



LIFE17 NAT/GR/000522 - LIFE GRECABAT

Reporting period:

01/09/2018 – 29/02/2020

Deliverable / Παραδοτέο

ACTION D4

Αναφορά σχετικής ανάλυσης / Φεβρουάριος 2020

Relative analysis report / February 2020

UoC

Summary

The purpose of the action is to select and record quality and quantitative performance indicators of the project. These indicators can be used to report the success of LIFE GRECABAT (based on paragraph 3 of Article 3 of the Life Regulation). An additional purpose of the action is to insert these indicators in the KPI database through the KIP web-tool but also to update these indicators in order to reflect in the best possible way the real results of the project.

<https://webgate.ec.europa.eu/eproposalWeb/kpi/module>

The purpose of the Deliverable "Relative analysis report until February 2020" is to provide feedback on actual progress until February 2020 towards achieving set targets on the KPI web tool. The comparison to the initial values set in the 1st snapshot (validated on 5/3/2020 and considered closed until the final report) was made due to the progress made until February 2020 per respective indicator values set (1.5, 1.6, 7, 10, 11, 12, 13 and 14).

Περίληψη

Σκοπός της δράσης είναι η επιλογή και καταγραφή ποιοτικών και ποσοτικών δεικτών αποτελεσματικότητας του προγράμματος (LIFE GRECABAT). Μέσω αυτών των δεικτών θα μπορεί να γίνεται αναφορά της επιτυχίας του προγράμματος (με βάση την παράγραφο 3 του άρθρου 3 του κανονισμού των Life [Life Regulation]). Επιπλέον σκοπός της δράσης είναι η εισαγωγή των δεικτών αυτών στη βάση δεδομένων των KPI μέσω του KIP web-tool αλλά και η ενημέρωση των δεικτών αυτών ώστε να αντικατοπτρίζουν με τον καλύτερο δυνατό τρόπο τα πραγματικά αποτελέσματα του προγράμματος (<https://webgate.ec.europa.eu/eproposalWeb/kpi/module>).

Σκοπός του παραδοτέου "Αναφορά σχετικής ανάλυσης των δεικτών του KPI έως τον Φεβρουάριο του 2020" είναι η παροχή δεδομένων σχετικά με την πραγματική πρόοδο των τιμών έως τον Φεβρουάριο του 2020, όσον αφορά την επίτευξη των στόχων που έχουν τεθεί στο διαδικτυακό εργαλείο KPI. Η σύγκριση με τις αρχικές τιμές που τέθηκαν στο 1ο στιγμιότυπο (το οποίο επικυρώθηκε στις 5/3/2020 και θεωρείται κλειστό μέχρι την τελική έκθεση) γίνεται με βάση την πρόοδο που σημειώθηκε μέχρι τον Φεβρουάριο του 2020 ανά κατηγορία δείκτη (1.5, 1.6, 7, 10, 11, 12, 13 και 14).

Γενικά στοιχεία του προγράμματος:

Project reference*:	LIFE17 NAT/GR/000522									
Official title*:	Greek Caves and Bats: Management Actions and Change of Attitude									
Acronym*:	LIFE GRECABAT									
Name of coordinating beneficiary*:	University of Crete									
Total Cost:	1,270,000.00	<input type="button" value="Refresh Financial Data"/>								
Eligible Cost:	1,270,000.00									
EC Contribution:	762,000.00									
CA Contribution:	116,280.00									
AA Contribution:	391,720.00									
CF Contribution:	0.00									
Complimentary Funding:	0.00									
Assigned users:	<table border="1"> <thead> <tr> <th>User</th> <th>Profile</th> </tr> </thead> <tbody> <tr> <td>nprobomi (Mprobonas@nhmc.uoc.gr)</td> <td>BENEFICIARY</td> </tr> <tr> <td>nbenesne (nejiben@gmail.com)</td> <td>MONITOR</td> </tr> <tr> <td>arambma (Maria-Jose.ARAMBURU@ec.europa.eu)</td> <td>PROJECT_OFFICER</td> </tr> </tbody> </table>		User	Profile	nprobomi (Mprobonas@nhmc.uoc.gr)	BENEFICIARY	nbenesne (nejiben@gmail.com)	MONITOR	arambma (Maria-Jose.ARAMBURU@ec.europa.eu)	PROJECT_OFFICER
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Level*:	Public National
Type of legal entity*:	Public body
Size of Coordinator*:	Large (250+)
Start date*:	01/09/2018
End date*:	<p>① Reference year for the state-of-play at the project end (End of project reference period).</p> 28/02/2023
Beyond the end reference period*:	<p>① For projects focussing on Forests, Nature and Biodiversity or Climate have a choice of either 3 or 5 years, depending on the estimated expenditure.</p> <input checked="" type="radio"/> five years after the end of the project <input type="radio"/> three years after the end of the project
Comments:	Checked 08/05/2020 Please specify species for 7.4 to be added to the KPI list. Please note that values of 12.1 should be cumulative.

