

ANNUAL IMPLEMENTATION REPORT FOR THE EMFF

CCI	2014IE14MFOP001
Title	European Maritime and Fisheries Fund - Operational Programme for Ireland
Version	2017.0
Date of approval of the report by the Monitoring Committee (Art 113.d of EMFF)	03-May-2018

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

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

Ireland's EMFF Operational Programme invested a total of €27.6 million in 2017 in Ireland's seafood sector. This compares to investment of €18.2 million in 2016. The increasing level of investment spend is a positive indication of a ramping up of investment levels in what for most schemes was their second year of operation. While this was a significant increase on 2016, there is nevertheless an impact from the two successive years of lower than anticipated spend. The risk of particular measures making full use of their full allocated Programme budgets is increased and it may in time prove necessary to reallocate funds to better performing measures. This issue is being closely monitored by the Managing Authority and will be kept under ongoing review with the Monitoring Committee.

The performance of the Programme in 2017 was notable in a number of respects, in particular:

- The 7 newly established Fisheries Local Action Groups (FLAGs) launched their first calls for projects and the outcome was very positive, with 153 grants awarded, 16% of the overall FLAG funds spent and a project pipeline that will contribute to 2018 spend.
- Strong interest in EMFF funding of innovation and research projects across fisheries, aquaculture and processing.
- A notable increase in capital investment in aquaculture as more sites are licensed.
- A first call for proposals under the Fishery Harbour Scheme, which should lead to significant spend in 2018.
- An increase in the scale of capital projects.
- The development of a strong project pipeline, with the approval of many projects for completion in 2018 and later years.
- A decision not to proceed with a Fleet Decommissioning Scheme following the negative recommendation of the Cost Benefit Analysis from Grant Thornton.

The cancellation of the Decommissioning Scheme impacts significantly on the Performance Framework Targets for Union Priority 1. A Programme modification proposal will be progressed in the first half of 2018 to substitute targets that reflect the reduced UP1 allocation and measures that now best reflect spending patterns under UP1. Aside from Union Priority 1, the Managing Authority is generally satisfied with progress of other Union Priorities against their 2018 Performance Target milestones. For Union Priority 6, the Managing Authority is closely monitoring performance, but believes that the approved marine spatial planning projects will ensure achievement of the 2018 milestones. For Union Priority 2, the Managing Authority has some concerns regarding the 2018 output indicator milestone for the number of innovation and advisory services projects. The 2018

projects may ensure achievement of the 50 project target. This is being closely monitored by the Managing Authority in association with BIM.

The Managing Authority published the report of Indecon International Economic Consultants on an ex-ante assessment of the case for use of financial instruments under the EMFF. The report was a joint study with the RDP Managing Authority. For the seafood sector the report focused on capital investment in aquaculture and seafood processing. The report recommended a financial instrument combining a partial loan guarantee and interest rate subsidies. A public consultation on the report was initiated. The process had not yet reached an outcome by end 2017.

