

ANNUAL IMPLEMENTATION REPORT FOR THE EMFF

CCI	2014IE14MFOP001
Title	European Maritime and Fisheries Fund - Operational Programme for Ireland
Version	2016.1
Date of approval of the report by the Monitoring Committee (Art 113.d of EMFF)	23-May-2017

2. OVERVIEW OF THE IMPLEMENTATION OF THE OPERATIONAL PROGRAMME (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)	4
3. IMPLEMENTATION OF THE UNION PRIORITIES	6
3.1. OVERVIEW OF THE IMPLEMENTATION (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)	6
3.2. RESULT, OUTPUT AND FINANCIAL INDICATORS FOR EMFF (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)	24
<i>Table 1: Result indicators for the EMFF - 1</i>	24
<i>Table 2: Output indicators for EMFF -1.1</i>	27
<i>Table 2: Output indicators for EMFF -1.2</i>	27
<i>Table 2: Output indicators for EMFF -1.3</i>	28
<i>Table 2: Output indicators for EMFF -1.4</i>	28
<i>Table 2: Output indicators for EMFF -1.5</i>	29
<i>Table 2: Output indicators for EMFF -1.6</i>	30
<i>Table 1: Result indicators for the EMFF - 2</i>	31
<i>Table 2: Output indicators for EMFF -2.1</i>	34
<i>Table 2: Output indicators for EMFF -2.2</i>	34
<i>Table 2: Output indicators for EMFF -2.3</i>	34
<i>Table 2: Output indicators for EMFF -2.4</i>	35
<i>Table 2: Output indicators for EMFF -2.5</i>	35
<i>Table 1: Result indicators for the EMFF - 3</i>	36
<i>Table 2: Output indicators for EMFF -3.1</i>	37
<i>Table 2: Output indicators for EMFF -3.2</i>	37
<i>Table 1: Result indicators for the EMFF - 4</i>	37
<i>Table 2: Output indicators for EMFF -4.1</i>	39
<i>Table 1: Result indicators for the EMFF - 5</i>	39
<i>Table 2: Output indicators for EMFF -5.1</i>	41
<i>Table 2: Output indicators for EMFF -5.2</i>	41
<i>Table 1: Result indicators for the EMFF - 6</i>	41
<i>Table 2: Output indicators for EMFF -6.1</i>	43
<i>Table 3: Financial indicators for EMFF</i>	44
3.3. FINANCIAL DATA	45
<i>Table 4: Financial data for the EMFF</i>	45
<i>Table 5: Cost of operations implemented outside the programme area (Article 70 of Regulation (EU) No 1303/2013)</i>	57
4. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND CORRECTIVE MEASURES TAKEN	58
4.1. ACTIONS TAKEN TO FULFIL THE EX-ANTE CONDITIONALITIES (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013)	58
<i>Table 6: Actions taken to fulfil applicable EMFF-specific ex-ante conditionalities</i>	58
4.2. ISSUES WHICH AFFECT THE PERFORMANCE OF THE PROGRAMME AND THE CORRECTIVE MEASURES TAKEN (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013).....	60
5. INFORMATION ON SERIOUS INFRINGEMENTS AND REMEDY ACTIONS (ARTICLE 114(2) OF REGULATION (EU) NO 508/2014)	61
6. INFORMATION ON ACTIONS TAKEN TO COMPLY WITH ARTICLE 41(8) (ARTICLE 114(2) OF REGULATION (EU) NO 508/2014)	62
7. INFORMATION ON THE ACTIONS TAKEN TO ENSURE THE PUBLICATION OF BENEFICIARIES (ARTICLE 114(2)) OF REGULATION (EU) NO 508/2014)	63
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)	66
9. CITIZEN'S SUMMARY (ARTICLE 50(9) OF REGULATION (EU) NO 1303/2013)	67
10. REPORT ON THE IMPLEMENTATION OF FINANCIAL INSTRUMENTS (ARTICLE 46(1) OF REGULATION (EU) NO 1303/2013)	68

11. ASSESSMENT OF THE IMPLEMENTATION OF THE OPERATIONAL PROGRAMME (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013)	69
11.1. ASSESSMENT OF DATA AND PROGRESS TOWARDS ACHIEVING THE OBJECTIVES OF THE PROGRAMME	69
11.2. ASSESSMENT WHETHER PROGRESS MADE TOWARD MILESTONES AND TARGETS IS SUFFICIENT TO ENSURE THEIR EVENTUAL FULFILMENT, INDICATING ANY REMEDIAL ACTIONS TAKEN OR PLANNED	79
12. HORIZONTAL PRINCIPLES OF IMPLEMENTATION (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013)	90
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.	90
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.....	91
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.	92
13. REPORTING ON SUPPORT USED FOR CLIMATE CHANGE OBJECTIVES (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013)	94
14. SMART, SUSTAINABLE AND INCLUSIVE GROWTH (ARTICLE 50(5) OF REGULATION (EU) NO 1303/2013)	95
15. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME — PERFORMANCE FRAMEWORK (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)	96
DOCUMENTS	97
LATEST VALIDATION RESULTS	98

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.

Following approval by Government of Ireland's EMFF Operational Programme and its adoption by the European Commission on 4 December 2015, the Programme was formally launched on 14 January 2016 by Ireland's Minister for Agriculture Food and the Marine. The Programme provides for €239.4 million of investment, co-funded by the Exchequer (€91.8 million) and European Union (€147.6 million).

In 2016, some 22 schemes were approved by the Programme Monitoring Committee in the course of its 3 meetings in 2016. The 22 schemes are listed below, together with total public expenditure in 2016 for each scheme, where applicable.

- Sustainable Fisheries Scheme
- Marine Biodiversity Scheme
- Fishery Harbours Scheme
- Inshore Fisheries Conservation and Management Scheme
- New Fishermen Scheme
- Seafood Training Scheme
- Fisheries Apprenticeship Scheme
- Seafood Capacity Building Scheme
- Sustainable Aquaculture Scheme
- Aquaculture System Scheme
- Knowledge Gateway Scheme – aquaculture
- Data Collection Scheme
- Control and Enforcement Scheme
- Fisheries Local Development Scheme
- Seafood Capital Investment Scheme
- Seafood Innovation and Business Planning Scheme
- Seafood Scaling and New Market Development Scheme
- Seafood Promotion Scheme
- Producer Organisation Scheme
- Storage Aid Scheme
- Blue Growth and Marine Spatial Planning Scheme
- Technical Assistance Scheme

Total Programme expenditure in 2016 was €18.2 million. Having regard to funds made available for the Programme in 2016, this level of expenditure was lower than anticipated. From the €23.7 million available through BIM under schemes for fisheries, aquaculture and processing, only €10 million approximately was committed through grant offers, while only €6 million approximately was actually drawn down by applicants. Some of the main reasons for the lower than anticipated spend include:

- The proposed Decommissioning Scheme not proceeding,
- Approved investment projects in the seafood processing sector not proceeding for various business reasons,
- Continued muted demand for capital grants in the aquaculture sector,

- Considerably lower than anticipated interest in investments to facilitate the landing obligation
- The establishment of the seven FLAGs and approval of their Local Development Strategies in November 2016 meaning applications for FLAG support did not take place.

The Managing Authority and BIM will be reviewing scheme administration and proposing changes to scheme terms and conditions to promote investment and enhance take-up of funds in 2017 and beyond.

