

Deliverable Report

Deliverable No:	D1.13	Delivery Month			62							
Deliverable Title	Periodic Report, including financial and administrative reports for Mo 49-60											
WP No:	1	WP Lead beneficia			ry: P1. HCMR							
WP Title:	Project Management											
Task No:	1.4	Task Lead beneficia			P1. HCMR							
Task Title:	Communication Reporting	with the European	Commission (EC)	and	project Periodic							
Other beneficiaries:	P2. FCPCT	P3. IRTA	P4. IOLR		P5. UNIABDN							
P6. DLO	P7. IMR/NIFES	P8. IEO	P9. UL	P10. TU/e								
P11. AU	P12. APROMAR	P13. UNIBA	P14. IFREMER		P15. ULL							
P16. FUNDP	P17. NIFES	P18. CTAQUA	P19. CMRM		P20. SARC							
P21. DTU	P22. SWH	P23. ARGO	P24. ITTICAL		P25. DOR							
P26. GEI	P27. FORKYS	P28. CANEXMAR	P29. ASIALOR	P30. CULMAREX								
P31. IRIDA	P32. MC2	P33. FGM	P34. BVFi	P35	. MAHAL (MASZ)							
P36. ANFACO	P37. EUFIC	P38. HRH	P39.F2B	P40.GMF								
Status:	Delivered		Expected month:		60							

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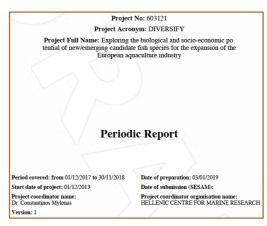
Other Scientists participating: Duncan, N. (IRTA), Montero, D. (FCPCT), Koven, W. (IOLR), Papandroulakis, N. (HCMR), Secombes, C. (UNIABDN), Tacken, G. (DLO), Robles, R. (CTAQUA)

Objective: The objective of this Deliverable is to update the projects' Scientific and Financial Officers of the work implemented and the use of resources during the last reporting period (Mo 49-60, December 2017 – November 2018).

Description: The 4th Periodic Report and Financial Report have been submitted through the Participants Portal on **28 January 2019**.

The preparation of the 4th Periodic Report begun in December 2018 (Mo 61) when almost all Deliverables had been submitted. Therefore, it included only a brief outline of the work done during the last reporting period

As before, to speed up the process of preparing the report, while at the same time ensuring that a uniform and high quality document is presented (both in terms of format and content), the





work has been delegated to all Consortium members as follows:

- a. The Lead Beneficiaries for each Work Package (WP leaders) have requested the text/figures/tables for each Task from the Task leaders, who were responsible to coordinate their writing with all scientists participating in their task. This process was supposed to be completed by **7 December 2018**,
- b. The WP leaders then compiled all the information into a single document for each Work Package, reviewed it for content/format/editorial errors and submitted it to the GWP leader for each scientific discipline (14 December 2018),
- c. The GWP leaders would then compile all the Work Packages into a single document for each GWP, review it for content/format/editorial errors and submit it to the PC (31 December 2018),
- d. The PC then compiled all the GWPs into a single document to prepare the 4th Periodic Report and reviewed it for content/format/editorial errors (20 January 2019),
- e. The GWP leaders were also asked to prepare the following information:
 - i. 3.1 Publishable Summary (0.5 page per GWP),
 - ii. 3.2.1 Project objectives for the period (0.5 page per GWP),
 - iii. 3.2.2 Project progress and achievements for the period (1 page per GWP).

This information was again submitted to the PC for incorporation in the Periodic Report. The PC prepared

the remaining sections required (e.g., 3.2.3 Project management for the Period, Deliverables and Milestones, etc.) and completed the 3rd Periodic Report by 20 January 2018, and was ready to be uploaded in the Participants Portal (**Fig. 1**).

However, the 3rd Periodic Report was submitted on 14 February 2018. The delay in the submission was caused by (a) a delay of a number of partners to submit their financial statements (see later for a more detailed explanation), (b) some disagreements between the PC and some partners regarding their financial reports, and (c) the loss of the password for accessing the ECAS system by two partners.