Μετά τον έλεγχο του συμπληρωμένου KPI στις 08/05/2020 έχουν αναρτηθεί τα παρακάτω σχόλια, στα οποία δίνονται σχετικές απαντήσεις:

1. Παρακαλώ προσδιορίστε ποια είδη πρέπει να προστεθούν στην λίστα του 7.4 του KPI [Please specify species for 7.4 to be added to the KPI list.]

Τα 10 επιλεγμένα είδη του προγράμματος είναι είδη του παραρτήματος II της 92/43/ΕΟΚ παρόλα αυτά εμφανίζονται μόνο ως είδη του παραρτήματος IV επομένως θα πρέπει να προστεθούν στη λίστα των ειδών του παραρτήματος II.

2. Παρακαλώ προσέξτε οι τιμές αυτές να είναι σωρευτικές (Please note that values of 12.1 should be cumulative.)

Τα νούμερα που έχουν εισαχθεί αντιπροσωπεύουν σωρευτικές τιμές (διορθώσεις πρέπει να γίνουν – βλέπε συγκεντρωτικό πίνακα π.χ. Establishment of volunteer network = 0 στην αρχή 400 άτομα στο τέλος και 600 άτομα μετά από 5 χρόνια)

3. Για την τελική έκθεση το 7.3 πρέπει να βελτιωθεί ή να αφαιρεθεί (For final report 7.3 should be improved or removed.)

Το 7.3 θα εμπλουτιστεί με την θεσμική προστασία που θα επιτευχθεί από την υλοποίηση της δράσης C3, C2, C4 και A3 Action Plans, προς το παρόν εμφανίζονται μόνο οι θέσεις που θα έχουν ενεργή διαχείριση με την εφαρμογή των έργων της δράσης C1 δηλαδή τα 8 σπήλαια και τα 5 άλλα καταφύγια χειροπτέρων.

Πλαίσια προσδιορισμού των δεικτών:

Γενικό πλαίσιο δεικτών (Overarching contest)

Βιογεωγραφικές περιοχές / Επιλέχθηκε η Μεσογειακή περιοχή / παρά το γεγονός ότι κανένας δείκτης δεν αναφέρεται σε βιογεωγραφικό επίπεδο.

Στις επικράτειες που εκτείνεται το έργο / Επιλέχθηκε Ελλάδα εφόσον είναι ένα εθνικό πρόγραμμα με δράσεις σε όλη τη χώρα, αλλά και την Κύπρο (λόγω κοινής γλώσσας) και την Βουλγαρία λόγω εγγύτητας και εφαρμογής σχετικού προγράμματος LIFE (υλοποιείται ταυτόχρονα το LIFE under one roof / LIFE17 NAT/BG/000602), αλλά και άλλες ευρωπαϊκές χώρες όπου τα αποτελέσματα θα μπορούσαν άμεσα να διαδοθούν λόγω γειννίας και κοινών αντιλήψεων και προβλημάτων.

Οικοσυστήματα και υπηρεσίες / βάλουμε περιοχές με αραιή βλάστηση (Sparsely vegetated land). Εφόσον ήταν η μοναδική από τις διαθέσιμες επιλογές που συσχετίζεται (αντιστοίχιση με Habitat 8310 από το MAES) με τον οικότοπο των σπηλαίων.

Περιοχές του δικτύου Natura στην Ελλάδα (οι δέκα επιλεγμένες περιοχές)

1. GR4220014 - KENTRIKI KAI NOTIA NAXOS: ZAS KAI VIGLA EOS MAVROVOUNI KAI THALASSIA ZONI (ORMOS KARADES - ORMOS MOUTSOUNAS)
2. GR4340010 - DRAPANO (VOREIOANATOLIKES AKTES) - PARALIA GEORGIROUPOLIS - LIMNI KOURNA
3. GR1110005 - VOUNA EVROU
4. GR2320007 - OROS PANACHAIKO
5. GR1260007 - ORI VRONTOUS - LAILIAS - EPIMIKES
6. GR1130008 - MARONEIA - SPILAION
7. GR2410001 - LIMNES YLIKI KAI PARALIMNI - SYSTIMA VOIOTIKOU KIFISOU
8. GR1240001 - KORYFES OROUS VORA
9. GR2320009 - SPILAI0 KASTRION
10. GR4340008 - LEFKA ORI KAI PARAKTIA ZONI

