



SERVIZIO AREE PROTETTE FORESTE
E SVILUPPO DELLA MONTAGNA

TIPO ANNO NUMERO
REG. NP
DEL

EUROPEAN COMMISSION
Executive Agency for Small and Medium-sized
Enterprises (EASME)
Department B – LIFE and H2020 Energy,
Environment & Resources
Unit B3 – LIFE and CIP Eco-Innovation
Head of Unit
Mr. Manuel MONTERO RAMIREZ

Neemo
Via Niccolini, 7
56017 San Giuliano Terme (PI)
Mr. Alberto Cozzi

Subject: Amendment request - LIFE14NAT/IT/000290 LIFE EREMITA.

Dear Mr. Manuel Montero Ramìrez,

Following in-depth assessments, after consulting all project beneficiaries and the external monitor, we have come to the conclusion that a request of amendment to the project is necessary.

In the following pages we explain the reasons and methods of the request.

Yours sincerely,
Paolo Ferrecchi
Director

MP_lettera_trasmissione_LIFE EREMITA_amendement



Con il contributo dello
strumento finanziario
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Following the monitoring action A2, for *Graphoderus bilineatus* a much more critical situation has been detected compared to the one reported in the Natura 2000- Standard data form on which the project scheme was based. Even though the investigation on *G.bilineatus* (Action A2) has been developed on 14 Natura 2000 sites and in particular on 110 basins during the 2016 and 2017 years, the species has been detected with 6 individuals in total of which 5 in 2016 and 1 in 2017, only in one site: Lago Pratignano (MO).

These numbers clearly show that the population in Lago Pratignano is too weak to permit the withdrawal of founders to start the breeding activities as foreseen by Action C4 in the 2 breeding facilities of MAR and PNATE. The Monitor has been constantly updated regarding the situation, as requested with EASME communication of 15/09/2017, through monthly reports and through frequent Skype meetings. The situation has also been discussed during the monitoring visit of 12-14 June 2018 and during the Focus Group of 03/07/2018 in which the Monitor participated (Folder: deliverable file: F2_minuteFG, attached to the midterm report). Furthermore, the CB has verified the possibility of taking founders from other areas in Italy, however contacts with competent services among Lombardy and Piedmont Regions, where the species had been detected in the past have had negative results. In particular UTB-Bosco Fontana, managed by Carabinieri Forestali, has been contacted, as well as IPLA (Istituto per le piante in legno e per l'ambiente) on behalf of Piedmont Region. The correspondence is attached (mail_CFS.pdf; mail_IPLA.pdf.). The request was aimed at obtaining news on the presence of the species where it was observed. Moreover, this year the Lombardy Region in the update request by Environment Ministry about art. 17 declared that *G.bilineatus* is no longer observed in Natura 2000 sites of Lombardy Region (news acquired verbally).

Consequently, we proceeded with the alternative scenario, as foreseen by GA of Action C4, and defined a species recovery plan (Folder: other documents file A7_ActionPlan, attached to the midterm report), which foresees the utilisation of individuals of *G.bilineatus* from other European populations (discussed during the 3rd monitoring visit on 12-14 June and confirmed by your letter 17/07/2018 EASME B3/MMR/hm/D(2018)4243625). The definition of this intervention has been decided upon following necessary and mandatory steps in order to carry out a feasible operation.

1. On 18/10/2016 the Emilia-Romagna Region convened a specific meeting (Focus Group foreseen by action F2 of the project) about the operation with Dr. Genovesi from Ispira and Prof. Paolo Audisio from University "La Sapienza" of Rome, in which an alternative hypothesis was elaborated that foresaw an in-situ conservation plan for *Graphoderus bilineatus*, by utilising samples from European populations (Folder: Other documents, file F2_MinuteFG_18_10_2016, attached to the midterm report).
2. Based on this alternative hypothesis, the CB Emilia-Romagna Region has appointed (on the 29/12/2017 and delivering the final document on the 15/07/2018) the University of Padua (responsible for the research: Prof. Congiu) for a study on the genetic variability of *G.bilineatus* through the utilisation of samples from different European Countries (Croatia, Hungary, Lithuania). The purpose of this study was to identify the closest genetic population to the one detected in Lago Pratignano (Folder: Other documents, file: A7_ Genetic_analysis attached to the midterm

report). The survey on genetic variability observed in gene for mitochondrial COI has detected that the population located in Lago Pratignano has a genetic diversification that is very low. Other European populations have a larger genetic diversification, none of the other populations show the same haplotype as the one in Pratignano and no significant relation has been detected between genetic distance and geographical distance of the populations.