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
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	<p><u>Overview of Union Priority One</u></p> <p>In 2017, some €4,345,001 was invested in 160 projects across 4 schemes supporting activities in a wide range of areas, including:</p> <ul style="list-style-type: none"> • Developing more selective fishing gear and methods, • Marine science and data, • On-board investment in health and safety hygiene, quality, selective gear, energy efficiency and value adding, • Adaptation to the Landing Obligation. • Advisory services to the fishing fleet, • Fostering adaptation to the CFP, • Networking and dissemination of knowledge, • Recovery of marine litter and management of waste, • Stock conservation, • New entrants. <p>Many projects approved in 2017 for EMFF funding are of a multi-annual nature and will contribute to spend in 2018.</p> <p><u>Marine Biodiversity Scheme</u></p> <p>In 2017, some €1,160,275 was invested under the Marine Biodiversity Scheme under Union Priority 1.</p> <p>In 2017, ten new projects were implemented.</p> <p>Two projects commenced on species restoration and included habitat characterisation and estimation of population size and distribution for crayfish and endangered skate and ray stocks.</p> <p>Three projects related to mapping of fishing pressure and fishery NATURA interaction. A major project commenced concerning</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>offshore reefs. A three week offshore survey mapped and sampled reef habitats along Ireland's continental slope in 50 locations with the aim of to evaluate status and review requirements for conservation and management measures consistent with the Habitats Directive.</p> <p>Three projects focused on the assessment and mitigation of aquaculture impacts on NATURA sites. Appropriate Assessment Reports of aquaculture activities from 5 Bays were completed.</p> <p>Two projects were initiated to support Marine Strategy Framework Directive (MSFD) and biodiversity. Monitoring for marine mammal distribution and abundance was carried out on 9 weeks of the fisheries acoustic survey programme covering the Irish shelf and the Celtic Sea. Research has begun to derive Maximum Sustainable Yield (MSY) reference points on fish species vulnerable to fishing pressure and of ecological significance to improve data availability for MSFD, Good Environmental Status assessment and Common Fisheries Policy MSY targets.</p> <p><u>New Fishermen Scheme</u></p> <p>There was only one project completed under the New Fishermen Scheme in 2017 with public aid of €55,800.</p> <p>The poor uptake on this scheme is considered to arise from difficulties accessing credit and also the regulatory exclusion up to now of vessels over 12 metres because of fleet imbalances.</p> <p><u>Sustainable Fisheries Scheme</u></p> <p><i>Part A - Public Interest Projects:</i></p> <p>In 2017, 12 Part A projects implemented by BIM were supported with public aid of €1,159,610.</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 EMFF Managing Authority directly approved 12 BIM projects for EMFF funding. These projects were implemented by BIM for the benefit of the sector and for the public good. The projects focused on developing more selective fishing gear and methods, advisory services to the sector, fostering adaptation to the CFP, networking and dissemination of knowledge, recovery of marine litter and management of waste.</p> <p><i>Part B - On Board Investments</i></p> <p>In 2017, 65 Part B projects were supported with public aid of €802,093.</p> <p>Projects supported in 2017 included</p> <ul style="list-style-type: none"> • selective gears such as square mesh panels and selective cod ends, • equipment to improve hygiene, health and working conditions on board such as sanitary facilities and galley facilities for crew, • equipment to reduce manual lifting, • insulation and ventilation, • equipment to improve fuel efficiency including fuel monitoring equipment, • gear monitoring equipment and fuel efficient fishing gears, • investments that improve fish quality and add value to fishery products on board, such as provision of temperature monitoring systems, weighing and labelling machines and fish handling systems. <p>The average grant paid in 2017 was €12,339. Of the 65 projects, 32</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>were for small scale coastal fisheries vessels.</p> <p>Demand under this scheme was exceptionally strong in 2017. While 65 projects were completed and paid, some 119 projects were actually approved for grants worth €2.5 million. This strong project pipeline will contribute to spend in 2018.</p> <p><i>Part C - Promoting Quality and Added Value Onshore</i></p> <p>In 2017, six projects received public aid of €694,449.</p> <p>Four of these projects were infrastructure improvement projects which aim to assist fishermen and onshore businesses to meet the challenges of the landing obligation. The main elements of the projects are provision of cold storage facilities and associated handling equipment for the storage of unwanted catches.</p> <p><u>Inshore Fisheries Conservation Scheme</u></p> <p>In 2017, 66 projects were supported with public aid of €472,774.</p> <p>The Managing Authority directly approved grants of €100,564 to BIM to undertake 3 projects for the benefit of the sector. These projects supported networking in the Inshore Fisheries sector, funded the development of a strategy for the inshore fisheries sector and provided advisory services to the sector.</p> <p>Some 63 projects concerning v-notching of lobsters received support of €372,209.</p> <p><u>Fishery Harbours Scheme</u></p> <p>There was no expenditure under this scheme in 2017.</p> <p>A targeted call for projects was issued by the Managing Authority on 24 November 2017 for improvement of the infrastructure of National Fishery Harbour Centres for purposes specified in the call for proposals. On 15 December 2017, some 5 project applications were received seeking EMFF funding of €10.9 million. The projects were</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
	being considered by the Managing Authority at the end of 2017.
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	<p><u>Overview of Union Priority 2</u></p> <p>In 2017, the EMFF Programme invested €2,941,271 in support of 38 aquaculture projects through two support schemes. This investment was evenly split between supports for capital investment and for innovation/research/advice. There was good interest in capital investment, particularly for oyster farming, and the level of grant awards is not fully reflected in the final spend for the year as some large projects will draw down funds in 2018. Changes to the support structure for innovation projects proved positive and attracted strong interest from the research sector, which again involved multi-annual projects that will contribute to spend in 2018 and later years.</p> <p><u>Knowledge Gateway Scheme</u></p> <p>In 2017, some 15 projects were supported with public aid of €1,462,582.</p> <p>The Managing Authority directly approved 12 projects to be undertaken by BIM for the benefit of the sector and for the public good. Some 8 of these projects concerned innovation/research, while 4 projects were of an advisory services nature. The innovation projects included technical development of seaweed cultivation and integrated multi-trophic aquaculture, developing hatchery techniques for scallop and native oyster, improving the depuration process for shellfish, and a number of disease management projects.</p> <p>Five projects from third level research institutions and industry were approved for funding of approximately €917,000 in 2017. These are multi-annual projects and so will contribute to spend in 2018 and later years. These projects concern integrated multi-trophic aquaculture, development of products from seaweed, environmental management in connection with the WFD, animal husbandry and developing techniques for production of native oysters.</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>Sustainable Aquaculture Scheme</u></p> <p>In 2017, some 23 aquaculture capital development projects were supported with public aid of €1,478,689.</p> <p>Some 15 of the projects concerned capital investment in oyster production, while 5 concerned capital investment in mussel production, 2 were for higher value capital investment in salmon production and 1 related to organic certification of mussels.</p> <p>Oysters are enjoying a particularly high price point at present and that is reflected in the number of oyster projects being undertaken. It is also likely that 2017 saw the release of some pent-up demand for investment in oysters as licences in Donegal were renewed in late 2016, leading to projects for funding in 2017.</p>
3 - Fostering the implementation of the CFP	<p><u>Control & Enforcement Scheme</u></p> <p>In 2017, investment in control and enforcement was €4,191,203.</p> <p>The Sea Fisheries Protection Authority invested €1,754,817 of EMFF funds in 2017. The Managing Authority directly approved 5 SFPA projects in 2017 for EMFF funding of €3,718,287. These projects were:</p> <ul style="list-style-type: none"> • ERS Enhancements • Audit Assessment • Sales Notes and FLUX • Weighing Official Control Systems • Technical Assistance <p>These 5 projects are multi-annual in nature and will contribute to spend in 2018 and later years. Further investment projects by the SFPA will be approved in 2018.</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 Department of Agriculture Food and the Marine invested €2,436,386 in EMFF funds in 2017. Work in 2017 completed a €5.6 million project commenced in 2015 concerning development of an Integrated Fisheries Information System and Electronic Reporting Systems. This work represented phase 1 of a larger project to modernise the information systems of the control authorities.</p> <p><u>Data Collection Scheme</u></p> <p>In 2017, some €7,894,000 was invested by the Marine Institute in Data Collection.</p> <p>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. Some 111 at sea trips were completed. In addition, 94 inshore shellfish observer trips were completed. A total of 305 port sampling trips were completed for demersal stocks. The at sea and port based sampling programme amounted to €410,000 in 2017 excluding staff costs.</p> <p>In 2017, a biological sampling programme for the diadromous species salmon and eel was carried out and included surveys in the freshwater, trap returns and the national coded wire tag programme at a cost of €58,000.</p> <p>Nine internationally coordinated off shore research surveys at sea were completed in 2017. 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, anglerfish, megrim, and mixed demersal fish stocks, comprising €4,152,000 of the data collection budget for 2017.</p> <p>Twelve inshore shellfish surveys had a cost of €61,600 and provided data for oyster, cockle, and razorfish.</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</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>Registration Office (CRO).</p> <p>International coordination of fisheries data collection and analysis was achieved through the participation at and contribution to 52 ICES and EU scientific expert groups directly related to the DCF with a cost of €109,000 for 2017.</p> <p>Staff costs to implement the DCF in 2017 were €2,962,000.</p>
4 - Increasing employment and territorial cohesion	<p><u>Fisheries Local Development Scheme</u></p> <p>In 2017, the 7 FLAGs paid out public aid of €1,774,562.97 to 133 projects.</p> <p>The newly selected 7 FLAGs initiated their first call for proposals in the first few months of 2017. Over 200 project applications were received over the course 2017, with 153 finally selected for grant approval. While payments were made to 133 projects, other approved projects will be completed in 2018 and will contribute to the 2018 spend.</p> <p>Successful FLAG projects focussed on the economic development of coastal areas, marine tourism, seafood development, developing skills and local knowledge, training and education, promoting social wellbeing and cultural heritage, and protecting and promoting the environment.</p>
5 - Fostering marketing and processing	<p><u>Overview of Union Priority 5</u></p> <p>In 2017, the EMFF Programme supported 62 projects with grant aid of €5,239,057 through 5 support schemes. These investments supported a broad range of activities, including:</p> <ul style="list-style-type: none"> • Promotion of seafood • Capital investment in seafood enterprises to support value-adding investments • Advisory services to seafood processing SMEs on innovation, new product and packaging development, business planning, energy efficiency and seafood processing technologies. • Development of route to market structures, • Market development, • Consumer and market research, • Innovation and development of new seafood and seaweed