Ειδικό πλαίσιο δεικτών (Specific context)

Δημιουργήθηκαν 13 ειδικότερα πλαίσια σε διάφορα χωρικά επίπεδα που περιγράφουν καλύτερα διάφορες πλευρές του προγράμματος:

Εθνικό επίπεδο:

1. Awareness raising to the general public (EL)
2. Establishment of volunteer network (EL)

3. National action plans for species and habitat (EL)
4. Change the attitude and behavior of stakeholders in Greece(EL)
5. Cave micro reserves (EL)
6. Project area LIFE GRECABAT (EL)

Περιοχές του Δικτύου Natura 2000:

1. Conservation of selected artificial habitats [GR2320007, GR1110005, GR4340008].
2. Conservation actions at the project sites [GR4340008, GR2320009, GR1240001, GR2410001, GR1130008, GR1260007, GR2320007, GR1110005, GR4340010, GR4220014].
3. Conservation of the selected caves [GR4220014, GR4340010, GR1260007, GR1130008, GR2410001, GR1240001, GR4340008, GR2320009].
4. Protection, restoration and management at project sites [GR4340008, GR2320009, GR1240001, GR2410001, GR1130008, GR1260007, GR2320007, GR1110005, GR4220014, GR4340010]
5. Early warning monitoring systems for habitat 8310 and important bat colonies [GR1240001, GR2320009, GR1130008]

Διάδοση σε άλλες χώρες:

1. Cyprus [CY]
2. Bulgaria [BG]

Δείκτες και σημειώσεις για τις εκτιμήσεις που δόθηκαν κατά την συμπλήρωση:

Για τον υπολογισμό των δεικτών χρησιμοποιήθηκαν τα παρακάτω δεδομένα:

1. Η μέτρηση των επιφανειών γύρω από τα σημαντικά καταφύγια χειροπτέρων με βάση το shape-file των σημαντικών περιοχών για τα σπήλαια και τα χειρόπτερα στην Ελλάδα (<https://www.lifegrecabat.eu/el/news-articles/239>) η εκτίμηση των 11,662.00 ha αφορά τις θέσεις του προγράμματος ενώ η εκτίμηση 100,000.00 ha αφορά το σύνολο των θέσεων που θα ωφεληθούν από την υλοποίηση των δύο εθνικών σχεδίων δράσης του προγράμματος.

2. Οι τιμές αναφέρονται στο άθροισμα των επιφανειών των επιλεγμένων σπηλαίων για την υλοποίηση των δράσεων C, και περιλαμβάνουν μια περιφερειακή ζώνη γύρω τους (με μέση ακτίνα αρκετών εκατοντάδων μέτρων) που σχεδιάστηκε με βάση: το σχήμα, τον προσανατολισμό της εισόδου, οικολογικές απαιτήσεις των ειδών και τα γύρω ενδιαιτήματα (π.χ. δάση, υγρά τοπία, ρέματα με φυσική βλάστηση) και τη γεωλογία & υδρογεωλογία της περιοχής.
3. Τις εκτιμήσεις για τους πληθυσμούς χειροπτέρων από τις δειγματοληψίες που έγιναν στα πλαίσια της δράσης A1 (από τις απευθείας καταμερίσεις αποικιών σε διάφορες εποχές του έτους αλλά χωρίς να έχουν συμπεριληφθεί δεδομένα ηχογραφήσεων). Είναι πιθανό οι παραπάνω εκτιμήσεις να διορθωθούν στη συνέχεια με πιο ακριβείς τιμές και εκτιμήσεις.
4. Η επιφάνεια του οικοτόπου των σπηλαίων (8310) προσεγγίζεται (αδρή εκτίμηση με βάση την κάτοψη των σπηλαίων) ως ή συνολική επιφάνεια που περιλαμβάνει όλο τον διαθέσιμο θώκο για τα είδη των σπηλαίων (δάπεδο, οροφή και κατακόρυφες επιφάνειες). Η επιφάνεια είναι προφανώς υποτιμημένη εφόσον το έντονο ανάγλυφο είναι πολύ δύσκολο να μετρηθεί.
5. Για τα καταφύγια χειροπτέρων που δεν είναι σπήλαια (δηλαδή ορυχεία, αποστραγγιστικές σήραγγες παλαιά σπίτια) υπολογίζεται περίπου ως η επιφάνεια της κάτοψης τους.