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, efficient, competitive and based fisheries</p> <p>resource innovative, knowledge</p>	<p><u>Marine Biodiversity Scheme - Article 40</u></p> <p>The objective of the Marine Biodiversity Scheme, as set out in section 3.1 of the EMFF OP, is to promote good fisheries and aquaculture management and protect biodiversity in marine habitats. This will support implementation of the CFP and compliance with the Habitats and Birds Directives (Natura 2000) and the Marine Strategy Framework Directive.</p> <p>The Marine Biodiversity scheme supports actions with the specific objectives of</p> <ol style="list-style-type: none"> 1. reducing the impact of fisheries and aquaculture on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catch 2. protecting and restoring aquatic biodiversity and ecosystems. <p>In 2016, projects carried out under the NATURA and fisheries programme assessed the impacts of winter potting and oyster dredging on summer seagrass habitats; the impacts of hydraulic dredging on sedimentary habitat in shallow sub-tidal waters of the north Irish Sea and the species catch composition in the inshore potting fleets.</p> <p>Vessel Monitoring Systems (iVMS) were deployed on inshore fishing vessels using dredges in the Irish Sea to monitor fishing activities surrounding closed areas to protect sensitive habitats. Projects under the NATURA and aquaculture programme supported appropriate assessment reports and advisory services of aquaculture activities in NATURA sites (SPAs and SACs) in Bannow Bay; Trawbreaga Bay; Wexford Harbour; River Barrow and River Nore; Sheephaven; West of Ardara/Maas Road; Gweedore Bay and Islands and Slyne Head Peninsula (Mannin Bay).</p> <p>The effectiveness of mitigation measures was monitored in the Dungarvan SPA following the creation of a bird ‘corridor’ to manage aquaculture activities in Natura sites. Completion of the first year of the work programme led to public expenditure support of €275,000.</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 data-bbox="544 344 1038 383"><u>New Fishermen Scheme - Article 31</u></p> <p data-bbox="544 450 1481 741">In accordance with the Strategy for Sustainable Development of Fisheries specified in section 3.1 of the EMFF OP, the objective of this Scheme is to contribute to maintaining a balance between available fishing capacity and fishing opportunities in particular fleet segments by encouraging younger fishermen to enter balanced fleet segments. In combination with other measures under the EMFF Operational Programme, this will assist in improving the cost competitiveness of the fleet segment concerned.</p> <p data-bbox="544 808 1474 1061">In 2016, there was one project approved (Eligible Expenditure €227,000 with public expenditure granted of €56,750) but not completed in 2016 under this scheme which provides support for young fishermen to enter the industry. The main issue for lack of uptake in 2016 may extend to the limited scope of the scheme to vessels under 12m due to the fleet balance report leading to the exclusion of polyvalent vessels greater than 12m.</p> <p data-bbox="544 1128 1369 1167"><u>Sustainable Fisheries Scheme - Articles 27, 29, 32, 38, 40, 42</u></p> <p data-bbox="544 1234 1474 1592">In accordance with the Strategy for Sustainable Development of Fisheries specified in section 3.1 of the EMFF OP, the objective of this Scheme is facilitate storage and other facilities in certain ports as needed to support the landing obligation and to contribute to CFP implementation through helping fishermen avoid juvenile, depleted and choke stocks through development of a change management process and deployment of more selective fishing methods and other means to support individual change management plans. The Scheme aims to assist the seafood sector make the structural adjustment necessary to implement the CFP Landing Obligation.</p> <p data-bbox="544 1659 1445 1839">The Scheme also aims to reduce the impact of fisheries on the marine environment by promoting good fisheries management, protecting biodiversity in marine habitats, conserving and re-build stocks and supporting efficient design and implementation of conservation measures and regional cooperation under the CFP.</p> <p data-bbox="544 1906 1474 1973">The Scheme did not become operational until Q3 2016 so it is expected to have a much greater uptake in 2017</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><i><u>Part A - Public Interest Projects:</u></i></p> <p>In 2016 support for public interest projects were implemented under the BIM Work Programme for 2016. This programme of actions mainly focused on Environmentally Friendly Fishing Methods, innovation and protection /restoration of marine biodiversity. Examples include the following :</p> <ul style="list-style-type: none"> • Development of a cetacean friendly device to reduce seal-fisheries interactions • Improved gear selectivity to address the landing obligation • Fishing for Litter Programme & Waste Management • Provision of Fisheries, Aquaculture and Marine Environment Information Services <p>The 2016 BIM work programme project approval included 12 operations with 11 operations completed and were supported to a grant value of €754,690.</p> <p><i><u>Part B - On Board Investments</u></i></p> <p>In 2016 support for on-board investment in fishing vessels focused on improving health and safety, quality, adding value and improving working conditions. Examples include the following :</p> <ul style="list-style-type: none"> • Insulated Fish Bins • Jigging Machines • Personal protection & Fish Handling Equipment <p>26 projects were approved with 7 projects completed and supported to a grant value of €21,847</p> <p><i><u>Part C - Promoting Quality and Added Value Onshore</u></i></p> <p>This part of the scheme is designed to foster the gradual elimination of discards, to reduce the impact of fishing on the marine environment, and to facilitate the transition to a sustainable exploitation of living marine biological resources. In 2016 no projects were approved.</p> <p><u>Inshore Fisheries Conservation Scheme (V Notching) - Article 40:</u></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>The overall objectives of the V-Notching Support will be to:</p> <ul style="list-style-type: none"> • Increase the reproductive potential of the Irish Lobster stock through the protection of mature female lobsters. • Collect data to inform stock assessments. <p>The scheme provides support to collectives and individual fishermen for the live return of female lobsters. In 2016 70 operations were approved with 64 operations completed and supported to a grant value of € €335,598</p> <p><u>Decommissioning Scheme - Article 34</u></p> <p>The EMFF Programme and the Action Plan attached to the 2014 Fleet Report recommended a Decommissioning Scheme to address imbalances in two fleet segments. In accordance with the Public Spending Code, BIM retained consultants Grant Thornton in 2016 to conduct a Cost Benefit Analysis of the proposed Scheme. While the CBA acknowledged the positive NPV of the proposed Scheme, it concluded that a scheme was <u>not</u> recommended because of the high risks that off-register fleet capacity would be used to facilitate the introduction of replacement vessels, thus undermining the value of the expenditure under the Scheme.</p>
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	<p>Ireland's National Strategic Plan for Sustainable Aquaculture Development aims at boosting the sustainability, production and competitiveness of the aquaculture sector. As part of this, financial support under the EMFF OP will go towards three main areas: sustainable aquaculture production; knowledge, innovation and new technology; and more effective governance .</p> <p>Grant Aid Schemes under the first two areas were launched on the 14th January 2016. The two schemes are; Knowledge Gateway Scheme and Sustainable Aquaculture Scheme</p> <p>In 2016, both the KGS and SAS were launched on an open call basis, apart from the Biotxin Harvest Suspension project type. This will only be opened when the scheme criteria are met, i.e. losses arising from harvesting suspensions due to toxin-producing plankton that have persisted for more than 4 consecutive months and the loss resulting from the suspension must amount to more than 25% of the annual turnover of the business, calculated on the average turnover over the 3 preceding calendar years.</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><u>Knowledge Gateway Scheme - Articles 47 and 50</u></p> <p>This Scheme supports applied research, new species development and commercialisation, research into managing diseases and parasites, and the provision of environmental and business planning advice. The OP Strategy identifies the following areas of focus:</p> <ul style="list-style-type: none"> • Applied research • New species development and commercialisation • Research into managing diseases and parasites • The provision of environmental and business planning advice • Knowledge transfer <p>The Knowledge Gateway Scheme approved 7 industry projects in 2016 along with the BIM EMFF work programme package. The industry projects were divided into technical and research projects and training and networking. There were 6 technical and research projects (including BIM work programme) and 2 training and networking projects. At the end of 2016 there were 5 projects completed which amounted to €928,124 being provided in public expenditure.</p> <p><u>Sustainable Aquaculture Scheme - Articles 48, 52, 53 and 55</u></p> <p>In accordance with the Strategy for Sustainable Development of Aquaculture specified in section 3.1 of the EMFF OP, the objective of this Scheme is to promote the sustainable growth of output, value and employment in the aquaculture sector. The OP Strategy identifies that this objective will be promoted through supports for sustainably increasing the productive output of aquaculture enterprises, supporting new aquaculture enterprises entering the sector, scaling up of aquaculture enterprises to improve their competitiveness and efficiency, diversification into new species, more farming of underutilised species and promotion of organic aquaculture. Particular attention will also be given to the diversification of aquaculture towards methods with significant commercial output.</p> <p>The Scheme also encourages organic production and will provide assistance to enterprises significantly affected by naturally occurring</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>biotoxin events.</p> <p>There were 18 projects approved and 16 projects completed under the Sustainable Aquaculture scheme in 2016. Under the capacity building project type, the scheme supported 10 projects to increase production of aquaculture enterprises. These were all in the oyster sector. A further 4 projects were supported to improve competitiveness and modernise aquaculture units and one project on reducing environmental impact through improving output water quality.</p> <p>One project was funded under the organic aquaculture project type.</p> <p>The total amount of support allocated under this scheme to the 16 completed projects amounted to €802,565</p> <p>.</p> <p>One project was funded under the organic aquaculture project type.</p> <p>The total amount of support allocated under this scheme to completed projects amounted to €802,565</p> <p>An issue with the implementation of both schemes was underspend and completion of projects. Several projects failed to commence within the time allowed and were therefore decommitted. In order to address this for the next year, timescales for projects will be more closely monitored and checked.</p>
3 - Fostering the implementation of the CFP	<p><u>Control & Enforcement (Article 78)</u></p> <p>The IMT division of the Department of Agriculture Food and the Marine (DAFM) develops and maintains the fisheries IT systems to support the Fisheries divisions of the department and the Fisheries control authority, (SFPA). Eligible activities are specified in section 12.4 of the EMFF OP. DAFM IMT commenced development work on these activities in 2014/2015. Activities implemented in 2016 included.</p> <ul style="list-style-type: none"> • The implementation of an infringement register and a points management system within the Integrated Fisheries Information

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>system (IFIS) for assigning and management of points assigned to vessel licence holders;</p> <ul style="list-style-type: none"> • The integration of Vessel Monitoring Systems (VMS) with vessel catch detail in IFIS to provide a consolidated view of vessel position and catch information; • Technical review of the technologies in IFIS to ascertain its suitability in providing innovation through new technologies for the management of data, conducting risk analysis and revamping IFIS, VMS, Automated Information Systems and Electronic Recording System (ERS). • Commencement of the implementation of the requirements under the Landing obligation: <ul style="list-style-type: none"> ○ Development of requirements for revised aggregated Catch report over Flux ○ Analysis of the requirements of the fishing activity/Sales notes and the exchange of information in the UNCEFACT format over FLUX ○ Implementation of architecture to support the exchange of information over FLUX ○ Initial analysis of the implementation of a quota balancing system <p>Further development work under these activities will be advanced in 2017. Eligible expenditure up to end of 2016 is €2,928,687.74 and this covers the costs of expenditure incurred for the contracting in of external ICT resources.</p> <p>In 2016 the Sea Fisheries Protection Authority commenced a project relating to the Promotion of Compliance. The main activities in 2016 included.</p> <ul style="list-style-type: none"> • Enhancing the awareness of control and enforcement activities among fishermen and other stakeholders to further develop a culture of compliance through communicating clearly the benefit of compliance. Greater awareness within the fishing community of the rules of the CFP by way of promotional

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>material and stakeholder awareness events.</p> <p>This project will continue in 2017.</p> <p>Eligible expenditure up to the end of 2016 is €70,000.</p> <p><u>Data Collection - (Article 77)</u></p> <p>In 2016, the evaluation of the fishing sector was supported through the collection of</p> <ul style="list-style-type: none"> a.) economic variables based on economic surveys and sentinel vessel programmes b.) transversal variables (capacity, effort, landings) based on fleet registers and logbook declarations; c.) biological variables which comprised metier related variables and stock related variables for 67 fish stocks <p>Data collection for fisheries economic variables achieved a 16% sampling rate for the fiscal year 2015 based on voluntary surveys. Biological data was collected at sea on board commercial and research vessels and in fishing ports around the coast as part of the ports based sampling. In 2016, The Marine Institute (MI) experienced difficulties in fulfilling its catch sampling at sea programme targets. 58 at sea trips were completed out of a planned 161 trips (36% achievement rate). Reasons for soft refusals by industry relate to uncertainty in the landings obligation. MI have discussed the issue with DAFM, industry and other agencies and will continue to work with all to resolve the issue.</p> <p>2016 marked the transition from metier based sampling to randomised, statistically robust sampling for ports. A total of 271 out of a planned 252 port sampling trips were completed for demersal stocks, resulting in sampling in excess of the original targets to compensate for lower than expected catch sampling trips at sea. All pelagic and <i>Nephrops</i> sampling targets were achieved in line with agreed targets in 2016. 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>at sea and port based sampling programme amounted to €320,000 in 2016 excluding staff costs.</p> <p>There was an increase in the number of research surveys at sea carried out by the Marine Institute in 2016 to address data needs for stocks of Irish importance including anglerfish, megrim and boarfish. Nine internationally coordinated off shore research surveys at sea were completed in 2016 (up from seven in previous years) as well as nine inshore shellfish surveys. Survey data is used to provide fisheries independent data for stock assessment for blue whiting, NW and Celtic Sea herring, boarfish, mackerel, horse mackerel, nephrops (FU16, 17, 19-22), anglerfish, megrim, and mixed demersal fish and shellfish stocks, comprising €4,678,000 of the data collection budget in vessel and associated costs (Sea allowance, T&S, consumables, and durable equipment) for 2016.</p> <p>The Marine Institute also provided staff expertise to the Norwegian acoustic herring survey. All surveys achieved 100% of planned spatial coverage and/or stations in 2016.</p> <p>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). The 2016 aquaculture survey has a 79% response rate, same as 2015.</p> <p>Achieved sample numbers for medium and large companies exceeded planned sample numbers in 2016 and was less than the planned sample number for companies with less than 10 employees. The quality of data collected continues to improve in 2016 as a mandatory requirement for any applicant for EU or National grant aid to complete the DCF data collection survey for the processing sector.</p> <p>Overall international coordination was achieved through the participation at and contribution to 39 ICES and EU scientific expert groups directly related to the DCF with a cost of €81,400 for 2016. Overall, staff costs to implement the DCF in 2016 were € 2,773,000. Data transmission occurred through submissions in response to 25 data calls in 2016.</p>
4 - Increasing employment and territorial cohesion	<u>Fisheries Local Development Scheme - Articles 60-64</u>