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>products and packaging,</p> <ul style="list-style-type: none"> • Development of processing technologies and techniques. <p><u>Seafood Promotions Scheme</u></p> <p>In 2017, Bord Bia invested some €917,790 of EMFF funds under its approved 2017 work programme.</p> <p>The Bord Bia 2017 EMFF Work Programme contributed to funding its international trade exhibition programme for seafood, which comprised a Bord Bia Ireland Pavilion at the following 7 international trade shows:</p> <ul style="list-style-type: none"> • Biofach, Nuremberg • Boston Seafood Show, Boston • SEG, Brussels • Speciality & Fine Foods Show, London • Conxemar, Vigo • Tokyo Seafood Show • China Fisheries Show, Qingdao <p>A total of 59 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.</p> <p>The value of seafood exports increased by 9% in 2017, to reach an export value of €614 million, with a 15% increase in export volumes.</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 Processing Capital Investment Scheme</p> <p>In 2017, 17 capital investment projects were supported with public aid of €2,015,503, leveraging a total investment of €7,331,611 in the seafood processing sector.</p> <p>There were 8 fresh whitefish / salmon value added projects, 3 smoked salmon/trout projects, 3 shellfish projects, 2 pelagic, and 1 seaweed project. Of these 17 projects, 15 were projects approved and completed in 2017. Two of the projects had been approved in 2016 but were not completed until 2017.</p> <p>The average grant per project is circa 27%. A rate of 30% is allowed for value adding secondary processing equipment, while 15% is allowed for other eligible investments. The majority of investments in 2017 related to value adding equipment.</p> <p>In general, the 8 projects related to fresh whitefish / salmon processing typically involved expenditure on state of the art seafood processing equipment, including fish filleting portioning and packing lines. Shellfish projects typically included cookers, graders and freezing equipment. The two pelagic projects related to equipment for processing blue whiting into protein to be supplied into the global food ingredients industry. Salmon and trout smoking operations invested in a mix of seafood smoking equipment. Buildings and ancillary equipment formed the expenditure for the one seaweed project.</p> <p>Seafood Scaling and New Market Development Scheme</p> <p>In 2017, 6 projects were supported with public aid of €337,862.14.</p> <p>Two projects involved collectives, each of 3 unrelated processing enterprises, combining to invest in marketing costs to develop markets in Asia, including retention of the services of a native In-Market consultant. These two projects accounted for EMFF grants of €112,719.</p> <p>Bord Iascaigh Mhara undertook 4 scaling and market development projects for the benefit of the sector at a cost of €225,143. These projects concerned development of route to market structures,</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>consumer research, raw material supply, cost efficiencies and cooperation on new technologies.</p> <p>Seafood Innovation and Business Planning Scheme:</p> <p>In 2017, 31 innovation and business planning projects were supported with total public aid of €1,447,032.</p> <p>Sixteen projects from processing enterprises were supported with public aid of €160,372. These projects included a broad range of new product development and product enhancement projects related to fish and seaweed and seafood derivative products, consumer and market testing, market feasibility studies, and business planning.</p> <p>Bord Iascaigh Mhara undertook 15 innovation projects for the benefit of the sector at a cost of €1,286,660. These projects included studies on production of formed bait for Irish pot fisheries, development of ingredient products from lower value mussels, extending shelf-life of whitefish along the supply-chain through super-chilling, developing ingredient products from pelagic blood water, investigating technologies to support standardisation of grading of crabs and prawns, together with advisory services to industry on innovation, new product and packaging development, and seafood processing technology.</p> <p><u>Producer Organisation Scheme - Article 66</u></p> <p>In 2017, 7 projects were supported with public aid of €520,870 based on eligible expenditure of €916,780.</p> <p>Four claims were received from the Producer Organisations in relation to expenditure incurred in 2016. The remaining 3 projects related to balancing payments from previous claims previously received.</p> <p>Under the scheme support is provided only for measures identified in the approved Production and Marketing Plans. Nine specific measures were specified and relate to the preparation and production of marketing plans and annual reports, attendance at specified</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>meetings, dissemination of knowledge and advisory services, support for all other identified measures in the Production and Marketing Plans provided they have not been supported under another EMFF scheme and capital and indirect costs. The measure covering fish stock surveys/trials was not relevant for the 2017 period. The grant aid rates involved a mixture of fixed maximum assistance or a 65% grant aid rate. However, a 1% rate was applied for all other measures.</p> <p>Expenditure related to direct staff costs incurred to implement the above. Other typical costs incurred involved the engagement of consultants to assist in the preparation of the Marketing Plans and Activity Reports. Capital items mainly involved upgrading of computer software and equipment.</p>
6 - Fostering the implementation of the Integrated Maritime Policy	<p><u>Blue Growth & Marine Spatial Planning Scheme</u></p> <p>In 2017, 9 projects were supported with public aid of €136,554.</p> <p>The Marine Institute is tasked by Government with providing critical information to support the development and implementation of a marine spatial plan for Ireland. In 2017, the Managing Authority directly approved 9 marine spatial planning projects from the Marine Institute for EMFF funding of €2.9 million. These multi-annual projects will contribute to spend in 2018 and later years.</p>
7 - Technical assistance	<p>In 2017, total EMFF expenditure on Technical Assistance amounted to €1,098,994.</p> <p>Technical Assistance supported the costs to State agencies of additional resources to implement EMFF schemes and to project manage EMFF projects, including contracted staff resources, which accounted for most of the costs, and project management consultancy. It supported consultancy studies to inform EMFF scheme implementation and implementation of the National Strategic Plan for Sustainable Aquaculture Development, including a review of</p>

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	the aquaculture licensing process. It supported the administration and animation of FLAGs, information and publicity measures, EMFF training and the costs of the Monitoring Committee.

