period of the OP. Although a lot of innovation projects are being implemented by BIM and there has been an increase in applications from the private sector and especially research institutions and colleges it may not be enough to achieve the target currently in place and a revision may be required.
- The Managing Authority is aware that result indicator reporting is a weakness and is in the process of review. The main obstacles to date have been the collection of reliable data for some indicators.
- By way of example, there is some difficulty in collecting reliable data on EMFF grants to fishing vessels where the grant covers multiple investments on board, which have different purposes. This affects several indicators.
- The data collected from the Sustainable Fisheries Scheme evaluation and reviews being carried out by BIM in relation to aquaculture and processing supports will be updated on the EMFF IT system which will allow for a more complete indicator dataset for the next INFOSYS report

and AIR report in 2020.

### 3. IMPLEMENTATION OF THE UNION PRIORITIES

#### 3.1. Overview of the implementation (Article 50(2) of Regulation (EU) No 1303/2013)

Information should be provided as short and general commentary on the implementation of the Union priorities and technical assistance for the year(s) concerned with reference to key developments, significant problems and steps taken to address these problems.

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
<p>1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries</p>	<p>Overall experience of the implementation of the EMFF in the fisheries sector under UP1 has been increasingly positive over the duration of the programme. although some schemes were not fully implemented until 2018 all the schemes have seen increased demand from the sector with the following schemes showing most promise.</p> <ul style="list-style-type: none"> <li>• New Fishermen Scheme - There was a welcome improved interest in the Scheme during 2019</li> <li>• Sustainable Fisheries Part B - Demand under this scheme was exceptionally strong in 2019.</li> <li>• Seafood Training Scheme - Increased demand for supports under this scheme with further demand indicated in 2020.</li> </ul> <p>In 2019, public expenditure of €18,888,653 was invested on 303 projects under nine separate schemes. Many projects approved in 2019 for EMFF funding are of a multi-annual nature and will contribute to spend in 2020.</p> <p><b><u>Marine Biodiversity Scheme</u></b>            In 2019, public expenditure of €1,490,042 was invested under the Marine Biodiversity Scheme. 2 projects commenced in 2018 and were continued in 2019, while 7 projects commenced in 2019 covering the following areas.</p> <ul style="list-style-type: none"> <li>• Species and habitat restorations.</li> <li>• Impact of fisheries on biodiversity and support for MSFD.</li> </ul> <p><b><u>New Fishermen Scheme</u></b>            In 2019, there were 11 projects completed under the New Fishermen Scheme with public expenditure of €562,532. A further 3 projects with public expenditure of €141,750 will be carried over into 2020.</p> <p><b><u>Sustainable Fisheries Scheme</u></b>            Part A - Public Interest Projects:            In 2019, 13 BIM led projects were supported with public expenditure of €1,356,000 for the benefit of the seafood sector and for the public good. The projects focused on the following.</p>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<ul style="list-style-type: none"> <li>• Development and testing of selective fishing gears..</li> <li>• Partnerships &amp; Advisory Services to the seafood sector.</li> <li>• Innovation project addressing the problem of parasitic worms in fish.</li> </ul> <p>3 projects were approved for Marine Institute led projects involving public expenditure of €465,000. These projects involve Bluefin Tuna tracking programme and to develop an information sharing network.</p> <p><b>Part B - On Board Investments</b> In 2019, 122 Part B projects were supported with public expenditure of €2,937,643. Projects included:</p> <ul style="list-style-type: none"> <li>• Selective gears.</li> <li>• Equipment to improve hygiene, health and working conditions on board.</li> <li>• Equipment to improve fuel efficiency.</li> <li>• Gear monitoring equipment and fuel-efficient fishing gears,</li> </ul> <p>While 122 projects were completed and paid, a further 98 projects were approved for grants totaling over €3.2m. This strong project pipeline will contribute to spend in 2020.</p> <p><b>Part C - Promoting Quality and Added Value Onshore</b> In 2019, 3 projects received public aid of €1,168,330 based on eligible expenditure of €1,927,580. These projects were infrastructure improvement projects which aim to assist fishermen to meet the challenges of the landing obligation.</p> <p><b><u>Inshore Fisheries Conservation Scheme</u></b> In 2019, 61 projects were supported with public expenditure of €279,861. The six Regional Inshore Fisheries Forums (RIFFs) were supported by public expenditure to an amount of €47,791.41. The RIFFs were established by inshore fishermen to provide platforms for the discussion and progression of issues that affect the sector. 58 projects concerning v-notching of lobsters received public expenditure supports of €221,001. A further five industry projects relating to onshore refrigeration facilities were completed and funded with public expenditure of €25,023.</p> <p><b><u>Fishery Harbours Scheme</u></b> In 2019, two projects were implemented with €6,929,379 of public expenditure. The projects involved the following:</p>



Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<ul style="list-style-type: none"> <li>• Landing Pier Electrical Works, Phase II, Killybegs - This project involves improving the older inner harbour infrastructure by providing quayside power outlets for the fishing trawler fleet at the east side of the Landing Pier and on the Wharf at Killybegs fishery harbour centre.</li> <li>• Dinish Wharf improvements, Castletownbere - This project involves improving Castletownbere Fishery Harbour by constructing two breakwaters at the southern end of the harbour, dredging to 8m below chart datum at the berth and additional dredging at the harbour increasing the harbour depth to 6.5m below chart datum and providing a 200m extension to the existing quay.</li> </ul> <p><b><u>Control &amp; Enforcement Scheme</u></b>  In 2019, one project was supported with public expenditure of €1,632,940 under article 36 of the EMFF</p> <p>The project involved the development of a new Quota Balancing IT system which will allow for the management of the allocation of fishing opportunities in the main Pelagic Fisheries specifically authorised catch limits and put process in place to adjust future catch limits to address where a vessel has exceeded these limits. Work included enhancements to the Pelagic Fisheries Quota balancing system introduced in 2018 and implementation of a demersal quota balancing system. Further development work under these activities will be advanced in 2020.</p> <p><b><u>Seafood Innovation and Business Planning Scheme</u></b>  In 2019, BIM undertook 8 innovation projects for the benefit of the sector with supporting public expenditure of €1,000,822.  Projects Included:</p> <ul style="list-style-type: none"> <li>• R&amp;D Programme: promoting research and development.</li> <li>• Innovation Process and Framework allows for a strategic view of innovation projects across BIM.</li> <li>• Innovation COE (I-COE): The BIM Innovation Centre of Excellence (I-CoE) is the industry gateway to accessing commercially relevant seafood innovation, new technologies and research and development for the Irish seafood sector.</li> </ul> <p>In addition, a further six projects from seafood SMEs related to new product development and process efficiency were supported under the scheme totalling €74,358 of public expenditure</p>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p><b><u>Seafood Capacity Building Scheme</u></b></p> <p>Some 11 projects were supported in 2019 with public expenditure of €1,342,899. Three BIM led projects with a total public expenditure of €682,602.05, while eight public projects were supported with public expenditure of €660,297.</p> <p>Two projects were ‘public good’ projects led by public bodies and related to the running of ‘European Maritime Day’ and ‘Seafest’. Public expenditure for the above amounted to €400,000 and €250,000. The balance of six projects provided support to eligible entities to attend networking events.</p> <p>Two of the BIM led projects, Seafest and Bloom, were concerned with highlighting the work being done by the seafood sector in managing marine litter and the other environmental projects such as lobster v-notching, conservation of fishing stocks by use of environmentally responsible fishing gear and information on aquaculture. The third project was the provision of finfish welfare workshops to the aquaculture sector.</p> <p><b><u>Seafood Training Scheme</u></b></p> <p>This Scheme provides public expenditure to seafood sector stakeholders to participate in defined training courses. 56 applications were approved and paid for in 2019. These projects drew down public expenditure amounting to €99,893. A number of projects approved in 2019 are expected to complete and draw down in 2020.</p>
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	<p>Overall experience of the implementation of the EMFF in aquaculture has been increasingly positive over the duration of the programme. Improvements in the national aquaculture licencing system has meant that more businesses are eligible to apply for funding to develop their farms. The licencing backlog for shellfish is close to completion and the licencing backlog for finfish still to be resolved</p> <p>The Sustainable Aquaculture Scheme is the main funding mechanism for the aquaculture sector for the purchase of capital equipment to develop, modernise and enhance the environmental sustainability of their businesses. Since 2016 (launch of EMFF OP in Ireland) 106 projects under SAS have been completed with a total public expenditure of approx. €7.1m</p> <p>The Knowledge Gateway Scheme is concerned with the promotion of</p>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p>knowledge, innovation and technology in the aquaculture sector. Uptake at the start of the programme was slow as the connections between the aquaculture sector and research bodies were not established. Over the last 2 years the research institutions have formed connections with the aquaculture sector through BIM which has increased the uptake for projects under the scheme.</p> <p>There are currently 11 projects ongoing with a total public expenditure of €2.185m. These projects are multi-annual in nature and will be completed by 2022. These projects concern integrated multi-trophic aquaculture, development of products from seaweed, environmental management in connection with the WFD, animal husbandry and developing techniques for production of native oysters. The BIM work programme projects are designed to assist in the implementation of the National Strategic Plan for Sustainable Aquaculture Development.</p> <p>In 2019, the EMFF Programme invested public expenditure of €5,570,438 in support of 68 aquaculture projects through two support schemes . This investment was split between supports for capital investment and for innovation/research/advice.</p> <p><b>Knowledge Gateway Scheme</b></p> <p>The objective of the Knowledge Gateway Scheme is to promote knowledge, innovation and technology with focus on research, new species development, managing diseases, business planning advisory, training, networking and knowledge transfer.</p> <p>During 2019, thirteen research projects from the aquaculture sector and research institutions were supported under the Knowledge Gateway Scheme with public expenditure of €857,857.85. These projects included research into the following.</p> <ul style="list-style-type: none"> <li>• Structural and functional characterisation of high value, bioactive compounds from <i>Alaria esculenta</i> cultivated in longlines in Bantry Bay</li> <li>• Development of autonomous finfish vaccine</li> <li>• The feasibility of upscaling Irish mussel production through development of offshore sites using innovative culture systems</li> <li>• Testing thermal treatments for the removal of sea lice from Atlantic Salmon</li> </ul>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p>A further 24 projects with public expenditure of €2,530,198.00 were undertaken by BIM as public good and industry development projects. Of these projects, 14 were concerned with innovation, 7 advisory services, 2 communications and promotion and 1 on animal welfare. Projects were looking at fish health innovations, invasive alien species research and risk assessment, research into Norovirus prevalence and distribution, development of anti-methanogenic compounds from seaweeds for inclusion in ruminant diets, and implementation of the “Farmed in the EU” aquaculture campaign.</p> <p><b>Sustainable Aquaculture Scheme</b></p> <p>During 2019, 31 projects were supported with public expenditure of €2,182,383.54 . The majority of projects were for building capacity in the aquaculture sector and a small number of projects were related to organic aquaculture certification.</p> <p>The breakdown by species of these projects is listed below.</p> <ul style="list-style-type: none"> <li>• 58% Oysters</li> <li>• 23% Rope Mussels</li> <li>• 13% Finfish</li> <li>• 3% Seaweed</li> <li>• 3% Lumpfish</li> </ul> <p>The oyster sector continues to show high levels of investment in capital equipment projects but there is increasing demand from other sectors, including novel species such as seaweed and lumpfish.</p>
3 - Fostering the implementation of the CFP	<p>In 2019, the EMFF Programme provided public expenditure of €24,503,599 in support of 12 projects through two support schemes under Union Priority 3.</p> <p><b>Control and Enforcement Scheme</b></p> <p>The Sea Fisheries Protection Authority invested public expenditure of € 1,255,510 in 2019. In addition to certain ongoing multi-annual projects, the Managing Authority directly approved 3 new SFPA projects in 2019.</p>