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>The objective of the Fisheries Local Area Development Scheme is to implement the Strategy for investment in the sustainable development of fisheries / aquaculture areas set out in section 3.1 of the EMFF OP. That Strategy aims to promote economic activity in those areas by <i>adding value to fishery and aquaculture products and diversifying the local economy towards new economic activities, in particular those offered by 'blue growth' and the broader maritime sectors.</i></p> <p>In February 2016, Expressions of Interest (EoIs) were sought from coastal groups wishing to be designated as FLAGs. At the conclusion of the process in May 2017 ten EoIs had been received. An independent FLAG Selection Committee was convened to consider and approve a maximum of seven EoIs for the provision of assistance to develop Local Development Strategies (LDS).</p> <p>The seven successful groups were supported in the development of their Local Development Strategies through the provision of consultants funded under article 78 Technical Assistance. Each of the seven groups, aided by their consultants, conducted research and public consultation on their local development needs, including public meetings in their regions and direct consultation meetings with key stakeholder groups. The groups finalised their draft strategies in October 2016 and submitted these for consideration. An independent FLAG Selection Committee was convened to consider and approve Local Development Strategies. The seven proposed LDSs were each approved with conditions..</p> <p>As part of its budgetary allocation approved by the FLAG Selection Committee, each FLAG was also provided with a budget for the Programme period, with separate allocations to cover grant support for distribution to third parties, a FLAG cooperation budget and an animation / administration budget. Separately, each of the 7 FLAGs was provided with an animation / administration resource by the Intermediate body BIM, with some elements of this funded through article 78 Technical Assistance.</p> <p>Parallel to the LDS development phase, intermediate body BIM and consultants funded through article 78 Technical Assistance developed administrative systems, branding, websites etc for use by the FLAGs. This process continued into early 2017.</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
5 - Fostering marketing and processing	<p><u>Seafood Promotions Scheme (Article 68)</u></p> <p>The objective of the Seafood Promotion Scheme is to find new markets for seafood products. Under section 3.1 of the EMFF OP, the Strategy for Union Priority Five – Marketing and Processing of Seafood Products – indicates that supports will be provided to implement a common interest seafood marketing programme that will seek to find new markets for Irish seafood and to enhance the value of seafood sales.</p> <p>In 2016, a total of €833,000 in funding was allocated to Bord Bia under the 2016 Work Programme to fund its international trade exhibition programme which comprised a Bord Bia Ireland Pavilion at the following 7 international trade shows:</p> <ul style="list-style-type: none"> • Biofach, Nuremburg • Boston Seafood Show, Boston • SEG, Brussels • PLMA, Amsterdam • Speciality & Fine Foods Show, London • Conxemar, Vigo • China Fisheries Show, Qingdao <p>Bord Bia had also planned to take a pilot stand at the Tokyo Seafood Show in 2016 but due to conflict in the timing of the show and projects underway by some of the key clients targeted, participation at this show did not materialise in 2016.</p> <p>Bord Bia has 3 strategic objectives for the seafood sector which can be summarised as follows:-</p> <ol style="list-style-type: none"> 1. <i>To increase exports in the growing emerging markets for seafood</i> 2. <i>To assist the industry to secure higher added value business in its core markets</i> 3. <i>To build a vibrant home market for a range of underutilised fish species.</i> <p>A total of 56 of Ireland’s leading seafood processors from the pelagic, shellfish, salmon and added value seafood sectors participated across these 7 international seafood shows under the Bord Bia Ireland Pavilion in 2016. Feedback from these clients after these shows confirm that the following benefits resulted from their participation in these trade events:</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
	<ol style="list-style-type: none"> 1. Access to new customers in new markets 2. Consolidation of existing business in existing markets 3. Platform to promote sustainability credentials to international seafood audience 4. Creation of brand awareness 5. Opportunity to showcase the latest industry innovations to international seafood buyers 6. Economies of scale in promotion & marketing 7. Opportunity to generate new export sales in new markets 8. Identification of new customers in new channels 9. Increased export sales in existing export markets 10. Platform to test and launch new seafood products 11. Industry networking 12. Assist with idea generation for NPD and packaging <p><u>Seafood Processing Development Measure - Articles 26, 68 & 69</u></p> <p>Three Schemes were launched in 2016 under the seafood processing development measure, namely:</p> <p>Seafood Capital Investment Scheme:</p> <p>In line with the objectives of the Measure, eligible projects under this Scheme will be investments that seek to:</p> <ul style="list-style-type: none"> • Add value to fish through processing, presentation, and packaging; • Promote innovation and new product development; • Improve safety, health, quality, hygiene, and traceability; • Reduce energy costs. <p>The Scheme prioritises supports for secondary processing investments.</p> <p>In 2016 25 projects were approved for EMFF funding and 18 projects were implemented with grant support of €1,991,851.66. There were 5 whitefish value added projects, 3 salmon/trout value added projects, 7 shellfish value added projects, 2 pelagic value added projects and 1 pelagic primary project.</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>Seafood Scaling and Market Development Scheme:</p> <p>In line with the objectives of the Measure, eligible Projects will be investments that seek to promote economies of scale through promoting industry cooperation, joint ventures, and shared route to market structures.</p> <p>These include the following:</p> <ul style="list-style-type: none"> • Industry projects aimed at solving Route to market (RTM) inefficiencies and Scale problems within the industry. The scheme will also support Industry collectives to work together in the development of new markets. • Public projects which are beyond the scope or capability of industry to implement. This includes projects which deal with key issues identified in the main commercial seafood categories such as: Salmon, Pelagic, Whitefish, Prawns, Crab and Mussels. <p>In 2016, 7 collective joint venture Projects and the BIM Scaling 2016 Work Programme were supported with grant aid of €456,895, with particular focus on market development for shellfish in Asia.</p> <p>Seafood Innovation and Business Planning Scheme:</p> <p>In line with the objectives of the Measure, eligible Projects under this Scheme will be investments that seek to promote innovation and new product development.</p> <p>These include the following:</p> <ul style="list-style-type: none"> • Industry projects with the objective of developing new value added products / processes or the certification of products beyond legislative requirements (eg BRC). These include new product development, packaging, process and technology development, market surveys, projects which promote supply chain efficiency and traceability, environmentally friendly processing methods. • Public projects with the objective of developing new value added products / processes and technologies. This will include facilitating innovation and knowledge transfer between industry and research institutions. • and Public projects with the objective of enabling seafood enterprises to develop a structured business approach to seafood

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>innovation and assist in Business Planning / Gap Analysis / and Mentoring to Seafood enterprises.</p> <p>In 2016, 10 Projects and the BIM Innovation 2016 Work Programme were supported with grant aid of €1,067,443. Projects ranged from BIM's common interest work programme on behalf of the industry to added value crab meat retail solution products for core European markets, to exploring clean label solutions for frozen at sea prawns, to converting fish raw material of relatively low commercial value into a much higher value by converting to advanced and stable ingredients.</p> <p><u>Producer Organisation Scheme - Article 66</u></p> <p>This Scheme aims to promote the contribution of Producer Organisations to implementation of the CFP and development of the seafood sector by supporting the preparation of Production and Marketing Plans and supporting the implementation of measures outlined in those plans.</p> <p>11 projects were approved and completed under the Production and Marketing Plans for 5 Producer Organisations. These were supported to a grant value of €609,669.</p>
6 - Fostering the implementation of the Integrated Maritime Policy	<p><u>Blue Growth & Marine Spatial Planning Scheme - Articles 79 & 80</u></p> <p>The objective of the Blue Growth & Marine Spatial Planning Scheme is to progress the strategy for the Implementation of the Integrated Maritime Policy as set out in section 3.1 of Ireland's EMFF Operational Programme (OP). That is:</p> <p><i>“The implementation of UP6 will allow Ireland to improve the level of protection of marine resources and to create conditions for the sustainable exploitation of natural resources which can form the basis of a blue economic plan. The implementation is aligned with Ireland's IMP. The possibilities to co-ordinate maritime activities and sharing of information (including across Member States) will be supported as will</i></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><i>the development of maritime spatial planning.”</i></p> <p>In February 2016, the implementation plan related to the Blue Growth and MSP Scheme was submitted to and approved by the EMFF National Monitoring Committee. Implementation Plans for both areas were developed in parallel.</p> <p>As part of planning the Blue Growth Scheme, an Implementation Group, comprised of national development organisations (IDA, Enterprise Ireland, Bord Iascaigh Mhara, Fáilte Ireland, Bord Bia, Geological Survey of Ireland, Irish Maritime Development Office (IMDO), Sustainable Energy Authority of Ireland and Údarás na Gaeltachta) met and advised the Interdepartmental Marine Coordination Group on achieving the economic ambitions set out in Ireland’s Integrated Marine Plan including the mandate, governance and structure of a new integrated Marine Development Team (MDT). The Implementation Group proposed that:</p> <ul style="list-style-type: none"> • Members of the MDT should work closely with, and in support of, establishment of the existing development and related agencies. Close working arrangements should include placement of team staff with existing agencies to support specific marine development projects and to ensure no duplication of effort occurs. • The team should be established under the governance structures of the Marine Institute, an agency of the Dept. of Agriculture, Food and the Marine, • An oversight group, to agree and monitor the work programme, be established with representatives from the executive management teams of the relevant agencies. • A work programme (as set out in the Scheme and related Implementation Plan) be embarked on in the areas of: marketing & engagement, establishment and maintenance of communities of interest, project identification & preparation, and promotion and brokerage of investment.

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>Later in 2016 nominees to the Oversight Group were sought and secured. An Industry Advisory Group is also being established that will inform the work of the group and the MDT. Throughout 2016, work also continued to secure the personnel for the Marine Development Team. This included securing (through competitive tender) the head of the MDT, who commenced work on the project in January 2017. In addition, a number of other posts have been submitted for approval and sanctioning. Following the appropriate approval it is hoped the team will be fully operational and in place in 2017.</p> <p>Planning the key activities for 2017 also took place in 2016. This includes:</p> <ul style="list-style-type: none"> • Engaging with agencies to identify the capacity and competency shortages that currently exist and identify areas in which the MDT can be of assistance • Mapping the domain by identifying leading companies and key industry players by each sector, in addition to the key stakeholders on whose support and collaboration the overall project relies • Establishing the competitive advantages that Ireland has in each industry sector, in effect, making the ‘why Ireland’ case on a sectoral basis that can be fed into marketing material, complementing the material that already exists in other development agencies • Identifying and advancing a feasible development project in each industry sector • Identifying the conferences and fora at which the MDT can deliver its message about opportunities in the marine industry and create a business development programme linked to such events • Creating and publishing a plan for the overall management and delivery of the project over the EMFF funding period

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>Finally, in November 2016, Minister Creed held a high-level meetings of senior representatives of all the agencies of state involved in the delivery of the economic ambitions set out in Ireland's Integrated Marine Plan to emphasise the importance of a collective effort in realising Government's ambitions for the marine industry.</p>
7 - Technical assistance	<p>In 2016, operations carried out under Technical Assistance included the items below. The total expenditure on these operations was €485,807.</p> <ul style="list-style-type: none"> • <u>Information & Publicity</u> <p>Costs were incurred for the purchase of a display stand for the Managing Authority which would be used at events to promote the EMFF OP over its lifetime. Costs were also incurred for printing of EMFF programme documents and for promotional materials and for advertising of schemes by BIM.</p> <ul style="list-style-type: none"> • <u>Training</u> <p>In August 2016 the EMFF MA organised a 1½ day seminar for all bodies involved in the Implementation of the EMFF OP 2014-2020. The event was held in the National Seafood Centre, Clonakilty, Co. Cork. The main topics that were discussed at this seminar included the following:</p> <ul style="list-style-type: none"> • Management & Control System • Audit Trail • EMFF National Eligibility Rules • Anti-Fraud Policy • Reporting & Monitoring Requirements • Public Procurement

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 data-bbox="619 248 1102 282">• Information & Publicity Guidelines <li data-bbox="619 454 1134 488">• <u>EMFF Monitoring Committee costs</u> <li data-bbox="644 555 1410 622">Costs were incurred in relation to catering for 3 Monitoring Committee meetings staged in 2016 <li data-bbox="619 696 970 730">• <u>Contracted EMFF staff</u> <li data-bbox="644 797 1458 976">Costs were incurred in relation to 11 contract staff recruited by BIM and 2 by the Sea Fisheries Protection Authority to implement the EMFF Programme. Costs included recruitment costs, salaries, pension contribution, travel and subsistence and personal equipment (laptop, phone). <li data-bbox="619 1245 815 1279">• <u>Consultancy</u> <li data-bbox="644 1346 1465 1559">Consultancy and related costs were incurred in relation to consultants commissioned by BIM in 2016 to advise on Cost Benefit Analysis for a Decommissioning Scheme (Grant Thornton) and for evaluation of the FLAG scheme under the EFF Programme, Development of 7 FLAG Local Development Strategies, etc. (PACEC).