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

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

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2017
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	2017
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	2016	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	0.00000
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.4.b - Change in unwanted catches (%)	0.00000	0.00000	0.00000
1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	1.5 - Change in fuel efficiency of fish capture	0.00000	0.00000	0.00000
2 - Protection and restoration of aquatic biodiversity and ecosystems	1.5 - Change in fuel efficiency of fish capture	0.00000	0.00000	0.00000
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.3 - Change in net profits	0.00000	0.00000	0.00000
3 - Ensuring a balance between fishing capacity and available fishing opportunities	1.6 - Change in the % of unbalanced fleets	0.00000	0.00000	0.00000

Specific objective	Result indicator	2016	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	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.2 - Change in the volume of production	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.3 - Change in net profits	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.5 - Change in fuel efficiency of fish capture	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.7 - Employment created (FTE) in the fisheries sector or complementary activities	0.00000	0.00000	0.00000
4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	1.8 - Employment maintained (FTE) in the fisheries sector or complementary activities	0.00000	0.00000	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.1 - Change in the value of production	0.00000	0.00000	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.2 - Change in the volume of production	0.00000	0.00000	0.00000
5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	1.3 - Change in net profits	0.00000	0.00000	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.7 - Employment created (FTE) in the fisheries sector or complementary activities	0.00000	0.00000	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.8 - Employment maintained (FTE) in the fisheries sector or complementary activities	0.00000	0.00000	0.00000
6 - Development of professional training, new professional skills and lifelong learning	1.9.a - Change in the number of work-related injuries and accidents	0.00000	0.00000	0.00000

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
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Table 2: Output indicators for EMFF -1.1

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	23.00	23.00	0.00
03 - Article 39 Innovation linked to the conservation of marine biological resources (+ art. 44.1.c Inland fishing)	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	✓	20.00	3.00	3.00	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	3.00	3.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2015	2014
01 - Article 37 Support for the design and implementation of conservation measures	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	0.00	0.00
02 - Article 38 Limiting the impact of fishing on the marine environment and adapting fishing to the protection of species (+ art. 44.1.c Inland fishing)	06	1.4 - N° of projects on conservation measures, reduction of the fishing impact on the marine environment and fishing adaptation to the protection of species	0.00	0.00
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	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	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	0.00

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	128.00	66.00	62.00

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

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	2015	2014
01 - Article 34 Permanent cessation of fishing activities	06	1.5 - N° of projects on permanent cessation	0.00	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
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Table 2: Output indicators for EMFF -1.4

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	3.00	2.00	1.00
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	1.00	1.00	0.00

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	20.00	16.00	4.00
06 - Article 35 Mutual funds for adverse climatic events and environmental incidents	03	1.11 - N° of projects on mutual funds		1.00	0.00	0.00	0.00
08 - Article 42 Added value, product quality and use of unwanted catches (+ art. 44.1.e Inland fishing)	03	1.3 - N° of projects on added value, quality, use of unwanted catches and fishing ports, landing sites, actions halls and shelters		110.00	31.00	28.00	3.00
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	2015	2014
01 - Article 27 Advisory services (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists	0.00	0.00
03 - Article 31 Start-up support for young fishermen (+ art. 44.2 Inland fishing)	03	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	0.00	0.00
04 - Article 32 Health and safety (+ art. 44.1.b Inland fishing)	03	1.9 - N° of projects on promotion of human capital and social dialogue, diversification and new forms of income, start-ups for fishermen and health/safety	0.00	0.00
06 - Article 35 Mutual funds for adverse climatic events and environmental incidents	03	1.11 - N° of projects on mutual funds	0.00	0.00
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	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	0.00

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	12.00	12.00	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	2017	2016
		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	20.00	20.00	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	2015	2014
01 - Article 26 Innovation (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists	0.00	0.00
02 - Article 28 Partnerships between fishermen and scientists (+ art. 44.3 Inland fishing)	03	1.1 - N° of projects on innovation, advisory services and partnerships with scientists	0.00	0.00
03 - Article 41.1.a, b, c Energy efficiency and mitigation of climate change – on board investments; energy efficiency audits and schemes; studies to assess the contribution of alternative propulsion systems and hull designs (+ art. 44.1.d Inland fishing)	04	1.7 - N° of projects on energy efficiency, mitigation of climate change	0.00	0.00
04 - Article 41.2 Energy efficiency and mitigation of climate change - Replacement or modernisation of main or ancillary engines (+ art. 44.1.d Inland fishing)	04	1.8 - N° of projects on replacement or modernisation of engines	0.00	0.00

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	2.00	2.00	0.00

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

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

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2017
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	7,353.00000	3,435.00000
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	31,396.00000	8,894.00000
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	15,649.00000	5,461.00000
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	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	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	2017
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	125.00000	66.00000
5 - Development of professional training, new professional skills and lifelong learning	2.9 - Employment maintained	FTE	250.00000	302.00000	184.00000