Με βάση τα παραπάνω προκύπτουν οι παρακάτω εκτιμήσεις:

• Psimaki cave , GR4340010 ,	0.26 ha
• Tzani cave , GR4340008 ,	1.21 ha
• Za cave , GR4220014 ,	0.889 ha
• Limnon cave (Kastria) , GR2320009 ,	4.628 ha
• Aliartos sinkhole (cave) , GR2410001 ,	1 ha
• Zesta Nera cave (Sidirokastro), GR1260007,	0.432 ha
• Poliphimos Cave , GR1130008 ,	10.93 ha
• Upper gallery, Panagoroula , GR2320007 ,	0.12 , ha
• Lower gallery, Panagoroula , GR2320007 ,	0.135 ha
• Agia Varvara mine, GR1110005,	0.03192 ha
• Tsoutouro mine , GR1110005 ,	0.0025 ha
• House (Samaria) , GR4340008 ,	0.0018 ha
Total area =	20.16 ha

6. Οι αριθμοί επισκεπτών που θα επηρεαστούν από το πρόγραμμα προκύπτουν ως ένα μικρό ποσοστό (0.05) της συνολικής επισκεψιμότητας των θέσεων του προγράμματος ([1] Limnon cave (60,000 visitors * 0.05) + Samaria gorge (140,000 visitors * 0.05) + Spilaiovarathro cave (100,000 visitors * 0.05) +

other sites (estimated 10,000 visitors/stakeholders)*0.05] * 3 years until the end, and [2] Limnon cave (60,000 visitors * 0.05) + Samaria gorge (140,000 visitors * 0.05) + Spilaiovarathro cave (100,000 visitors * 0.05) + other sites (estimated 10,000 visitors/stakeholders)*0.05] * 5 years after.

7. Οι εκτιμήσεις των εκπαιδευμένων εθελοντών που θα χρησιμοποιήσουν τον εξοπλισμό του προγράμματος αποτελούν συντηρητική εκτίμηση με βάση τη μέχρι τώρα συμμετοχή εθελοντών στο πρόγραμμα [Trained volunteers using prototype devices = 50 until the end 150 five years after the end].
8. Άλλοι χρήστες των αποτελεσμάτων και των υποδομών του προγράμματος εκτιμούνται με βάση το ενδιαφέρον που έχουν δείξει μέχρι τώρα διάφορες κατηγορίες χρηστών.
 - a. People use data from three early warning monitoring systems = officers from three management bodies 10 until the end 30 five years after the end
 - b. Students using prototype devices and early warning monitoring systems for academic research and education = 10 until the end 30 five years after the end.
 - c. Use of data systems and prototypes in information centers or project web site to raise public awareness = 1000 until the end 3000 after the end of the project.
9. Η τιμή είναι μια εκτίμηση των ατόμων που θα επηρεαστούν από την εφαρμογή της Δράσης C1 απλώς παρατηρώντας τις αντίστοιχες υποδομές διαβάζοντας τις πινακίδες ερμηνείας στις επιλεγμένες τοποθεσίες με μέσο όρο τουλάχιστον 100 άτομα ανά τοποθεσία ανά έτος, για κάθε τοποθεσία έργου [Τρία (3) χρόνια από την εγκατάσταση υποδομών, πινακίδες ερμηνείας και πίνακες ανακοινώσεων έως το τέλος του έργου και 5 χρόνια μετά].
10. Παρουσίαση της εκπαιδευτικής βαλίτσας σε μαθητές, οι εκτιμήσεις περιλαμβάνουν έναν ενδεικτικό αριθμό σχολείων που μπορούμε να προσεγγίσουμε μέσω των ΚΠΕ για τρία χρόνια μέχρι το τέλος του προγράμματος και για 5 μετά το τέλος.
 - a. (25 Primary schools + 25 Secondary schools) * (2 classes * 15 pupils) / 3-year period (until the end) = 4500
 - b. (20 Primary schools + 20 Secondary schools) * (2 classes * 15 pupils) / 5-year period (5 years beyond) = 6000
11. Υπηρεσίες ή άλλοι αρμόδιοι οι ενδιαφερόμενοι (stakeholders) που αναμένεται να εμπλακούν στους στόχους του προγράμματος μέσω των δράσεων του μέχρι το τέλος και πέντε χρόνια μετά το τέλος του.
 - a. 5 Decentralized Administrations with project areas
 - b. 7 Decentralized Administrations of Greece

