



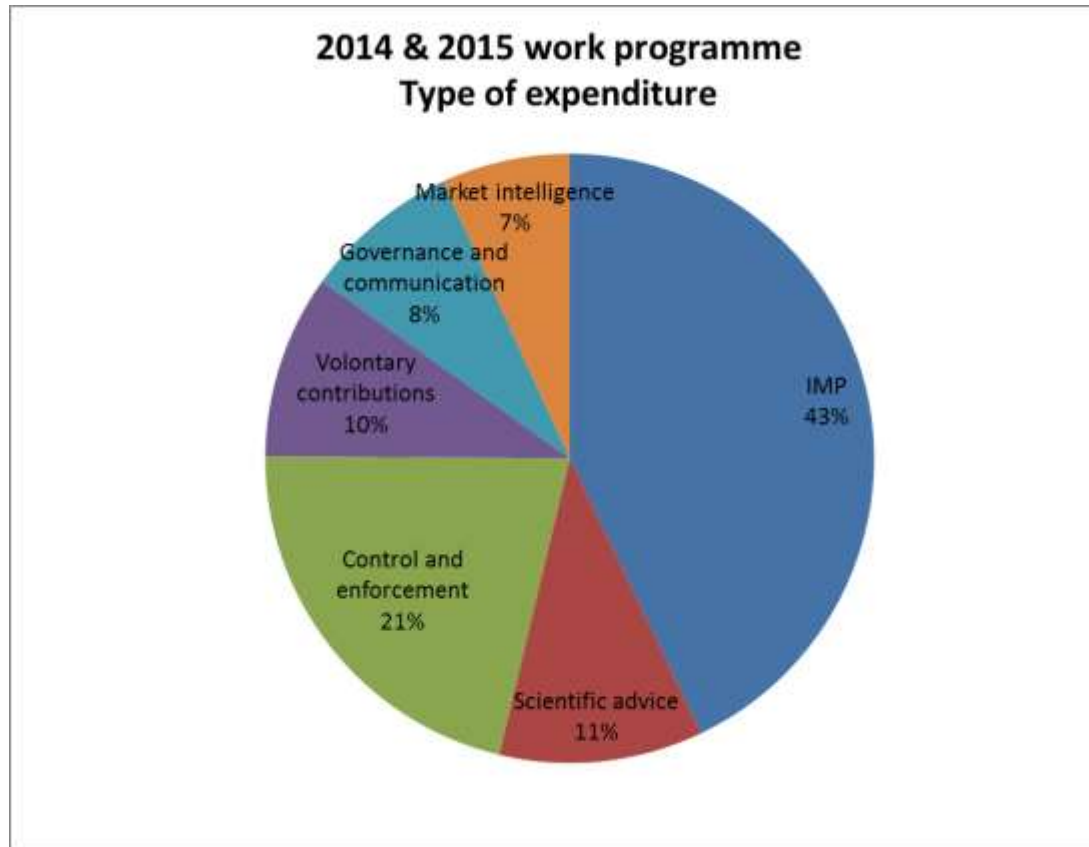
State of play of implementation of DG MARE work programmes 2014 and 2015