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	<p>The projects currently underway by the SFPA include:</p> <ul style="list-style-type: none"> <li>• <b>VALID:</b> The VALID project sets out the guidelines for a validation system as defined in the Control Regulation (EC) N° 1224/2009 Art.109 and Control Implementing Regulation (EU) N° 404/2011 Art.144-145. This includes development of automated systems and supporting databases for the purpose of validation of data in accordance with the regulation.</li> <li>• <b>Compliance Promotion:</b> In 2019, projects implemented include awareness campaigns and events with industry, Landing Obligations conference and the date the redevelopment of the SFPA intranet.</li> <li>• <b>ieInspect:</b> Enhancements to the existing ieInspect application to remove the need for paper-based inspections. This includes an upgrade to support new standard message format, UNCEFACT which supports inspections for vessels from all Member States.</li> <li>• <b>Training and Exchange:</b> Development of training and exchange programmes between Member States, in the monitoring, control and surveillance of fisheries activities; training in relation to the landing obligations and gear selectivity devices, risk analysis and regulator training to provide an understanding of the legal system, legislation and its integration within the Irish system.</li> <li>• <b>National Infringements Register:</b> Establishment of an electronic National Infringements Register in support of EU 1224/2009 Art 93 to capture infringements from the inspection reports, including vessel details and integrate an electronic version of the reports with a case management system, providing the ability to identify and manage instances of non-compliant vessels.</li> <li>• <b>Weighing at Landing:</b> The Weighing at Landing project supports the requirement to implement processes and infrastructure that meet regulatory obligations by putting in place a system that permits the adequate control prior to transport from place of landing.</li> <li>• <b>Vessel Monitoring Systems:</b> Replacement of all existing Vessel Monitoring Systems (VMS) on all Irish fishing vessels greater than 12m in overall length to ensure continued monitoring of activity on Irish vessels subject to EU and other regulations.</li> </ul> <p>The Information management technology (IMT) division of the Department of Agriculture Food and the Marine (DAFM) develops and maintains the fisheries IT systems to support the Fisheries control authority (SFPA). DAFM invested a total of €3,179,613 in public expenditure for Phase 3 of the Integrated Fisheries Information System (IFIS) and electronic reporting systems. This project covered the</p>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p>following developments:</p> <ul style="list-style-type: none"> <li>• EU requirement to implement UN/CEFACT standardisation for the exchange of information: <ul style="list-style-type: none"> <li>• FLUX upgrades as required by the EU</li> <li>• Vessel Software modifications</li> <li>• Modifications to existing Sales notes systems</li> <li>• Implement Sales notes Query</li> </ul> </li> <li>• Valid Phase 1 – The introduction of a system to perform cross-checking analyses and verifications of data through automated computerised algorithms and mechanisms</li> <li>• Commencement of the development of an Online portal for Sea food online services (SFOS)</li> <li>• Initial phase will include a portal and access to view vessel, capacity and apply for a license up to letter of offer stage</li> </ul> <p>The Department of Defence invested public expenditure of € 13,982,143 in 2019 in 3 projects and a further project is awaiting final approval. The 3 projects involved include the following:</p> <ul style="list-style-type: none"> <li>• Contribution to the cost of replacement of Irish Air Corps Maritime Patrol Aircraft</li> <li>• Training relating to new Maritime Patrol Aircraft.</li> <li>• Upgrade of the Fishery Monitoring Centre Lirguard Fishery Protection System - the national VMS management system.</li> </ul> <p>-</p> <p><b>Data Collection Scheme</b></p> <p>In 2019, some €6.1 million of public expenditure was invested by the Marine Institute in the Data Collection Scheme under UP3, although the actual cost of Data Collection activities exceeded this. EMFF Programme funds for Data Collection were exhausted and this meant that some Data Collection activities had to be funded solely by the Government of Ireland. Ireland's Data collection programme includes catch sampling at sea and in ports, 7 internationally coordinated research survey programmes, inshore and diadromous sampling and surveys, collection of transversal data and the socioeconomic evaluation of the fishing, fish processing and aquaculture sectors.</p>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<ul style="list-style-type: none"> <li>• Biological data was collected at sea on board commercial and research vessels and in fishing ports around the coast as part of ports based sampling at a cost of €370,000 in 2019 excluding staff costs. Some 80 at sea sampling trips were completed with an additional 48 inshore shellfish observer trips. A total of 307 port sampling trips were completed for demersal stocks and 203 for Pelagic fish stocks.</li> <li>• In 2019, a biological sampling programme for the diadromous species salmon and eel was carried out and included surveys in the freshwater, trap returns and the national coded wire tag programme at a cost of €54,000. A pilot study was initiated to estimate the impact of recreational fisheries on commercial fish stocks in Ireland at a cost of €34,000 in 2019.</li> <li>• Seven internationally coordinated off shore research programmes at sea were completed in 2019, comprising 236 sea days and 2,171 scientific sea days. Total expenditure for the activities was close to €4,800,000.</li> <li>• Thirteen inshore shellfish surveys had a cost of €83,000 and provided data for oyster, cockle, scallop and razor clams.</li> <li>• The economic situation of the aquaculture and processing industry sectors was evaluated through the collection of census data, economic sample surveys and audited accounts from the Companies Registration Office (CRO).</li> <li>• International coordination of fisheries data collection and analysis was achieved through the participation at and contribution to 54 ICES and EU scientific expert groups directly related to the Data Collection Scheme with a cost of €128,000 for 2019.</li> </ul>
4 - Increasing employment and territorial cohesion	<p><b>Fisheries Local Area Development Scheme</b></p> <p>The FLAG scheme did not actually implement projects until 2017 and on a year and year basis the number of projects approved and completed and the amount of public expenditure allocated to the projects has increased and based on the FLAG implementation in 2019 it is expected that the FLAG scheme will fully draw down its full budget in 2020 and 2021.</p> <p>In 2019, the 7 FLAGs paid out public expenditure of €2,442,083. The 7 FLAGs initiated their third year of project calls in the early period of 2019. Payments were made to 207 projects, including some deferred from 2018. Other approved 2019 projects will be completed in 2020 and will contribute to the 2020 spend.</p> <p>FLAG projects implemented in 2019 included the following:</p>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<ul style="list-style-type: none"> <li>• Capital investments in micro seafood enterprises</li> <li>• Marine tourism and marine leisure projects,</li> <li>• Heritage projects,</li> <li>• Small harbour facilities and environmental projects.</li> <li>• Environmental and training projects.</li> </ul>
5 - Fostering marketing and processing	<p>In 2019, the EMFF Programme supported 28 projects with public expenditure of €4,858,757 through four support schemes. These investments supported a broad range of activities, including:</p> <ul style="list-style-type: none"> <li>• Promotion of seafood</li> <li>• Capital investment in seafood enterprises to support value-adding investments</li> <li>• Market development</li> <li>• Market organisation through Producer Organisations</li> <li>• Consumer and market research</li> </ul> <p style="text-align: center;">-</p> <p><b>Seafood Promotion Scheme</b></p> <p>In 2019, Bord Bia invested public expenditure of €2.21 million in under 5 approved projects. This work contributed to the following initiatives.</p> <ul style="list-style-type: none"> <li>• <b>International trade exhibition programme for seafood</b> - which comprised a Bord Bia Ireland Pavilion at 8 international trade shows including the following: <ul style="list-style-type: none"> <li>○ SEG, Brussels</li> <li>○ PLMA, Amsterdam</li> <li>○ Boston Seafood Show, Boston</li> <li>○ Conxemar, Vigo, Spain</li> <li>○ Biofach, Nuremburg</li> <li>○ Tokyo Seafood Show</li> <li>○ World Seafood, Shanghai</li> <li>○ Chinese Fisheries Show, Qingdao</li> </ul> <p style="margin-left: 40px;">A total of 66 seafood processors from the pelagic, shellfish, salmon and added value seafood sectors participated across these 8 international seafood shows.</p> </li> <li>• <b>Domestic market seafood campaigns</b> - two campaigns to promote shellfish among Irish consumers were carried out in</li> </ul>



Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p>2019. Support continued in 2019 for the seafood television series called “Trails” which aimed to educate Irish consumers about the range and diversity of Irish seafood available and of the simplicity of cooking with seafood.</p> <ul style="list-style-type: none"> <li>• <b>'Feet on the Street' resources</b> - These additional ground resources in China and Japan have resulted in 10 inward buyers visits to Ireland and it has also resulted in 2 food journalists from Japan visiting Irish seafood farms and processing facilities and generating fantastic media coverage on the Irish sector in these target markets in 2018. Irish Seafood was profiled in 12 different articles in both publications as a direct result of their visit to Ireland.</li> <li>• <b>B2B &amp; B2C campaigns</b> – A B2B seafood campaign in Japan was coordinated promoting Irish Seafood. In addition, a B2B and a B2C seafood campaign in China was also launched in 2019 aimed at educating the Chinese trade about Irish shellfish, its sustainability credentials its USP’s and information about the Irish supply base.</li> <li>• <b>Emerging Market Seafood promotions</b> - 6 promotions carried out in leading retail and foodservice outlets in China and Japan in 2019.</li> </ul> <p><b>Producer Organisation Scheme</b></p> <p>In 2019, five projects were supported with public expenditure of €380,420, based on eligible expenditure of €641,093. Five claims were received from the Producer Organisations in relation to expenditure incurred and eligible under the scheme.</p> <p>The grant aid rates involved a mixture of capped maximum assistance at a grant aid rate of up to 65%. Expenditure related to direct staff costs, with other typical costs incurred involving the engagement of consultants to assist in the preparation of the Marketing Plans and Activity Reports. Capital items mainly involved upgrading of computer software and equipment.</p> <p><b>Seafood Scaling and New Market Development Scheme</b></p> <p>In 2019, 5 projects were supported with public expenditure of €314,364.</p> <p>Two projects were approved which involved collectives, each</p>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p>comprising of three unrelated processing enterprises combining to invest in marketing costs to develop markets in Asia, including retention of the services of a native in-market consultant. One of these two projects completed and was supported with public expenditure of €155,626. The second project is expected to draw down grant aid in early 2020.</p> <p>BIM undertook four projects for the benefit of the sector with support of public expenditure to the amount of €158,738. These projects included:</p> <ul style="list-style-type: none"> <li>• <b>Project Atlantic</b> - Project Atlantic is BIM led with a joint industry and State Steering Group with the objective to determine and enable the seafood sector to add value to the increased landings into Irish fishery ports.</li> <li>• <b>Domestic Council</b> - The Domestic Council consists of a collective of seafood processors, formed in 2017, whose main aim is to represent, promote and develop the domestic Irish seafood sector. Members of the council travelled on a study to the Bremerhaven area in September 2019. The trip was focused on new smart innovative technologies for processing. The food research centre TTZ Bremerhaven, which is part of the University of Bremen, hosted a seminar on a new freeze/thaw technology being developed.</li> <li>• <b>Value Add to Whiting &amp; Haddock</b> - Building alignment through the catching sector via the processors to the export markets to increase the amount of value-add whiting processed in Ireland as opposed to shipping product as a commodity to spot markets.</li> <li>• <b>A Strategic Appraisal of the Irish Pelagic Sector</b> – A strategic appraisal of the sector to assess current activities and how complementary value-add opportunities could be developed. A report was produced for the pelagic sector detailing the various options.</li> </ul> <p><b>Seafood Processing Capital Investment Scheme</b></p> <p>In 2019, 16 seafood capital investment projects were implemented and were supported with public expenditure of €1,953,973, which leveraged investment of €6.6m into the seafood processing sector.</p> <p>The Scheme supports capital investment by seafood processors with the objective of adding value, increasing efficiency and lowering environmental impact. Under the Scheme a grant rate of 30% is</p>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p>allowed for value adding secondary processing equipment, while 15% is allowed for other eligible investments.</p> <p>In general, the projects related to fresh whitefish/salmon/shellfish processing and typically involved expenditure on state of the art seafood processing equipment, including fish filleting portioning and packing lines.</p>
6 - Fostering the implementation of the Integrated Maritime Policy	<p>In 2019, the EMFF Programme invested public expenditure of €1,923,534 in support of 24 projects through two support schemes under Union Priority 6</p> <p><b>Blue Growth &amp; Marine Spatial Planning Scheme</b></p> <p>In 2019, €1,450,000 in public expenditure was invested in 16 projects under the Blue Growth and Marine Spatial Planning Scheme.</p> <p><b>Blue Growth Projects (5 new projects)</b></p> <p>5 projects on data management quality, data governance, data integration and data platforms have begun. These projects have extended outputs on data gap analyses and data management quality from previous projects to target the effective implementation of the Data Management Quality Management Framework in further support of Marine Spatial Planning and also in support of the Marine Strategy Framework Directive and Data Collection Framework.</p> <p><b>Marine Spatial Planning projects (11 projects, including 3 new projects)</b></p> <ul style="list-style-type: none"> <li>• 5 <i>Spatial Data and Evidence projects</i> - These provided technical and scientific expertise to support the implementation of MSP in Ireland.</li> <li>• 2 projects on <i>Data Management and Information Services for MSP</i> were completed. These saw release of a data catalogue for marine datasets, many of which are relevant to MSP; the implementation for MSP datasets of a Data Management Quality Management Framework; and a data storage and publication system for MSP allowing layers included in</li> </ul>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p>Ireland's national Marine Planning Framework consultation.</p> <ul style="list-style-type: none"> <li>• The <i>Marine Invasive Alien Species (IAS)</i> project recruited 2 postdocs to research e-DNA early detection surveillance methods. Field and lab work has been on-going. A second project focused on the modelling and mapping of marine IAS was initiated.</li> <li>• A project began which will broadly <i>define and classify Ireland's Seascapes</i>. It is an important technical study in support of Ireland's National Marine Planning Framework. The project will develop and map character assessments.</li> <li>• A new project commenced on <i>collection and collation of seabed imagery data for Marine Spatial Planning</i>. A desktop study was carried out to assess current best practice for international sediment sample and seabed imagery metadata collation and integration.</li> </ul> <p><b>Marine Biodiversity Scheme:</b></p> <p>In 2019, some €473,534 of public expenditure was invested under the Marine Biodiversity Scheme under UP 6. One project commenced in 2018 and 7 new projects commenced in 2019 and these 8 projects can be broken down under the following areas.</p> <p>NATURA fisheries interaction</p> <ul style="list-style-type: none"> <li>• <i>Multidisciplinary digital aerial mapping of the marine coastal environment</i> was continued in 2019 providing estimates of seabird populations and their distribution in the surveyed area.</li> </ul> <p>NATURA Aquaculture interaction</p> <ul style="list-style-type: none"> <li>• 2 projects, <i>the Appropriate assessment of aquaculture activities in SPAs and in SACs</i> are investigating the interactions between proposed aquaculture activities and Natura features (habitats and species) in Natura 2000 sites, SPAs and SACs</li> <li>• The 3rd was to <i>Measure the effectiveness of mitigation measures of managed activities (aquaculture) carried out in Natura sites</i>. Monitoring of the effectiveness of the management actions (i.e. mitigation) or to assess the likely impact of the activities on shorebirds in the Natura site. These</li> </ul>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	<p>studies focus on five SPA sites.</p> <p>Impact of fisheries on biodiversity and support for Marine Strategy Framework Diversity</p> <ul style="list-style-type: none"> <li>• <i>Ecosystem data collection on Irish fisheries surveys in support of MSFD, Natura and Habitat mapping- Phase 2</i> continues from the 2017-2018 project exploring the application of ecosystem data collection on fisheries surveys in support of marine mammal and seabird observational data for MSFD</li> <li>• <i>MSY proxies for data-limited stocks for key stone species and species sensitive to the impacts of fishing - Phase 2</i> Capacity building commenced to apply these approaches nationally and internationally. Case studies will build capacity and test the value of the MYDAS framework internationally, including in ICES.</li> <li>• <i>Monitoring the recovery of over exploited deep-water species</i> The results will be used to evaluate whether deep-water species are recovering following the decline of the fishery.</li> <li>• <i>MSFD Indicator assessment D1 and D4 fish biodiversity</i> - funded a crucial exercise in conducting the D1 biodiversity assessments for the MSFD assessment cycle. A full D1C1 assessment of fish eligible under the MSFD was completed using the OSPAR FC1 fish biodiversity method and the final report is in preparation.</li> </ul>
7 - Technical assistance	<p>In 2019, total public expenditure on Technical Assistance amounted to €1,359,355. Technical Assistance supported:</p> <ul style="list-style-type: none"> <li>• Contracted staff resources for implementing bodies, which accounted for most of the costs</li> <li>• Costs to implementing bodies of additional resources to implement EMFF schemes and to project manage EMFF projects</li> <li>• Information and publicity measures</li> <li>• Administration and animation of FLAGs</li> <li>• EMFF training and workshops</li> <li>• Publication of the 1st modification of the EMFF programme 2014-2020</li> <li>• Purchase of microphones to enhance the quality of the EMFF Monitoring Committee meetings, workshops and training</li> <li>• Costs of the Monitoring Committee including attendance</li> </ul>

Union priority	Key information on the implementation of the priority with reference to key developments, significant problems and steps taken to address these problems
	support for the Environmental Pillar

### 3.2. Result, output and financial indicators for EMFF (Article 50(2) of Regulation (EU) No 1303/2013)

Union priority	1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries
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Table 1: Result indicators for the EMFF - 1

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.4.a - Change in unwanted catches (tonnes)	tonnes	-10,000.00000		
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.4.b - Change in unwanted catches (%)	%	-85.00000		
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.5 - Change in fuel efficiency of fish capture	litres fuel/ tonnes landed catch	-50.00000		
2 - Protection and restoration of aquatic biodiversity and ecosystems	1.5 - Change in fuel efficiency of fish capture	litres fuel/ tonnes landed catch	-50.00000		
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.3 - Change in net profits	thousand Euros	6.50000		
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.6 - Change in the % of unbalanced fleets	%	-100.00000		
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.1 - Change in the value of production	thousand Euros	23,000.00000		
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.2 - Change in the volume of production	tonnes	33,000.00000		
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.3 - Change in net profits	thousand Euros	6.50000		
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.5 - Change in fuel efficiency of fish capture	litres fuel/ tonnes landed catch	-50.00000		