- c. 8 management bodies of the selected Natura 2000 network
 - d. 36 management bodies of Greek Natura 2000 network
 - e. 1 Ministry of Environment and Energy
 - f. 1 The municipal operation "Cave of the Lakes" at Kastria Municipality of Kalavryta in Limnon Cave
 - g. 1 The municipal enterprise "Loutra POZAR Almopias" in Spilaiovarathro Cave
 - h. 1 The municipality of Maroneia-Sapon in Poliphimos Cave
 - i. Trained volunteers through project seminars that will monitor the cave habitat and report pressures, threats and other important data (citizen science).
12. Αλλαγή στάσης και συμπεριφοράς των εμπλεκόμενων με βάση τη συμμετοχή τους στις διημερίδες επί τον αριθμό των διημερίδων
- a. Number of trained volunteers by the project (e.g. members of speleological groups, associations and organizations).
 - b. Indicator values: Approximately 50 participants (Stakeholders) to be influenced by the project per event ($50 \times 16 = 800$)
 - c. Stakeholders influenced by the total project material, integrated guidelines and the infrastructures function 5 years after its end = 1000
13. Εκτιμήσεις επισκεψιμότητας του web site του προγράμματος με βάση στοιχεία από αντίστοιχα προγράμματα LIFE στην Ελλάδα
14. Εκτιμήσεις των δράσεων δικτύωσης του προγράμματος με βάση τις συμμετοχές σε συνέδρια και τους αναμενόμενους συμμετέχοντες.
- a. Members of other ongoing Life Nature Projects in EU / at least with 15 projects * 2 persons per project = 30
 - b. Presentations and posters in at least 5 international conferences and 3 nationals by the end of the program / at least 5 persons per conference = 40
15. Μέλη σπηλαιολογικών συλλόγων
- a. Past training seminars by the HISR and UoC = 30
 - b. Participation in C5 action seminars of at least 10 people from each project area = 100
 - c. Seminars by the project beneficiaries and trained volunteers using the material produced by the Project = 200 people.

Πίνακες Δεικτών:

1.5. Project area/length

1.6. Humans (to be) influenced by the project

7.3. Natural and semi-natural habitats

7.4. Wildlife species

10.1.2. Supervisory/enforcement bodies involved

10.2. Involvement of non-governmental organisations (NGOs) and other stakeholders in project activities

11.1. Website (mandatory)

12.1. Networking (mandatory)

12.2. Professional training or education

13. Jobs

14.1. Running cost/operating costs during the project and expected in case of continuation/replication/transfer after the project period

14.3. Future funding

14.4.3. Entry into new geographic areas

Συντομογραφίες / Abbreviations

SV= Start value

CV= Current value

EV= End value

BEV= Beyond end value

1.5. Project area/length

CONTEXT ITEMS	FIRST LEVEL DESCRIPTOR	SV	Current Value	EV	BEV	UNIT	COMMENTS
[GR4220014, GR4340010, GR1110005, GR2320007, GR1260007, GR1130008, GR2410001, GR1240001, GR2320009, GR4340008]	Total suppression of specific pressure(s) or threat(s) affecting the spatial extent of the project	0	0 (εφόσον δεν έχουν υλοποιηθεί τα έργα της C1)	20,16	20,16	ha	- The surface of cave habitat (8310) is approximated as floor, ceiling and vertical surfaces, underestimated (the terrain is complicated creating much larger surfaces, available ecological niche)
- The habitat area of bat roosts only (not habitat 8310, mines, galleries and house) is approximately calculated as the surface area of their floor plan.
Psimaki cave , GR4340010 , 0.26 ha
Tzani cave , GR4340008 , 1.21 ha
Za cave , GR4220014 , 0.889 ha
Limnon cave (Kastria) , GR2320009 , 4.628 ha
Aliartos sinkhole (cave) , GR2410001 , 1 ha
Zesta Nera cave (Sidirokastro), GR1260007, 0.432 ha
Poliphimos Cave , GR1130008 , 10.93 ha
Upper gallery, Panagopoula , GR2320007 , 0.12 , ha
Lower gallery, Panagopoula , GR2320007 , 0.135 ha
Agia Varvara mine, GR1110005, 0.03192 ha
Tsoutouro mine , GR1110005 , 0.0025 ha
House (Samaria) , GR4340008 , 0.0018 ha
Total area , 20.16 ha