3. On 7/06/2018 a Skype meeting was held between Dr. Genovese, Prof. Audisio and Prof. Congiu wherein the results of the genetic investigation were discussed. Dr. Genovese stressed the definition of an alternative plan for the conservation of the species in Italy. This included considering the modification of the project action of LIFE EREMITA in order to set up a restocking plan in suitable sites already investigated during the project but different from Lago Pratignano where this specific haplotype is located.
4. On the 3rd of July 2018 a meeting was held at the Emilia-Romagna Region headquarters of a specific Focus Group addressed to technical referents and the project entomologists with the participation of Monitor Mr Alberto Cozzi, Prof. Audisio and Prof. Congiu. In this meeting the potentially suitable sites were shown and a possible restocking plan discussed. The need for the definition of a specific working group was identified as well as a plan able to identify source sites (Folder: Other documents, file: F2_MinuteFG_03_07_2018, attached to the midterm report).
5. With Act n° 13250 of the 13/08/2018 the working group “Focus group for *G. bilineatus*” has been established in order to elaborate a prompt alternative and emergency strategy, which foresaw the definition of a feasibility plan for restocking *G. bilineatus* and in consequence, the elaboration of an added protocol to modify the LIFE project addressed to the European Community (EASME). You can find it attached (Folder: Other documents, file: F2_Appointment_FG)
6. The taking of founders from abroad has been activated with a network that involves more than 15 European research groups (Folder: Other documents, File: F3_graphoderus_netoworking) and at least 3 research groups available have been identified. Three countries - Sweden, Latvia, Croatia - have on their own territory sites with populations able to guarantee the withdrawal of founders of *G. bilineatus* to restock the project's sites (Folder: Other documents, file F3_mail_HR_SE_LE).

Among the 15 research groups, the project manager of LIFE RigKilde demonstrated willingness to network. In a communication of 12/09/2018 (Folder: Other documents, File: F3_RigKilde_G.bilineatus, attached to the midterm report) he communicates that founder samples are unavailable, but he remains interested in an experience exchange. The LIFE RigKilde project foresees the ex-situ breeding of *G. bilineatus* and its introduction in new sites in Denmark. To this end collaboration is in progress with the Swedish research group we identified, led by Dr. Tommy Karlsson. The networking with project LIFE RigKilde has been considered useful for the aims of the LIFE Eremita project and inserted as a proposal within action F3.

Individuals taken through a defined and specific monitoring campaign among sites abroad will be moved to Italy and temporally stocked in the two facilities for *G. bilineatus* breeding set up at PNATE and MAR; this is to allow the needed adaptation operations in basins where the species will be introduced. The same facilities will be utilised for the next breeding activities, according to the restocking plan. The restocking process will be done in at least **2 basins**, one with eco-morphological and climate characteristics similar to the Croatia sites from which the first founder samples will come, probably in the oriental sector of Emilia-Romagna Region. The other basin will be in the high Apennine zone (above 1,000 metres) with eco-morphological and climate characteristics similar to the Swedish sites from where the second founder samples will come, in the occidental sector of Emilia-Romagna Region.

The recovery plan considers the collaboration with Latvia as secondary and subordinate, should we not receive the necessary number (minimum 50) of individuals from Sweden.

With this communication a substantial modification for project prolongation and content of the actions A7, C2, C4, C5, D1, F1, F3 is requested for reasons already expressed. The modification transforms the foreseen activities for one of the four target species, *G. bilineatus*, with a consequent extension of 18 months (new deadline of the project 30/06/2022) to allow for the development of the new species conservation actions and the necessary monitoring to evaluate their efficiency.