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
----------------	--

Table 1: Result indicators for the EMFF - 1

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
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	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 (%)	%	-85.00000	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	litres fuel/ tonnes landed catch	-50.00000	0.00000	0.00000
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	0.00000	0.00000
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.3 - Change in net profits	thousand Euros	6.50000	0.00000	0.00000
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.6 - Change in the % of unbalanced fleets	%	-100.00000	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	thousand Euros	23,000.00000	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	tonnes	33,000.00000	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	thousand Euros	6.50000	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	litres fuel/ tonnes landed catch	-50.00000	0.00000	0.00000

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
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	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	FTE	200.00000	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	thousand Euros	23,000.00000	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	tonnes	33,000.00000	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	thousand Euros	6.50000	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	FTE	1,200.00000	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	FTE	2,280.00000	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	number	-4.00000	0.00000	0.00000

Specific objective	Result indicator	2015	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	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
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
2 - Protection and restoration of aquatic biodiversity and ecosystems	1.5 - Change in fuel efficiency of fish capture	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
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.6 - Change in the % of unbalanced fleets	0.00000	0.00000

Specific objective	Result indicator	2015	2014
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
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
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
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
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
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
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
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
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
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
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
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

Specific objective	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches
---------------------------	--

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	2016	2015
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	2.00	2.00	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	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	✓	2.00	1.00	1.00	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		30.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	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
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
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	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	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	0.00

Specific objective	2 - Protection and restoration of aquatic biodiversity and ecosystems
---------------------------	---

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	2016	2015
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	66.00	66.00	0.00

Selected relevant measures	Thematic objective	Output indicator	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	0.00

Specific objective	3 - Ensuring a balance between fishing capacity and available fishing opportunities
---------------------------	---

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	2016	2015
01 - Article 34 Permanent cessation of fishing activities	06	1.5 - N° of projects on permanent cessation	✓	25.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2014
01 - Article 34 Permanent cessation of fishing activities	06	1.5 - N° of projects on permanent cessation	0.00

Specific objective	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions
---------------------------	--

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	2016	2015
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	6.00	6.00	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		15.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2016	2015
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	4.00	4.00	0.00
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	3.00	3.00	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		6.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	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	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	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	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
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	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	0.00

Specific objective	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer
---------------------------	---

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	2016	2015
01 - Article 26 Innovation (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists		10.00	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,		50.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2016	2015
		advisory services and partnerships with scientists					
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		30.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2014
01 - Article 26 Innovation (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists	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	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
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

Specific objective	6 - Development of professional training, new professional skills and lifelong learning
---------------------------	---

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	2016	2015
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	1.00	1.00	0.00

Selected relevant measures	Thematic objective	Output indicator	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	0.00

Union priority	2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture
-----------------------	--

Table 1: Result indicators for the EMFF - 2

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
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	1,156.00000	1,156.00000
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	4,865.00000	4,865.00000
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	1,637.00000	1,637.00000
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	200.00000	200.00000
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	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
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

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
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	59.00000	59.00000
5 - Development of professional training, new professional skills and lifelong learning	2.9 - Employment maintained	FTE	250.00000	118.00000	118.00000

Specific objective	Result indicator	2015	2014
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.1 - Change in volume of aquaculture production	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
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.3 - Change in net profit	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	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	2.2 - Change in value of aquaculture production	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	2.3 - Change in net profit	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
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
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
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
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
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health	2.4 - Change in the volume of production	0.00000	0.00000

Specific objective	Result indicator	2015	2014
and welfare and of public health and safety	organic 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	2.5 - Change in the volume of production recirculation system	0.00000	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.8 - Employment created	0.00000	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.9 - Employment maintained	0.00000	0.00000

Specific objective	1 - Provision of support to strengthen technological development, innovation and knowledge transfer
---------------------------	---

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	2016	2015
01 - Article 47 Innovation	03	2.1 - N° of projects on innovation, advisory services	✓	150.00	2.00	2.00	0.00
02 - Article 49 Management, relief and advisory services for aquaculture farms	03	2.1 - N° of projects on innovation, advisory services	✓	40.00	0.00	0.00	0.00

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

Specific objective	2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs
---------------------------	---

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	2016	2015
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	16.00	16.00	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		65.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2014
01 - Article 48.1.a-d, f-h Productive investments in aquaculture	03	2.2 - N° of projects on productive investments in aquaculture	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

Specific objective	3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture
---------------------------	---

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	2016	2015
----------------------------	--------------------	------------------	---	---------------------	------------------	------	------

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2016	2015
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	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)		25.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	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
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

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	2016	2015
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	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	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	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
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

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	2016	2015
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	2.00	2.00	0.00

Selected relevant measures	Thematic objective	Output indicator	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

Union priority	3 - Fostering the implementation of the CFP
----------------	---

Table 1: Result indicators for the EMFF - 3

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
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	5.00000
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	134.00000	47.00000
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	7.48000	7.25000

Specific objective	Result indicator	2015	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	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	52.00000	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	7.70000	7.50000

Specific objective	1 - Improvement and supply of scientific knowledge and collection and management of data
---------------------------	--

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	2016	2015
01 - Article 77 Data collection	06	3.2 - N° of projects on supporting the collection, management and use of data	✓	2.00	1.00	0.00	0.00

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

Specific objective	2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden
---------------------------	---

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	2016	2015
01 - Article 76 Control and enforcement	06	3.1 - N° of projects on implementing the Union's control, inspections and enforcement system	✓	10.00	1.00	0.00	1.00

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

Union priority	4 - Increasing employment and territorial cohesion
-----------------------	--

Table 1: Result indicators for the EMFF - 4

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
--------------------	------------------	------------------	---------------------	------------------	------

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
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	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)	FTE	10.00000	0.00000	0.00000

Specific objective	Result indicator	2015	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	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

Specific objective	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
---------------------------	--

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	2016	2015
01 - Article 62.1.a Preparatory support	08	4.2 - N° of projects on preparatory support		7.00	7.00	7.00	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	7.00	0.00
03 - Article 64 Cooperation activities	08	4.3 - N° of cooperation projects		7.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2014
01 - Article 62.1.a Preparatory support	08	4.2 - N° of projects on preparatory support	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
03 - Article 64 Cooperation activities	08	4.3 - N° of cooperation projects	0.00

Union priority	5 - Fostering marketing and processing
----------------	--

Table 1: Result indicators for the EMFF - 5

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
1 - Improvement of market organisation for fishery and aquaculture products	5.1.a - Change in value of first sales in POs	thousand Euros	20,000.00000	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	tonnes	30,000.00000	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	thousand Euros	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	tonnes	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	thousand Euros	20,000.00000	0.00000	0.00000

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
2 - Encouragement of investment in the processing and marketing sectors	5.1.b - Change in volume of first sales in POs	tonnes	30,000.00000	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	thousand Euros	0.00000	87,221.00000	87,221.00000
2 - Encouragement of investment in the processing and marketing sectors	5.1.d - Change in volume of first sales in non-POs	tonnes	0.00000	32,250.00000	32,250.00000

Specific objective	Result indicator	2015	2014
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
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
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
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
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
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
2 - Encouragement of investment in the processing and marketing sectors	5.1.c - Change in value of first sales in non-POs	0.00000	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	0.00000

Specific objective	1 - Improvement of market organisation for fishery and aquaculture products
---------------------------	---

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	2016	2015
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	11.00	11.00	0.00
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	✓	7.00	9.00	9.00	0.00

Selected relevant measures	Thematic objective	Output indicator	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	0.00
02 - Article 67 Storage aid	03	5.2 - N° of projects on marketing measures and storage aid	0.00
03 - Article 68 Marketing measures	03	5.2 - N° of projects on marketing measures and storage aid	0.00

Specific objective	2 - Encouragement of investment in the processing and marketing sectors
---------------------------	---

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	2016	2015
01 - Article 69 Processing of fisheries and aquaculture products	03	5.3 - N° of projects on processing	✓	100.00	29.00	29.00	0.00

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

Union priority	6 - Fostering the implementation of the Integrated Maritime Policy
-----------------------	--

Table 1: Result indicators for the EMFF - 6

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
--------------------	------------------	------------------	---------------------	------------------	------

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2016
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 ²	4,135.00000	0.00000	0.00000

Specific objective	Result indicator	2015	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	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

Specific objective	1 - Development and implementation of the Integrated Maritime Policy
---------------------------	--

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	2016	2015
01 - Article 80.1.a Integrating Maritime Surveillance	06	6.1 - N° of projects on integrating maritime surveillance		1.00	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	✓	4.00	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		1.00	0.00	0.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2014
01 - Article 80.1.a Integrating Maritime Surveillance	06	6.1 - N° of projects on integrating maritime surveillance	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
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

Table 3: Financial indicators for EMFF

Union priority	Milestone (2018)	Target value (2023)	Cumulative value	2016	2015
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	24,500,000.00	41,500,000.00	0.00	0.00	0.00
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	5,000,000.00	23,200,000.00	0.00	0.00	0.00
3 - Fostering the implementation of the CFP	40,000,000.00	84,924,200.00	0.00	0.00	0.00
4 - Increasing employment and territorial cohesion	3,750,000.00	10,000,000.00	0.00	0.00	0.00
5 - Fostering marketing and processing	10,500,000.00	32,000,000.00	0.00	0.00	0.00
6 - Fostering the implementation of the Integrated Maritime Policy	2,000,000.00	5,500,000.00	0.00	0.00	0.00
7 - Technical assistance			0.00	0.00	0.00

Union priority	2014
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	0.00
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	0.00
3 - Fostering the implementation of the CFP	0.00
4 - Increasing employment and territorial cohesion	0.00
5 - Fostering marketing and processing	0.00
6 - Fostering the implementation of the Integrated Maritime Policy	0.00
7 - Technical assistance	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	1,500,000.00	750,000.00	0.00	50.00%	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)	11,000,000.00	5,500,000.00	2,200,000.00	50.00%	420,000.00	420,000.00	3.82%
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)	1,000,000.00	500,000.00	200,000.00	50.00%	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	04 - Article 40.1.a Protection and restoration of marine biodiversity – collection of lost fishing gear and marine litter	500,000.00	250,000.00	0.00	50.00%	143,000.00	143,000.00	28.60%
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	5,500,000.00	2,750,000.00	0.00	50.00%	0.00	0.00	0.00%
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	11,000,000.00	5,500,000.00	2,200,000.00	50.00%	958,584.00	898,382.80	8.17%

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			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	01 - Article 34 Permanent cessation of fishing activities	16,500,000.00	8,250,000.00	8,250,000.00	50.00%	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	01 - Article 27 Advisory services (+ art. 44.3 Inland fishing)	500,000.00	250,000.00	0.00	50.00%	1,887,008.00	1,887,008.00	377.40%
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%	227,000.00	56,750.00	5.68%
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)	500,000.00	250,000.00	0.00	50.00%	22,532.00	13,522.00	2.70%
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	1,000,000.00	500,000.00	200,000.00	50.00%	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)	4,000,000.00	2,000,000.00	0.00	50.00%	652,030.00	275,654.00	6.89%

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	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)	500,000.00	250,000.00	100,000.00	50.00%	0.00	0.00	0.00%
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)	4,000,000.00	2,000,000.00		50.00%	0.00	0.00	0.00%
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	02 - Article 28 Partnerships between fishermen and scientists (+ art. 44.3 Inland fishing)	500,000.00	250,000.00		50.00%	0.00	0.00	0.00%
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)	500,000.00	250,000.00	250,000.00	50.00%	0.00	0.00	0.00%
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	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)	2,500,000.00	1,250,000.00	1,250,000.00	50.00%	0.00	0.00	0.00%
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%	350,000.00	350,000.00	7.00%
2 - Fostering environmentally sustainable, resource efficient, innovative, and competitive	1 - Provision of support to strengthen technological development, innovation and knowledge transfer	03	01 - Article 47 Innovation	4,200,000.00	2,100,000.00		50.00%	1,845,078.00	1,568,971.50	37.36%

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 (%)
knowledge based aquaculture										
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	2,000,000.00	1,000,000.00		50.00%	0.00	0.00	0.00%
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	16,500,000.00	8,250,000.00		50.00%	2,560,831.67	967,053.49	5.86%
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	1,000,000.00	500,000.00	0.00	50.00%	0.00	0.00	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	1,000,000.00	500,000.00	200,000.00	50.00%	0.00	0.00	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	04 - Article 53 Conversion to eco-management and audit schemes and organic aquaculture	1,000,000.00	500,000.00		50.00%	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	02 - Article 55 Public health measures	2,000,000.00	1,000,000.00	0.00	50.00%	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	03	03 - Article 56 Animal health and welfare measures	500,000.00	250,000.00	0.00	50.00%	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 (%)
sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	protection, and the promotion of animal health and welfare and of public health and safety									
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	1,600,000.00	800,000.00		50.00%	9,536.37	4,768.18	0.30%
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%	18,864,659.00	18,864,659.00	46.35%
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%	13,000,000.00	13,000,000.00	29.39%
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	400,000.00	200,000.00	0.00	50.00%	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 diversification of activities within fisheries and into other sectors of maritime economy	08	02 - Article 63 Implementation of local development strategies (incl. running costs and animation)	11,500,000.00	5,750,000.00	2,300,000.00	50.00%	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	08	03 - Article 64 Cooperation activities	100,000.00	50,000.00		50.00%	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 (%)
	aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy									
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%	1,535,670.00	624,623.00	20.82%
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	5,000,000.00	2,500,000.00		50.00%	1,378,117.00	1,082,283.50	21.65%
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	24,000,000.00	12,000,000.00		50.00%	21,612,917.39	5,168,372.65	21.53%
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	2,667,336.00	1,333,668.00		50.00%	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	2,667,336.00	1,333,668.00	533,467.20	50.00%	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	03 - Article 80.1.c Improving the knowledge on the state of the marine environment	5,334,672.00	2,667,336.00	1,066,934.40	50.00%	0.00	0.00	0.00%
7 - Technical assistance	1 - Technical assistance		01 - Article 78 Technical assistance at the initiative of the Member States	1,590,000.00	795,000.00	0.00	50.00%	485,807.00	485,807.00	30.55%
Total				239,265,133.00	147,601,979.00	18,750,401.60	61.69%	65,952,770.43	45,810,855.12	19.15%