[EL]	Partial reduction of specific pressures/threats affecting the spatial extent of the project in comparison to the present level	0	0 (εφόσον δεν έχουμε ακόμα θεσμοθέτηση των προτεινόμενων ζωνών)	8000	12000	ha	Cave micro reserves and surrounding area designated according to Greek biodiversity Law criteria as 'Wildlife refuges' and/or as 'protected natural formations' or as Special Areas of Conservation - SACs.
[EL]	Conservation or improvement of the status of an area or	0	0 (εφόσον δεν έχουμε θεσμοθέτηση	11662	100000	ha	National action plans implementation = 100,000.00 ha
Project actions = 11,662.00 ha
The values refer to the sum of surfaces of selected caves for the

	segment		του Action Plan)					implementation of actions C, and includes a buffer zone around them (with an average radius of several hundred meters) based on: shape, orientation of entrance, ecological requirements of the selected species from the project (e.g. forests, wetlands, streams with natural vegetation) and the geology - hydrogeology of the area (as calculated on the basis of data from actions A1 and C3).
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1.6. Humans (to be) influenced by the project

COMPOUND CONTEXT	CONTEXT ITEMS	FIRST LEVEL DESCRIPTOR	SV	Current Value	EV	BEV	UNIT	COMMENTS
Change the attitude and behavior of stakeholders in Greece	[EL]	Persons who changed their behaviour or practices due to the project actions	0	80 (έχουν πραγματοποιηθεί μέχρι τώρα 2 εκδηλώσεις της Δράσης C4)	800	1000	Number of residents within or near the project area	Indicator values: Approximately 50 participants (Stakeholders) to be influenced by the project per event (50*16=800):Stakeholders influenced by the total project material, integrated guidelines and the infrastructures function 5 years after its end =1000
Early warning monitoring systems for habitat 8310 and important	[GR1130008, GR2320009, GR1240001]	Persons whose lives were directly, positively impacted by MAIN envir. actions of	0	0 (εφόσον δεν έχουν υλοποιηθεί τα συστήματα της C2)	1070	3210	Number of non-resident persons regularly present within or near the	Trained volunteers using prototype devices = 50 until the end 150 five years after the end:People use data from three early warning monitoring systems = officers from three management bodies 10 until the end 30 five years after the end:Students using prototype devices and early warning

bat colonies		project - see Guide					project area (e.g. employees)	monitoring systems for academic research and education = 10 until the end
 Use of data systems and prototypes in information centers or project web site to raise public awareness = 1000 until the end 3000 after the end of the project.

Establishment of volunteer network	[EL]	Persons with improved capacity or knowledge due to project actions	0	30 (έχουν εμπλακεί και εκπαιδεύει τουλάχιστον 30 εθελοντές στο πλαίσιο της Α1)	50 σε 100 (μέχρι το τέλος του προγράμματος αναμένεται να εμπλακούν τουλάχιστον 100)	150 ο αριθμός αναμένεται να ανέβει στους 200	Number of other persons influenced /impacted independently of the project area	Number of trained volunteers by the project (e.g. members of speleological groups, associations and organizations).
Awareness raising to the general public	[EL]	Persons who may have been influenced via dissemination or awareness raising project-actions (reaching)	0	2.500 (προσεγγιστικά με βάση τις μοναδικές επισκέψεις στην ιστοσελίδα)	150.000	200.000	Number of non-resident persons regularly present within or near the project area (e.g. employees)	[Limnon cave (60,000 visitors * 0.05) + Samaria gorge (140,000 visitors * 0.05) + Zesta nera springs (1,000,000 visitors * 0.05) + other sites (estimated 10,000 visitors/stakeholders)] * 3 years
Conservation actions at the project	[GR4220014, GR4340010, GR1110005, GR2320007,	Persons who may have been influenced via	0	1.000 (προσεγγιστικά από το εκπαιδευτικό	50.000	60.000	Number of other persons influenced	(25 Primary schools + 25 Secondary schools) * (2 classes * 15 pupils) / 3-year period (until the end) =

sites	GR1260007, GR1130008, GR2410001, GR1240001, GR2320009, GR4340008]	dissemination or awareness raising project- actions (reaching)		υλικό που έχει δημοσιευτεί, τις επισκέψεις στο website, και την εκπαιδευτική κοινότητα μετά την άδεια του ΥΠΑΙΘ)			/impacted independently of the project area	4500(20 Primary schools (20 Secondary schools) * (2 classes * 15 pupils) / 5-year period (5 years beyond) = 6000(Limnon cave (60,000 visitors * 0.05) + Samaria gorge (140,000 visitors * 0.05) + Spilaiovarathro cave (100,000 visitors * 0.05) + other sites (estimated 10,000 visitors/stakeholders)*0.05&] * 3 years until the end (Limnon cave (60,000 visitors * 0.05) + Samaria gorge (140,000 visitors * 0.05) + Spilaiovarathro cave (100,000 visitors * 0.05) + other sites (estimated 10,000 visitors/stakeholders)*0.05&] * 5 years after (Awareness raising material E actions (tv-spots, interpretation signs, VR cave exploration, info centers GRECABAT integration, networking, events, interviews, conferences)*(Expected values (will be monitored with action D3 until the end of the project):(- Until the end of the project ~ 50000(- 5 years beyond ~ 60000
Conservation actions at the project	[GR4220014, GR4340010, GR1110005, GR2320007,	Other persons influenced	0	0 (εφόσον δεν έχουμε εγκαταστήσει τα έργα της	3000	5000	Number of short-term visitors within or	The value is an estimate of persons that will be influenced by the implementation of Action C1 simply by noticing the respective infrastructures and reading the interpretation