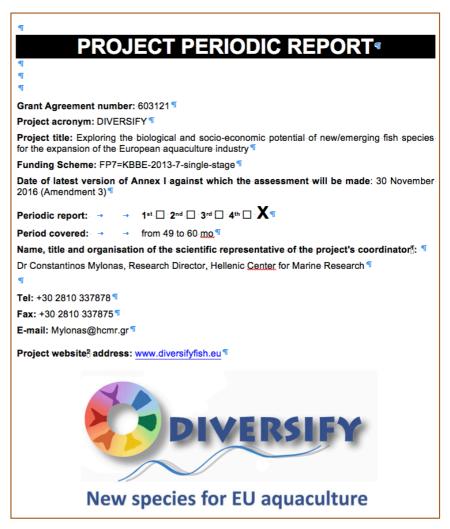


Figure 1. The cover page of the 4th Periodic Report of DIVERSIFY, submitted on 28 January 2019.

At the same time, Partners were also given instructions on the preparation of the use of resources, which would be used to prepare the Financial Reports (Form C). Partners were reminded that each Partner has requested a specific budget, and allocated the EU support to clearly defined and described types of expenses, such as Personnel, Subcontracting, Travel, Consumables, Durable Equipment and Other types of expenses.

In terms of the **Scientific Report**, it begun with an outline of the Project's objectives for the Reporting Period, in the WPs of each of the included Scientific Disciplines (**Fig. 2**). Then, a brief description followed of the work implemented in every WP during the reporting period, together with a clear explanation of any necessary or unavoidable deviations from the DOW.

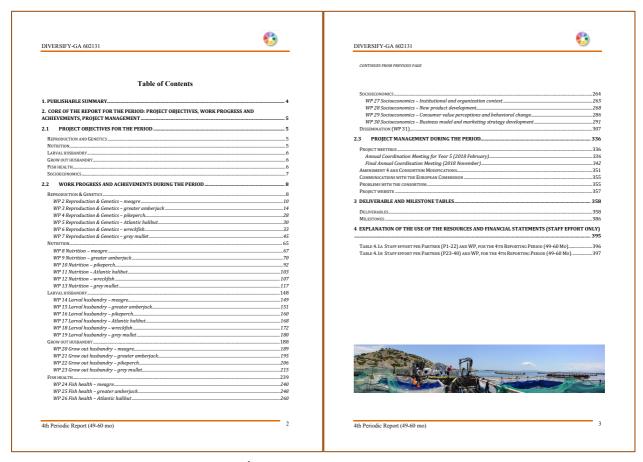


Figure 2. The Table of Contents of the 4th Periodic Report (Mo 49-60, December 2017-November 2019).

A section on "**Project management during the period**" then followed, which included information on the amendment requested in July 2018 (no 4) due to (a) the universal takeover of two partners and (b) the need to make some reallocation of funds between partners and modifications in the implemented work. One Partner changed its name and status (P35. MASZ became P35. MAHA), and another was taken over by an existing partner (P17. NIFES was taken over by P7. IMR). A reallocation of funds resulted from either savings from some partners, or transfer of activities from one partner to another. These transfers enabled us to implement all the work proposed in the DoW, but in some cases also enhanced the implementation of the DoW, resulting in more work being done and better results obtained. The proposed modifications are

described below. As always, the majority of the modifications were already discussed and approved by the scientific office of the project (Dr Marta Iglesias) prior to the application for the amendment.

The Report also explained some problems that were faced in the implementation of the work planned for one of the SME partners (P28. CANEXMAR). In general, there was very poor communication with this Partner, having missed many Coordination Meetings, and not interacting well with the scientific partner who invited them into the consortium (P2. FCPCT), was the WP leader of one of the two WP that CANEXMAR was involved (WP 9), and was responsible for overseeing the work of CANEXMAR -based on the DOW. This lack of communication resulted in the following issues in the two WPs that CANEXMAR was involved.

In WP 9 Nutrition – greater amberjack, a study was planned to examine the "Performance of grow-out diets for greater amberiack developed in order to maximize growth potential" (Deliverable 9.3). The deliverable was expected to describe the effects of the improved diet including a) detailed information about the on-growing rearing conditions, b) growth performance, c) survival, d) feed efficiency and e) significance for the industry. The efficiency of the developed grow-out diet on fillet quality was also to be determined. Unfortunately, the study was discontinued before the fish reached harvestable size, in less than a year after the juveniles were stocked in the sea cage. Although not explicitly stated in the Deliverable 9.3, the company seems to suggest that they discontinued the experiment because they noticed a parasitic infection in greater amberjack, which was also found in their gilthead seabream (Sparus aurata) stocks and it appeared to increase in time. There is no mention or description of the identity of the parasite, apart from belonging to the Monogenea group. It is important to note that, based on the available scientific literature, parasites are extremely species-specific and they do not usually infect fish other than their natural host. So, it seems extremely doubtful that the same parasite species infected both the greater amberjack and the gilthead seabream. However, without any proper description and documentation of the parasite, it is impossible to know what was the situation. Also, there was supposed to be an evaluation on fillet quality at the end of the rearing, which was not done, without any explanation by CANEXMAR.