**EMFF Expert Group
2 March 2016**

EMFF direct management

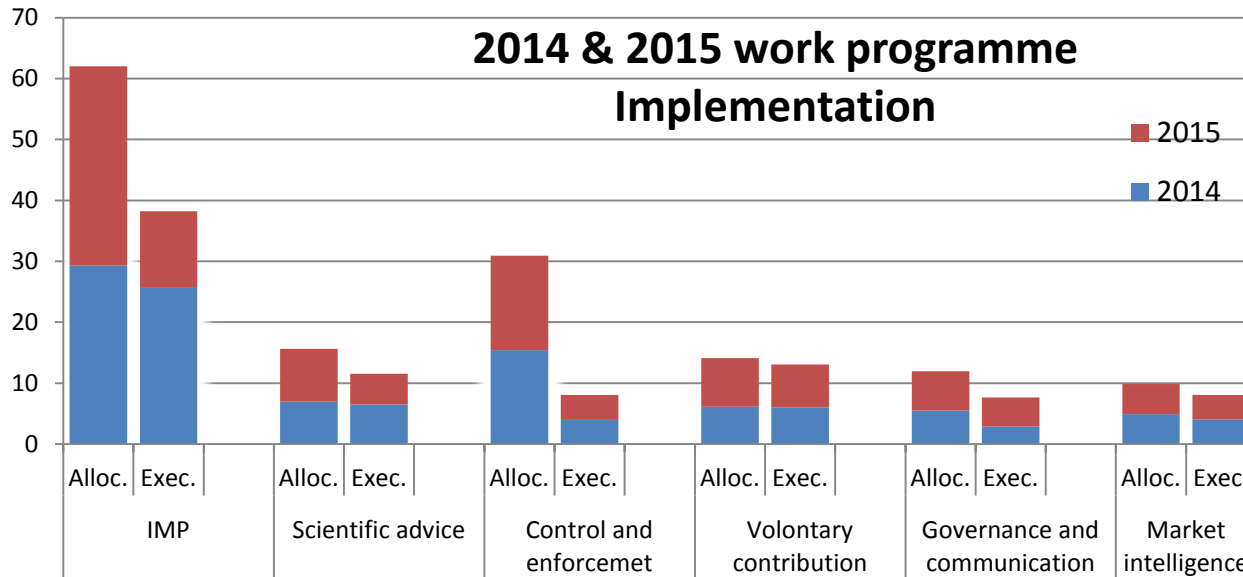
- *Overall amount for 2014-2020 established in EMFF regulation: EUR 647,3 million*
- *Breakdown across spending areas governed by percentages in annex III to regulation (Art 14)*
- *Any departure from indicative percentages are limited to 5% of financial envelope in each case*
- *Expenditure entered in work programmes for 2014 and 2015 respect Art. 14*
- *Large part of implementation of actions delegated to EASME*

WP 2014 & 2015 - allocation



- *WP 2014*
 - €68,3m
- *WP 2015*
 - €76,3m

WP – allocation / implementation



- *WP 2014:*
72% contracted
- *WP 2015:*
49% contracted

Integrated Maritime Policy

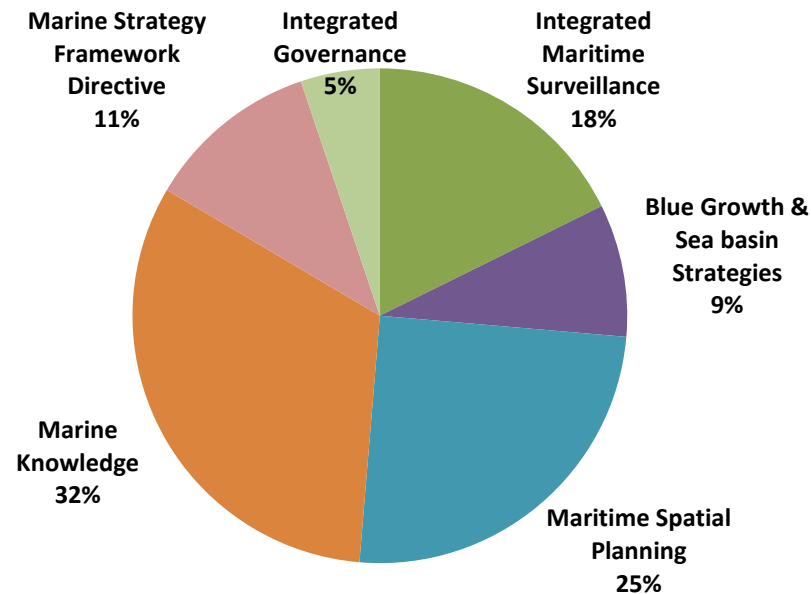
allocated	implemented	% implemented
62,1	38,2	62%

□ Main areas:

- ✓ *Marine knowledge*
- ✓ *Maritime spatial planning*
- ✓ *Integrated maritime surveillance*
- ✓ *Blue growth and sea basin strategies*
- ✓ *MSFD implementation*
- *2014: slow start, but all actions ongoing or finalised; 2015: procedures launched for most actions*

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- *Thematic distribution of allocated amounts*



Integrated Maritime Policy

- ***Marine knowledge Background***
 - *Improved data allows to:*
 - ✓ *Increase productivity*
 - ✓ *Stimulate innovation*
 - ✓ *Reduce uncertainty*
 - *160 organisations working together on European Marine Observation and Data Network (EMODnet) to:*
 - ✓ *Increase observations*
 - ✓ *Enhance interoperability*
 - ✓ *Unlock access*
- www.emodnet.eu*

Integrated Maritime Policy

- ***Marine knowledge – Seabasin checkpoints***
 - *Shift to "collect data once, use for many purposes" paradigm*
 - *4 contracts awarded (Arctic, Atlantic, Baltic, Black Sea) for total of € 4,2m*
 - *Consortia of public and private bodies*
 - *Challenges faced:*
 - ✓ *Is there enough data to site a wind farm*
 - ✓ *Are Marine Protected Areas a coherent set*
 - ✓ *How are our seas warming*
 - ✓ *Do we know the impact of invasive species*
 - ✓ *How fast are our coasts eroding*