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.7 - Employment created (FTE) in the fisheries sector or complementary activities	FTE	1,200.00000		
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.8 - Employment maintained (FTE) in the fisheries sector or complementary activities	FTE	200.00000		
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.1 - Change in the value of production	thousand Euros	23,000.00000		
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.2 - Change in the volume of production	tonnes	33,000.00000		
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.3 - Change in net profits	thousand Euros	6.50000		
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.5 - Change in fuel efficiency of fish capture	litres fuel/ tonnes landed catch	-50.00000		
6 - Development of professional training, new professional skills and lifelong learning	1.7 - Employment created (FTE) in the fisheries sector or complementary activities	FTE	1,200.00000		
6 - Development of professional training, new professional skills and lifelong learning	1.8 - Employment maintained (FTE) in the fisheries sector or complementary activities	FTE	2,280.00000		
6 - Development of professional training, new professional skills and lifelong learning	1.9.a - Change in the number of work-related injuries and accidents	number	-4.00000		

Specific objective	Result indicator	2018	2017	2016	2015
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.4.a - Change in unwanted catches (tonnes)	0.00000	0.00000	0.00000	0.00000
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.4.b - Change in unwanted catches (%)	0.00000	0.00000	0.00000	0.00000
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.5 - Change in fuel efficiency of fish capture	0.00000	0.00000	0.00000	0.00000



Specific objective	Result indicator	2018	2017	2016	2015
2 - Protection and restoration of aquatic biodiversity and ecosystems	1.5 - Change in fuel efficiency of fish capture	0.00000	0.00000	0.00000	0.00000
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.3 - Change in net profits	0.00000	0.00000	0.00000	0.00000
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.6 - Change in the % of unbalanced fleets	0.00000	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.1 - Change in the value of production	0.00000	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.2 - Change in the volume of production	0.00000	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.3 - Change in net profits	0.00000	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.5 - Change in fuel efficiency of fish capture	0.00000	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.7 - Employment created (FTE) in the fisheries sector or complementary activities	0.00000	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.8 - Employment maintained (FTE) in the fisheries sector or complementary activities	0.00000	0.00000	0.00000	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.1 - Change in the value of production	0.00000	0.00000	0.00000	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.2 - Change in the volume of production	0.00000	0.00000	0.00000	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.3 - Change in net profits	0.00000	0.00000	0.00000	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.5 - Change in fuel efficiency of fish capture	0.00000	0.00000	0.00000	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.7 - Employment created (FTE) in the fisheries sector or complementary activities	0.00000	0.00000	0.00000	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.8 - Employment maintained (FTE) in the fisheries sector or complementary activities	0.00000	0.00000	0.00000	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.9.a - Change in the number of work-related injuries and accidents	0.00000	0.00000	0.00000	0.00000

Specific objective	Result indicator	2014
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.4.a - Change in unwanted catches (tonnes)	0.00000
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.4.b - Change in unwanted catches (%)	0.00000

<b>Specific objective</b>	<b>Result indicator</b>	<b>2014</b>
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.5 - Change in fuel efficiency of fish capture	0.00000
2 - Protection and restoration of aquatic biodiversity and ecosystems	1.5 - Change in fuel efficiency of fish capture	0.00000
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.3 - Change in net profits	0.00000
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.6 - Change in the % of unbalanced fleets	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.1 - Change in the value of production	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.2 - Change in the volume of production	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.3 - Change in net profits	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.5 - Change in fuel efficiency of fish capture	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.7 - Employment created (FTE) in the fisheries sector or complementary activities	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.8 - Employment maintained (FTE) in the fisheries sector or complementary activities	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.1 - Change in the value of production	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.2 - Change in the volume of production	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.3 - Change in net profits	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.5 - Change in fuel efficiency of fish capture	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.7 - Employment created (FTE) in the fisheries sector or complementary activities	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.8 - Employment maintained (FTE) in the fisheries sector or complementary activities	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.9.a - Change in the number of work-related injuries and accidents	0.00000

<b>Specific objective</b>	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches
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Table 2: Output indicators for EMFF -1.1

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 37 Support for the design and implementation of conservation measures	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	✓	4.00	0.00	0.00	0.00
02 - Article 38 Limiting the impact of fishing on the marine environment and adapting fishing to the protection of species (+ art. 44.1.c Inland fishing)	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	✓	126.00	0.00	0.00	0.00
03 - Article 39 Innovation linked to the conservation of marine biological resources (+ art. 44.1.c Inland fishing)	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	✓	20.00	3.00	1.00	1.00
04 - Article 40.1.a Protection and restoration of marine biodiversity – collection of lost fishing gear and marine litter	06	1.6 - N° of projects on protection and restoration of marine biodiversity, ecosystems	✓	2.00	4.00	2.00	1.00
05 - Article 43.2 Fishing ports, landing sites, auction halls and shelters – investments to facilitate compliance with the obligation to land all catches	06	1.3 - N° of projects on added value, quality, use of unwanted catches and fishing ports, landing sites, actions halls and shelters		30.00	4.00	0.00	2.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 37 Support for the design and implementation of conservation measures	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	0.00	0.00	0.00	0.00
02 - Article 38 Limiting the impact of fishing on the marine environment and adapting fishing to the protection of species (+ art. 44.1.c Inland fishing)	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	0.00	0.00	0.00	0.00
03 - Article 39 Innovation linked to the conservation of marine biological resources (+ art. 44.1.c Inland fishing)	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	1.00	0.00	0.00	0.00
04 - Article 40.1.a Protection and restoration of marine biodiversity – collection of lost fishing gear and marine litter	06	1.6 - N° of projects on protection and restoration of marine biodiversity, ecosystems	1.00	0.00	0.00	0.00
05 - Article 43.2 Fishing ports, landing sites, auction halls and shelters – investments to facilitate compliance with the obligation to land all catches	06	1.3 - N° of projects on added value, quality, use of unwanted catches and fishing ports, landing sites, actions halls and shelters	2.00	0.00	0.00	0.00

<b>Specific objective</b>	2 - Protection and restoration of aquatic biodiversity and ecosystems
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Table 2: Output indicators for EMFF -1.2

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 40.1.b-g, i Protection and restoration of marine biodiversity – contribution to a better management or conservation, construction, installation or modernisation of static or movable facilities, preparation of protection and management plans related to NATURA2000 sites and spatial protected areas, management, restoration and monitoring marine protected areas, including NATURA 2000 sites, environmental awareness, participation in other actions aimed at maintaining and enhancing biodiversity and ecosystem services (+ art. 44.6 Inland fishing)	06	1.6 - N° of projects on protection and restoration of marine biodiversity, ecosystems	✓	50.00	262.00	67.00	70.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 40.1.b-g, i Protection and restoration of marine biodiversity – contribution to a better management or conservation, construction, installation or modernisation of static or movable facilities, preparation of protection and management plans related to NATURA2000 sites and spatial protected areas, management, restoration and monitoring marine protected areas, including NATURA 2000 sites, environmental awareness, participation in other actions aimed at maintaining and enhancing biodiversity and ecosystem services (+ art. 44.6 Inland fishing)	06	1.6 - N° of projects on protection and restoration of marine biodiversity, ecosystems	63.00	62.00	0.00	0.00

<b>Specific objective</b>	3 - Ensuring a balance between fishing capacity and available fishing opportunities
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Table 2: Output indicators for EMFF -1.3

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
02 - Article 36 Support to systems of allocation of fishing opportunities	06	1.2 - N° of projects on systems of allocation of fishing opportunities	✓	1.00	1.00	1.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
02 - Article 36 Support to systems of allocation of fishing opportunities	06	1.2 - N° of projects on systems of allocation of fishing opportunities	0.00	0.00	0.00	0.00

<b>Specific objective</b>	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions
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Table 2: Output indicators for EMFF -1.4

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 27 Advisory services (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists		35.00	10.00	0.00	4.00
03 - Article 31 Start-up support for young fishermen (+ art. 44.2 Inland fishing)	03	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of	✓	15.00	20.00	13.00	5.00

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
		income, start-ups for fishermen and health/safety					
04 - Article 32 Health and safety (+ art. 44.1.b Inland fishing)	03	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	✓	100.00	24.00	0.00	4.00
06 - Article 35 Mutual funds for adverse climatic events and environmental incidents	03	1.11 - N° of projects on mutual funds		1.00	0.00	0.00	0.00
08 - Article 42 Added value, product quality and use of unwanted catches (+ art. 44.1.e Inland fishing)	03	1.3 - N° of projects on added value, quality, use of unwanted catches and fishing ports, landing sites, actions halls and shelters		110.00	332.00	123.00	109.00
09 - Article 43.1 + 3 Fishing ports, landing sites, auction halls and shelters - investments improving fishing port and auctions halls infrastructure or landing sites and shelters; construction of shelters to improve safety of fishermen (+ art. 44.1.f Inland fishing)	03	1.3 - N° of projects on added value, quality, use of unwanted catches and fishing ports, landing sites, actions halls and shelters		6.00	4.00	0.00	2.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 27 Advisory services (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists	4.00	2.00	0.00	0.00
03 - Article 31 Start-up support for young fishermen (+ art. 44.2 Inland fishing)	03	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	1.00	1.00	0.00	0.00
04 - Article 32 Health and safety (+ art. 44.1.b Inland fishing)	03	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	14.00	6.00	0.00	0.00
06 - Article 35 Mutual funds for adverse climatic events and environmental incidents	03	1.11 - N° of projects on mutual funds	0.00	0.00	0.00	0.00
08 - Article 42 Added value, product quality and use of unwanted catches (+ art. 44.1.e Inland fishing)	03	1.3 - N° of projects on added value, quality, use of unwanted catches and fishing ports, landing sites, actions halls and shelters	82.00	18.00	0.00	0.00
09 - Article 43.1 + 3 Fishing ports, landing sites, auction halls and shelters - investments improving fishing port and auctions halls infrastructure or landing sites and shelters; construction of shelters to improve safety of fishermen (+ art. 44.1.f Inland fishing)	03	1.3 - N° of projects on added value, quality, use of unwanted catches and fishing ports, landing sites, actions halls and shelters	2.00	0.00	0.00	0.00

<b>Specific objective</b>	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer
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Table 2: Output indicators for EMFF -1.5

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 26 Innovation (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with		10.00	64.00	18.00	29.00

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
		scientists					
02 - Article 28 Partnerships between fishermen and scientists (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists		50.00	3.00	0.00	2.00
03 - Article 41.1.a, b, c Energy efficiency and mitigation of climate change – on board investments; energy efficiency audits and schemes; studies to assess the contribution of alternative propulsion systems and hull designs (+ art. 44.1.d Inland fishing)	04	1.7 - N° of projects on energy efficiency, mitigation of climate change		15.00	0.00	0.00	0.00
04 - Article 41.2 Energy efficiency and mitigation of climate change - Replacement or modernisation of main or ancillary engines (+ art. 44.1.d Inland fishing)	04	1.8 - N° of projects on replacement or modernisation of engines		10.00	10.00	6.00	4.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 26 Innovation (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists	17.00	0.00	0.00	0.00
02 - Article 28 Partnerships between fishermen and scientists (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists	1.00	0.00	0.00	0.00
03 - Article 41.1.a, b, c Energy efficiency and mitigation of climate change – on board investments; energy efficiency audits and schemes; studies to assess the contribution of alternative propulsion systems and hull designs (+ art. 44.1.d Inland fishing)	04	1.7 - N° of projects on energy efficiency, mitigation of climate change	0.00	0.00	0.00	0.00
04 - Article 41.2 Energy efficiency and mitigation of climate change - Replacement or modernisation of main or ancillary engines (+ art. 44.1.d Inland fishing)	04	1.8 - N° of projects on replacement or modernisation of engines	0.00	0.00	0.00	0.00

<b>Specific objective</b>	6 - Development of professional training, new professional skills and lifelong learning
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Table 2: Output indicators for EMFF -1.6

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 29.1 + 29.2 Promoting human capital and social dialogue - training, networking, social dialogue; support to spouses and life partners (+ art. 44.1.a Inland fishing)	08	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	✓	205.00	96.00	76.00	13.00
02 - Article 29.3 Promoting human capital and social dialogue – trainees on board of SSCF vessels / social dialogue (+ art. 44.1.a Inland fishing)	08	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	✓	5.00	6.00	6.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 29.1 + 29.2 Promoting human capital and social dialogue - training, networking, social dialogue; support to spouses and life partners (+ art. 44.1.a Inland fishing)	08	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	6.00	1.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
02 - Article 29.3 Promoting human capital and social dialogue – trainees on board of SSCF vessels / social dialogue (+ art. 44.1.a Inland fishing)	08	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	0.00	0.00	0.00	0.00

Union priority	2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture
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*Table 1: Result indicators for the EMFF - 2*

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.1 - Change in volume of aquaculture production	tonnes	45,000.00000	0.00000	0.00000
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.2 - Change in value of aquaculture production	thousand Euros	112,000.00000	0.00000	0.00000
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.3 - Change in net profit	thousand Euros	47,800.00000	0.00000	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.1 - Change in volume of aquaculture production	tonnes	45,000.00000	12,153.00000	1,263.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.2 - Change in value of aquaculture production	thousand Euros	112,000.00000	23,095.00000	3,460.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.3 - Change in net profit	thousand Euros	47,800.00000	30,249.00000	2,510.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.8 - Employment created	FTE	450.00000	0.00000	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.9 - Employment maintained	FTE	250.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.4 - Change in the volume of production organic aquaculture	tonnes	3,500.00000	0.00000	0.00000

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.5 - Change in the volume of production recirculation system	tonnes	25.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.7 - Aquaculture farms providing environmental services	number	0.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.8 - Employment created	FTE	450.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.9 - Employment maintained	FTE	250.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.1 - Change in volume of aquaculture production	tonnes	45,000.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.2 - Change in value of aquaculture production	thousand Euros	112,000.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.4 - Change in the volume of production organic aquaculture	tonnes	3,000.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.5 - Change in the volume of production recirculation system	tonnes	25.00000	0.00000	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.8 - Employment created	FTE	450.00000	0.00000	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.9 - Employment maintained	FTE	250.00000	0.00000	0.00000

Specific objective	Result indicator	2018	2017	2016	2015
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.1 - Change in volume of aquaculture production	0.00000	0.00000	0.00000	0.00000
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.2 - Change in value of aquaculture production	0.00000	0.00000	0.00000	0.00000



Specific objective	Result indicator	2018	2017	2016	2015
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.3 - Change in net profit	0.00000	0.00000	0.00000	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.1 - Change in volume of aquaculture production	1,726.00000	2,351.00000	6,813.00000	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.2 - Change in value of aquaculture production	9,602.00000	8,185.00000	1,848.00000	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.3 - Change in net profit	6,057.00000	7,585.00000	14,097.00000	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.8 - Employment created	0.00000	0.00000	0.00000	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.9 - Employment maintained	0.00000	0.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.4 - Change in the volume of production organic aquaculture	0.00000	0.00000	200.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.5 - Change in the volume of production recirculation system	0.00000	0.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.7 - Aquaculture farms providing environmental services	0.00000	0.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.8 - Employment created	0.00000	0.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.9 - Employment maintained	0.00000	0.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.1 - Change in volume of aquaculture production	0.00000	0.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.2 - Change in value of aquaculture production	0.00000	0.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.4 - Change in the volume of production organic aquaculture	0.00000	0.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.5 - Change in the volume of production recirculation system	0.00000	0.00000	0.00000	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.8 - Employment created	0.00000	66.00000	59.00000	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.9 - Employment maintained	0.00000	184.00000	118.00000	0.00000