Specific objective	Result indicator	2016	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	0.00000
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.2 - Change in value of aquaculture production	0.00000	0.00000	0.00000
1 - Provision of support to strengthen technological development, innovation and knowledge transfer	2.3 - Change in net profit	0.00000	0.00000	0.00000
2 - Enhancement of the competitiveness and viability of aquaculture enterprises, including improvement of safety or working conditions, in particular of SMEs	2.1 - Change in volume of aquaculture production	3,918.00000	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	2.2 - Change in value of aquaculture production	22,502.00000	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	2.3 - Change in net profit	10,188.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.4 - Change in the volume of production organic aquaculture	200.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.5 - Change in the volume of production recirculation system	0.00000	0.00000	0.00000
3 - Protection and restoration of aquatic biodiversity and enhancement of ecosystems related to aquaculture and promotion of resource efficient aquaculture	2.7 - Aquaculture farms providing environmental services	0.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.1 - Change in volume of aquaculture production	0.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	2.2 - Change in value of aquaculture production	0.00000	0.00000	0.00000
4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of	2.4 - Change in the volume of production	0.00000	0.00000	0.00000

Specific objective	Result indicator	2016	2015	2014
animal health 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	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.8 - Employment created	59.00000	0.00000	0.00000
5 - Development of professional training, new professional skills and lifelong learning	2.9 - Employment maintained	118.00000	0.00000	0.00000

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
01 - Article 47 Innovation	03	2.1 - N° of projects on innovation, advisory services	✓	150.00	16.00	10.00	6.00
02 - Article 49 Management, relief and advisory services for aquaculture farms	03	2.1 - N° of projects on innovation, advisory services	✓	40.00	4.00	4.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2015	2014
01 - Article 47 Innovation	03	2.1 - N° of projects on innovation, advisory services	0.00	0.00
02 - Article 49 Management, relief and advisory services for aquaculture farms	03	2.1 - N° of projects on innovation, advisory services	0.00	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
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Table 2: Output indicators for EMFF -2.2

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	36.00	19.00	17.00
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	2015	2014
01 - Article 48.1.a-d, f-h Productive investments in aquaculture	03	2.2 - N° of projects on productive investments in aquaculture	0.00	0.00
02 - Article 52 Encouraging new sustainable aquaculture farmers	03	2.5 - N° of projects on promoting human capital of aquaculture in general and of new aquaculture farmers	0.00	0.00

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	2015	2014
03 - Article 51 Increasing the potential of aquaculture sites	06	2.4 - N° of projects on increasing potential of aquaculture sites and measures on public and animal health	0.00	0.00
04 - Article 53 Conversion to eco-management and audit schemes and organic aquaculture	06	2.3 - N° of projects on limiting the impact of aquaculture on the environment (eco-management, audit schemes, organic aquaculture environmental services)	0.00	0.00

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

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	2017	2016
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	0.00	0.00	0.00

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

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

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2017
1 - Improvement and supply of scientific knowledge and collection and management of data	3.B.1 - Increase in the percentage of fulfilment of data calls	%	5.00000	5.00000	0.00000
2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	3.A.1 - Number of serious infringements detected	number	1,000.00000	180.00000	36.00000
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	7.36250	7.00000

Specific objective	Result indicator	2016	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	5.00000	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	47.00000	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	7.25000	7.70000	7.50000

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
01 - Article 77 Data collection	06	3.2 - N° of projects on supporting the collection, management and use of data	✓	2.00	2.00	1.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2015	2014
01 - Article 77 Data collection	06	3.2 - N° of projects on supporting the collection, management and use of data	0.00	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
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Table 2: Output indicators for EMFF -3.2

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
01 - Article 76 Control and enforcement	06	3.1 - N° of projects on implementing the Union's control, inspections and enforcement system	✓	10.00	5.00	4.00	0.00

Selected relevant measures	Thematic objective	Output indicator	2015	2014
01 - Article 76 Control and enforcement	06	3.1 - N° of projects on implementing the Union's control, inspections and enforcement system	1.00	0.00

Union priority	4 - Increasing employment and territorial cohesion
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Table 1: Result indicators for the EMFF - 4

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2017
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Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2017
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	2016	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	0.00000
1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	4.2 - Employment maintained (FTE)	0.00000	0.00000	0.00000

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
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Table 2: Output indicators for EMFF -4.1

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
01 - Article 62.1.a Preparatory support	08	4.2 - N° of projects on preparatory support		7.00	7.00	0.00	7.00
02 - Article 63 Implementation of local development strategies (incl. running costs and animation)	08	4.1 - N° of local development strategies selected	✓	7.00	7.00	0.00	7.00
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	2015	2014
01 - Article 62.1.a Preparatory support	08	4.2 - N° of projects on preparatory support	0.00	0.00
02 - Article 63 Implementation of local development strategies (incl. running costs and animation)	08	4.1 - N° of local development strategies selected	0.00	0.00
03 - Article 64 Cooperation activities	08	4.3 - N° of cooperation projects	0.00	0.00

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

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2017
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	2017
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	0.00000
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	0.00000

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

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
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	18.00	7.00	11.00
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	28.00	19.00	9.00

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

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
01 - Article 69 Processing of fisheries and aquaculture products	03	5.3 - N° of projects on processing	✓	100.00	62.00	33.00	29.00

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

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

Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2017
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Specific objective	Result indicator	Measurement unit	Target value (2023)	Cumulative value	2017
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	2016	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	0.00000
1 - Development and implementation of the Integrated Maritime Policy	6.2.b - Change in the coverage of other spatial protection measures under Art. 13.4 of the Directive 2008/56/EC	0.00000	0.00000	0.00000

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

Selected relevant measures	Thematic objective	Output indicator	Included into the performance framework	Target value (2023)	Cumulative value	2017	2016
01 - Article 80.1.a Integrating Maritime Surveillance	06	6.1 - N° of projects on integrating maritime surveillance		1.00	0.00		0.00
02 - Article 80.1.b Promotion of the protection of marine environment, and the sustainable use of marine and coastal resources	06	6.2 - N° projects on the protection and improvement of knowledge on marine environment	✓	4.00	1.00	1.00	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	9.00	9.00	0.00

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

Table 3: Financial indicators for EMFF

Union priority	Milestone (2018)	Target value (2023)	Cumulative value	2017	2016
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	24,500,000.00	41,500,000.00	792,825.74	0.00	792,825.74
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	5,000,000.00	23,200,000.00	1,586,255.83	0.00	1,586,255.83
3 - Fostering the implementation of the CFP	40,000,000.00	84,924,200.00	21,793,346.68	0.00	8,562,029.15
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	4,603,353.38	0.00	4,603,353.38
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	2015	2014
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	0.00	0.00
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	0.00	0.00
3 - Fostering the implementation of the CFP	7,358,076.81	5,873,240.72
4 - Increasing employment and territorial cohesion	0.00	0.00
5 - Fostering marketing and processing	0.00	0.00
6 - Fostering the implementation of the Integrated Maritime Policy	0.00	0.00
7 - Technical assistance	0.00	0.00