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 he 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	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

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 he total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
fisheries									
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)	84,000.00	238,865.82	238,865.82	2.17	47,773.16	2
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)	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	04 - Article 40.1.a Protection and restoration of marine biodiversity – collection of lost fishing gear and marine litter	0.00	113,051.13	113,051.13	22.61	0.00	1
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	0.00	0.00	0.00	0.00	0
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 ecosystem services (+ art. 44.6 Inland fishing)	179,676.56	719,131.95	625,173.40	5.68	125,034.68	72
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and	3 - Ensuring a balance between fishing capacity and available fishing opportunities	06	01 - Article 34 Permanent cessation of fishing activities	0.00	0.00	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
knowledge based 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	01 - Article 27 Advisory services (+ art. 44.3 Inland fishing)	0.00	129,214.18	129,214.18	25.84	0.00	6
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	0.00	0.00	0.00	0.00	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	04 - Article 32 Health and safety (+ art. 44.1.b Inland fishing)	0.00	22,407.00	13,447.00	2.69	0.00	5
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	14,000.00	8,400.00	0.21	0.00	21
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)	0.00	0.00	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
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)		0.00	0.00	0.00		0
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)		0.00	0.00	0.00		0
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)	0.00	0.00	0.00	0.00	0.00	0
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)	0.00	0.00	0.00	0.00	0.00	0
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)		258,984.21	258,984.21	5.18		2
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		940,326.16	928,124.66	22.10		6
2 - Fostering environmentally sustainable, resource	1 - Provision of support to strengthen technological development, innovation and knowledge transfer	03	02 - Article 49 Management, relief and advisory services for aquaculture farms		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
efficient, innovative, competitive and knowledge based aquaculture									
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		2,191,422.09	802,565.67	4.86		18
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	0.00	0
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	0.00	0.00	0.00	0.00	0.00	0
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
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	0.00	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 he total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
aquaculture									
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		9,116.96	4,558.48	0.28		2
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		18,864,659.00	18,864,659.00	46.35		1
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	2,928,687.74	2,928,687.74	6.62	0.00	1
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	7
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	02 - Article 63 Implementation of local development strategies (incl. running costs and animation)	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 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

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
5 - Fostering marketing and processing	1 - Improvement of market organisation for fishery and aquaculture products	03	01 - Article 66 Production and marketing plans		1,531,038.19	609,669.00	20.32		11
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		1,207,860.73	1,020,430.37	20.41		8
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		10,061,945.82	3,328,760.43	13.87		41
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	0.00	0.00	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	03 - Article 80.1.c Improving the knowledge on the state of the marine environment	0.00	0.00	0.00	0.00	0.00	0
7 - Technical assistance	1 - Technical assistance		01 - Article 78 Technical assistance at the initiative of the Member States	0.00	485,807.00	485,807.00	30.55	0.00	3
Total				263,676.56	39,716,517.98	30,360,398.09	12.69	172,807.84	208

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	616,837.00	3.57%
6 - Fostering the implementation of the Integrated Maritime Policy		
7 - Technical assistance		
TOTAL OP	616,837.00	0.42%

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>A points system for licence holders was originally implemented by way of secondary legislation in 2014. However, this legislation was challenged in two separate cases in the High Court, with the Court finding against the State. The State has appealed the judgements to the Supreme Court and a hearing date is awaited.</p> <p>Following the advice of the State's legal advisors, a new amended legal instrument to implement the points system for licence holders was put in place which took on board, issues of concern in relation to procedures and process which had been highlighted in the High Court cases.</p> <p>This amended legal instrument, the European Union (Common Fisheries Policy)(Point System) Regulations 2016, came into effect on 1st March 2016. The provision in the Regulations have yet to be put into operation and, accordingly, no points have been assigned to date under these 2016 Regulations.</p> <p>In addition, the Attorney General advises to introduce primary legislation to give a sound legal basis to a scheme that implements the points system for licence holders. Further legal advice has been sought from the Attorney General's Office in relation to the points system for sea-fishing boat licence holders.</p> <p>This primary legislation will provide the legislative basis for the separate points system for masters of fishing vessels and the work on drafting the primary legislation is well advanced within the Department.</p> <p>As soon as the additional legal advice in relation to the licence holders is available, it is planned that the Government will review and decide on proposals for an appropriate legal framework and how to take forward the proposed legislation through the Oireachtas (Parliament). As early as possible thereafter the draft of the legislation will be submitted to the Oireachtas Joint Committee on Agriculture, Food and the Marine for consideration in the context of pre-legislative scrutiny.</p>
4	6 - A description of the administrative capacity to apply	Step 2: Process legislation through the Legislative process (Dail and Seanad)	30-Jun-2016	Department of Agriculture,	No	No		As Above

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
	the point system for serious infringements, as provided for in Article 92 of Regulation (EC) No 1224/2009	Outcome: Passing of the Bill		Food & the Marine.				
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 3: Legislation to implement a 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	30-Jun-2016	Department of Agriculture, Food & the Marine.	No	No		As Above
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		As Above
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		As Above

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

In 2016, intermediate body Bord Iascaigh Mhara made the case to the Managing Authority that its staff resources were insufficient to effectively deliver the Operational Programme. BIM identified 12 technical specialist roles that required to be filled. On 21 April 2016, the Managing Authority accepted the BIM case and approved the funding through Technical Assistance of 11 identified posts, with the costs to BIM of the twelfth position to be compensated by the Marine Institute through the EMFF Data Collection Scheme. Similarly, the Managing Authority recognised that the project management resources available to the Sea-Fisheries Protection Authority were likely to be an impediment to effective delivery of the investments envisaged in the area of control and enforcement. This was likely to have been a factor in the under-utilisation of the available budget by the SFPA in 2016. The Managing Authority approved the funding to SFPA through Technical Assistance of a Project Coordinator and Finance Assistant and additional contracted project management support services.

In 2016, there was a significant under spend of available EMFF funds. From the €23.7 million available through BIM under schemes for fisheries, aquaculture and processing, only €10 million approximately was committed through grant offers, while only €6m approximately was drawn down by applicants. Some of the main reasons for the under spend include the Decommissioning Scheme not proceeding as planned because of concerns raised in the Cost Benefit Analysis, approved projects not proceeding for various business reasons, continued muted demand for capital grants in the aquaculture sector and lower than anticipated interest in investments to facilitate the landing obligation. The Managing Authority and BIM will be implementing a number of changes to scheme administration and scheme terms and conditions, together with some new schemes, to enhance take-up of funds in 2017 and beyond.

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).

There were no serious infringements recorded in 2016.

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)

No engine replacement projects under article 41 were funded in 2016, so the requirement for SSCF funding priority did not arise.

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

Launch of the EMFF OP 2014-2020

On January 14, 2014 the Minister for Agriculture Food and the Marine, Simon Coveney TD, launched eight schemes to commence implementation of Ireland's new €240 million EMFF Seafood Development Programme for the period up to 2020 and beyond, co-funded by the Exchequer and European Maritime and Fisheries Fund. This announcement followed approval of the Programme in December by Government and the European Commission.

Announcing the launch of the Programme at the Government Press Centre in Dublin, Minister Coveney said *"This new Operational Programme more than doubles the amount of development funding for our seafood sector and will be the source of development funding for Ireland's seafood sector for at least the next 6 years to 2021. It will be the tool to implement the new Common Fisheries Policy, to deliver on FoodWise 2025 for the seafood sector and to deliver the National Strategic Plan for Sustainable Aquaculture Development."*

Minister Coveney launched the first suite of eight schemes to implement the new Programme, saying *"I am delighted to announce today an integrated range of new schemes to drive the development of the fisheries, aquaculture and seafood processing sectors over the next 6 years. "*

Promotion of the EMFF OP 2014-2020.

In 2016 the EMFF Managing Authority attended two events to promote the opportunities available and provide information on the EMFF OP 2014-2020. This promotion involved the development of a new display stand which will be used to promote the EMFF OP at other events during the lifetime of the EMFF OP.

1. Seafest - July 2016

The Annual SeaFest event showcases 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 (HOOW) and its goal of increasing participation and engagement with the sea. The EMFF Managing Authority operated an information stand which promoted the EMFF OP 2014-2020 and provided information to interested parties.

2. 3rd Atlantic Stakeholder Conference - Sept 2016

The annual Atlantic Stakeholder Conference is the central hub for stakeholders of the Atlantic Strategy to make valuable contacts and explore areas for cooperation, share information and good practices, promote and identify interesting project ideas as well as funding opportunities and

partnerships for their projects. The EMFF Managing Authority operated an information stand which promoted the EMFF OP 2014-2020 and provided information to interested parties.

EU Flag

The EU Flag is prominently displayed at the premises of the EMFF OP Managing Authority at the National Seafood Centre, Clonakilty, Co. Cork

EMFF Website/Portal.

In 2016 the EMFF Managing Authority developed an EMFF Specific section of the DAFM website which provides information on the EMFF OP 2014-2020. This section can be found at the following link:

<http://www.agriculture.gov.ie/emff/>

Information included in this section includes:

- EMFF Schemes
- Implementing Bodies
- Programme Implementation
- Monitoring Committee
- Programme Development

A list of beneficiaries supported under the EMFF OP 2014-2020 can be found at the following link:

<http://www.agriculture.gov.ie/emff/programmeimplementation/>

As the EMFF OP 2014-2020 is being implemented during its lifetime further information will be inserted into the EMFF Section to include:

- A section dedicated to innovation and eco-innovation
- Promotion of measures to ensure compliance with CFP Rules.

Information & Publicity actions carried out by Bord Iascaigh Mhara (BIM)

As an intermediate body BIM have been designated tasks by the EMFF Managing Authority to ensure that the operational programme's objectives and funding opportunities offered by the EMFF are disseminated widely to potential beneficiaries and all interested parties. The relevant information on potential funding available under the EMFF OP 2014-2020 can be accessed through the following link:

<http://www.bim.ie/schemes/>

In 2016 BIM carried out the following information and publicity activities

National Seafood Conference 'Global Insights, Irish Opportunity' in Association with Seafest 2016 - June 2016

To highlighting the business potential of seafood, BIM organised a high level National Seafood Conference 'Global Insights, Irish Opportunity' in the Radisson Hotel on the 30th June 2016. The overall tone for the event was one of greater inclusiveness and a collective determination to realise the full potential of Irish seafood. In excess of 300 delegates from fishing, processing and retail sectors attended the conference.

BIM Launch Fishing for Litter Programme - November 2016

BIM, the Seafood Development Agency, launched the BIM Fishing for Litter programme, funded under the European Maritime and Fisheries Fund (EMFF), in Ros a Mhíl fishing port in Galway in November 2016. Ros a Mhíl is the key fishing port on the West coast landing 3,637 tonnes of seafood, predominantly shellfish, worth €12 million to the Irish economy. The BIM Fishing for Litter programme is proving to be a great success with 34 vessels participating in Union Hall, Castletownbere, Ros a Mhíl and Clogherhead fishing ports with Killybegs port also coming on board.

This simple but imaginative initiative originally developed by KIMO, a Local Authorities International Environmental Organisation that now has 75 member authorities, enables fishermen to collect marine litter in heavy duty Fishing for Litter bags that can be brought ashore for appropriate disposal and recycling.

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.

As almost all schemes under the Programmes only commenced in 2016, no evaluations were conducted in 2016 as there would have been insufficient or no data.