The extension will allow us to reach all of the project's objectives, in particular the increase of the *G. bilineatus* population of Emilia-Romagna Region and in Italy, accomplishing at least one entire life cycle of the individuals after the **introduction of 50 founders per site**.

The substantial modification foresees the modification of the content of some actions (Technical modifications) as follows:

Action	Content
A7	<p>In relation of what is foreseen by the approved Submitting Form, we would like to add:</p> <p>A specific Restocking Plan will be written for <i>G. bilineatus</i> and for activities aimed to request authorisation to withdraw individuals from European Countries and for the specific restocking activity (feasibility study that must be sent to Italian Ministry). The plan must contain useful indications to choose the source population where the individuals from abroad will be taken and for the choosing of target sites in Italy aimed at starting the restocking intervention. It should also include criteria that must be taken under consideration for the recovery of the Italian population of <i>G. bilineatus</i>, by considering the "Linee guida per l'immissione di specie faunistiche di Ispra" (2007) and the "Guidelines for Reintroductions and Other Conservation Translocations" IUCN (2013).</p> <p>Guidelines and costs have been already provided to request authorisation to withdraw individuals from Sweden and Croatia. The restocking plan in Italy will be sent to Environment Ministry and must obtain a positive result from Ispra.</p>

	The necessary genetic investigations have already been done by University of Padua under the project activities.
C2	The analysis done on suitable basins at regional level aimed at hosting the restocking activities of <i>G. bilineatus</i> has observed that the identified basins are already suitable, without the need of more recovery interventions or threat removal.
C4	The captive breeding activities for <i>G. bilineatus</i> will be replaced with restocking activities. The facilities set up to breed <i>G. bilineatus</i> and <i>O. eremita</i> , will also be used for temporary stocking of <i>G. bilineatus</i> individuals taken from abroad, until the end of restocking activities, as well as for other possible breeding activity in the future.
C5	In relation to what was foreseen by the approved Submitting Form, the number of individuals of <i>G. bilineatus</i> that will be introduced will be lower but able to ensure the achievement of an entire life cycle of the transferred individuals. 100 captive individuals capable of reproducing will be introduced.
D1	The ex-post evaluation of the efficiency of the ex-situ reproductive activities will be done with reference to <i>O. eremita</i> . As concerns <i>G. bilineatus</i> , the stocking efficiency will be measured.
F1	Activity for an additional 18 months, and submission of one additional progress report.
F2	<p>A specific Focus Group for <i>G. bilineatus</i> has been established.</p> <p>With Act n° 13250 of the 13/08/2018 a working group “Focus group for <i>G. bilineatus</i>” has been established to elaborate a prompt alternative and emergency strategy, which foresees the definition of a feasibility plan for restocking <i>G. bilineatus</i>. The group will monitor restocking activity results and will define corrective actions if necessary.</p> <p>Find below role and function of FG’s component:</p> <p>Name: Monica Palazzini Role: CB Project Coordinator Function: responsible for writing and realisation of the restocking plan and of the added modification protocol of the project that should be sent to EASME</p> <p>Name: Elena Chiavegato Role: support to the CB Project Coordinator Function: support in carrying on the restocking plan activities and of the added protocol</p> <p>Name: Ornella De Curtis Role: support for technical-scientific aspects Function: scientific support in all phases to define and realise the restocking plan and the added plan.</p> <p>Name: Cristina Barbieri Role: Project Manager and Technical Coordinator</p>