3.3. Financial data

Table 4: Financial data for the EMFF

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	01 - Article 37 Support for the design and implementation of conservation measures	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%	907,677.02	646,319.00	5.88%
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%	351,000.00	351,000.00	35.10%
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%	158,000.00	158,000.00	31.60%
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%	1,614,153.00	881,117.00	16.02%
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	11,000,000.00	5,500,000.00	2,200,000.00	50.00%	1,336,180.78	1,107,777.51	10.07%

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
fisheries			protected areas, management, restoration and monitoring marine protected areas, including NATURA 2000 sites, environmental awareness, participation in other actions aimed at maintaining and enhancing biodiversity and ecosystem services (+ art. 44.6 Inland fishing)							
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	3 - Ensuring a balance between fishing capacity and available fishing opportunities	06	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%	1,436,004.00	1,436,004.00	287.20%
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%	223,200.00	55,800.00	5.58%
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%	486,925.71	214,815.00	42.96%
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%	3,122,902.00	1,760,236.00	44.01%

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
fisheries										
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	4 - Enhancement of the competitiveness and viability of fisheries enterprises, including of small scale coastal fleet, and the improvement of safety or working conditions	03	09 - Article 43.1 + 3 Fishing ports, landing sites, auction halls and shelters - investments improving fishing port and auctions halls infrastructure or landing sites and shelters; construction of shelters to improve safety of fishermen (+ art. 44.1.f Inland fishing)	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%	1,177,500.00	1,177,500.00	29.44%
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%	1,743,891.00	708,275.00	141.66%
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	5 - Provision of support to strengthen technological development and innovation, including increasing energy efficiency, and knowledge transfer	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%	435,500.00	435,500.00	8.71%
2 - Fostering environmentally sustainable, resource	1 - Provision of support to strengthen technological development, innovation and	03	01 - Article 47 Innovation	4,200,000.00	2,100,000.00		50.00%	2,522,615.14	2,397,813.93	57.09%

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
efficient, innovative, competitive and knowledge based aquaculture	knowledge transfer									
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%	469,000.00	469,000.00	23.45%
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%	6,555,097.23	2,473,095.92	14.99%
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%

Union priority	Selected specific objective	Thematic objective	Measure	Total public contribution (EUR)	EMFF contribution (EUR)	Contribution to climate change from EMFF contribution (EUR)	EMFF co-financing rate (%)	Total eligible expenditure of operations selected for support (EUR)	Total public contribution of operations selected for support (EUR)	Proportion of the total allocation covered with selected operations (%)
2 - Fostering environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	4 - Promotion of aquaculture having a high level of environmental protection, and the promotion of animal health and welfare and of public health and safety	03	03 - Article 56 Animal health and welfare measures	500,000.00	250,000.00	0.00	50.00%	0.00	0.00	0.00%
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%	0.00	0.00	0.00%
3 - Fostering the implementation of the CFP	1 - Improvement and supply of scientific knowledge and collection and management of data	06	01 - Article 77 Data collection	40,696,323.00	32,557,058.00		80.00%	40,696,323.00	40,696,323.00	100.00%
3 - Fostering the implementation of the CFP	2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	06	01 - Article 76 Control and enforcement	44,227,879.00	37,233,662.00	0.00	84.19%	8,073,000.00	8,073,000.00	18.25%
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	08	01 - Article 62.1.a Preparatory support	0.00	0.00	0.00	0.00%	0.00	0.00	0.00%
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the 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)	11,900,000.00	5,950,000.00	2,380,000.00	50.00%	3,024,661.88	1,774,562.97	14.91%
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	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 (%)
	coastal and inland communities which depend on fishing and 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%	2,459,354.69	1,134,365.67	37.81%
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%	3,718,253.14	2,901,173.56	58.02%
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%	34,462,999.96	7,529,890.91	31.37%
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%	6,582,900.00	6,582,900.00	123.40%
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%	1,961,005.00	1,961,005.00	123.33%
Total				239,265,133.00	147,601,979.00	18,830,401.60	61.69%	123,518,143.55	84,925,474.47	35.49%

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,	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of	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 the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
competitive and knowledge based fisheries	unwanted catches								
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)	129,263.80	711,633.74	450,275.74	4.09	90,055.15	23
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)	70,200.00	247,132.72	247,132.72	24.71	49,426.54	3
1 - Promoting environmentally sustainable, resource efficient, innovative, competitive and knowledge based fisheries	1 - Reduction of the impact of fisheries on the marine environment, including the avoidance and reduction, as far as possible, of unwanted catches	06	04 - Article 40.1.a Protection and restoration of marine biodiversity – collection of lost fishing gear and marine litter	0.00	140,142.19	140,142.19	28.03	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	1,192,632.35	647,202.00	11.77	0.00	3
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)	221,555.50	1,178,444.51	950,041.24	8.64	190,008.25	128
1 - Promoting environmentally sustainable, resource	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
efficient, innovative, competitive and 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	748,715.36	748,715.36	149.74	0.00	3
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	223,200.00	55,800.00	5.58	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	486,725.71	215,815.00	43.16	0.00	20
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	946,033.00	442,363.00	11.06	0.00	31
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
fisheries									
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		12
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)	354,137.50	1,743,891.00	708,275.00	141.66	354,137.50	20
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)		419,660.66	419,660.66	8.39		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		1,930,499.41	1,855,959.98	44.19		16
2 - Fostering	1 - Provision of support to strengthen	03	02 - Article 49 Management, relief and advisory		395,798.62	395,798.62	19.79		4