Specific objective	Result indicator	2014
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.1 - Change in volume of aquaculture	0.00000

Specific objective	Result indicator	2014
	production	
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.2 - Change in value of aquaculture production	0.00000
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.3 - Change in net profit	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.1 - Change in volume of aquaculture production	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.2 - Change in value of aquaculture production	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.3 - Change in net profit	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.8 - Employment created	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.9 - Employment maintained	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.4 - Change in the volume of production organic aquaculture	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.5 - Change in the volume of production recirculation system	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.7 - Aquaculture farms providing environmental services	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.8 - Employment created	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.9 - Employment maintained	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.1 - Change in volume of aquaculture production	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.2 - Change in value of aquaculture production	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.4 - Change in the volume of production organic aquaculture	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.5 - Change in the volume of production recirculation system	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.8 - Employment created	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.9 - Employment maintained	0.00000

<b>Specific objective</b>	1 - Provision of support to strengthen technological development, innovation and knowledge transfer
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Table 2: Output indicators for EMFF -2.1

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 47 Innovation	03	2.1 - N° of projects on innovation, advisory services	✓	150.00	57.00	20.00	18.00
02 - Article 49 Management, relief and advisory services for aquaculture farms	03	2.1 - N° of projects on innovation, advisory services	✓	40.00	18.00	7.00	7.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 47 Innovation	03	2.1 - N° of projects on innovation, advisory services	13.00	6.00	0.00	0.00
02 - Article 49 Management, relief and advisory services for aquaculture farms	03	2.1 - N° of projects on innovation, advisory services	4.00	0.00	0.00	0.00

<b>Specific objective</b>	2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs
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Table 2: Output indicators for EMFF -2.2

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 48.1.a-d, f-h Productive investments in aquaculture	03	2.2 - N° of projects on productive investments in aquaculture	✓	110.00	118.00	31.00	35.00
02 - Article 52 Encouraging new sustainable aquaculture farmers	03	2.5 - N° of projects on promoting human capital of aquaculture in general and of new aquaculture farmers		65.00	3.00	2.00	1.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 48.1.a-d, f-h Productive investments in aquaculture	03	2.2 - N° of projects on productive investments in aquaculture	36.00	16.00	0.00	0.00
02 - Article 52 Encouraging new sustainable aquaculture farmers	03	2.5 - N° of projects on promoting human capital of aquaculture in general and of new aquaculture farmers	0.00	0.00	0.00	0.00

<b>Specific objective</b>	3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture
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Table 2: Output indicators for EMFF -2.3

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
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Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
03 - Article 51 Increasing the potential of aquaculture sites	06	2.4 - N° of projects on increasing potential of aquaculture sites and measures on public and animal health		1.00	1.00	1.00	0.00
04 - Article 53 Conversion to eco-management and audit schemes and organic aquaculture	06	2.3 - N° of projects on limiting the impact of aquaculture on the environment (eco-management, audit schemes, organic aquaculture environmental services)		25.00	0.00	0.00	

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
03 - Article 51 Increasing the potential of aquaculture sites	06	2.4 - N° of projects on increasing potential of aquaculture sites and measures on public and animal health	0.00	0.00	0.00	0.00
04 - Article 53 Conversion to eco-management and audit schemes and organic aquaculture	06	2.3 - N° of projects on limiting the impact of aquaculture on the environment (eco-management, audit schemes, organic aquaculture environmental services)	0.00	0.00	0.00	0.00

**Specific objective** | 4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety

*Table 2: Output indicators for EMFF -2.4*

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
02 - Article 55 Public health measures	03	2.4 - N° of projects on increasing potential of aquaculture sites and measures on public and animal health		15.00	0.00	0.00	
03 - Article 56 Animal health and welfare measures	03	2.4 - N° of projects on increasing potential of aquaculture sites and measures on public and animal health		15.00	1.00	1.00	

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
02 - Article 55 Public health measures	03	2.4 - N° of projects on increasing potential of aquaculture sites and measures on public and animal health	0.00	0.00	0.00	0.00
03 - Article 56 Animal health and welfare measures	03	2.4 - N° of projects on increasing potential of aquaculture sites and measures on public and animal health	0.00	0.00	0.00	0.00

**Specific objective** | 5 - Development of professional training, new professional skills and lifelong learning

*Table 2: Output indicators for EMFF -2.5*

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 50 Promoting human capital and networking	08	2.5 - N° of projects on promoting human capital of aquaculture in general and of new aquaculture farmers		10.00	25.00	22.00	3.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 50 Promoting human capital and networking	08	2.5 - N° of projects on promoting human capital of aquaculture in general and of new aquaculture farmers	0.00	0.00	0.00	0.00

Union priority	3 - Fostering the implementation of the CFP
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*Table 1: Result indicators for the EMFF - 3*

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
1 - Improvement and supply of scientific knowledge and collection and management of data	3.B.1 - Increase in the percentage of fulfilment of data calls	%	5.00000	5.00000	0.00000
2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	3.A.1 - Number of serious infringements detected	number	1,000.00000	246.00000	0.00000
2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	3.A.2 - Landings that have been the subject to physical control	%	17.00000	8.17600	10.11000

Specific objective	Result indicator	2018	2017	2016	2015
1 - Improvement and supply of scientific knowledge and collection and management of data	3.B.1 - Increase in the percentage of fulfilment of data calls	0.00000	0.00000	5.00000	0.00000
2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	3.A.1 - Number of serious infringements detected	66.00000	36.00000	47.00000	52.00000
2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	3.A.2 - Landings that have been the subject to physical control	9.50000	7.00000	7.25000	7.70000

Specific objective	Result indicator	2014
1 - Improvement and supply of scientific knowledge and collection and management of data	3.B.1 - Increase in the percentage of fulfilment of data calls	0.00000
2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	3.A.1 - Number of serious infringements detected	45.00000
2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	3.A.2 - Landings that have been the subject to physical control	7.50000

<b>Specific objective</b>	1 - Improvement and supply of scientific knowledge and collection and management of data
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*Table 2: Output indicators for EMFF -3.1*

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 77 Data collection	06	3.2 - N° of projects on supporting the collection, management and use of data	✓	2.00	2.00		1.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 77 Data collection	06	3.2 - N° of projects on supporting the collection, management and use of data		1.00	0.00	0.00

<b>Specific objective</b>	2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden
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*Table 2: Output indicators for EMFF -3.2*

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 76 Control and enforcement	06	3.1 - N° of projects on implementing the Union's control, inspections and enforcement system	✓	10.00	21.00	3.00	14.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 76 Control and enforcement	06	3.1 - N° of projects on implementing the Union's control, inspections and enforcement system	4.00	0.00	0.00	0.00

<b>Union priority</b>	4 - Increasing employment and territorial cohesion
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*Table 1: Result indicators for the EMFF - 4*

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
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Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	4.1 - Employment created (FTE)	FTE	150.00000		
1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	4.2 - Employment maintained (FTE)	FTE	10.00000		

Specific objective	Result indicator	2018	2017	2016	2015
1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	4.1 - Employment created (FTE)	0.00000	0.00000	0.00000	0.00000
1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	4.2 - Employment maintained (FTE)	0.00000	0.00000	0.00000	0.00000

Specific objective	Result indicator	2014
1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	4.1 - Employment created (FTE)	0.00000
1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	4.2 - Employment maintained (FTE)	0.00000

<b>Specific objective</b>	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy
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Table 2: Output indicators for EMFF -4.1

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 62.1.a Preparatory support	08	4.2 - N° of projects on preparatory support		7.00	0.00		0.00
02 - Article 63 Implementation of local development strategies (incl. running costs and animation)	08	4.1 - N° of local development strategies selected	✓	7.00	7.00		0.00
03 - Article 64 Cooperation activities	08	4.3 - N° of cooperation projects		7.00	0.00		0.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 62.1.a Preparatory support	08	4.2 - N° of projects on preparatory support	0.00	0.00	0.00	0.00
02 - Article 63 Implementation of local development strategies (incl. running costs and animation)	08	4.1 - N° of local development strategies selected	0.00	7.00	0.00	0.00
03 - Article 64 Cooperation activities	08	4.3 - N° of cooperation projects	0.00	0.00	0.00	0.00

Union priority	5 - Fostering marketing and processing
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Table 1: Result indicators for the EMFF - 5

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
1 - Improvement of market organisation for fishery and aquaculture products	5.1.a - Change in value of first sales in POs	thousand Euros	0.00000		
1 - Improvement of market organisation for fishery and aquaculture products	5.1.b - Change in volume of first sales in POs	tonnes	0.00000		
1 - Improvement of market organisation for fishery and aquaculture products	5.1.c - Change in value of first sales in non-POs	thousand Euros	20,000.00000		
1 - Improvement of market organisation for fishery and aquaculture products	5.1.d - Change in volume of first sales in non-POs	tonnes	30,000.00000		
2 - Encouragement of investment in the processing and marketing sectors	5.1.a - Change in value of first sales in POs	thousand Euros	0.00000		



Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
2 - Encouragement of investment in the processing and marketing sectors	5.1.b - Change in volume of first sales in POs	tonnes	0.00000		
2 - Encouragement of investment in the processing and marketing sectors	5.1.c - Change in value of first sales in non-POs	thousand Euros	20,000.00000		
2 - Encouragement of investment in the processing and marketing sectors	5.1.d - Change in volume of first sales in non-POs	tonnes	30,000.00000		

Specific objective	Result indicator	2018	2017	2016	2015
1 - Improvement of market organisation for fishery and aquaculture products	5.1.a - Change in value of first sales in POs		0.00000	0.00000	0.00000
1 - Improvement of market organisation for fishery and aquaculture products	5.1.b - Change in volume of first sales in POs		0.00000	0.00000	0.00000
1 - Improvement of market organisation for fishery and aquaculture products	5.1.c - Change in value of first sales in non-POs		0.00000	0.00000	0.00000
1 - Improvement of market organisation for fishery and aquaculture products	5.1.d - Change in volume of first sales in non-POs		0.00000	0.00000	0.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.a - Change in value of first sales in POs		0.00000	0.00000	0.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.b - Change in volume of first sales in POs		0.00000	0.00000	0.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.c - Change in value of first sales in non-POs		0.00000	87,221.00000	0.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.d - Change in volume of first sales in non-POs		0.00000	32,250.00000	0.00000

Specific objective	Result indicator	2014
1 - Improvement of market organisation for fishery and aquaculture products	5.1.a - Change in value of first sales in POs	0.00000
1 - Improvement of market organisation for fishery and aquaculture products	5.1.b - Change in volume of first sales in POs	0.00000
1 - Improvement of market organisation for fishery and aquaculture products	5.1.c - Change in value of first sales in non-POs	0.00000
1 - Improvement of market organisation for fishery and aquaculture products	5.1.d - Change in volume of first sales in non-POs	0.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.a - Change in value of first sales in POs	0.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.b - Change in volume of first sales in POs	0.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.c - Change in value of first sales in non-POs	0.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.d - Change in volume of first sales in non-POs	0.00000

<b>Specific objective</b>	1 - Improvement of market organisation for fishery and aquaculture products
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Table 2: Output indicators for EMFF -5.1

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 66 Production and marketing plans	03	5.1 - N° of producers organisations or associations of producers organisations supported for production and marketing plans		5.00	27.00	5.00	4.00
02 - Article 67 Storage aid	03	5.2 - N° of projects on marketing measures and storage aid		1.00	0.00	0.00	0.00
03 - Article 68 Marketing measures	03	5.2 - N° of projects on marketing measures and storage aid	✓	30.00	46.00	10.00	13.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 66 Production and marketing plans	03	5.1 - N° of producers organisations or associations of producers organisations supported for production and marketing plans	8.00	10.00	0.00	0.00
02 - Article 67 Storage aid	03	5.2 - N° of projects on marketing measures and storage aid	0.00	0.00	0.00	0.00
03 - Article 68 Marketing measures	03	5.2 - N° of projects on marketing measures and storage aid	13.00	10.00	0.00	0.00

<b>Specific objective</b>	2 - Encouragement of investment in the processing and marketing sectors
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Table 2: Output indicators for EMFF -5.2

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 69 Processing of fisheries and aquaculture products	03	5.3 - N° of projects on processing	✓	100.00	96.00	17.00	24.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 69 Processing of fisheries and aquaculture products	03	5.3 - N° of projects on processing	24.00	31.00	0.00	0.00

<b>Union priority</b>	6 - Fostering the implementation of the Integrated Maritime Policy
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Table 1: Result indicators for the EMFF - 6

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
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Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2019
1 - Development and implementation of the Integrated Maritime Policy	6.1 - Increase in the Common Information Sharing Environment (CISE) for the surveillance of the EU maritime domain	%	20.00000	0.00000	0.00000
1 - Development and implementation of the Integrated Maritime Policy	6.2.b - Change in the coverage of other spatial protection measures under Art. 13.4 of the Directive 2008/56/EC	Km <sup>2</sup>	4,135.00000	0.00000	0.00000

Specific objective	Result indicator	2018	2017	2016	2015
1 - Development and implementation of the Integrated Maritime Policy	6.1 - Increase in the Common Information Sharing Environment (CISE) for the surveillance of the EU maritime domain	0.00000	0.00000	0.00000	0.00000
1 - Development and implementation of the Integrated Maritime Policy	6.2.b - Change in the coverage of other spatial protection measures under Art. 13.4 of the Directive 2008/56/EC	0.00000	0.00000	0.00000	0.00000

Specific objective	Result indicator	2014
1 - Development and implementation of the Integrated Maritime Policy	6.1 - Increase in the Common Information Sharing Environment (CISE) for the surveillance of the EU maritime domain	0.00000
1 - Development and implementation of the Integrated Maritime Policy	6.2.b - Change in the coverage of other spatial protection measures under Art. 13.4 of the Directive 2008/56/EC	0.00000

<b>Specific objective</b>	1 - Development and implementation of the Integrated Maritime Policy
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Table 2: Output indicators for EMFF -6.1

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2019	2018
01 - Article 80.1.a Integrating Maritime Surveillance	06	6.1 - N° of projects on integrating maritime surveillance		1.00	0.00	0.00	
02 - Article 80.1.b Promotion of the protection of marine environment, and the sustainable use of marine and coastal resources	06	6.2 - N° projects on the protection and improvement of knowledge on marine environment	✓	4.00	11.00	4.00	7.00
03 - Article 80.1.c Improving the knowledge on the state of the marine environment	06	6.2 - N° projects on the protection and improvement of knowledge on marine environment	✓	1.00	30.00	16.00	14.00