This situation first surfaced in the ACM 2018 (January 2018), but as neither of the researchers responsible for this Task from CANEXMAR or FCPCT were present at the meeting, it was not possible to get a clear idea of the status of the work. In a reply to my inquiry, CANEXMAR said that the reason the task has not been implement was because they never got any information from the scientific partners coordinating the task. The Project Coordinator confirmed that the Task was not implemented properly when the partner submitted the Deliverable in November 2018. No credible explanations on the deviation from the DOW were provided by CANEXMAR, and obviously there was no time available to request a repetition of the experiment. Therefore, *D9.3 Performance of grow-out diets for greater amberjack developed in order to maximize growth potential* has been submitted incomplete (See "Deviations" in the Deliverable).

Another problem existed also in **WP 21 Grow out husbandry - greater amberjack**. The obligation of CANEXMAR in this WP (Action 21.1.2) was to examine the effect of rearing greater amberjack in floating vs submersible cages. The experiments planned in the DOW described the use of a floating and a submersible cage for two (2) consecutive growing periods (years). However, the work has not been undertaken in its full, and only a floating cage was employed and only for a single rearing period (January to November 2017). As with problem with WP 9 above, the situation first surfaced in the ACM 2018 (January 2018), but again as neither of the researchers responsible for this Task from CANEXMAR or FCPCT were present at the meeting, it was not possible to get a clear idea of problem. The company has not provided the Project Coordinator with adequate explanation, but it seems that the company faced some problem with licensing for the cage site, heavy mortalities of the juveniles during transfer from the hatchery to the cages, and breakage of the cages. Therefore, **D21.2 Definition of optimum conditions for cage culture of greater amberjack has been submitted incomplete** has been submitted incomplete (See "Deviations" in the Deliverable).

Based on the above, the Project Coordinator does not believe that this partner is justified to claim full costs for the work, as they failed to implement the work as planned in the DOW, have failed to communicate the issue to the Project Coordinator and have not provided adequate and timely explanations for these failure, so that the consortium could take corrective measure within the course of the project. These issues, and the decision not to accept the financial claims of P28. CANEXMAR have been communicated clearly and explicitly both to the Scientific Officer Dr. Marta Iglesias and the Financial officer Mrs. Annemie Van Vaerenberg via emails and via the submission of the "Minutes of the Annual Coordination Meeting 2018 (for Y5)", submitted on 24 February 2018.

As required, the 4th Periodic Report included also a part that was completed through the Participants Portal (**Fig. 3**), which included the following:

- a summary description of the project context and the main objectives,
- a summary of the work performed since the beginning of the project and the main results achieved so far,
- a description of the expected final results and their potential impacts and use (including socioeconomic impact and the wider societal implications of the project so far),
- lists of Deliverables and Milestones that were due until Mo 60 of the project (Fig. 4).

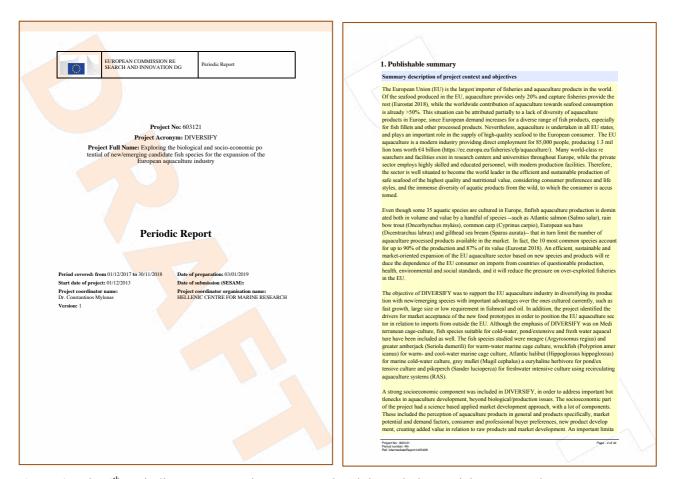


Figure 3. The 4th Periodic Report part that was completed through the Participants Portal.