Union priority	Selected specific objective	Thematic objective	Measure	Contribution to climate change of operations selected for support (EUR)	Total eligible expenditure declared by beneficiaries to the Managing Authority (EUR)	Total eligible public expenditure declared by beneficiaries to the Managing Authority (EUR)	Proportion of total eligible public expenditure declared by beneficiaries of the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
environmentally sustainable, resource efficient, innovative, competitive and knowledge based aquaculture	technological development, innovation and knowledge transfer		services for aquaculture farms						
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		5,772,348.76	2,188,914.48	13.27		36
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	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 the total allocation (%)	Contribution to climate change of total eligible public expenditures declared by beneficiaries to the Managing Authority (EUR)	Number of operations selected
competitive and knowledge based aquaculture	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		0.00	0.00	0.00		0
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		26,758,659.00	26,758,659.00	65.75		2
3 - Fostering the implementation of the CFP	2 - Provision of support to monitoring, control and enforcement, enhancing institutional capacity and the efficiency of public administration, without increasing the administrative burden	06	01 - Article 76 Control and enforcement	0.00	6,812,783.28	6,812,783.28	15.40	0.00	5
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including the diversification of activities within fisheries and into other sectors of maritime economy	08	01 - Article 62.1.a Preparatory support	0.00	0.00	0.00	0.00	0.00	0
4 - Increasing employment and territorial cohesion	1 - Promotion of economic growth, social inclusion and job creation, and providing support to employability and labour mobility in coastal and inland communities which depend on fishing and aquaculture, including 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)	354,912.59	3,024,661.88	1,774,562.97	14.91	354,912.59	146
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	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
	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		2,453,703.14	1,131,099.73	37.70		18
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		2,728,571.38	2,386,454.71	47.73		28
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		16,555,528.26	4,794,409.58	19.98		62
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	1,316,580.00	1,477,173.25	1,477,173.25	27.69	295,434.65	21
7 - Technical assistance	1 - Technical assistance		01 - Article 78 Technical assistance at the initiative of the Member States	0.00	1,112,260.00	1,112,260.00	69.95	0.00	6
Total				2,446,649.39	77,060,198.22	55,713,498.51	23.29	1,333,974.68	591

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	503,267.50	2.91%
6 - Fostering the implementation of the Integrated Maritime Policy		
7 - Technical assistance		
TOTAL OP	503,267.50	0.34%

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	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. Outcome: Legislative proposal Submitted To Government	30-Nov-2015	Department of Agriculture, Food & the Marine.	No	No		
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 2: Process legislation through the Legislative process (Dail and Seanad) Outcome: Passing of the Bill	30-Jun-2016	Department of Agriculture, Food & the Marine.	No	No		
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		
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		
4	6 - A description of the administrative capacity to apply the point system for serious infringements, as provided for in Article 92 of Regulation (EC) No 1224/2009	Step 5: Enforce the point system. To be verified during Commission audits.	31-Jul-2016	Sea Fisheries Protection Authority	No	No		

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

There were many positives about the performance of the Programme in 2017, including the very successful first year of grants under the FLAG scheme, strong interest in EMFF funding of innovation and research projects across all areas, a notable increase in capital investment in aquaculture as more sites are licensed, and the development of a strong project pipeline across all areas of the Programme.

However, there were also issues that may, without corrective action, negatively affect the performance of the Programme. The most significant of these was the lower than anticipated spend under the Programme in 2017, compared to the available budget. This is mostly, but not exclusively, accounted for by a lower than anticipated spend by BIM for support schemes for the aquaculture, fisheries and processing sectors. Some €26 million was available to BIM for investment under a range of schemes, but final spend for 2017 was only €13 million approximately. While this was a significant increase on 2016, there is nevertheless an impact from the two successive years of lower than anticipated spend. The risk of particular measures making full use of their allocated Programme budgets is increased and it may prove necessary to reallocate funds to better performing measures. The positive project pipeline apparent from multi-annual commitments promises increasing spend in 2018 and later years, though this may not be enough to make up for 2016/17. This issue is being closely monitored by the Managing Authority.

There continued to be delays in launching the Seafood Training Scheme and Seafood Capacity Building Scheme, approved by the Monitoring Committee in December 2016. This delay contributes to the aforementioned lower than anticipated spending levels and to the range of supports envisaged under the Programme. The launch by BIM of the Seafood Training Scheme is imminent, while the Seafood Capacity Building Scheme is also anticipated in the first half of 2018.

The Decommissioning Scheme proposed under the Programme did not proceed as planned because of the negative recommendations of consultants Grant Thornton in the Cost Benefit Analysis. This Scheme was allocated a budget of €16 million and it is now necessary to reallocate this. The budget is to be reallocated to the Fishery Harbour Scheme, the Seafood Promotion Scheme and Technical Assistance.

The cancellation of the Decommissioning Scheme impacts significantly on the Performance Framework Targets for Union Priority 1. A Programme modification is proposed to substitute targets that reflect the reduced UP1 allocation and measures that now best reflect spending patterns under UP1.

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

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

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

<https://www.agriculture.gov.ie/emff/programmeimplementation/nationaleligibilityrulesforexpenditureco-financedbyemff/>

The Sea Fisheries Protection Authority is designated as Ireland's *Single Control Authority* in accordance with Article 5.5 of the EU Fisheries Control Regulation (1224 of 2009). In accordance with Article 93 of that Regulation, the SFPA maintains a National Register of Infringements which contains the information required under Article 10.1(a) of the EMFF Regulation. The National Register of Infringements is available when required to check the admissibility of EMFF applications in this regard. This is being complemented by an administrative requirement for applicants to make a declaration confirming if they have committed one of the serious infringements identified in Article 10. To date, no applications have been deemed inadmissible under article 10.

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

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

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 2017, so the requirement for SSCF funding priority did not arise.

A scheme for engine replacement was first published and made available to beneficiaries under part B of the Sustainable Fisheries Scheme in December 2017. No grant awards were approved within 2017.

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

Promotion of the EMFF OP 2014-2020

Managing Authority Information and Publicity Actions

In 2017 the EMFF Managing Authority availed of two major stakeholder events to promote the opportunities available and provide information on the EMFF OP 2014-2020. This promotion involved a dedicated EMFF OP stand at these events, with a specially commissioned EMFF OP backdrop, manned by EMFF Managing Authority staff. The EMFF OP document and a specially published EMFF OP Summary Booklet were made available, together with a variety of promotional items with the EMFF Logo. Managing Authority staff fielded questions and inquiries from stakeholders on the OP and its constituent schemes.