	<p>Function: coordination of activities in support to the Coordinator; writing of the added modification protocol (technical and administrative aspects), control of timing and other necessary compliance.</p> <p>Name: Roberto Fabbri Role: entomological support to technical coordinator Function: in-depth monitoring of suitable sites; operative participation in restocking phases, including abroad sampling campaigns and further monitoring.</p> <p>Names: Massimiliano Costa (MAR), David Bianco (MEOR), Davide Alberti (PNFC), Fausto Minelli (MEC), Renato Carini (MEOC), Willy Reggioni and Francesca Moretti (PNATE). Role: ABs Technical Managers Function: responsible for specific surveys of suitable sites for the restocking plan: verification of area availability, competent authorisation, and implementation of in-depth fact-finding surveys. Possible participation in monitoring campaigns abroad. Participation to the definition of the restocking plan and added protocol.</p> <p>Name: Paolo Audisio Role: Scientific supervisor for <i>G. bilineatus</i> Function: scientific supervisor for the restocking plan of <i>G. bilineatus</i></p> <p>Name: Leonardo Congiu Role: Scientific manager for genetic surveys Function: scientific contribution regarding evolution and genetic biology of <i>G. bilineatus</i></p> <p>Names: Gianluca Nardi, Giovanni Carotti Role: entomologists Function: in-depth analysis of suitable sites, operative participation in restocking plan phases, including sampling campaigns abroad, and further monitoring.</p>
F3	<p>The network will be strengthened with experience exchanges with other projects focused on <i>G. bilineatus</i> and with foreign institutions willing to provide individuals, both for the definition of the Restocking Plan and for the introduction of individuals. A workshop will be held in the first semester of 2019 at CB and AB headquarters hosting research groups from countries where source populations of <i>G. bilineatus</i> are located in order to better plan the monitoring activities for the withdrawal of founders and plan the translocation. Two researchers per each group will be hosted, the visit will last 3 days at least, and will take place at CB headquarters and in the sites (lakes, basins) involved in <i>G. bilineatus</i> repopulation activities.</p>

A detailed timetable for the implementation of the restocking of *Graphoderus* is illustrated in the table below.

ACTIVITY	2019				2020				2021				2022	
	1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T	1T	2T
WRITING OF SPECIFIC RESTOCKING PLAN FOR <i>G. BILINEATUS</i>	X	X												
SENDING OF AUTHORISATION REQUEST TO DONOR COUNTRIES	X	X												
OBTAINING OF THE ABOVE WRITTEN REQUEST		X	X											
SENDING OF OPINION REQUEST TO THE MINISTRY AND ISPRA ABOUT THE RESTOCKING PLAN			X											
OBTAINING OF OPINION FROM MINISTRY AND ISPRA ABOUT THE RESTOCKING PLAN			X	X										
WORKSHOP AIMED AT PLANNING THE ACTIVITY		X												
1ST WITHDRAWAL OF INDIVIDUALS FROM DONOR SITE						X	X							
TEMPORARY STOCKING UNTIL THE END OF RESTOCKING ACTIVITY OF <i>G. BILINEATUS</i> INDIVIDUALS FROM ABROAD						X	X							
1ST RELEASE						X	X							
2ND WITHDRAWAL OF INDIVIDUALS FROM DONOR SITE										X	X			
TEMPORARY STOCKING UNTIL THE END OF RESTOCKING ACTIVITY OF <i>G. BILINEATUS</i> INDIVIDUALS FROM ABROAD										X	X			
2ND RELEASE										X	X			
MONITORING – ACTION D2						X	X			X	X			X

The technical modification requires an **extension period by moving the deadline of the project from the 31/12/2020 to the 30/06/2022** (Extension of the project duration). The extension is in function of the monitoring of restocking activities: the individuals will be released in 2019 and 2020, while the monitoring will be in 2020 and 2021. The monitoring of 2020 serves for the evaluation of the efficiency of restocking activities, and possibility to improve the plan. All project beneficiaries have agreed upon the deadline of the project as well as the technical modification; also those not directly involved were in favour.

efficient and wider information and training campaign with all the main foreseen stakeholders. The measures and management guidelines for the conservation status of the species habitats and the restocking plans will allow the managing bodies of the Natura 2000 network within the Region to implement conservation actions more efficiently above all in private woodland, where the only tool for safeguarding species and habitat is raising awareness among the property owners.

In the case of extension a modification of delivery date of deliverables is needed with a continuation of activities as reported by the following table.

The extension would require in consequence a further Progress Report in order to respect the 18 months terms between one report and the next one (15/09/2021).

Moreover, as specified in Letter Amendment n° 2, the modification of article II.23.2 establishes that a certificate related to financial account is necessary only for beneficiaries that benefit from a total contribution as reimbursement of real costs as per annex III of at least 750,000 EUR. In this specific case none of the beneficiaries will benefit above the contribution threshold, therefore the external auditor does not need to be designated, and the action will be deleted. The savings from these actions that will be reused amount to 10,200 Euro.