3. D	eliver <mark>ables and m</mark>	ilest	ones	tables						
Deliv	verables (excluding the	e peri	odic a	nd final reports)						
Del. no.	Deliverable name	Ver sion	WP no	. Lead beneficiary	Nature	Dissemination level	Delivery date from Annex I (proj month)	Actual / Forecast delivery date	Status	Comments
1	Kick-off meeting	1.0	1	HELLENIC CENTRE FOR MARINE RE SEARCH	Other	RE	2	10/02/2014	Submitted	
2	Consortium Agreement	2.0	1	HELLENIC CENTRE FOR MARINE RE SEARCH	Other	СО	3	13/03/2015	Submitted	
3	Annual Coordination Meeting for Y2	1.0	1	HELLENIC CENTRE FOR MARINE RE SEARCH	Other	RE	13	28/11/2014	Submitted	
4	Periodic Report, including financial and administrat ive reports for Mo 1-12	1.0	1	HELLENIC CENTRE FOR MARINE RE SEARCH	Report	СО	14	23/01/2015	Submitted	
5	Interactions with other projects	1.0	1	HELLENIC CENTRE FOR MARINE RE SEARCH	Report	RE	18	29/05/2015	Submitted	
6	Annual Coordination Meeting for Y3	1.0	1	HELLENIC CENTRE FOR MARINE RE SEARCH	Other	RE	25	07/03/2016	Submitted	
7	Mid-term evaluation of progress	1.0	1	HELLENIC CENTRE FOR MARINE RE SEARCH	Report	PU	30	22/11/2016	Submitted	
8	Periodic Report, including financial and administrat ive reports for Mo 13-30	1.0	1	HELLENIC CENTRE FOR MARINE RE SEARCH	Report	СО	32	01/08/2016	Submitted	
9	Annual Coordination	1.0	1	HELLENIC	Report	RE	37	10/03/2017	Submitted	

Figure 4. The section of the 4th Periodic Report completed though the Participants Portal, showing the Deliverable and Milestones.

The Financial Reports begun to be submitted to the PC by mid December 2019, and they were evaluated by the Project Manager of P1. HCMR (Mr Ioannis Fakriadis). As for the previous reports, unfortunately a lot of modifications and back-and-forth was necessary by the Project Manager with the forms of some partners. This was necessary in order to streamline the forms of each partner to ensure (a) uniformity among partners and (b) correctness and agreement with the EC's rules for financial reporting. In addition, as some partners submitted also adjustments to the previous reporting periods, the process of preparing the Financial Reports took quite some time. As also mentioned in the beginning, the PC had some disputes with two partners, which also caused delays. After any necessary modifications and a few rounds of exchanges with each Partner, the Form Cs were concluded and submitted officially to the PC (Fig. 5).

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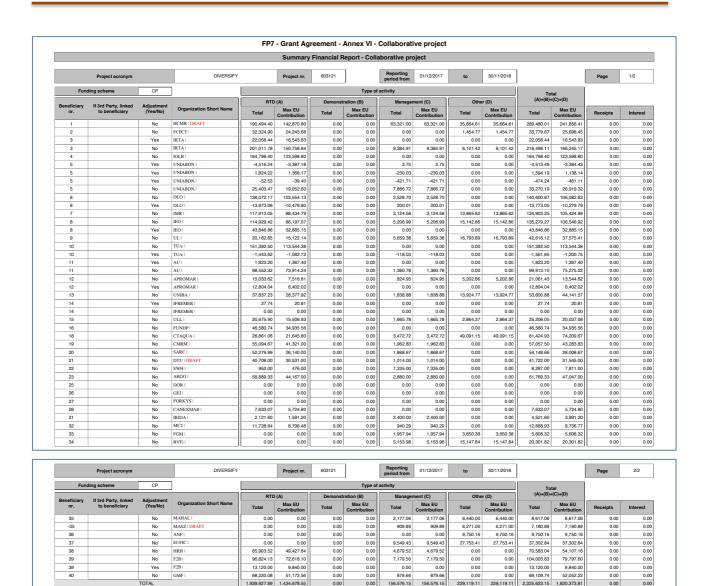


Figure 5. Summary Financial Report, submitted on 28 January 2018.

Deviations: There were no deviations from the DOW.