Selected relevant measures	Thematic objective	Output indicator	2017	2016	2015	2014
01 - Article 80.1.a Integrating Maritime Surveillance	06	6.1 - N° of projects on integrating maritime surveillance		0.00	0.00	0.00
02 - Article 80.1.b Promotion of the protection of marine environment, and the sustainable use of marine and coastal resources	06	6.2 - N° projects on the protection and improvement of knowledge on marine environment	0.00	0.00	0.00	0.00
03 - Article 80.1.c Improving the knowledge on the state of the marine environment	06	6.2 - N° projects on the protection and improvement of knowledge on marine environment	0.00	0.00	0.00	0.00

Table 3: Financial indicators for EMFF

Union priority	Milestone (2018)	Target value (2023)	Cumulative value	2019	2018
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	14,000,000.00	55,590,000.00	28,183,810.59	13,813,853.20	13,577,131.65
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	5,000,000.00	29,800,000.00	9,343,369.14	4,358,449.39	3,398,664.42
3 - Fostering the implementation of the CFP	40,000,000.00	84,924,202.00	45,692,033.78	12,119,279.09	11,779,408.01
4 - Increasing employment and territorial cohesion	3,750,000.00	12,000,000.00	3,717,280.79	1,923,021.40	1,794,259.39
5 - Fostering marketing and processing	10,500,000.00	38,281,587.00	12,799,568.79	3,763,349.76	4,432,865.65
6 - Fostering the implementation of the Integrated Maritime Policy	2,000,000.00	10,669,344.00	3,838,483.53	0.00	3,838,483.53
7 - Technical assistance			1,818,716.70	1,544,524.10	274,192.60

Union priority	2017	2016	2015	2014
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	792,825.74	0.00	0.00	0.00
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	1,586,255.33	0.00	0.00	0.00
3 - Fostering the implementation of the CFP	21,793,346.68	0.00	0.00	0.00
4 - Increasing employment and territorial cohesion	0.00	0.00	0.00	0.00
5 - Fostering marketing and processing	4,603,353.38	0.00	0.00	0.00
6 - Fostering the implementation of the Integrated Maritime Policy	0.00	0.00	0.00	0.00
7 - Technical assistance	0.00	0.00	0.00	0.00

### 3.3. Financial data

Table 4: Financial data for the EMFF

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	01 - Article 37 Support for the design and implementation of conservation measures	0.00	0.00	0.00	0.00%	0.00	0.00	0.00%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	02 - Article 38 Limiting the impact of fishing on the marine environment and adapting fishing to the protection of species (+ art. 44.1.c Inland fishing)	800,000.00	400,000.00	160,000.00	50.00%	1,919,309.02	783,698.00	97.96%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	03 - Article 39 Innovation linked to the conservation of marine biological resources (+ art. 44.1.c Inland fishing)	1,200,000.00	600,000.00	240,000.00	50.00%	1,107,000.00	1,107,000.00	92.25%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	04 - Article 40.1.a Protection and restoration of marine biodiversity – collection of lost fishing gear and marine litter	1,000,000.00	500,000.00	0.00	50.00%	825,000.00	825,000.00	82.50%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	05 - Article 43.2 Fishing ports, landing sites, auction halls and shelters – investments to facilitate compliance with the obligation to land all catches	3,000,000.00	1,500,000.00	0.00	50.00%	4,466,846.00	2,592,732.00	86.42%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	2 - Protection and restoration of aquatic biodiversity and ecosystems	06	01 - Article 40.1.b-g, i Protection and restoration of marine biodiversity – contribution to a better management or conservation, construction, installation or modernisation of static or movable facilities, preparation of protection and management plans related to NATURA2000 sites and spatial	4,000,000.00	2,000,000.00	800,000.00	50.00%	4,501,571.26	3,967,718.98	99.19%

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
fisheries			protected areas, management, restoration and monitoring marine protected areas, including NATURA 2000 sites, environmental awareness, participation in other actions aimed at maintaining and enhancing biodiversity and ecosystem services (+ art. 44.6 Inland fishing)							
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	3 - Ensuring a balance between fishing capacity and available fishing opportunities	06	02 - Article 36 Support to systems of allocation of fishing opportunities	3,000,000.00	1,500,000.00	600,000.00	50.00%	2,650,000.00	2,650,000.00	88.33%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	01 - Article 27 Advisory services (+ art. 44.3 Inland fishing)	4,000,000.00	2,000,000.00	0.00	50.00%	1,241,542.74	1,193,292.74	29.83%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	03 - Article 31 Start-up support for young fishermen (+ art. 44.2 Inland fishing)	1,000,000.00	500,000.00	0.00	50.00%	3,380,130.00	845,032.00	84.50%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	04 - Article 32 Health and safety (+ art. 44.1.b Inland fishing)	1,000,000.00	500,000.00	0.00	50.00%	2,086,285.71	874,553.00	87.46%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	06 - Article 35 Mutual funds for adverse climatic events and environmental incidents	0.00	0.00	0.00	0.00%	0.00	0.00	0.00%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	08 - Article 42 Added value, product quality and use of unwanted catches (+ art. 44.1.e Inland fishing)	6,000,000.00	3,000,000.00	0.00	50.00%	8,723,436.70	3,627,823.12	60.46%

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
fisheries										
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	09 - Article 43.1 + 3 Fishing ports, landing sites, auction halls and shelters - investments improving fishing port and auctions halls infrastructure or landing sites and shelters; construction of shelters to improve safety of fishermen (+ art. 44.1.f Inland fishing)	14,600,000.00	7,300,000.00	2,920,000.00	50.00%	25,000,000.00	14,600,000.00	100.00%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	03	01 - Article 26 Innovation (+ art. 44.3 Inland fishing)	6,490,000.00	3,245,000.00		50.00%	5,692,218.99	5,299,786.23	81.66%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	03	02 - Article 28 Partnerships between fishermen and scientists (+ art. 44.3 Inland fishing)	500,000.00	250,000.00		50.00%	160,000.00	160,000.00	32.00%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	04	03 - Article 41.1.a, b, c Energy efficiency and mitigation of climate change – on board investments; energy efficiency audits and schemes; studies to assess the contribution of alternative propulsion systems and hull designs (+ art. 44.1.d Inland fishing)	2,500,000.00	1,250,000.00	1,250,000.00	50.00%	5,545,826.50	2,219,913.00	88.80%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	04	04 - Article 41.2 Energy efficiency and mitigation of climate change - Replacement or modernisation of main or ancillary engines (+ art. 44.1.d Inland fishing)	1,000,000.00	500,000.00	500,000.00	50.00%	159,789.00	48,076.00	4.81%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	6 - Development of professional training, new professional skills and lifelong learning	08	01 - Article 29.1 + 29.2 Promoting human capital and social dialogue - training, networking, social dialogue; support to spouses and life partners (+ art. 44.1.a Inland fishing)	5,000,000.00	2,500,000.00		50.00%	5,006,687.61	4,988,819.63	99.78%
1 - Promoting environmentally sustainable, resource	6 - Development of professional training, new professional skills and lifelong learning	08	02 - Article 29.3 Promoting human capital and social dialogue – trainees on board of SSCF vessels / social dialogue (+ art. 44.1.a Inland fishing)	500,000.00	250,000.00		50.00%	8,164.49	8,164.49	1.63%



Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
efficient, innovative, competitive and knowledge based fisheries										
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	1 - Provision of support to strengthen technological development, innovation and knowledge transfer	03	01 - Article 47 Innovation	10,000,000.00	5,000,000.00		50.00%	8,530,522.03	8,042,073.32	80.42%
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	1 - Provision of support to strengthen technological development, innovation and knowledge transfer	03	02 - Article 49 Management, relief and advisory services for aquaculture farms	5,200,000.00	2,600,000.00		50.00%	1,710,500.00	1,710,500.00	32.89%
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	03	01 - Article 48.1.a-d, f-h Productive investments in aquaculture	14,050,000.00	7,025,000.00		50.00%	21,219,825.44	8,173,530.04	58.17%
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	03	02 - Article 52 Encouraging new sustainable aquaculture farmers	0.00	0.00	0.00	0.00%	104,446.57	55,422.25	0.00%
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	06	03 - Article 51 Increasing the potential of aquaculture sites	100,000.00	50,000.00	20,000.00	50.00%	40,000.00	40,000.00	40.00%
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	06	04 - Article 53 Conversion to eco-management and audit schemes and organic aquaculture	0.00	0.00		0.00%	0.00	0.00	0.00%

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	03	02 - Article 55 Public health measures	0.00	0.00	0.00	0.00%	0.00	0.00	0.00%
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	03	03 - Article 56 Animal health and welfare measures	150,000.00	75,000.00	0.00	50.00%	131,500.00	129,400.00	86.27%
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	5 - Development of professional training, new professional skills and lifelong learning	08	01 - Article 50 Promoting human capital and networking	300,000.00	150,000.00		50.00%	275,420.76	271,920.76	90.64%
3 - Fostering the implementation of the CFP	1 - Improvement and supply of scientific knowledge and collection and management of data	06	01 - Article 77 Data collection	40,696,323.00	32,557,058.00		80.00%	40,696,323.00	40,696,323.00	100.00%
3 - Fostering the implementation of the CFP	2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	06	01 - Article 76 Control and enforcement	44,227,879.00	37,233,662.00	0.00	84.19%	33,692,740.00	33,692,740.00	76.18%
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	08	01 - Article 62.1.a Preparatory support	0.00	0.00	0.00	0.00%	0.00	0.00	0.00%
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the	08	02 - Article 63 Implementation of local development strategies (incl. running costs and animation)	12,000,000.00	6,000,000.00	2,400,000.00	50.00%	13,175,371.66	7,771,512.53	64.76%

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
	diversification of activities within fisheries and into other sectors of maritime economy									
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	08	03 - Article 64 Cooperation activities	0.00	0.00		0.00%	0.00	0.00	0.00%
5 - Fostering marketing and processing	1 - Improvement of market organisation for fishery and aquaculture products	03	01 - Article 66 Production and marketing plans	3,000,000.00	1,500,000.00		50.00%	3,794,622.25	1,790,809.01	59.69%
5 - Fostering marketing and processing	1 - Improvement of market organisation for fishery and aquaculture products	03	02 - Article 67 Storage aid	1,281,587.00	1,281,587.00	0.00	100.00%	0.00	0.00	0.00%
5 - Fostering marketing and processing	1 - Improvement of market organisation for fishery and aquaculture products	03	03 - Article 68 Marketing measures	14,000,000.00	7,000,000.00		50.00%	10,726,353.03	9,592,971.24	68.52%
5 - Fostering marketing and processing	2 - Encouragement of investment in the processing and marketing sectors	03	01 - Article 69 Processing of fisheries and aquaculture products	20,000,000.00	10,000,000.00		50.00%	55,297,450.99	12,623,473.05	63.12%
6 - Fostering the implementation of the Integrated Maritime Policy	1 - Development and implementation of the Integrated Maritime Policy	06	01 - Article 80.1.a Integrating Maritime Surveillance	0.00	0.00		0.00%	0.00	0.00	0.00%
6 - Fostering the implementation of the Integrated Maritime Policy	1 - Development and implementation of the Integrated Maritime Policy	06	02 - Article 80.1.b Promotion of the protection of marine environment, and the sustainable use of marine and coastal resources	2,669,344.00	1,334,672.00	533,868.80	50.00%	2,885,000.00	2,885,000.00	108.08%
6 - Fostering the implementation of the Integrated Maritime Policy	1 - Development and implementation of the Integrated Maritime Policy	06	03 - Article 80.1.c Improving the knowledge on the state of the marine environment	8,000,000.00	4,000,000.00	1,600,000.00	50.00%	9,265,325.00	9,265,325.00	115.82%
7 - Technical assistance	1 - Technical assistance		01 - Article 78 Technical assistance at the initiative of the Member States	8,000,000.00	4,000,000.00	0.00	50.00%	7,154,690.00	7,154,690.00	89.43%
<b>Total</b>				<b>239,265,133.00</b>	<b>147,601,979.00</b>	<b>11,023,868.80</b>	<b>61.69%</b>	<b>281,173,898.75</b>	<b>189,687,299.39</b>	<b>79.28%</b>

Union priority	Selected specific objective	Thematic objective	Measure	Contribution to climate change of operations selected for support (EUR)	Total eligible expenditure declared by beneficiaries to the Managing Authority (EUR)	Total eligible public expenditure declared by beneficiaries to the Managing Authority (EUR)	Proportion of total eligible public expenditure declared by beneficiaries of the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	01 - Article 37 Support for the design and implementation of conservation measures	0.00	0.00	0.00	0.00	0.00	0
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	02 - Article 38 Limiting the impact of fishing on the marine environment and adapting fishing to the protection of species (+ art. 44.1.c Inland fishing)	156,739.60	1,847,896.00	760,207.00	95.03	152,041.40	37
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	03 - Article 39 Innovation linked to the conservation of marine biological resources (+ art. 44.1.c Inland fishing)	221,400.00	888,569.73	888,569.73	74.05	177,713.95	3
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	04 - Article 40.1.a Protection and restoration of marine biodiversity – collection of lost fishing gear and marine litter	0.00	785,831.42	785,831.42	78.58	0.00	4
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	05 - Article 43.2 Fishing ports, landing sites, auction halls and shelters – investments to facilitate compliance with the obligation to land all catches	0.00	3,729,261.37	2,169,179.62	72.31	0.00	6
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	2 - Protection and restoration of aquatic biodiversity and ecosystems	06	01 - Article 40.1.b-g, i Protection and restoration of marine biodiversity – contribution to a better management or conservation, construction, installation or modernisation of static or movable facilities, preparation of protection and management plans related to NATURA2000 sites and spatial protected areas, management, restoration and monitoring marine protected areas, including NATURA 2000 sites, environmental awareness, participation in other actions aimed at maintaining and enhancing biodiversity and	793,543.80	3,056,275.22	2,622,366.30	65.56	524,473.26	270

Union priority	Selected specific objective	Thematic objective	Measure	Contribution to climate change of operations selected for support (EUR)	Total eligible expenditure declared by beneficiaries to the Managing Authority (EUR)	Total eligible public expenditure declared by beneficiaries to the Managing Authority (EUR)	Proportion of total eligible public expenditure declared by beneficiaries of the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
			ecosystem services (+ art. 44.6 Inland fishing)						
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	3 - Ensuring a balance between fishing capacity and available fishing opportunities	06	02 - Article 36 Support to systems of allocation of fishing opportunities	530,000.00	2,354,291.39	2,354,291.39	78.48	470,858.28	1
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	01 - Article 27 Advisory services (+ art. 44.3 Inland fishing)	0.00	1,128,587.23	1,080,337.03	27.01	0.00	11
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	03 - Article 31 Start-up support for young fishermen (+ art. 44.2 Inland fishing)	0.00	3,380,130.00	845,032.00	84.50	0.00	16
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	04 - Article 32 Health and safety (+ art. 44.1.b Inland fishing)	0.00	2,080,389.71	874,553.00	87.46	0.00	45
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	06 - Article 35 Mutual funds for adverse climatic events and environmental incidents	0.00	0.00	0.00	0.00	0.00	0
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	08 - Article 42 Added value, product quality and use of unwanted catches (+ art. 44.1.e Inland fishing)	0.00	7,027,733.56	2,947,801.54	49.13	0.00	169
1 - Promoting	4 - Enhancement of the	03	09 - Article 43.1 + 3 Fishing ports, landing sites,	2,920,000.00	25,000,000.00	14,600,000.00	100.00	2,920,000.00	2