Integrated Maritime Policy

- ***Marine knowledge – Coastal mapping***
 - *Checkpoints confirm demand for better near-coast topography*
 - ✓ *Needed by offshore developers, erosion managers*
 - ✓ *Not adequately mapped because not nautical*
 - ✓ *New promising techniques*
 - *Contract signed June 2015 for € 1,3m*
 - ✓ *Consortium of national hydrographic agencies*
 - ✓ *Developing common standards and baselines*
 - ✓ *Sharing surveying knowledge and tools*
 - ✓ *Joining up to map topography*
 - ✓ *Building portal to download data*

Integrated Maritime Policy

- ***Marine knowledge – High resolution seabed mapping***
 - *EMODnet:*
 - ✓ *Already produces digital maps with 16 times better resolution than previously publicly available*
 - ✓ *Extensively used by researchers, public authorities and private bodies*
 - ✓ *Third party providers developing new services using data*
 - *Call for tender to be launched shortly (€5,1m allocated)*
 - ✓ *Will build on previous work including coastal mapping*
 - ✓ *Resolution to be increased and will be even greater where underlying data available*

Integrated Maritime Policy

- **Marine knowledge – Data capture and ingestion**
 - *EMODnet distributes data held in national archives but many data do not reach archives*
 - *Evaluation of tendering in final stage (€4,2m allocated)*
 - ✓ *Facilitate transfer of data for safekeeping*
 - ✓ *Guidance and help-desk for researchers and private companies*
 - ✓ *Portal to accept data and distribute to appropriate repositories*
 - ✓ *Data to be disseminated through EMODnet*

Integrated Maritime Policy

- ***Marine knowledge – Monitoring of Oceans***
- *Satellites measure surface temperature but need to measure below surface:*
 - *Impact on climate change*
 - *Changes to ocean circulation and understanding marine life*
- *Grant to Euro-ARGO signed in June 2015 (€4m)*
 - *Recognised European Research Infrastructure consortium*
 - *Measure down to 2000 metres*
 - *Purchase and deployment of 150 floats: contribution to global programme*

Integrated Maritime Policy

- ***Maritime spatial planning - Assistance mechanism***
 - *Renewable annual contract signed December 2015 (€1,1m) to:*
 - ✓ *Provide administrative and technical assistance to MS in implementation of MSP Directive*
 - ✓ *Dissemination of useful info on implementation of MSP*
 - ✓ *Operational summaries of best practices*
 - ✓ *Publicising of funding sources*

Integrated Maritime Policy

- ***Maritime spatial planning - Cross-border MSP***
- *3 grants awarded in 2015 (total € 5,6m) for MS cooperation projects by sea basin*
 - *Baltic – progressing well*
 - *Celtic – has just begun*
 - *Black Seas – ongoing*
- *Similar format being followed for allocation in WP 2015 (deadline for call 31/3/2016) – focus on*
 - *Northern European Atlantic*
 - *Eastern and Western Mediterranean*

Integrated Maritime Policy

- ***Integrated Maritime surveillance – implementation of CISE***
 - *Improving interoperability of surveillance systems at national level to prepare for CISE*
 - *7 grants concluded with authorities from 5 MS (total €3,2m)*
 - *Joint kick-off meeting held on 19 January 2016*
 - *Follow-up call for proposals (WP 2015) launched recently (€2,5m allocated)*
 - *Care taken to ensure complementarity and avoid overlaps with other funding streams (e.g.FP7 and ISA – "Interoperability Solutions for European Public Administrations").*

Integrated Maritime Policy

- **Blue growth**
 - *Variety of actions supported including:*
 - ✓ *Ocean energy forum secretariat and support for development of roadmap for ocean energy*
 - ✓ *Study analysing challenges for sustainable development of coastal and maritime tourism*
 - ✓ *Seeking improved marine and maritime cooperation in the Mediterranean via a virtual Knowledge Centre*
 - ✓ *Study to establish a framework for processing and analysing maritime economic data and track performance of industries and businesses in a reliable evidence-based manner*

Integrated Maritime Policy

- ***Marine Strategy Framework Directive (MSFD) - implementation***

- *4 grant agreements concluded in 2015 (€2,5m) for improved MSFD regional-level monitoring, indicators, data, assessment and knowledge base*
- *For WP 2015 allocation, call for proposals to be launched soon providing grants for next phase of MSFD implementation*
- *Study finalised on development of measures to combat range of marine litter sources – results will be used for developing EU policy on marine litter reduction*