sites	GR1260007, GR1130008, GR2410001, GR1240001, GR2320009, GR4340008]			C1)			near the project area (e.g. tourists)	signs and notice boards on the selected sites with an average of at least, 100 persons per site per year, for each project site [Three (3) years from the installation of infrastructures, interpretation signs and notice boards until the end of the project and 5 years after].
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7.3. Natural and semi-natural habitats

FIRST LEVEL DESCRIPTOR	SECOND LEVEL DESCRIPTOR	SV	Current value	EV	BEV	UNIT	COMMENTS
Other	Include in comment box	0	0 (εφόσον δεν έχουμε έργα)	5	5	number	Artificial habitats not listed in Annex I Habitat Directive: 1 building, 2 old mines, 2 abandoned galleries
Annex I Habitats Directive	8310-Caves not open to the public	0	0 (εφόσον δεν έχουμε έργα)	8	8	number	Indicator descriptor: caves number
Habitat Trend		x (unkonwn)	-	x (unkonwn)	x (unkonwn)		Indicator descriptor: caves number
Habitat Trend		x (unkonwn)	-	x (unkonwn)	x (unkonwn)		Artificial habitats not listed in Annex I Habitat Directive: 1 building, 2 old mines, 2 abandoned galleries
Habitat Condition		unknown	-	unknown	unknown		Artificial habitats not listed in Annex I Habitat Directive: 1 building, 2 old mines, 2 abandoned galleries
Habitat		unknown	-	unknown	unknown		Indicator descriptor: caves number

Condition							
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7.4. Wildlife species

SECOND LEVEL DESCRIPTOR	SV	Current Value	EV	BEV	UNIT	COMMENTS
Myotis nattereri/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)

Myotis myotis/Mammals	11662	11662	11662	11662	ha	values to be provided later
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Rhinolophus euryale/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Rhinolophus blasii/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Myotis capaccinii/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on

						the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Miniopterus schreibersii/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
The species is listed in Annex II Habitat Directive as well

 The selected LIFE GRECABAT Annex II bat species are not available on the drop down list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1

Myotis emarginatus/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.

 The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Myotis blythii/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites
(without ultrasound recording results)

The species is listed in Annex II of the Habitat Directive as well.

 The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
Eptesicus serotinus/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)

Rhinolophus hipposideros/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
final population values will be inserted with the completion of the deliverable of action A1
Rhinolophus ferrumequinum/Mamm	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording

als						results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Rhinolophus mehelyi/Mammals	11662	11662	11662	11662	ha	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.

SECOND LEVEL DESCRIPTOR	START VALUE	Current value	END VALUE	BEYON D END VALUE	UNIT	COMMENTS
Rhinolophus mehelyi/Mammals	199	199	270	350	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
Myotis myotis/Mammals	784	784	1000	1500	number of individuals	values to be provided later
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Myotis blythii/Mammals	3283	3283	4000	5000	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites
(without ultrasound recording results)

The species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
Miniopterus schreibersii/Mammals	24327	24327	25000	26000	number of individuals	Final values will be provided later

Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
The species is listed in Annex II Habitat Directive as well

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* The selected LIFE GRECABAT Annex II bat species are not available on the drop down list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1

Rhinolophus blasii/Mammals	243	243	270	300	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Myotis capaccinii/Mammals	443	443	510	600	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Eptesicus serotinus/Mammals	17	17	300	500	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)

Rhinolophus euryale/Mammals	26	26	155	200	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Myotis nattereri/Mammals	429	429	430	430	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)

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Rhinolophus ferrumequinum/Mammals	661	661	700	800	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Myotis emarginatus/Mammals	9	9	50	70	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
* The selected LIFE GRECABAT Annex II bat species are not available on the dropdown list and therefore only selected as Annex IV
final population values will be inserted with the completion of the deliverable of action A1
Rhinolophus hipposideros/Mammals	21	21	50	100	number of individuals	Final values will be provided later
Values = Multi seasonal counting of individuals in roosting sites (without ultrasound recording results)
This species is listed in Annex II of the Habitat Directive as well.
final population values will be inserted with the completion of the deliverable of action A1