Union priority	Selected specific objective	Thematic objective	Measure	Contribution to climate change of operations selected for support (EUR)	Total eligible expenditure declared by beneficiaries to the Managing Authority (EUR)	Total eligible public expenditure declared by beneficiaries to the Managing Authority (EUR)	Proportion of total eligible public expenditure declared by beneficiaries of the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions		auction halls and shelters - investments improving fishing port and auctions halls infrastructure or landing sites and shelters; construction of shelters to improve safety of fishermen (+ art. 44.1.f Inland fishing)						
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	03	01 - Article 26 Innovation (+ art. 44.3 Inland fishing)		4,817,568.86	4,556,702.26	70.21		66
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	03	02 - Article 28 Partnerships between fishermen and scientists (+ art. 44.3 Inland fishing)		119,037.26	119,037.26	23.81		4
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	04	03 - Article 41.1.a, b, c Energy efficiency and mitigation of climate change – on board investments; energy efficiency audits and schemes; studies to assess the contribution of alternative propulsion systems and hull designs (+ art. 44.1.d Inland fishing)	1,109,956.50	5,485,386.00	2,203,913.00	88.16	1,101,956.50	60
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	04	04 - Article 41.2 Energy efficiency and mitigation of climate change - Replacement or modernisation of main or ancillary engines (+ art. 44.1.d Inland fishing)	24,038.00	159,789.00	48,076.00	4.81	24,038.00	6
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	6 - Development of professional training, new professional skills and lifelong learning	08	01 - Article 29.1 + 29.2 Promoting human capital and social dialogue - training, networking, social dialogue; support to spouses and life partners (+ art. 44.1.a Inland fishing)		3,609,218.76	3,552,781.38	71.06		76
1 - Promoting environmentally sustainable, resource efficient, innovative,	6 - Development of professional training, new professional skills and lifelong learning	08	02 - Article 29.3 Promoting human capital and social dialogue – trainees on board of SSCF vessels / social dialogue (+ art. 44.1.a Inland fishing)		8,164.49	6,531.59	1.31		3

Union priority	Selected specific objective	Thematic objective	Measure	Contribution to climate change of operations selected for support (EUR)	Total eligible expenditure declared by beneficiaries to the Managing Authority (EUR)	Total eligible public expenditure declared by beneficiaries to the Managing Authority (EUR)	Proportion of total eligible public expenditure declared by beneficiaries of the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
competitive and knowledge based fisheries									
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	1 - Provision of support to strengthen technological development, innovation and knowledge transfer	03	01 - Article 47 Innovation		5,055,559.79	4,895,363.95	48.95		56
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	1 - Provision of support to strengthen technological development, innovation and knowledge transfer	03	02 - Article 49 Management, relief and advisory services for aquaculture farms		1,590,994.70	1,590,994.70	30.60		16
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	03	01 - Article 48.1.a-d, f-h Productive investments in aquaculture		16,952,169.25	6,541,552.17	46.56		118
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	03	02 - Article 52 Encouraging new sustainable aquaculture farmers	0.00	73,249.57	50,178.75	0.00	0.00	3
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	06	03 - Article 51 Increasing the potential of aquaculture sites	8,000.00	33,312.51	33,312.51	33.31	6,662.50	3
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	06	04 - Article 53 Conversion to eco-management and audit schemes and organic aquaculture		0.00	0.00	0.00		0

Union priority	Selected specific objective	Thematic objective	Measure	Contribution to climate change of operations selected for support (EUR)	Total eligible expenditure declared by beneficiaries to the Managing Authority (EUR)	Total eligible public expenditure declared by beneficiaries to the Managing Authority (EUR)	Proportion of total eligible public expenditure declared by beneficiaries of the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	03	02 - Article 55 Public health measures	0.00	0.00	0.00	0.00	0.00	0
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	03	03 - Article 56 Animal health and welfare measures	0.00	128,000.00	128,000.00	85.33	0.00	2
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	5 - Development of professional training, new professional skills and lifelong learning	08	01 - Article 50 Promoting human capital and networking		264,390.76	226,270.67	75.42		15
3 - Fostering the implementation of the CFP	1 - Improvement and supply of scientific knowledge and collection and management of data	06	01 - Article 77 Data collection		40,696,323.00	40,696,323.00	100.00		2
3 - Fostering the implementation of the CFP	2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	06	01 - Article 76 Control and enforcement	0.00	28,624,342.26	28,624,342.26	64.72	0.00	15
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	08	01 - Article 62.1.a Preparatory support	0.00	0.00	0.00	0.00	0.00	0
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including	08	02 - Article 63 Implementation of local development strategies (incl. running costs and animation)	1,554,302.51	10,581,804.50	6,267,865.40	52.23	1,253,573.08	620



Union priority	Selected specific objective	Thematic objective	Measure	Contribution to climate change of operations selected for support (EUR)	Total eligible expenditure declared by beneficiaries to the Managing Authority (EUR)	Total eligible public expenditure declared by beneficiaries to the Managing Authority (EUR)	Proportion of total eligible public expenditure declared by beneficiaries of the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
	the diversification of activities within fisheries and into other sectors of maritime economy								
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	08	03 - Article 64 Cooperation activities		0.00	0.00	0.00		0
5 - Fostering marketing and processing	1 - Improvement of market organisation for fishery and aquaculture products	03	01 - Article 66 Production and marketing plans		3,473,800.20	1,787,543.05	59.58		26
5 - Fostering marketing and processing	1 - Improvement of market organisation for fishery and aquaculture products	03	02 - Article 67 Storage aid	0.00	0.00	0.00	0.00	0.00	0
5 - Fostering marketing and processing	1 - Improvement of market organisation for fishery and aquaculture products	03	03 - Article 68 Marketing measures		9,122,888.26	8,694,552.27	62.10		54
5 - Fostering marketing and processing	2 - Encouragement of investment in the processing and marketing sectors	03	01 - Article 69 Processing of fisheries and aquaculture products		29,972,567.83	8,323,895.26	41.62		105
6 - Fostering the implementation of the Integrated Maritime Policy	1 - Development and implementation of the Integrated Maritime Policy	06	01 - Article 80.1.a Integrating Maritime Surveillance		0.00	0.00	0.00		0
6 - Fostering the implementation of the Integrated Maritime Policy	1 - Development and implementation of the Integrated Maritime Policy	06	02 - Article 80.1.b Promotion of the protection of marine environment, and the sustainable use of marine and coastal resources	577,000.00	2,185,248.71	2,185,248.71	81.86	437,049.74	11
6 - Fostering the implementation of the Integrated Maritime Policy	1 - Development and implementation of the Integrated Maritime Policy	06	03 - Article 80.1.c Improving the knowledge on the state of the marine environment	1,853,065.00	4,258,831.97	4,258,342.67	53.23	851,668.53	32
7 - Technical assistance	1 - Technical assistance		01 - Article 78 Technical assistance at the initiative of the Member States	0.00	3,930,511.49	3,927,808.68	49.10	0.00	7
<b>Total</b>				<b>9,748,045.41</b>	<b>222,422,124.80</b>	<b>158,646,804.57</b>	<b>66.31</b>	<b>7,920,035.24</b>	<b>1,864</b>

Table 5: Cost of operations implemented outside the programme area (Article 70 of Regulation (EU) No 1303/2013)

Union priority	Eligible expenditure within the EMFF incurred in operations implemented outside the programme area declared by the beneficiary to the managing authority (EUR)	Share of the EMFF support to the union priority at the time of adoption of the programme (%)
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries		
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture		
3 - Fostering the implementation of the CFP		
4 - Increasing employment and territorial cohesion		
5 - Fostering marketing and processing	2,322,502.00	11.74%
6 - Fostering the implementation of the Integrated Maritime Policy		
7 - Technical assistance		
<b>TOTAL OP</b>	<b>2,322,502.00</b>	<b>1.57%</b>

#### 4. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND CORRECTIVE MEASURES TAKEN

##### 4.1. Actions taken to fulfil the ex-ante conditionalities (Article 50(4) of Regulation (EU) No 1303/2013)

Table 6: Actions taken to fulfil applicable EMFF-specific ex-ante conditionalities

Thematic ex-ante conditionalities which are not or partially fulfilled	Criteria not fulfilled	Action to be taken	Deadline	Bodies responsible for fulfilment	Action completed by the deadline	Criteria fulfilled	Expected date for full implementation of remaining actions	Commentary
4	6 - A description of the administrative capacity to apply the point system for serious infringements, as provided for in Article 92 of Regulation (EC) No 1224/2009	<p>Step 1: Examine the issues raised following stakeholders consultation with a view to addressing, where appropriate, concerns raised, which would not undermine the overarching intent for enhanced control capabilities.</p> <p>Outcome: Legislative proposal Submitted To Government</p>	30-Nov-2015	Department of Agriculture, Food & the Marine.	No	No		<p>Licence Holders</p> <p>Ireland has made a number of attempts to implement the points system for licence holders. The European Communities (Common Fisheries Policy)(Point System) Regulations 2014 (Statutory Instrument (SI) No. 3 of 2014) was drafted to give effect to the requirement of Article 92 of Council Regulation 1224/2009 providing for a points system in respect of serious infringements of the rules of the CFP by licence holders. This operated in 2014 and 2015. The Irish fishing industry took two successful High Court Challenges in early 2016 to S.I. No. 3 of 2014. These cases were appealed by the State to the Supreme Court, which delivered its judgments in December 2017. The Supreme Court found that S.I. No. 3 of 2014 fell short of the requirement of constitutional fair procedures as it "...set up in effect a single decision making process with an onus of disproof on the licence holder."</p> <p>Two Statutory instruments were since drafted to remedy the deficiencies in S.I. No. 3 of 2014. S.I. No. 125 of 2016 (The European Communities (Common Fisheries Policy) (Point System) Regulations 2016) was signed into force in March 2016. This S.I. took on board, to the extent possible, issues of concern in relation to procedures and process which had been highlighted in the High Court cases; however, this Instrument was not operationalised because it was deemed prudent to await the outcome of the Supreme Court judgements.</p>
4	6 - A description of the administrative capacity to apply the point system for serious infringements, as provided for in Article 92 of Regulation (EC) No 1224/2009	<p>Step 2: Process legislation through the Legislative process (Dail and Seanad)</p> <p>Outcome: Passing of the Bill</p>	30-Jun-2016	Department of Agriculture, Food & the Marine.	No	No		<p>A revised Statutory Instrument – S.I. No. 89 of 2018 (The European Communities (Common Fisheries Policy) (Point System) Regulations 2018) - which sought to address concerns expressed by the fishing industry around the complete separation of the role of the control authorities in sea fisheries law enforcement from the determination that a serious infringement of the rules of the CFP has been committed - was drafted in early 2018 and was signed into force on in March 2018, revoking S.I. No. 125 of 2016. This 2018 S.I. was annulled in its entirety by Dail Eireann in May 2018 by 80 votes to 54, reflective of the fact that the previous</p> <p>The recently agreed Programme for Government commits to : "Implement a fair EU Points system, in order to protect fish stocks and ensure the release of suspended EU Funding" . Accordingly, the adoption of a new SI will be progressed is a priority.</p>
4	6 - A description of the	Step 3: Legislation to implement a	30-Jun-	Department of	No	No		Masters

Thematic conditionalities which are not or partially fulfilled	Criteria not fulfilled	Action to be taken	Deadline	Bodies responsible for fulfilment	Action completed by the deadline	Criteria fulfilled	Expected date for full implementation of remaining actions	Commentary
	administrative capacity to apply the point system for serious infringements, as provided for in Article 92 of Regulation (EC) No 1224/2009	points system which will apply to the masters of fishing vessels engaged in serious infringements is adopted.  Outcome: Copy of the legislation is notified to the Commission	2016	Agriculture, Food & the Marine.				<p>The main purpose of the proposed legislative amendments contained in the General Scheme is to provide for a points system for masters of fishing vessels for serious infringements of the rules of the Common Fisheries Policy, as required by Council Regulation 1224/2009. It is intended that this proposed legislation will fully implement the requirements of Article 92(6) of Council regulation (EC) No 1224/2009 and Article 134 of Commission Implementing regulation (EU) No 404/2011. The draft amending legislation would resolve some typographical errors in the Principal Act of 2006 and introduce other miscellaneous and technical amendments.</p> <p>Please be advised that it is necessary to implement the Masters points system through primary legislation as the EU regulations do not provide sufficient policies and principles to allow the articles to have direct applicability. This means that a national legal framework must be developed for the system which respects both national and EU law. It is vital that the system put in place in respect of Articles 92(6) and 134 is legally sound and robust.</p>
4	6 - A description of the administrative capacity to apply the point system for serious infringements, as provided for in Article 92 of Regulation (EC) No 1224/2009	Step 4: Set up the necessary administrative measures and arrangements for enforcement of the point system.  Outcome: Copy of the administrative measures are notified to the Commission	30-Jun-2016	Department of Agriculture Food and the Marine	No	No		The legislative process requires that a proposed Act of Parliament is considered first by the Oireachtas Joint Committee on Agriculture, Food and the Marine in the context of Pre-legislative Scrutiny, before commencing its passage through the Oireachtas. In December 2019, the Government approved the drafting of a Bill along the lines of the General Scheme, and forwarding the General Scheme for consideration to that Committee in the context of Pre-legislative Scrutiny. The Minister sent the draft to the Committee on 9 January 2020 but the Oireachtas was dissolved before the Committee could consider the General scheme. A small number of outstanding legal issues need to be finalised with the Attorney General's Office. As soon as this is completed, a new Government Decision will be sought to approve submission of the draft Heads of the Bill to the Oireachtas for pre-legislative scrutiny and this is planned to be ready by the end of the summer. "
4	6 - A description of the administrative capacity to apply the point system for serious infringements, as provided for in Article 92 of Regulation (EC) No 1224/2009	Step 5: Enforce the point system.  To be verified during Commission audits.	31-Jul-2016	Sea Fisheries Protection Authority	No	No		

#### **4.2. Issues which affect the performance of the programme and the corrective measures taken (Article 50(2) of Regulation (EU) No 1303/2013)**

While the broad range of measures implemented through the Programme contributed to its success in 2019, a number positive issues made a notable contribution, as follows:

As detailed in section 4, following the European Commission Performance Review conducted in 2019 to assess achievement of the 2018 milestones, it was confirmed that Ireland achieved the Milestones for each of the six Union Priorities.

The Department of Defence invested €12,857,142 as a contribution towards the significant cost of purchase of a new maritime patrol aircraft. This once-off project significantly boosted Programme spend for 2019, and also facilitated certain spend on the separate EMFF funded training project by that Department.

The completion of two high value capital investments in fishery harbours boosted spend for 2019 by €6.9 million.

Demand for grants for capital investment on board fishing vessels continues to be very strong, with 2019 spend of €2.9 million on 122 projects and a further 98 projects approved for grants totalling over €3 million. A grant cap of €150,000 per vessel over the course of the Programme means this buoyant investment is broad based.