The **Skipper Expo International**, Galway 2017, is Ireland's flagship seafood show and attracts large numbers of exhibitors and visitors. The expo, which is held annually in Galway on the Western Irish seaboard, is the premier event for stakeholders 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 at the event which promoted the EMFF OP 2014-2020 and provided information to interested parties. BIM also maintained a separate stand at which it provided information on EMFF schemes and assistance on the application process.

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 at the event which promoted the EMFF OP 2014-2020 and provided information to interested parties.

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

In 2017, the EMFF Managing Authority continued to maintain its dedicated **EMFF website**, which provides a range of useful information for stakeholders on the EMFF OP 2014-2020. The website can be found at the following link: www.agriculture.gov.ie/emff. The website provides access to the Programme document, details of and links to schemes, selection criteria, National Eligibility Rules, list of beneficiaries, contact details, documents relating to the Monitoring Committee and documents relating to the development of the Programme.

Press releases were issued throughout 2017 to highlight particular noteworthy EMFF activities. These

were as follows:

- Minister Creed launches Local Development Strategies for seven Fisheries Local Action Groups - FLAGs (<https://www.agriculture.gov.ie/press/pressreleases/2017/february/title,105442,en.html>)
- €1.8 million EMFF Grants to Seafood Processing and Aquaculture Sectors - Creed (<https://www.agriculture.gov.ie/press/pressreleases/2017/march/title,106091,en.html>)
- €1.3m In Seafood Grant Awards To 19 Seafood Companies - Creed

(<https://www.agriculture.gov.ie/press/pressreleases/2017/may/title,107360,en.html>)
- Minister Creed Announces 153 Successful Projects worth €3.6 million under EMFF Fisheries Local Action Group Scheme

(<https://www.agriculture.gov.ie/press/pressreleases/2017/june/title,108619,en.html>)
- Creed announces grant awards of €3.1 million to 13 seafood companies driving total investment of €6.7m in 2017

(<https://www.agriculture.gov.ie/press/pressreleases/2017/july/title,110515,en.html>)
- €1.6m in EMFF Grant Awards for Aquaculture Investment and Research - Creed

(<https://www.agriculture.gov.ie/press/pressreleases/2017/september/title,111270,en.html>)
- Minister Creed Announces Public Consultation on Possible Role of Financial Instruments Under the RDP and the EMFF OP

(<https://www.agriculture.gov.ie/press/pressreleases/2017/september/title,111434,en.html>)

BIM Information & Publicity Actions

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

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

key contacts.

In administering EMFF grant schemes, BIM requires as part of the letter of offer that **beneficiaries acknowledge the EMFF funding** received in a number of ways. Where they have a company website, they must acknowledge the EMFF aid in an appropriate section of the website. Where they have business premises, they must display in a public place (such as reception area) an A4 sized poster to a specified format acknowledging the EMFF aid. Some examples are as follows (scroll down at link to see acknowledgement):

(<http://www.biomarine.ie>)

(<http://keohaneseafoods.ie/>)

(<http://sofrimar.ie/quality/product-innovation/>)

(<http://www.rockabill.ie/news/>)

(<http://www.goodfish.ie/about-us/>)

BIM stages a range of **stakeholder conferences**, workshops and other events, many of these funded through the EMFF. Engendering the greatest possible level of stakeholder and public awareness of the key policy objectives underpinning the EMFF and the CFP is essential if these objectives are to be accepted by local communities and civil society. In turn generating an adequate level of acceptance is equally important so as to create the circumstances to allow the necessary change management processes to occur and be successful. With EMFF funding, BIM hosted the *National Seafood Conference* in 2017 and staged a major participation in *Seafest 2017* and the *Skipper Expo*. These events helped foster social dialogue through education and the dissemination of information via modern interactive techniques and technologies concerning the fisheries sector and the actions and interventions being taken, with the support of the EMFF, to enhance environmental sustainability, lessen impact on marine ecosystems, promote social cohesion and stimulate innovation.

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

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

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

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

To date, the following evaluations have been completed.

- *Review of the FLAG Programme 2012-15* (February 2016)

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

- *Cost Benefit Analysis of the proposed Decommissioning Scheme* (July 2016)

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

- *Ex-Ante Assessment of the use of Financial Instruments* (June 2017)

This study by *Indecon International Economic Consultants* was a joint exercise with the Rural Development Programme Managing Authority and examined the case for market failures in relation to capital investments in aquaculture and seafood processing. It concluded that a financial was warranted and should comprise a partial loan guarantee and an interest rate subsidy. The recommendation is still being considered.

A further evaluation is ongoing

- *Lobster V-Notching Programme - Review of implementation 2001-2016 and research to determine efficacy*

Data arising from the V-notching programmes carried out under the FIFG 2001-2008, the EFF 2009-2015 and the EMFF 2016 to date is being digitised and this is being used to carry out a review. A second element concerns research to gather empirical data on the effectiveness of V-notching. The work will build on work commenced in 2012 with the Inish Oirr Co-op where lobsters v-notched were genetically profiled. The profiles of the v-notched lobsters can then be used to find their offspring in the fishermen's catch between 5 and 8 years after the original v-notching event. The technique has been used to demonstrate that v-notched lobsters from just one year made up 10-30% of the catch off Co. Down. Use of this technique will allow the quantification of the efficacy of the V-notching programme, as well as giving insight into the stock structure on the west coast. The complementary scientific side of the project will be carried out by the Marine Institute and Queens University Belfast.

In 2018, the Managing Authority is planning to conduct evaluations of measures under the Seafood Processing Capital Investment Scheme and the Sustainable Aquaculture Scheme, including their predecessor schemes under the EFF Programme.

The Managing Authority is making use of the evaluation guidelines and methodology provided by FAME.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DOCUMENTS

Document title	Document type	Document date	Local reference	Commission reference	Files	Sent date	Sent By
EMFF Operational Programme 2014 to 2020 AIR 2017 Citizen Summary	Citizens' summary	21-May-2018		Ares(2018)2719964	EMFF Citizens' Summary	25-May-2018	npowemur

LATEST VALIDATION RESULTS

Severity	Code	Message
Info		Implementation report version has been validated