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
<p>1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries</p>	<p><u>1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches</u></p> <p>Implementations to date of measures to promote this specific objective were mainly focused on the following:</p> <ul style="list-style-type: none"> • Development of a cetacean friendly device to reduce seal-fisheries interactions • Improved gear selectivity to address the landing obligation • Fishing for Litter Programme & Waste Management • Assessment of the impacts of winter potting and oyster dredging on summer seagrass habitats; • Assessment of the impacts of hydraulic dredging on sedimentary habitat in shallow sub-tidal waters of the north Irish Sea and the species catch composition in the inshore potting fleets. • Deployment of Vessel Monitoring Systems (iVMS) on inshore fishing vessels using dredges in the Irish Sea to monitor fishing activities surrounding closed areas to protect sensitive habitats. <p>As almost all these operations only commenced in 2016 there is insufficient or no data to show the impact that these projects may have had in achieving the Result Indicator targets indicated in the EMFF OP 2014-2020. Progress is equal to expectations on this basis.</p>

Union priority	Assessment of data and progress towards achieving the objectives of the programme
	<p data-bbox="683 192 1465 259"><u>2 - Protection and restoration of aquatic biodiversity and ecosystems</u></p> <p data-bbox="683 331 1465 398">Implementations to date of measures to promote this specific objective were mainly focused on the following:</p> <ul data-bbox="655 472 1433 607" style="list-style-type: none"> <li data-bbox="655 472 1050 506">• Lobster V-Notching Scheme <li data-bbox="655 573 1433 607">• Assessment of Fisheries and Aquaculture in Natura Areas. <p data-bbox="683 674 1528 853">As almost all these operations only commenced in 2016, there is insufficient or no data to show the impact that these projects may have had in achieving the Result Indicator targets indicated in the EMFF OP 2014-2020. Progress is equal to expectations on this basis.</p> <p data-bbox="683 1021 1528 1088"><u>3 - Ensuring a balance between fishing capacity and available fishing opportunities</u></p> <p data-bbox="683 1160 1517 1339">There were no measures implemented to date to promote this specific objective and therefore no data to support the related result indicator targets. The proposed Decommissioning Scheme did not proceed as planned in 2016, as the Cost Benefit Analysis concluded that a scheme was not recommended.</p> <p data-bbox="683 1507 1469 1619"><u>4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions</u></p> <p data-bbox="683 1682 1465 1749">Implementations to date of measures to promote this specific objective were mainly focused on the following:</p> <ul data-bbox="655 1821 1501 2022" style="list-style-type: none"> <li data-bbox="655 1821 1433 1888">• Development, Accreditation, Management & Certification Standards <li data-bbox="655 1955 1501 2022">• Provision of mentoring services in support of BIM Responsibly Sourced Standards

Union priority	Assessment of data and progress towards achieving the objectives of the programme
	<ul style="list-style-type: none"> • Change Management • Communication strategy & support plan for BIMs Responsibly Sourced Standard and Origin Green • Fisheries Management Chart and Smart Phone App. • Provision of Fisheries, Aquaculture and Marine Environment Information Services • Personal protection & Fish Handling Equipment <p>As almost all these operations only commenced in 2016, there is insufficient or no data to show the impact that these projects may have had in achieving the Result Indicator targets indicated in the EMFF OP 2014-2020. Progress is equal to expectations on this basis.</p> <p><u>5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer</u></p> <p>There were no measures implemented to date to promote this specific objective and therefore no data to support the related result indicator targets. Progress is as equal to expectations on this basis.</p> <p><u>6 - Development of professional training, new professional skills and lifelong learning.</u></p> <p>Implementations to date in measures to promote this specific objective were mainly focused on the following:</p> <ul style="list-style-type: none"> • Socio Economic Analysis of the Seafood Sector • Provision of a comprehensive public & stakeholder educational experience in fisheries and aquaculture <p>As almost all these operations only commenced in 2016, there is</p>

Union priority	Assessment of data and progress towards achieving the objectives of the programme
	insufficient or no data to show the impact that these projects may have had in achieving the Result Indicator targets indicated in the EMFF OP 2014-2020. Progress is as equal to expectations on this basis.
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	<p><u>1 - Provision of support to strengthen technological development, innovation and knowledge transfer</u></p> <p>Implementations to date of measures to promote this specific objective were mainly focused on the following:</p> <ul style="list-style-type: none"> • Verifying the feasibility of commercial aquaculture on cutaway peat lands. • Development of novel aquaculture techniques for <i>Ostrea edulis</i> from spat production through to market. (Phase I) • Asia Oyster Group Noro Virus Project • Modelling study to determine the maximum kinetic force on the surface components of an offshore seed collection farm during an extreme storm event. • Feasibility study on the transplanting of naturally collected rope seed mussels to a bottom culture site for ongrowing and sale. <p>As almost all these operations only commenced in 2016, there is insufficient or no data to show the impact that these projects may have had in achieving the Result Indicator targets indicated in the EMFF OP 2014-2020.</p> <p><u>2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs</u></p> <p>Implementations to date of measures to promote this specific objective were mainly focused on the following:</p>

Union priority	Assessment of data and progress towards achieving the objectives of the programme
	<ul style="list-style-type: none"> • Development or expansion of oyster farms • Organic Certification • Upgrade of rope mussel production system to New Zealand continuous longline • Sea lice removal system • Increase capacity of oyster farm <p>As a result of implementation in these types of projects and based on the estimate targets set by the beneficiaries as part of the application process, there is good progress towards achieving Result indicator targets set out in the EMFF OP 2014-2020. At the end of 2016, the following progress in relation to Result Indicator targets has been recorded.</p> <ul style="list-style-type: none"> • RI 2.1 - Change in volume of aquaculture production (Tonnes) - (+1,156) which amounts to approximately 2.56% of the target (45,000). Due to the fact that implementation only begun in the middle of 2016 the progress is equal to expectations. • RI 2.2 - Change in value of aquaculture production ('000 Euros) - (+4,865) which amounts to approximately 4.34% of the target (112,000). Due to the fact that implementation only begun in the middle of 2016 the progress is equal to expectations. • RI 2.3 - Change in net profit ('000 Euros) - (+1,637) which amounts to approximately 3.42% of the target (47,800). Due to the fact that implementation only begun in the middle of 2016 the progress is equal to expectations. • RI 2.8 – Employment Created (FTE) – (+59) which amounts to approximately 13.11% of the target (450). Due to the fact that implementation only begun in the middle of 2016 the progress is equal to expectations. • RI 2.9 – Employment Maintained (FTE) – (+118) which amounts to approximately 47.20% of the target (250). Due to the fact that implementation only begun in the middle of 2016 the progress is equal to expectations.

Union priority	Assessment of data and progress towards achieving the objectives of the programme
	<p><u>3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture</u></p> <p>There were no measures implemented to date to promote this specific objective and therefore no data to support the related result indicator targets.</p> <p><u>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</u></p> <p>There were no measures implemented to date to promote this specific objective and therefore no data to support the related result indicator targets.</p> <p><u>5 - Development of professional training, new professional skills and lifelong learning.</u></p> <p>Implementations to date of measures to promote this specific objective were mainly focused on the following:</p> <ul style="list-style-type: none"> • Workshop and training for Irish shellfish hatcheries on oyster genetics and ploidy manipulation. • Networking trip <p>As almost all these operations only commenced in 2016, there is insufficient or no data to show the impact that these projects may have had in achieving the Result Indicator targets indicated in the EMFF OP 2014-2020. Progress is as equal to expectations on this basis.</p>
3 - Fostering the implementation of the CFP	<p><u>1 - Improvement and supply of scientific knowledge and collection and management of data</u></p> <p>Implementations to date of measures to promote this specific objective</p>

Union priority	Assessment of data and progress towards achieving the objectives of the programme
	<p>were mainly focused on the following:</p> <ul style="list-style-type: none"> • Data Collection Framework Programme 2014-2016 <p>As a result of implementation in DCF 2014-2016 Work Programme and based on the information provided, there is good progress towards achieving Result indicator targets set out in the EMFF OP 2014-2020. At the end of 2016 the following progress in relation to Result Indicator targets has been recorded.</p> <ul style="list-style-type: none"> • <u>RI 3.B.1</u> - Increase in the fulfilment of data calls - To date the Marine Agency has responded to 100% of data calls, which is an increase of 5% on the baseline set out in the EMFF OP 2014-2020. <p><u>2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden</u></p> <p>Implementations to date of measures to promote this specific objective were mainly focused on the following:</p> <ul style="list-style-type: none"> • Integrated Fisheries Information System Development <p>As a result of implementation in Control & Enforcement and based on the information provided there is satisfactory progress towards achieving Result indicator targets set out in the EMFF OP 2014-2020. At the end of 2016, the following progress in relation to Result Indicator targets has been recorded.</p> <ul style="list-style-type: none"> • <u>RI 3.A.1</u> - Number of serious infringements detected - (+134) which amounts to approximately 13.4% of the target (1,000). Due to the fact that implementation only begun in 2015 progress towards the target has progressed satisfactorily. • <u>RI 3.A.2</u> - Landing that have been the subject to physical control - (7.48%) which amounts to approximately 44.0% of the target (17%). Due to the fact that implementation only begun in 2016 and there is further scope for investment as the OP has progressed satisfactorily.

Union priority	Assessment of data and progress towards achieving the objectives of the programme
4 - Increasing employment and territorial cohesion	<p><u>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.</u></p> <p>There were no measures implemented to date to promote this specific objective and therefore no data to support the related result indicator targets. Progress is as equal to expectations on this basis.</p>
5 - Fostering marketing and processing	<p><u>1 - Improvement of market organisation for fishery and aquaculture products</u></p> <p>Implementations to date of measures to promote this specific objective were mainly focused on the following:</p> <ul style="list-style-type: none"> • Seafood promotion through participation in Trade Fairs • Investment in route to market structures through cooperative joint venture projects, particularly in Asia. • Support to Producer Organisation Production and Marketing Plans. <p>As a result of implementation in these types of projects and based on the estimate targets set by the beneficiaries as part of the application process there is good progress towards achieving Result indicator targets set out in the EMFF OP 2014-2020. The figures presented are early estimates and will be validated by the intermediate body after 2 years following closure. At the end of 2016 the following progress in relation to Result Indicator targets has been recorded.</p> <ul style="list-style-type: none"> • <u>RI 5.1.c</u> - Change in value of first sales in non-POs ('000 euros) -

Union priority	Assessment of data and progress towards achieving the objectives of the programme
	<p>(+87,221) which far exceeds the initial target and will have to be reviewed as part of a modification process. Initial target were based on PO and not processors which form the majority of funding in UP 5.</p> <ul style="list-style-type: none"> • RI 5.1.d - Change in volume of first sales in non-POs (Tonnes) - (+32,250) which far exceeds the initial target and will have to be reviewed as part of a modification process. Initial target were based on PO and not processors which form the majority of funding in UP 5. <p><u>2 - Encouragement of investment in the processing and marketing sectors</u></p> <p>Implementations to date in measures to promote this specific objective were mainly focused on the following:</p> <ul style="list-style-type: none"> • Capital investment in added value processing facilities and equipment • Innovation, Product Development & Business Planning for Global Markets • Pilot Production - Product processes & quality of products being produced <p>As almost all these operations only commenced in 2016, there is insufficient or no data to show the impact that these projects may have had in achieving the Result Indicator targets indicated in the EMFF OP 2014-2020. Progress is equal to expectations on this basis.</p>
6 - Fostering the implementation of the Integrated Maritime Policy	<p><u>1 - Development and implementation of the Integrated Maritime Policy</u></p> <p>There were no measures implemented to date to promote this specific objective and therefore no data to support the related result indicator targets. Progress is as equal to expectations on this basis.</p>