Issues negatively affecting the performance of the Programme in 2019 included the following:

An EMFF grant of €21,831,664 million was awarded to the Marine Institute in 2018 to fund their 2017-2019 Data Collection work programme. This award exhausted the financial allocation available under the Programme for Data Collection. As a result, Programme funds were insufficient in 2019 to fund all elements of the Data Collection work programme approved by the European Commission and approximately €2 million of costs had to be funded solely by the Government of Ireland. Likewise, there are no EMFF funds available for data collection for 2020, the final year of the Programme, and the EMFF Regulation does not permit reallocation of funds into Data Collection, except from the envelope for Control and enforcement, which is also fully committed. This means the Government of Ireland must solely fund Data Collection activities in 2020.

In 2019, Ireland's minority Government continued to have difficulties in enacting legislation to implement the EU points system for owners and masters of fishing vessels, in connection with serious infringements of the CFP. As a result, the amount of payments owing to Ireland suspended by the European Commission increased to €9.6 million and will increase to €25 million in 2020 as further claims are submitted. Ultimately, the full €36 million allocation to Ireland for control and enforcement investment under the Programme will be lost to Ireland unless this matter is resolved.

Previous Annual Reports have reported on the somewhat muted demand from aquaculture enterprises for EMFF support of capital investment. While there was good demand for supports for investment in oyster farming in particular in 2019, demand from salmon farms is still largely absent. By contrast, demand for investment under the Aquaculture Knowledge Gateway Scheme has been buoyant and has exceeded its original allocation. In addition, the €1 million originally allocated in the Programme for investment in an IT system for aquaculture licensing and mapping aquaculture sites, exclusion zones etc should see full

drawdown in 2021. Overall, while some level of funds allocated to aquaculture in the Programme may fall to be reallocated, it is likely to be modest.

## 5. INFORMATION ON SERIOUS INFRINGEMENTS AND REMEDY ACTIONS (ARTICLE 114(2) OF REGULATION (EU) NO 508/2014

Information and actions taken on cases of serious infringements as referred to in Article 10(1) and non-respect of durability conditions and remedy actions as set out in Article 10(2).

The Managing Authority has included the requirements of Article 10 of the EMFF Regulation in its EMFF National Eligibility Rules, which specify mandatory eligibility requirements for EMFF aid. The National Eligibility Rules are available in Appendix 1, section 2 at the following link:

<https://eufunds.ie/wp-content/uploads/2021/03/NationalEligibilityRulesExpenditureCoFinancedEMFF070218.pdf>

The Sea Fisheries Protection Authority is designated as Ireland's *Single Control Authority* in accordance with Article 5.5 of the EU Fisheries Control Regulation (1224 of 2009). In accordance with Article 93 of that Regulation, the Sea Fisheries Protection Authority maintains a National Register of Infringements which contains the information required under Article 10.1(a) of the EMFF Regulation. The National Register of Infringements allows for each application for grant aid to be checked by intermediate body Bord Iascaigh Mhara for admissibility under article 10. Separately, as required by article 10(5) of the EMFF applicants for grant aid under all schemes are required to make a declaration confirming that none of the criteria specified in article 10(1) apply to them or if they do, specifying details of their infringements, convictions etc. To date, no applications have been deemed inadmissible under article 10.

In respect of IUU, the Sea Fisheries Protection Authority has a dedicated IUU page on its public website, which contains a link to the list of vessels on the EU IUU list. There are no known Irish operators on that list. The IUU List is kept under observation by the Sea Fisheries Protection Authority and intermediate body Bord Iascaigh Mhara.

In order to ensure ongoing compliance with article 10(2) for a period of 5 years after final payment of grant aid, arrangements are in place for notification by the Sea Fisheries Protection Authority to Bord Iascaigh Mhara of any new serious infringements or additions to the IUU List of Irish operators so that these can be checked against grant recipients.

No applicant for support under Chapter II of Title V has been convicted in 2019 of any of the offences set out in articles 3 and 4 of Directive 2008/99/EC.

The Managing Authority has not determined in respect of 2019 that any operator has committed a fraud in the context of the EMFF.

In relation to sharing of information between Member States on infringements, the Sea Fisheries Protection Authority complies with the requirements of articles 80(c) and 89(4) of the EU Fisheries Control Regulation (1224 of 2009) to inform the competent authority of the relevant Member State.

**6. INFORMATION ON ACTIONS TAKEN TO COMPLY WITH ARTICLE 41(8) (ARTICLE 114(2) OF REGULATION (EU) NO 508/2014)**

A summary of actions taken is to be provided on the progress to achieve the provision set out in Article 41(8) with regard to the priority up to 60 % of the public assistance to be ensured to small-scale coastal fishing sector, including data on actual share of small-scale coastal fishing within the operations financed under the measure of Article 41(2)

Under the Sustainable Fisheries Scheme, grants for engine replacement for vessels below 12m were introduced in December 2017. Four grants with total eligible expenditure of €143,000 and grant aid of €42,736 were paid in 2019 and all concerned SSCF vessels.

Other measures supporting the SSCF sector included the New Fishermen Scheme and Inshore Fisheries Conservation Scheme. The New Fishermen Scheme assists new entrants into the fishing industry in acquiring ownership of their first fishing vessel. All of the funding under this Scheme in 2019 was for SSCF vessels. Eleven grants with total eligible expenditure of €2.25 million and public aid of €562,532 were paid under the Scheme in 2019. Under the Inshore Fisheries Conservation Scheme, four grants for SSCF vessels were funded with total expenditure of €21,784 and public aid (80%) of €17,428 in 2019. This grant aid supported small onshore freezer or refrigeration units for storing bait and catch.



## **7. INFORMATION ON THE ACTIONS TAKEN TO ENSURE THE PUBLICATION OF BENEFICIARIES (ARTICLE 114(2) ) OF REGULATION (EU) NO 508/2014)**

A summary of actions taken is to be provided in line with Annex V of EMFF Regulation, with special regard to national legislation including any applicable threshold regarding the publication of data of natural persons

### **Managing Authority Information and Publicity Actions**

In 2019, the EMFF Managing Authority availed of two major stakeholder events to promote the funding opportunities available and provide information on the EMFF OP (2014-2020).

These events included the Skipper Expo International held in Galway, which is the premier event information and networking event for the catching sector, and the Annual SeaFest event, a major public event showcasing Ireland's abundant maritime resources by raising awareness of the value and opportunities provided by the sea and also celebrating our proud maritime heritage. SeaFest is a key part of Harnessing Our Ocean Wealth: An Integrated Marine Plan for Ireland and its goal of increasing participation and engagement with the sea. The EMFF Managing Authority operated an information stand at both of these events which promoted the EMFF OP 2014-2020 and provided information to interested parties. Managing Authority staff fielded questions and inquiries from stakeholders on the OP and its constituent schemes. Feedback on the events was positive, with a large number of people in attendance, with varied interest in funding across the fishing/rural coastal communities and the seafood sectors.

In addition in 2019, the Managing Authority team joined with two other European Structural and Investment Funds at Ireland's largest publicity event, the National Ploughing Championships, held in September. With large numbers in attendance the MA team dealt with a large volume of queries from all sectors of our society throughout the 3 day event.

In 2019, the EMFF Managing Authority continued to maintain its dedicated EMFF website, which provides a range of useful information for stakeholders on the EMFF OP 2014-2020. The website can be found at the following link <https://www.agriculture.gov.ie/emff/>. The website provides access to the Programme document, details of and links to schemes, selection criteria, National Eligibility Rules, list of beneficiaries, contact details, documents relating to the Monitoring Committee and documents relating to the development of the Programme.

**Press releases were issued throughout 2019 to highlight particular noteworthy EMFF activities. These were as follows:**

- **11 January 2019 Minister Creed launches “Clean Oceans Initiative” – sets target for 100% of Irish trawlers to recover plastic waste from the oceans on every fishing trip:**  
<https://www.agriculture.gov.ie/press/pressreleases/2019/january/title,123244,en.html>
- **27 January 2019 Minister Creed announces €35.7 Million in Funding for Capital Projects at Irelands Fishery Harbour Centres and Publicly owned Harbour Network:**  
<https://www.agriculture.gov.ie/press/pressreleases/2019/january/title,123590,en.html>
- **30 January 2019 Minister Creed welcomes First Industry-Led Strategy for the Irish Inshore Fisheries Sector:**  
<https://www.agriculture.gov.ie/press/pressreleases/2019/january/title,123705,en.html>
- **10 May 2019 Minister Creed opens new Harbour Administration Building and inspects €23.5m development project, doubling the quay space in Castletownbere:**

<https://www.agriculture.gov.ie/press/pressreleases/2019/may/title,127248,en.html>

- **11 May 2019 Creed announces €6.5m investments in 17 aquaculture and seafood processing companies at:** <https://www.agriculture.gov.ie/press/pressreleases/2019/may/title,127184,en.html>
- **19 May 2019 Minister Michael Creed announces €4m in grant aid to 274 coastal community projects:** <https://www.agriculture.gov.ie/press/pressreleases/2019/may/title,127473,en.html>
- **31 May 2019 Minister Creed announces introduction of new conservation measures for crawfish:** <https://www.agriculture.gov.ie/press/pressreleases/2019/may/title,128170,en.html>
- **30 September 2019 Creed announces new funding to help Seafood Enterprises develop Export Markets:** <https://www.agriculture.gov.ie/press/pressreleases/2019/september/title,133402,en.html>

## **BIM Information & Publicity Actions**

As the primary intermediate body for the EMFF Programme, BIM has been designated tasks by the EMFF Managing Authority to ensure that Programme's objectives and funding opportunities offered by the EMFF are disseminated widely to potential beneficiaries and all interested parties.

BIM maintains a dedicated **EMFF Scheme website** (<http://www.bim.ie/schemes>) where it provides summary information on each scheme, and access to scheme brochure documents, application forms and key contacts.

Further information on the schemes and events supported by the EMFF can also be found on the BIM website at <http://www.bim.ie/news-and-events/>

In administering EMFF grant schemes, BIM requires as part of the letter of offer that **beneficiaries acknowledge the EMFF funding** received in a number of ways. Where they have a company website, they must acknowledge the EMFF aid in an appropriate section of the website. Where they have business premises, they must display in a public place (such as reception area) an A3 sized poster to a specified format acknowledging the EMFF aid. Some examples are as follows (scroll down at link to see acknowledgement):

[http://www.gallagherbros.ie/ocean\\_farm.html](http://www.gallagherbros.ie/ocean_farm.html)

<https://www.keohaneseafoods.ie/>

<https://www.goodfish.ie/about-us/>

<https://goatsbridgetrout.ie/investments/>

<http://www.premierfish.ie/site/news/>

BIM stages a range of **stakeholder conferences**, workshops and other events, many of these funded through the EMFF. Engendering the greatest possible level of stakeholder and public awareness of the key policy objectives underpinning the EMFF and the CFP is essential if these objectives are to be accepted by local communities and civil society. In turn, generating an adequate level of acceptance is equally important so as to create the circumstances to allow the necessary change management processes

to occur and be successful. With EMFF funding, BIM hosted the *Exploring National Capital Solutions for our Shared Marine Environment Seminar* and staged a major participation in the national food and horticulture festival *Bloom* and the National Maritime Festival, *Seafest* and *Our Ocean Wealth Summit* in 2019. These events helped foster social dialogue through education and the dissemination of information via modern interactive techniques and technologies concerning the fisheries sector and the actions and interventions being taken, with the support of the EMFF, to enhance environmental sustainability, lessen impact on marine ecosystems, promote social cohesion and stimulate innovation.

**8. ACTIVITIES IN RELATION TO THE EVALUATION PLAN AND SYNTHESIS OF THE EVALUATIONS (ARTICLE 114(2)) OF REGULATION (EU) No 508/2014, ARTICLE 50(2) OF REGULATION (EU) No 1303/2013)**

A summary should be provided on activities undertaken in relation to the implementation of the evaluation plan, including follow-up given to the findings of evaluations.

A synthesis of the findings should be provided of all evaluations of the programme that have become available during the previous financial year, with reference of name and reference period of the evaluation reports used.

Additionally, the access to evaluations that were made publicly available pursuant to Article 54(4) of Regulation (EU) No 1303/2013 should be communicated here.

To date, the following evaluations have been completed.

- ***REVIEW OF THE FLAG PROGRAMME 2012-15 (February 2016)***

This study was commissioned to inform the design of the EMFF FLAG scheme, making use of learnings and best practice from the previous scheme. The study by *Public and Corporate Economic Consultants* made 31 recommendations concerning administration, animation, publicity, stakeholder engagement, networking, training, resources and monitoring and evaluation.

- ***COST BENEFIT ANALYSIS OF THE PROPOSED DECOMMISSIONING SCHEME (July 2016)***

This study by consultants *Grant Thornton* examined the cost benefit case for the proposal to expend €16 million in EMFF funds to permanently withdraw up to 3,500 tonnes from the polyvalent fleet. While the study found that the proposal showed a cost benefit ratio of 1.27 to 1.4, depending on whether tax incentives were included. However, it recommended that a scheme only be implemented if measures can be identified that would prevent re-entry to the fleet of inactive capacity.

- ***EX-ANTE ASSESSMENT OF THE USE OF FINANCIAL INSTRUMENTS (June 2017)***

This study by *Indecon International Economic Consultants* was a joint exercise with the Rural Development Programme Managing Authority and examined the case for market failures in relation to capital investments in aquaculture and seafood processing. It concluded that a financial instrument was warranted and should comprise a partial loan guarantee and an interest rate subsidy. However, it also advised that a financial instrument solely for the EMFF would not be viable, as it would be of insufficient scale to attract interest from the retail banks who would deliver it to customers. It recommended that a joint financial instrument for both EMFF and RDP be implemented. Following a public consultation on the Ex-ante assessment, the Minister for Agriculture Food and the Marine directed that while a financial instrument will not be

implemented for either Programme over the 2014-20 period, the lessons learned from the ex-ante assessment will be taken into consideration in the design of both programmes for the 2021-27 period and an update of the ex-ante assessment will be conducted at the that time.

#### • ***EVALUATION OF LOBSTER V-NOTCHING SCHEME***

This ongoing evaluation project is seeking to establish the efficacy of EMFF investment in the lobster v-notching measure to inform policy decisions on its future use and financial support. The project is building on work commenced in 2012 with the Inish Oirr Co-operative where lobsters v-notched were genetically profiled. The profiles of the v-notched lobsters are being used to find their offspring in the fishermen's catch between 5 and 8 years after the original v-notching event. The technique has been used to demonstrate that v-notched lobsters from just one year made up 10-30% of the catch off County Down. Use of this technique will allow the quantification of the efficacy of the V-notching programme, as well as giving insight into the stock structure on the west coast. The project involves BIM, the Marine Institute and Queens University Belfast.