Scientific advice and knowledge

allocated	implemented	% implemented
15,7	11,6	74%

□ Main areas:

- Strengthening of **regional cooperation** in the field of fisheries data collection
- Support for the implementation of the CFP
 - ✓ Provision of advice by **ICES** (International Council for the Exploration of the Sea)
 - ✓ **STECF** (Scientific, Technical and Economic Committee for Fisheries)
- **Studies**

Scientific advice and knowledge

- *Strengthening of **regional cooperation** in the area of fisheries data collection:*
 - ✓ *First two grant agreements signed on 08/04/2015 (14 month duration including 2 month extension):*
 - 1) *Mediterranean and Black Sea*
 - 2) *North Sea and Eastern Arctic*
 - ✓ *Aim is to analyze main coordination activities & tools already in place in the 2 regions and; propose regional sampling plan for each area.*
 - ✓ *Report will be used for the establishment of the Regional Coordination Groups and national work plans.*
 - ✓ *Future grants will build on these first achievements.*

Scientific advice and knowledge

- Strengthening of **regional cooperation** in the area of fisheries **data collection**:
- Following areas of work have been chosen:
 - ✓ Drawing up of a sampling plan for commercial fisheries
 - ✓ Propose common methodologies to be followed by all MS within the same sea basin
 - ✓ Drawing up of a sampling plan for new ecosystem data
- Final outcome of grants will be a regional work programme for each area and wide regional consultation

Scientific advice and knowledge

- *Strengthening of regional cooperation in the area of fisheries data collection:*

Main outcomes of interim reports:

- *Cooperation between 2 grants (data quality)*
- *Med & Black Sea grant:*
 - ✓ *WP1: overview of current situation*
 - ✓ *WP2: agreement on stocks and common methodologies*
 - ✓ *WP3: agreement on stocks*
- *North Sea & Eastern Arctic grant:*
 - ✓ *WP2: agreement on stocks and common methodologies*
 - ✓ *WP3: additional work on small scale and recreational fisheries*

Scientific advice and knowledge

- **2014-2015 advice provided by ICES and STECF:**
 - ✓ **STECF** - 15-20 scientific reports to DG MARE over two years; mainly provision of scientific background for:
 - ✓ implementation of landing obligations and management plans
 - ✓ stock assessment in the Mediterranean and Black Sea;
 - ✓ Socio-economic situation of the EU fleet as well as aquaculture and processing sectors
 - ✓ **ICES** - biological advice on status of 164 stocks in 2014 and 231 stocks in 2015 .
 - Commission formulates its annual TAC proposals on basis of ICES advice

Scientific advice and knowledge

- ***Selection of studies, including those on-going***
 - ✓ *Availability and dissemination of DCF data: aims to build on outcomes of first feasibility study and outline IT solutions (future IT infrastructure) for DCF data availability and sharing; should allow for harmonisation at EU level, taking into account ongoing initiatives at regional level*
 - ✓ *Approaches to management of data-poor stocks in mixed fisheries*
 - ✓ *Tagging study to determine cod mortality sources in Irish sea*
 - ✓ *Implementation of landing obligation in Black Sea*
 - ✓ *Economic importance of activities ancillary to fishing in EU*

Control and enforcement

allocated	implemented	% implemented
31,0	8,1	26%

☐ *Main areas:*

- **Shared control chartering / purchase**
 - ✓ *call for applications in 2014 unsuccessful; single application received following 2015 call*
- *Development of IT*
- **Control missions:**
 - ✓ *450 (in 2015) missions to control and evaluate the implementation of the CFP.*

Control and enforcement

- ***IT services:***

- ✓ *Maintenance of IT systems to support CFP (e.g. EU Fleet Register)*
- ✓ *New systems delivered (ACDR, QUOTA, FLUX) on aggregated catch reporting, quota follow and transmission of fisheries data*
- ✓ *Projects under development*
- ✓ *VMS ERS Viewer (Executing phase)*
- ✓ *VINT (Executing phase) (Monitoring vessels in inter'l waters)*
- ✓ *FLEET (Planning phase)*
- ✓ *IT Technology Stack (Planning phase)*
- ✓ *LICENCE (Initiation phase)*
- ✓ *Support to users of DG MARE IT Systems*