If the substantial modification of the project is not approved, the safeguarding action will not be carried out on one of the project target species, *G. bilineatus*. This species is included in Annexes II and IV of the Habitats Directive 92/43/CEE, in Appendix II of Berna Convention and is classified as “vulnerable” by IUCN because rare and in sharp decline in many areas of Europe, and extinct in other European countries. The risk is the extinction of the species in the Emilia-Romagna Region and in Italy.

New timeline of actions

[illegible]

Project budget and modification of economic framework related to amendment

The technical modification requested implies a non-substantial variation of the budget within budget categories, in particular the categories "Personnel", "Other costs" towards category "External Assistance". The Coordinating Beneficiary Emilia-Romagna Region will cover the cost of the added actions is estimated to be 80,280 Euro all in External Assistance with savings realised by not hiring additional staff (euro 70,080 in Action F1, Personnel) and the recovery of the funding designated to the auditor (10,200 euro for Action F4, Other costs).

Other beneficiaries decided to reinvest savings in order to cope with the deadline postponement:

- MAR has transferred 38,521.82 Euro from action C2 to action C4 under External Assistance category (35,000 Euro) and from Equipment to External Assistance (3,521.82 Euro);
- PNATE has transferred 28,800 Euro (27,500 from Equipment action E7 to Personnel in order to support actions C4 (14,000 Euro), C5 (4,400 Euro), D2 (9,100 Euro), and 1,300 from Consumables action E7 to Personnel action F2.

Total transfers between cost categories related to amendment (specifically action for *Graphoderus* and deadline postponement amount to 147,601.82 Euro.

The Coordinating Beneficiary Emilia-Romagna Region transmitted a specific request to other project beneficiaries and the new economic framework has been approved during the last technical and administrative board on 19th November 2018.

The actions where a change of costs are predicted (the amount refers only to what concerns the amendment):

- Action A7 (increase of 13,000 Euro), writing of the restocking plan on *Graphoderus bilineatus*, which is more complex because it is necessary to withdraw founders from abroad (2 Member States at least). Furthermore, it is necessary to request authorisation in these countries following specific guidelines. The compliance standards are much more complex in relation to the original Proposal.
- Action C2 (decrease of 38,521.82 Euro) due to a budget movement in favour of the captive breeding and restocking actions for *Osmoderma eremita*, which follows from the fact that the basins identified with Action A4 (monitoring of aquatic insect habitats) are either already suitable, or their suitability cannot be increased by environmental restoration and improvement interventions, due to the presence of invasive alien species, whose removal is impossible within this project.
- Action C4 (increase of 52,521.82), the captive breeding activity has been strengthened in PNATE and MAR for *Osmoderma eremita*, taking into consideration the good results of the 1st year of breeding activity, moreover the activity has been extended by 1 year

- Action C5 (increase of 40,680), the action has a higher cost because specimens of *G.bilineatus* must be withdrawn from sites abroad with monitoring campaigns that are much more demanding, given the number of specimens that need to be caught (n° 50 per country)
- Action D1 (increase of 8,543 Euro) because the monitoring is extended by 1 year;
- Action D2 (increase of 9,100 Euro) because the monitoring is extended by 1 year;
- Action E7 (decrease of 28,800 Euro): the AB (PNATE) has renounced the acquisition of some equipment (2 cases for video projector, 1 case for media server, 2 video projectors, 1 cargo trailer, 1 sheet for video projection, 2 watchouts, 1 notebook and video card) making available their own for the editions of the Pala Eremita Tour, thus allocating the savings on their conservation actions (C4, C5 and D1, D2). In general, in the Proposal the monitoring actions have not been adequately quantified, the post-intervention monitoring activity is essential for the evaluation of the expected results.
- Action F1 (decrease of 47.080). From the new economic framework it emerges that the amount of Action F1's cost decreases despite the request of extension of the project by 18 months. This is, above all, attributable to the shift in the cost foreseen by the CB RER from additional staff for the F1 action to External Assistance (70,080 Euro), in part for the same action (23,000 Euro) and in part for the A7, C5 and F3 actions. The continuity and efficiency of management is ensured by the fact that part of the work initially envisioned as being provided by additional staff, is carried out by PM's work (External Assistance).
- Action F2 (increase of 1,350 Euro) for participation, by some beneficiaries, at specific Focus Group for *G. bilineatus*
- Action F3 (increase of 8,000 Euro) networking has been reinforced with the exchange of experience in workshops and other projects among institutions that are willing to provide specimens of *G. bilineatus*.
- Action F4 (decrease of 13,566 Euro): the action budget has been deleted because the appointment of an independent auditor is no longer necessary, and funds reallocated to the actions involved in the technical modification.