1. Evidence of the contribution of the scheme and the value of the v-notch technical measure to lobster spawning stock comes mainly from biological data collected routinely during the DCF funded Marine Institute observer programme and the BIM administered Sentinel Vessel Programme (SVP) on inshore fishing vessels. These data show -
  - On average 10-17% of the female lobster stock is v-notched. This varies significantly around the coast from close to zero to over 25% in some areas.
  - V-notching protects 13% of the reproductive potential of lobsters
2. Evidence of contribution of v-notching to subsequent recruitment (actual) to the lobster stock is also obtained from a genetics project operated by the Marine Institute and Queens University Belfast. This project is funded by the Marine Institute Cullen Research Fellowships and the EMFF contributed funding in 2018 and 2019. This project is ongoing and has been operating for over 6 years.
  - A proportion of V-notched lobsters are genetically typed prior to release
  - The progeny of these lobsters, i.e. recruitment, can then be detected by genetic screening of the catch
  - Interim results shows a significant proportion of progeny of v-notched lobsters released to a given area recruit to that area.
  - Further analysis will assess the geographic scale over which progeny of v-notched lobsters are dispersed, how long it takes for progeny of v-notched lobsters to enter the commercial catch, how long these cohorts persist in the fishery (and the population) and if there are differential levels of recruitment from v-notched parents of different size.
  - Minimum and maximum size limits are also used to manage the fishery.

#### • ***EVALUATION OF SUSTAINABLE FISHERIES SScheme***

A study awarded in 2018 to the Irish Observer Network Limited to conduct an evaluation of capital investment on board fishing vessels under the EMFF Sustainable Fisheries Scheme (Part B). was completed in 2019. This study covered projects grant aided over the period 2016 to 2018. The objectives of the study identified the main strengths and weaknesses of the Scheme and suggested possible adaptations to improve the efficacy in one or more specific areas to future funding programmes for on

board investments.

Main findings:

- The broad spread of funding categories and differences in the profile of grant aid sought by different fleets highlights the flexibility of the scheme (e.g. the focus by inshore vessels on environmentally friendly fishing gear which was not reflected across all fleet sectors). In fact, 38% of the active Irish fishing fleet over 12m were grant aided under the scheme, highlighting its relevance to those vessels. Additionally, certain fleet segments have benefitted from availability of funding for equipment such as innovative onboard handling equipment, which had previously been a barrier to improving quality and profitability at individual vessel level. There have also been some demonstrable improvements in quality resulting from the grant aid in maximising the economic value of each unit of the resource harvested. Grant aided investments have contributed to an improvement in profitability during the assessment period, particularly within certain sectors such as the *Nephrops* freezer fleet.
- Combined with the overall improvements in profitability in fleet sectors, the Scheme has also funded improvements in safety, hygiene and working conditions across a broad sector of the fleet from inshore vessels < 12m up to some of the largest pelagic vessels in the fleet. Equipment to reduce heavy manual lifting, anti-slip paint and flooring, improved insulation and ventilation, as well as improved cabin safety and crew areas were the main items funded.
- Funding for fuel efficiency and climate change made up 17% of the total funding allocated under the Scheme. The main elements funded included fuel Management systems and towed gear modifications to reduce fuel consumption such as fuel efficient trawls, fuel efficient warps, fuel efficient trawl doors. Whitefish and *Nephrops* trawlers over 18m accounted for the majority of the funding under this grant aid category. While difficult to measure directly, both the number of grant aided projects and the variety of measures funded make it a reasonable assumption that the fleets overall carbon footprint should be reduced as a result of investment.
- The majority of funding allocated to the environmentally friendly fishing gear category was for whitefish and *Nephrops* trawlers, as well as inshore vessels. Projects relating to selective gear consisted of funding for purchase of selectivity devices such as square mesh panels and selective codends for whitefish and *Nephrops* trawlers. Funding for inshore vessels was mainly for low impact fishing gears such as handline and automated jigging equipment.
- One of the main weaknesses of the Scheme was the relatively low uptake rate of the scheme by certain sectors. For example, although inshore vessels (under 12m) make up 35% of the grant aided projects by number, this equates to only approximately 6% of the inshore fleet applied for funding under the scheme. This reflects the fact that not all of the funding categories are relevant to every sector and some had limited or no relevance to the inshore sector (e.g. on board quality). There was also some negative feedback from stakeholders regarding how grant aid facilitated over-investment and increased effort in certain fleets (e.g. investments in the *Nephrops* fleet). In assessing projects, it would have been advisable to be more cognisant of the state of stock and also the economic viability of the fleet segments involved, accepting making the link to impacts of funding is very difficult in many cases. This is probably an inescapable reality of any funding programme but the possible capping of specific categories and sub-categories should be considered in future schemes to address these issues. Additionally, the lack of suitable indicators at an individual project or even fleet segment level makes measuring the success of the Scheme difficult.

## Recommendations for future schemes

The report contains several recommendations for similar future schemes. Firstly, a joined up approach to design and implementation of funding schemes is needed. Issues such as the potential over-investment in some fleets highlight the need for funding schemes to be intrinsically linked with overall fisheries governance and licensing regimes, marketing programmes and quality training programmes. Outputs from sustainability initiatives such as Fishery Improvement Projects and certification programmes should also inform funding scheme design and implementation, as a number of these aspects are intrinsic to such initiatives. Additionally, a cap on certain categories and sub-categories may be needed to address potential issues of overcapacity and over capitalisation. In this regard, a more detailed analysis is required of available economic data collected under the Data Collection Framework to assist with impact assessment of the funding scheme. Similarly, more detailed and easily accessible safety statistics, outlining the causes of non-fatal incidents would be useful indicators in trying to assess the efficacy of funding schemes such as this.

The report also identifies a need for training and dissemination in fish quality, fuel efficiency and the use of selective gears to back up grant aided investments, while given the importance of small scale coastal fisheries, the specific needs of this fleet segment should be fully examined and their needs better encompassed in future schemes. For example, widening engine replacement to fuel outboard engines would increase uptake by inshore vessels and have benefits to the environment. Similarly, exploring how categories such as Environmentally Friendly Gear can be made more relevant to a broader set of fleet sectors is needed.

A longer term system of monitoring selectivity patterns and fuel usage on vessels benefitting from grant aid and using new gears and fuel saving technologies would be beneficial. Likewise, measuring and comparing ecosystem impacts of different fishing gears is difficult and also beyond the short term scope of this project. The effect of many of the funding streams and associated indicators will only be evident in the longer term, so a long term assessment framework and approach would be useful. The carbon footprint of fisheries is becoming increasingly important and may be an issue in future export markets.

### • ***PLANNED EVALUATIONS***

In April 2020, the EMFF Managing Authority entered into a contract with RSM Ireland for evaluations of the EMFF Operational Programme 2014-2020 and a final report is due by July 2020.

RSM Ireland is carrying out the following evaluations:

1. Effectiveness Evaluation
2. Process Evaluation

## 1. Effectiveness Evaluation

The Effectiveness evaluation is focused on how well the EMFF Programme is being implemented, with the key question being how effective have EMFF measures been in achieving the Specific Objectives and the targets set in the OP. This will be carried out by evaluating each scheme against Key Evaluation Questions. Some KEQs include:

- To what extent has EMFF contributed to “strengthen technological development, innovation and knowledge transfer in the fisheries, aquaculture and seafood processing sectors”?
- To what extent has EMFF contributed to “enhancement of the competitiveness, the increase in value and productivity of fisheries and aquaculture enterprises, including improvement of safety or working conditions”?
- To what extent has EMFF contributed to “encouragement of investment in the processing and marketing sector”?

## 2. Process Evaluation

The process evaluation is focused on the delivery mechanism of the EMFF OP 2014-2020. This evaluation is assessing management structures and implementation methods and evaluating the effectiveness and efficiency of the management and delivery system. The process evaluation will identify lessons learned which can be implemented in the next programming period 2021-27.

When carrying out the process evaluation, the following key evaluation questions are being considered:

- How effective is the management structure?
- Are the administrative processes from project application to project finalisation effective?
- Have actions to mainstream and promote the horizontal principles of equality between men and women and non-discrimination been implemented effectively?
- How effective is the monitoring system in collecting analysing and monitoring the output, financial, procedural and result indicators as defined by the programme?
- Does the communication strategy effectively raise awareness of the supports available through the Programme and of the Programme’s achievements?



All evaluations described above can be found on the following link or be made available on the link when finally published:

<https://eufunds.ie/european-maritime-and-fisheries-fund/programme-implementation>

**9. CITIZEN'S SUMMARY (ARTICLE 50(9) OF REGULATION (EU) NO 1303/2013)**

A citizen's summary of the contents of the AIRs should be made public and uploaded as a separate file in the form of annex to the AIR.

**10. REPORT ON THE IMPLEMENTATION OF FINANCIAL INSTRUMENTS (ARTICLE 46(1) OF REGULATION (EU) NO 1303/2013)**

**11. ASSESSMENT OF THE IMPLEMENTATION OF THE OPERATIONAL PROGRAMME (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013)**

**11.1. Assessment of data and progress towards achieving the objectives of the programme**

For each Union priority an assessment should be carried out on the information and data provided in Part A and progress towards achieving the objectives of the programme (incorporating the findings and recommendations of evaluations)

Union priority	Assessment of data and progress towards achieving the objectives of the programme
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	
3 - Fostering the implementation of the CFP	
4 - Increasing employment and territorial cohesion	
5 - Fostering marketing and processing	
6 - Fostering the implementation of the Integrated Maritime Policy	
7 - Technical assistance	

**11.2. Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned**

An assessment by Union priority of whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned, where appropriate

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	
3 - Fostering the implementation of the CFP	
4 - Increasing employment and territorial cohesion	
5 - Fostering marketing and processing	
6 - Fostering the implementation of the Integrated Maritime Policy	
7 - Technical assistance	

**12. HORIZONTAL PRINCIPLES OF IMPLEMENTATION (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013)**

**12.1. An assessment of the implementation of specific actions to take into account the principles set out in Article 5 of Regulation (EU) No 1303/2013 on partnership and multi-level governance, with particular emphasis on the role of partners in the implementation of the programme.**

**12.2. An assessment of the implementation of specific actions to take into account the principles set out in Article 7 of Regulation (EU) No 1303/2013 on promotion of equality between men and women and non-discrimination, including accessibility for disabled persons as well as the arrangements implemented to ensure the integration of the gender perspective in the Operational Programme.**

**12.3. An assessment of the implementation of specific actions to take into account the principles set out in Article 8 of Regulation (EU) No 1303/2013 on sustainable development, including an overview of the actions taken to promote sustainable development.**

**13. REPORTING ON SUPPORT USED FOR CLIMATE CHANGE OBJECTIVES (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013)**

Figures are calculated automatically and will be included into Table 4 on financial data. A clarification on the given values may be provided, particularly if the actual data is lower than the planned.

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**14. SMART, SUSTAINABLE AND INCLUSIVE GROWTH (ARTICLE 50(5) OF REGULATION (EU) No 1303/2013)**

Information and assessment should be provided on the Operational Programme's contribution to achieving the objectives of the Union strategy for smart, sustainable and inclusive growth.

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**15. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME — PERFORMANCE FRAMEWORK  
(ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)**

Where the assessment of progress made with regard to the milestones and targets set out in the performance framework demonstrates that certain milestones and targets have not been achieved, Member States should outline the underlying reasons for failure to achieve these in the report of 2019 (for milestones) and the report by the deadline referred to in Article 138(1) of Regulation (EU) No 1303/2013 (for targets)

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**16. WHERE APPROPRIATE, THE CONTRIBUTION TO MACRO-REGIONAL AND SEA BASIN STRATEGIES.**

As stipulated by the Regulation (EU) No 1303/2013, article 27(3) on the "content of programmes", article 96(3)(e) on the "content, adoption and amendment of operational programmes under the Investment for growth and jobs goal", article 111(3) and 4(d) on "implementation reports for the Investment for growth and jobs goal", and Annex 1, section 7.3 on "contribution of mainstream programmes to macro-regional and sea-basin strategies, this programme contributes to MRS(s) and/or SBS

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- EU Strategy for the Baltic Sea Region (EUSBSR)
- EU Strategy for the Danube Region (EUSDR)
- EU Strategy for the Adriatic and Ionian Region (EUSAIR)
- EU Strategy for the Alpine Region (EUSALP)
- Atlantic Sea Basin Strategy (ATLSBS)
- WestMED Sea Basin Strategy (WestMED)

**Priority(s) and objective(s) that your programme is relevant to:**

	<b>Priority</b>	<b>Objective</b>
<input checked="" type="checkbox"/>	1 - Promote entrepreneurship and innovation	1.1 - Sharing knowledge between higher education organisations, companies and research centers
<input checked="" type="checkbox"/>	1 - Promote entrepreneurship and innovation	1.2 - Enhancement of competitiveness and innovation capacities in the maritime economy of the Atlantic area
<input checked="" type="checkbox"/>	1 - Promote entrepreneurship and innovation	1.3 - Fostering adaptation and diversification of economic activities by promoting the potential of the Atlantic area
<input type="checkbox"/>	2 - Protect, secure and develop the potential of the Atlantic marine and coastal environment	2.1 - Improving maritime safety and security
<input checked="" type="checkbox"/>	2 - Protect, secure and develop the potential of the Atlantic marine and coastal environment	2.2 - Exploring and protecting marine waters and coastal zones
<input checked="" type="checkbox"/>	2 - Protect, secure and develop the potential of the Atlantic marine and coastal environment	2.3 - Sustainable management of marine resources
<input type="checkbox"/>	2 - Protect, secure and develop the potential of the Atlantic marine and coastal environment	2.4 - Exploitation of the renewable energy potential of the Atlantic area's marine and coastal environment
<input type="checkbox"/>	3 - Improve accessibility and connectivity	3.1 - Promoting cooperation between ports
<input checked="" type="checkbox"/>	4 - Create a socially inclusive and sustainable model of regional development	4.1 - Fostering better knowledge of social challenges in the Atlantic area
<input checked="" type="checkbox"/>	4 - Create a socially inclusive and sustainable model of regional development	4.2 - Preserving and promoting the Atlantic's cultural heritage

**What were the actions or mechanisms used to better link the programme with the Atlantic SBS**

**A. Are the Sea Basin Strategic coordinators (mainly National Coordinators, Priority Area Coordinators or members, and/or Objective coordinators or members) participating in the Monitoring Committee of the programme**

Yes  No

**B. In selection criteria, have extra points been attributed to specific measures supporting the ATLSBS**

Yes  No

**C. Has the programme invested EU funds in the ATLSBS**

Yes  No

**Does your programme plan to invest in the ATLSBS in the future? Please elaborate (1 specific sentence)**

A review of the Atlantic Strategy will be carried out to ascertain how the EMFAF may support ATLSBS in the period 2021-2027

**Obtained results in relation to the ATLSBS (n.a. for 2017)**

## DOCUMENTS

Document title	Document type	Document date	Local reference	Commission reference	Files	Sent date	Sent By
Citizens Summary Ireland	Citizens' summary	26-Apr-2021		Ares(2021)2765839	Citizens Summary	26-Apr-2021	nclardam

## LATEST VALIDATION RESULTS

Severity	Code	Message
Info		Implementation report version has been validated
Warning	2.3	Please note that the Annual Implementation Report you are about to validate is not linked to the latest version of the programme approved by the Commission