Union priority	Assessment of data and progress towards achieving the objectives of the programme
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	<p>Almost all operations only commenced in 2016 and completed claims have been submitted to Managing Authority only and have not been entered into the Certifying Authority accounts system. Therefore all financial data provided is on the basis of claims submitted by beneficiary to MA but not yet certified.</p> <p><u>Financial Indicator (Milestone 2018 - €24,500,000)</u></p> <p>To date, €1,387,135 has been submitted by beneficiaries to the Managing Authority. This represents approximately 5.66% of the milestone described in the Performance framework. This progress is lower than anticipated. Issues identified include the proposed Decommissioning Scheme not proceeding as planned in 2016, which may impact on Ireland achieving this milestone by end of 2018.</p> <p><u>Output Indicator Milestones</u></p> <p><u>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 (Milestone 2018 - 25)</u></p> <p>To date 2 projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species have been completed up to the end of 2016. This equates to 8% of the milestone for 2018. On the basis of implementation of all schemes beginning in the second half of 2016, progress to date is low but can be expected to improve significantly in 2017.</p> <p><u>1.5 - N° of projects on permanent cessation - (Milestone 2018 - 25)</u></p> <p>No projects on permanent cessation were completed in 2016, as the Cost Benefit Analysis recommended against implementation of the proposed Decommissioning Scheme. This target will not be achieved</p>

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p>and will require a Programme modification.</p> <p><u><i>1.6 - N° of projects on protection and restoration of marine biodiversity, ecosystems (Milestone 2018 - 18)</i></u></p> <p>To date 64 projects have been completed on protection and restoration of marine biodiversity, ecosystems. This exceeds the milestone target of 18 as set out in the EMFF OP. Progress is more than expected and may lead to a review of the target and Programme modification.</p> <p><u>Financial Indicator Target 2023 (Target - €41,500,000)</u></p> <p>To date, €1,387,135 has been submitted by beneficiaries to Managing Authority. This represents approximately 3.34% of the milestone described in the Performance framework. This progress is lower than anticipated. Issues identified include the proposed Decommissioning Scheme not proceeding as planned in 2016. A Programme modification may be required to re-allocate funds to other measures in order to achieve this target by end of 2023.</p> <p><u>Output Indicator Targets 2023</u></p> <p><u><i>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 (Target 2023- 150)</i></u></p> <p>To date 2 projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species have been completed up to the end of 2016. This equates to 1.33% of the target for 2023. On the basis of implementation of all schemes beginning in the second half of 2016, progress to date is low but can be expected to improve significantly in 2017.</p> <p><u><i>1.5 - N° of projects on permanent cessation - (Target 2023 - 25)</i></u></p> <p>No projects on permanent cessation were completed in 2016, as the Cost Benefit Analysis recommended against implementation of the proposed Decommissioning Scheme. This target will not be achieved and will require a Programme modification.</p> <p><u><i>1.6 - N° of projects on protection and restoration of marine</i></u></p>

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p><u><i>biodiversity, ecosystems (Target 2023 - 52)</i></u></p> <p>To date 64 projects have been completed on protection and restoration of marine biodiversity, ecosystems. This exceeds the milestone target of 52 as set out in the EMFF OP document. Progress is more than expected and may lead to a review of the target and Programme modification.</p>
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	<p>Almost all operations only commenced in 2016 and completed claims have been submitted to the Managing Authority only and have not been entered into the Certifying Authority accounts system. Therefore all financial data provided is on the basis of claims submitted by beneficiary to MA but not yet certified.</p> <p><u><i>Financial Indicator (Milestone 2018 - €5,000,000)</i></u></p> <p>To date approximately €1.735 million of public expenditure has been submitted by beneficiaries to the Managing Authority. This represents approximately 34.7% of the milestone described in the Performance framework. This is satisfactory progress and no corrective actions are envisaged to achieve this milestone.</p> <p><u>Output Indicator Milestones 2018</u></p> <p><u><i>2.1 - N° of projects on innovation, advisory services (Milestone 2018 - 50)</i></u></p> <p>To date 3 projects on innovation, advisory services have been completed up to the end of 2016. This equates to 6% of the milestone for 2018. Progress to date is low. While progress can be expected over 2017 and 2018, this target seems an over-estimate with regard to demand.</p> <p><u><i>2.2 - N° of projects on productive investments in aquaculture (Milestone 2018 - 25)</i></u></p> <p>To date 16 projects on productive investments in aquaculture have been completed up to end of 2016. This equates to 64% of the milestone for 2018. Progress is better than expected. The target is</p>

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p>likely to be exceeded in 2017 and so may need to be reviewed.</p> <p><u>Financial Indicator 2023 (Target - €23,200,000)</u></p> <p>To date, €1.735 million has been submitted by beneficiaries to the Managing Authority. This represents approximately 7.47% of the target for 2023 described in the Performance framework. This is modest progress. However, the target set exceeds the financial allocation to the Scheme, and so a Programme modification may be required unless demand strengthens and additional budgetary resources are made available. This will be kept under review.</p> <p><u>Output Indicator Targets 2023</u></p> <p><u>2.1 - N° of projects on innovation, advisory services (Target 2023-190)</u></p> <p>To date 3 projects on innovation, advisory services have been completed up to the end of 2016. This equates to 1.5% of the target for 2023. While progress can be expected in future years, this target seems a gross over-estimate with regard to demand and a programme modification is likely to be required.</p> <p><u>2.2 - N° of projects on productive investments in aquaculture (Target 2023- 110)</u></p> <p>To date 16 projects on productive investments in aquaculture have been completed up to end of 2016. This equates to 14.5% of the target for 2023. Progress towards the 2023 target is good, but will be kept under review.</p>
3 - Fostering the implementation of the CFP	All claims have been submitted to the Managing Authority only and have not been entered into the Certifying Authority accounts system. Therefore all financial data provided is on the basis of claims submitted by beneficiary to MA but not yet certified.

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p><u>Financial Indicator (Milestone 2018 - €40,000,000)</u></p> <p>To date approximately €21.793 million of public expenditure has been submitted by beneficiaries to the Managing Authority. This represents approximately 54.48% of the milestone described in the Performance framework. This is satisfactory progress and no corrective actions are envisaged to achieve this milestone.</p> <p><u>Output Indicator Milestones 2018</u></p> <p><u>3.1 - N° of projects on implementing the Union's control, inspections and enforcement system (Milestone 2018 - 1)</u></p> <p>No project on implementing the Union's control, inspections and enforcement system has been completed up to the end of 2016. Projects ongoing and envisaged are multi-annual in nature. Further projects are to be approved in 2017, which can be expected to facilitate achievement of the targets set out in the Performance framework.</p> <p><u>3.2 - N° of projects on supporting the collection, management and use of data (Milestone 2018 - 1)</u></p> <p>To date 1 project on supporting the collection, management and use of data has been completed. This equates to 100% of the milestone for 2018. Progress is as expected.</p> <p><u>Financial Indicator 2023 (Target - €84,924,200)</u></p> <p>To date, €21.793 million has been submitted by beneficiaries to the Managing Authority. This represents approximately 25.66% of the target for 2023 described in the Performance framework. This is very good progress and no corrective actions are foreseen.</p> <p><u>Output Indicator Targets 2023</u></p> <p><u>3.1 - N° of projects on implementing the Union's control, inspections and enforcement system (Target 2023- 10)</u></p> <p>No project on implementing the Union's control, inspections and enforcement system has been completed up to the end of 2016. Projects ongoing and envisaged are multi-annual in nature. Further projects are to be approved in 2017, which can be expected to facilitate</p>

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p>achievement of the targets set out in the Performance framework.</p> <p>The Managing Authority recognised that the project management resources available to the Sea-Fisheries Protection Authority to implement Unions Control, inspections and enforcement were likely to be an impediment to effective delivery of the investments envisaged in the area of control and enforcement. This was likely to have been a factor in the under-utilisation of the available budget by the SFPA in 2016. The Managing Authority approved the funding to SFPA through Technical Assistance of a Project Coordinator and Finance Assistant and additional contracted project management support services to ensure that targets set out in the EMFF OP 2014-2020 would be achieved.</p> <p><u>2.2 - N° of projects on supporting the collection, management and use of data (Target 2023- 2)</u></p> <p>To date 1 project on supporting the collection, management and use of data has been completed up to end of 2016. This equates to 50% of the target for 2023. Progress is as expected. No corrective actions are envisaged.</p>
4 - Increasing employment and territorial cohesion	<p>As FLAG strategies were adopted in October 2016, and consequently no aid was provided by FLAGs in 2016, there was no expenditure and no operations in 2016.</p> <p><u>Financial Indicator (Milestone 2018 - €3,750,000)</u></p> <p>No expenditure and no operations in 2016. The Managing Authority is confident that the financial indicator for 2018 will be achieved, on the basis of over-subscription to calls for applications in early 2017.</p> <p><u>Output Indicator Milestones 2018</u></p>

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p><u>4.1 - N° of local development strategies selected (Milestone 2018 - 7)</u></p> <p>To date 7 local development strategies have been selected. This represents 100% of the milestone for 2018. This is as expected.</p> <p><u>Financial Indicator 2023 (Target - €10,000,000)</u></p> <p>No expenditure and no operations in 2016. The Managing Authority is optimistic that the financial target for 2023 will be achieved, on the basis of indications of strong demand. The budget available to the Scheme is €12 million. No corrective actions are envisaged.</p> <p><u>Output Indicator Target 2023</u></p> <p><u>4.1 - N° of local development strategies selected (Target - 7)</u></p> <p>To date 7 local development strategies have been selected. This represents 100% of the target for 2023.</p>
5 - Fostering marketing and processing	<p>All operations only commenced in 2016 and claims have been submitted to the Managing Authority only and have not been entered into the Certifying Authority accounts system. Therefore all financial data provided is on the basis of claims submitted by beneficiary to MA but not yet certified.</p> <p><u>Financial Indicator (Milestone 2018 - €10,500,000)</u></p> <p>To date approximately €4.958 million has been submitted by beneficiaries to the Managing Authority. This represents approximately 47.22% of the milestone described in the Performance framework. This is very good progress against the milestone. However, progress is lower than anticipated having regard to budgets made available under</p>

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p>UP5. A number of corrective actions are envisaged in order to promote and incentivise investment in seafood processing and improve draw down of funds by approved projects. These actions are expected to ensure achievement of the financial milestone for 2018.</p> <p><u>Output Indicator Milestones 2018</u></p> <p><i><u>5.2 - N° of projects on marketing measures and storage aid (Milestone 2018 - 3)</u></i></p> <p>To date 8 projects on marketing measures and storage aid have been completed up to the end of 2016. This equates to 266% of the milestone for 2018. This is very good progress, but indicates that the milestone was an under-estimate. This will be reviewed.</p> <p><i><u>5.3 - N° of projects on processing (Milestone 2018 - 40)</u></i></p> <p>To date 18 projects on processing have been completed up to end of 2016. This is good progress. However, progress is lower than anticipated having regard to budgets made available under UP5. A number of corrective actions are envisaged in order to promote and incentivise investment in seafood processing and improve draw down of funds by approved projects. These actions are expected to ensure achievement of the milestone for 2018.</p> <p><u>Financial Indicator 2023 (Target - €32,000,000)</u></p> <p>To date approximately €4.958 million has been submitted by beneficiaries to the Managing Authority up to the end of 2016. This represents approximately 15.49% of the target described in the Performance framework. However, progress is lower than anticipated having regard to budgets made available under UP5. A number of corrective actions are envisaged in order to promote and incentivise investment in seafood processing and improve draw down of funds by approved projects. These actions are expected to ensure achievement</p>

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p>of the financial target for 2023.</p> <p><u>Output Indicator Targets 2023</u></p> <p><i><u>5.2 - N° of projects on marketing measures and storage aid (Target 2023 - 7)</u></i></p> <p>To date 8 projects on marketing measures and storage aid have been completed up to the end of 2016. This equates to 114% of the target for 2023 outlined in the Performance framework. This is very good progress, but indicates that the milestone was an under-estimate. This will be reviewed.</p> <p><i><u>5.3 - N° of projects on processing (Target 2023- 100)</u></i></p> <p>To date 18 projects on processing have been completed up to end of 2016. This equates to 18% of the target for 2023. This is good progress. However, progress is lower than anticipated having regard to budgets made available under UP5. A number of corrective actions are envisaged in order to promote and incentivise investment in seafood processing and improve draw down of funds by approved projects. These actions are expected to ensure achievement of the target for 2023.</p>
6 - Fostering the implementation of the Integrated Maritime Policy	<p>As implementation of the IMP related projects did not begin until 2016 there is insufficient financial data available to accurately assess progress to date in UP 6.</p> <p><u>Financial Indicator (Milestone 2018 - €2,000,000)</u></p> <p>Eligible Expenditure of €55,400 was submitted to the Managing Authority up to end of 2016. This represents approximately 2.77% of the milestone described in the Performance framework. This is expected progress on the basis of the full implementation of IMP</p>