Project budget and modification of economic framework independent from amendment

During the project some budget adjustments were made by the beneficiaries, both due to errors in the application phase and to reinvest the savings.

Details of the modifications of the budget, not related to the amendment illustrated in the table below:

FROM COST CATEGORY	SHIFT (€)	Action	To COST CATEGORY	BENEFICIARY	TOTAL (€)
Travel	10,031	From various actions to E2 and E7	Personnel	RER	10,031
Infrastructure	23,400	From C4 to C4	External Assistance	MAR	64,410
Infrastructure	4,000	From C4 to C4	Other costs		
Infrastructure	1,000	From C4 to C4	Consumables		
Infrastructure	1,600	From C4 to C4	Overheads		
Personnel (Additional Staff)	34,410	From various actions to the same actions	External Assistance		
Equipment	695	From A2 to C3	Personnel (Additional Staff)	MEOC	5,975
Consumables	950	From A2 to C3	Personnel (Additional Staff)		
Travel	4,330	From various actions to C5 and D4	Personnel (Additional Staff)		
Travel	4,150	From various actions to A2 and A3	External Assistance	MEOR	10,073.18
External Assistance	633.18	From C3 to C3	Equipment		
Equipment	5,290	From A2 to D4	External Assistance		
Travel	17,870	From various actions to D1, D2 and D4	External Assistance	PNFC	33,650
Personnel (Additional Staff)	30,780	From C3, C4, C5 to same actions	External Assistance		
External Assistance	15,000	From F1 to F1	Personnel		
REALLOCATION OF ACTIONS WITHIN THE SAME COST CATEGORY:					
FROM COST CATEGORY	SHIFT (€)	Action	To COST CATEGORY	BENEFICIARY	TOTAL (€)
Personnel	3.366	From F4 to F1	Personnel	RER	3.366
External Assistance	8.780,80	From E2 and E4 to F1	External Assistance	RER	13.255,66

		(Translation costs)			
External Assistance	35.000	From C2 to C4	External Assistance	MAR	35.000
External Assistance	5.000	From C2 to C1	External Assistance	MEOC	6.900
Personnel	950	From A7 to F2	Personnel		
Personnel	380	From C2 to E5	Personnel		
Personnel	570	From C2 to F1	Personnel		
External Assistance	5.000	From C2 to C1 and D2	External Assistance	MEOR	5.000
External Assistance	20.000	From C2 to C1	External Assistance	PNFC	20.000

The costs of translation are covered by savings realized under the same budget line in the action E2 and E4.

This further modification to the budget, most already communicated in the first Progress Report sent to EASME on 4 April 2017, associated to the modifications related to the amendment, do not present variations above those foreseen by article II.22 of General Condition as follows: *“beneficiaries are allowed to adjust the estimated budget set out in Annex III by transfers between themselves, and up to a limit of 20% of the overall eligible costs, between the different budget categories, without this adjustment being considered as an amendment of the Agreement”*. The percentage reached with the budget modification is 8.73%. A detailed account of the situation can be found in the annex Financial Table.