Voluntary contributions

allocated	implemented	% implemented
14,1	13,1	93%

☐ **Contributions to International organisations:**

- ✓ *International Convention for the Conservation of Atlantic Tunas (ICCAT) – Atlantic-wide research programme for Bluefin Tuna*
- ✓ *Indian Ocean Tuna Commission (IOTC) – Scientific activities, annual meeting etc.*
- ✓ *Western Central Pacific Fisheries Commission (WCPFC) – tagging, shark-finning, workshops etc.*
- ✓ *FAO – General Fisheries Commission for the Mediterranean (GFCM) and Regional projects*
- ✓ *Other smaller contributions*

Voluntary contributions

- *ICCAT – Atlantic-wide research programme for Bluefin Tuna*
 - Objectives are to improve:
 - ✓ 1. *Data collection*
 - ✓ 2. *Understanding of key biological and ecological processes*
 - ✓ 3. *Assessment models and provision of scientific advice on stock status*
 - *Phase VI - envisages external review of results obtained so far*
 - *4 priority actions:*
 - ✓ 1. *Data mining and data recovery*
 - ✓ 2. *Biological and genetic sampling and analysis*
 - ✓ 3. *Tagging, both conventional and electronic*
 - ✓ 4. *New modelling approaches to stock assessment*

Voluntary contributions

- ***Support to fisheries conservation & management in Pacific Ocean***
- *Estimation of post release shark survival on Long Line and Purse Seine fisheries (WCPFC: €200.000 and IATTC: €150.000)*
- *Expected results: evaluation of effectiveness of conservation and management measures prohibiting catch and imposing the discarding of key shark species, in protecting and/or rebuilding key shark species populations in the Pacific*

Voluntary contributions

- *IATTC – Testing of non-entangling and biodegradable Fish Aggregating Devices (FADs)*
- *Objectives: identify means of constructing non-entangling FADs from biodegradable materials so as to decrease mortality of non-target species (e.g. sharks, turtles), while also minimizing ocean debris and pollution*
- *Project phases:*
 - ✓ *testing of the durability of biodegradable materials in a costal environment in order to identify the best prototypes for use*
 - ✓ *Deployment of FAD prototypes from tuna purse seine vessels to examine their effectiveness and viability under real fishing conditions*
- *Expected results: use of these non-entangling and biodegradable designs and materials to be recommended for adoption by fishermen*

Governance and Communication

allocated	implemented	% implemented
12,0	7,7	64%

□ Main areas:

• **Advisory Councils:**

- *Annual grants (€250.000) to each of 7 ACs in 2014 and 2015:*
 - ✓ *MED AC, BSAC, SWWAC, LDAC, PELAGIC AC, NWWAC, NSAC (3 new Advisory Councils established in 2016)*
 - ✓ *Regular advice to COM (~45 recommendations p.a. depending also on number of COM initiatives).*
 - ✓ *With the new CFP, also provide advice to MS, in particular for the development of the discard plans.*

• **External communication activities**

Governance and Communication

- **External communication strategy:**
 - ✓ *Audiovisual: 4 videos with total of 150.000 views on EUtube*
 - ✓ *Publications: magazines (25.000 subscribers), posters, infographics*
 - ✓ *Events: Seafood (Brussels), Expo Milan 2015, European Maritime Day (Piraeus)*
 - ✓ *Website: total of 1.7 m visits in 2015 (up 8% on 2014)*
 - ✓ *Electronic newsletter (11.900 subscribers)*
 - ✓ *Social media (12.000 twitter followers and 50.000 facebook likes)*

Market intelligence - EUMOFA

allocated	implemented	% implemented
9,9	8,1	82%

- ***Implementation of the new mandate of the European Commission (Art 42 CMO Regulation 1379/2013)***
 - ✓ *Facilitate access to data by all stakeholders*
 - ✓ *Analyse the supply chain*
 - ✓ *Filling the gap between available statistics and recent developments on the market*
 - ✓ *Reduce information gap between countries and operators*
 - ✓ *Improve knowledge dissemination*
 - ✓ *Contribute to transparency and sustainability*

Market intelligence - EUMOFA

- ✓ *Website available in 24 languages*
- ✓ *Studies of the cost structure of certain fish and fish products*
- ✓ *New data and historical series up to 15 years*
- ✓ *Practical TRAINING for public services, business organisations and producers organisations in France, Spain and Italy, and in DG MARE*

Market intelligence - EUMOFA

- ✓ *Development of EUMOFA as a reference knowledge centre*
- ✓ *Extension of data sets: new MS joining, 1st sales in volume & value, additional main EU partner trade data, consumption data*
- ✓ *New services:*
 - ✓ TACs and quota database
 - ✓ Prospective analysis tool and analysis
- ✓ *Ongoing studies on the supply chain in various markets*