Union priority	Assessment whether progress made toward milestones and targets is sufficient to ensure their eventual fulfilment, indicating any remedial actions taken or planned
	<p>related projects from 2017 onwards and no corrective actions are envisaged to achieve this milestone at this time.</p> <p><u>Output Indicator Milestones 2018</u></p> <p><i><u>6.2 - N° projects on the protection and improvement of knowledge on marine environment (Milestone 2018 - 2)</u></i></p> <p>To date no projects on the protection and improvement of knowledge on marine environment have been completed up to end of 2016. Projects ongoing and envisaged are multi-annual in nature and will not be completed in 2018. Indeed, these projects are likely to be for the duration of the Programme. A Programme modification may be required.</p> <p><u>Financial Indicator 2023 (Target 2023- €5,500,000)</u></p> <p>Eligible Expenditure of €55,400 was submitted to Managing Authority up to end of 2016. This represents approximately 1.0% of the target described in the Performance framework. This is expected progress on the basis of the full implementation of IMP related projects from 2017 onwards and no corrective actions are envisaged to achieve this milestone at this time.</p> <p><u>Output Indicator Targets 2023</u></p> <p><i><u>6.2 - N° projects on the protection and improvement of knowledge on marine environment (Target 2023 - 4)</u></i></p> <p>To date no projects on the protection and improvement of knowledge on marine environment have been completed up to end of 2016. Projects ongoing and envisaged are multi-annual in nature and are likely to be for the duration of the Programme. There is likely to be 2 such projects. A Programme modification will likely be required.</p>
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.

Following the formal launch of the Programme in January 2016, a Monitoring Committee constituted in accordance with Article 5 of Regulation 1303/2013 met on 3 occasions in 2016, namely 26 February, 18 May and 8 December 2016. The Monitoring Committee was the vehicle for implementing partnership and multi-level governance in the Programme.

The membership of the Committee reflected its intended role and the requirements of Article 5. Membership comprised the following:

Economic and Social Partners

- Irish Business & Employers Confederation, Enterprise Ireland, Údarás Na Gaeltachta, FLAGs (x 2)

Civil Society

- Environmental Pillar (x2)

Seafood Sector

- **Aquaculture** - IFA Aquaculture, Irish Shellfish Association, Irish Salmon Growers Association
- **Seafood Processing and marketing** - Seafood Processors and Exporters Association, Bord Bia
- **Fisheries** - Killybegs Fishermens Organisation, Irish Fish Producers Organisation, Irish South & East Fish Producers Organisation, Irish South & West Fish Producers Organisation, National Inshore Fisheries Forum (x 2).

Competent Urban and Other Public Authorities

- Department of Communications, Climate Action and Environment,
- Department of the Arts, Heritage, Regional, Rural and Gaeltacht Affairs
- Department of Education and Skills
- Department of Public Expenditure and Reform
- Eastern and Midlands Regional Assembly
- Southern Regional Assembly
- Northern & Western Regional Assembly
- Marine Institute
- Bord Iascaigh Mhara
- Sea Fisheries Protection Authority

In 2016, the Monitoring Committee was facilitated in its monitoring role for the Programme through a number of aspects of meetings of the Monitoring Committee. These were:

- Prior circulation of documents to allow detailed examination and preparation of comments;
- Presentation by the Managing Authority of Annual Implementation Reports, followed by group discussion and approval;
- Presentation of proposals for new schemes and of design changes to existing schemes, followed by group discussion and approval;
- Presentation by technical experts for each thematic area of progress updates on schemes, followed by group discussion;
- Presentation by the Managing Authority of progress updates on key implementation issues, including ex-ante conditionalities and designation of authorities, followed by group discussion;
- Circulation of minutes of Monitoring Committees for agreement.

A dedicated EMFF website was established by the Managing Authority providing an information portal containing programme documents, selection criteria, links to scheme brochures, details of beneficiaries, minutes of Monitoring Committee meetings, presentations, reports etc.

Seafood industry members of the Monitoring Committee have a range of established fora where issues of interest are raised with the Department (Managing Authority). Periodic meetings were also established and facilitated throughout 2016 with Civil Society members.

In 2016, arrangements were put in place to facilitate support to Civil Society members of the Committee through Technical Assistance under the Programme for the travel and subsistence costs of attending meetings of the Monitoring Committee. Separately, a Seafood Capacity Building Scheme was brought forward under article 29 EMFF to support organisations representing stakeholders in Fisheries, Aquaculture or Seafood Processing (industry and civil society) with the costs of staging conferences and workshops, attending expert meetings, dissemination of information and website development.

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.

Section 9.1.1 of the Operational Programme details the programme arrangements to ensure the integration of gender equality / non-discrimination and accessibility principles in the implementation of the programme.

In practice, the profile of beneficiaries under Ireland's EMFF Operational Programme in 2016 was overwhelmingly enterprises, rather than individuals. All applicants for support in the area of seafood processing are registered seafood processing enterprises or public bodies, while all applicants for supports in the area of aquaculture are licensed aquaculture enterprises, public bodies, or research institutions. For fisheries, schemes are overwhelmingly open only to owners of registered seafishing boats, Registered Cooperatives, Seafood Processors or Producer Organisations. For FLAGS, potential applicants are

community groups, enterprises and owners of sea-fishing boats.

The risk of gender or other discrimination in relation to selection of beneficiaries is therefore considered to be extremely low.

The gender profile of employees of beneficiaries is collected through the application process for schemes. For fisheries and aquaculture, these processes indicate a difficulty for the applicant enterprises in attracting female employees to occupations that involve physically demanding manual labour in harsh and potentially hazardous conditions. For similar reasons these occupations are not suited to persons with disabilities.

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.

A range of measures under Ireland's EMFF Operational Programme contribute to the enhancement of the environmental, economic and social sustainability of the seafood sector and marine environment.

One of the key measures implemented in 2016 was the introduction of the **Marine Biodiversity Scheme**. The objective of the Marine Biodiversity Scheme is to promote good fisheries and aquaculture management and protect biodiversity in marine habitats. The Scheme supports implementation of the CFP and compliance with the Habitats and Birds Directives (Natura 2000) and the Marine Strategy Framework Directive. The scheme supports actions with the specific objectives of

1. reducing the impact of fisheries and aquaculture on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catch
2. protecting and restoring aquatic biodiversity and ecosystems.

In 2016, projects carried out under the Scheme assessed the impacts of winter potting and oyster dredging on summer seagrass habitats, the impacts of hydraulic dredging on sedimentary habitat in shallow sub-tidal waters of the north Irish Sea and the species catch composition in the inshore potting fleets. Vessel Monitoring Systems were deployed on inshore fishing vessels using dredges in the Irish Sea to monitor fishing activities surrounding closed areas to protect sensitive habitats. The Scheme supported appropriate assessment reports of aquaculture activities in NATURA sites (SPAs and SACs) in Bannow Bay, Trawbreaga Bay, Wexford Harbour, River Barrow and River Nore, Sheephaven, West of Ardara/Maas Road, Gweedore Bay and Islands and Slyne Head Peninsula (Mannin Bay). The effectiveness of mitigation measures was monitored in the Dungarvan SPA following the creation of a bird 'corridor' to manage aquaculture activities in Natura sites. Implementation cost of the marine biodiversity scheme in 2016 was €275,000. Over the course of the EMFF Programme, the Marine Biodiversity Scheme is expected to invest €9.4 million.

Another key measure implemented in 2016 was the **Sustainable Fisheries Scheme**. The objective of this Scheme is to support the CFP Landing Obligation and otherwise support implementation of the CFP by helping fishermen avoid juvenile, depleted and choke stocks through development of a change management process and deployment of more selective fishing methods and other means to support individual change management plans. The Scheme also aims to reduce the impact of fisheries on the marine environment by promoting good fisheries management, protecting biodiversity in marine habitats,

conserving and re-building stocks and supporting efficient design and implementation of conservation measures and regional cooperation under the CFP. In 2016 the Scheme supported projects to develop a cetacean friendly device to reduce seal-fisheries interactions, to improve gear selectivity to address the landing obligation, a Fishing for Litter Programme and the provision of fisheries, aquaculture and marine environment information services. In 2016 the Scheme invested almost €800,000. The full budget for the Scheme over the course of the EMFF Programme is €26 million.

Other EMFF schemes implemented in 2016 contributing to sustainable development included the Sustainable Aquaculture Scheme, the Knowledge Gateway Scheme and the Inshore Fisheries Conservation and management Scheme.

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.

Up to the end of 2016 the only measures implemented which contributed to the climate change objectives and where expenditure was declared by beneficiaries to the Managing Authority were :

- Article 37 - Support for the design and implementation of conservation measures which contributed €47,773.16 to climate change objectives
- 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 which contributed €125,034.68 to climate change objectives.
- Article 80.1(b) - Promotion of the protection of marine environment, and the sustainable use of marine resources which contributed 11,080 to climate change objectives

A total of €183,887.84 which amounts to 0.6% of the overall expenditure declared to Managing authorities by beneficiaries. This percentage is lower than the overall % committed to climate change objectives outlined in the EMFF OP 2014-2020 document.

The total expenditure attributed to climate change in the EMFF OP 2014-2020 was indicated at approximately €28.9 million or approximately 19.58% of overall expenditure . This figure was dependant on the majority of expenditure being implemented under a decommissioning scheme and engine replacement scheme which accounted for approximately €19 million of the overall figure.

Since these schemes which have a 100% contribution to climate change objectives were not implemented in 2016 this has impacted on the overall progress of reaching the target set out on the EMFF OP.

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.

Under article 50(5) of Regulation 1303/2013, the Managing Authority will report in 2019 on the Programme's contribution to the Union Strategy for Smart, Sustainable and Inclusive Growth.

**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)

In 2016, intermediate body Bord Iascaigh Mhara made the case to the Managing Authority that its staff resources were insufficient to effectively deliver the Operational Programme. BIM identified 12 technical specialist roles that required to be filled. On 21 April 2016, the Managing Authority accepted the BIM case and approved the funding through Technical Assistance of 11 identified posts, with the costs to BIM of the twelfth position to be compensated by the Marine Institute through the EMFF Data Collection Scheme. Similarly, the Managing Authority recognised that the project management resources available to the Sea-Fisheries Protection Authority were likely to be an impediment to effective delivery of the investments envisaged in the area of control and enforcement. This was likely to have been a factor in the under-utilisation of the available budget by the SFPA in 2016. The Managing Authority approved the funding to SFPA through Technical Assistance of a Project Coordinator and Finance Assistant and additional contracted project management support services.

In 2016, there was a significant under spend of available EMFF funds. From the €23.7 million available through BIM under schemes for fisheries, aquaculture and processing, only €10 million approximately was committed through grant offers, while only €6m approximately was drawn down by applicants. Some of the main reasons for the under spend include the Decommissioning Scheme not proceeding as planned because of concerns raised in the Cost Benefit Analysis, approved projects not proceeding for various business reasons, continued muted demand for capital grants in the aquaculture sector and lower than anticipated interest in investments to facilitate the landing obligation. The Managing Authority and BIM will be implementing a number of changes to scheme administration and scheme terms and conditions, together with some new schemes, to enhance take-up of funds in 2017 and beyond.

DOCUMENTS

Document title	Document type	Document date	Local reference	Commission reference	Files	Sent date	Sent By
Ireland Citizens Summary 2016	Citizens' summary	19-Jul-2017		Ares(2017)4205937	Citizens Summary 2016	28-Aug-2017	nclardam

LATEST VALIDATION RESULTS

Severity	Code	Message
Info		Implementation report version has been validated