Financial table

	Original budget		Revised budget		Variation eligible costs		Comment	
Budget item	Total eligible costs in € (A)	% of total eligible costs (B)	Total eligible costs in € (C)	% of total eligible costs (D)	In € (E=C-A)	In % (F =[C/A-1]x100)	From ... to category	From category to ...
1. Personnel	761,718	35.81%	686,254	32.26%	-75,464	-9.91%	10,031 € from Travel various actions to Personnel E2 (5,000 euros) and E7 (5,031 euros). € 695 from Equipment Action A2 to Personnel Action C3. € 950 from Consumable Action A2 to Personnel action C3. € 4,330 from Travel various actions to Personnel (€ 2,000 C5 action and € 2,330 D4 action). € 15,000 from External Assistance action F1 to Personnel action F1. € 27,500 from Equipment action E7 to Personnel actions C4, C5, D2. € 1,300 from Consumable action E7 to Personnel action F2.	€ 34,410 from Personnel (actions A, C7 and E5) to External Assistance same action. € 30,780 from Personnel actions C to External Assistance actions C. € 70,080 from Personnel action F1 to External Assistance actions A7, C5, F1, F3.

2. Travel	88,941	4.18%	52,560	2.47%	-36,381	-40.90%	<p>10,031 € from Travel various actions to Personnel actions E2 (5,000 euros) and E7 (5,031 euros).</p> <p>€ 4,330 from Travel various actions to Personnel (€ 2,000 Action C5 and € 2,330 Action D4).</p> <p>€ 4,150 from Travel various actions to External Assistance actions A2 (2,100) and A3 (2,050).</p> <p>€ 17,870 from Travel various actions to External assistance various actions.</p>
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3. External assistance	901,504	42.38%	1,085,573	51.04%	184,069	20.42%	<p>€ 23,400 from Infrastructure Action C4 to External Assistance action C4.</p> <p>€ 34,410 from Personnel (actions A, C7 and E5) to External Assistance of the same actions.</p> <p>3,521.82 from Equipment action C2 to External Assistance action C4.</p> <p>€ 4,150 from Travel various actions to External Assistance actions A2 (2,100) and A3 (2,050).</p> <p>€ 17,870 from Travel various actions to External assistance various actions.</p> <p>€ 30,780 from Personnel actions C to Assistance External actions C.</p> <p>€ 10,200 from Other costs action F4 to External Assistance action C5.</p> <p>€ 70,080 from Personnel action F1to External Assistance actions A7, C5, F1, F3.</p> <p>€ 5,290.16 from Equipment action A2 to External Assistance action D4.</p>	<p>€ 15,000 from External Assistance action F1 to Personnel action F1.</p> <p>€ 633.18 from External Assistance action C3 to Equipment action C3.</p>
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4.1 Infrastructure	84,800	3.99%	54,800	2.58%	-30,000	0.00%		€ 30,000 from Infrastructure Action C4 to External Assistance action C4 (23,400 euros), Other Costs action C4 (4,000 euros), Consumables action C4 (1,000 euros), and Overheads (1,600 euros).
4.2 Equipment	112,956	5.31%	76,582	3.60%	-36,374	-32.20%	€ 633.18 from External Assistance action C3 to Equipment action C3.	3,521.82 from Equipment action C2 to External Assistance action C4. € 695 from Equipment Action A2 to Personnel Action C3. € 27,500 from Equipment action E7 to Personnel actions C4, C5, D2. € 5,290.16 from Equipment action A2 to External Assistance action D4.
5. Land/rights purchase/lease	0	0.00%	0	0.00%	0	0.00%		
6. Consumables	25,846	1.22%	24,596	1.16%	-1,250	-4.84%	€ 1,000 from Infrastructure Action C4 to Consumables action C4.	€ 950 from Consumable Action A2 to Personnel action C3. € 1,300 from Consumable Action E7 to Personnel action F2.
7. Other costs	15,700	0.74%	9,500	0.45%	-6,200	-39.49%	€ 4,000 from Infrastructure action C4 to Other costs action C4.	€ 10,200 from Other costs Action F4 to the External Assistance action C5.

8. Overheads	135,522	6.37%	137,122	6.45%	1,600	1.18%	€ 1,600 from Infrastructure Action C4 to Overheads category.	
TOTAL	2,126,987	100.00%	2,126,987	100.00%	0	0.00%		

ANNEXES:

- TECHNICAL ANNEXES quoted in the substantial modification request
- MODIFIED SHEETS. With and without track changes A1, B1, C1a (for the action A7); C1c (for the actions C2, C4, C5); C1d (for the action D1); C1f (for the actions F2 and F3); C2; C3.
- Table R2 compared budget before and after amendment.