10.1.2. Supervisory/enforcement bodies involved

COMPOUND CONTEXT	FIRST LEVEL DESCRIPTOR	SV	Current Value	EV	BEV	UNIT	COMMENTS
National action plans for species	National authorities	1	1	12	40	Number of supervisory / enforcement bodies	1 Ministry of environment and Energy
8 management bodies of the selected Natura 2000 sites
36 management bodies of Greek Natura 2000 network
1 The municipal operation "Cave of the Lakes" at

and habitat						involved	Kastria Municipality of Kalavryta in Limnon Cave
1 The municipal enterprise & quot;Loutra POZAR Almopias" in Spilaiovarathro Cave
1 The municipality of Maroneia-Sapon in Poliphimos Cave

Cave micro reserves	Regional authorities	1	1	14	46	Number of supervisory / enforcement bodies involved	- 5 Decentralized Administrations with project areas
- 7 Decentralized Administrations of Greece
- 8 management bodies of the selected Natura 2000 network
-36 management bodies of Greek Natura 2000 network
- 1 Ministry of Environment and Energy

10.2. Involvement of non-governmental organisations (NGOs) and other stakeholders in project activities

COMPOUND CONTEXT	CONTEXT ITEMS	FIRST LEVEL DESCRIPTOR	Current Value	START VALUE	END VALUE	BEYOND END VALUE	UNIT	COMMENTS
Conservation actions at the project sites	[GR4220014, GR4340010, GR1110005, GR2320007, GR1260007, GR1130008, GR2410001, GR1240001, GR2320009, GR4340008]	Public body/bodies	5 (Δημοτική Επιχείρηση Σπηλαίου Λιμνών, Δημ. Επιχείρηση Λουτρών ΠΟΖΑΡ, 3 Φορείς Διαχείρισης)	0	11	18	number of stakeholders involved due to the project	The municipal operation "Cave of the Lakes" at Kastria Municipality of Kalavryta in Limnon Cave
The municipal enterprise "Loutra POZAR Almopias" in Spilaiovarathro Cave
Municipality of Maroneia-Sapon in Poliphimos Cave
8 management bodies of the Natura 2000 network

Establishment of volunteer network	[EL]	Other civil society organisations	30 (από σπηλαιολογικούς συλλόγους)	0	100	200	number of individuals	Trained volunteers through project seminars that will monitor the cave habitat and report pressures, threats and other important data (citizen science).

11.1. Website (mandatory)

COMPOUND CONTEXT	INDICATOR NAME	FIRST LEVEL DESCRIPTOR	START VALUE	Current Value	END VALUE	BEYOND END VALUE	UNIT	COMMENTS	FLAG VALUES
Awareness raising to the general public	Website (mandatory)	No. of unique visits	0	2800 (μοναδικοί χρήστες της ιστοσελίδας 02/2020)	2000 θα πρέπει να αλλάξει η πρόβλεψη σε 5000	3000 θα πρέπει να αλλάξει	number	Estimation based on visitor numbers at websites of other LIFE projects in Greece	Choose the Indicators for raising the awareness of Individuals[Other (Specify in comment box) Following websites (likes, subscribers...)]; Reaching and/or awareness raising of the general public through the project website[Reaching Awareness raising]

12.1. Networking (mandatory)

COMPOUND CONTEXT	CONTEXT ITEMS	FIRST LEVEL DESCRIPTOR	START VALUE	Current Value	END VALUE	BEYOND END VALUE	UNIT	COMMENTS	FLAG VALUES
Protection, restoration and management at project sites	[GR4340010, GR4220014, GR1110005, GR2320007, GR1260007, GR1130008, GR2410001, GR1240001, GR2320009,	Other	1	20 τουλάχιστον από σεμινάρια και παρουσιάσεις	70	120	No. of individuals	Members of other on going Life Nature Projects in EU / at least with 15 projects & 2 persons per project =30
presentations and posters in at least 5 international conferences and 3 nationals by the end of the program / at least 5 persons per conference =	Choose the Networking tools used[Other Networking tools Conferences]

	GR4340008]							40™Additional networking with 50 people after project end	
Change the attitude and behavior of stakeholders in Greece	[EL]	Members of interest groups / lobby organisations	0	50 τουλάχιστον από τους σπηλαιολογικούς συλλόγους	500	1500	No. of individuals		Choose the Networking tools used[Seminars Workshops Conferences Other training or educational events]
Early warning monitoring systems for habitat 8310 and important bat colonies	[GR1130008, GR2320009, GR1240001]	Students (in higher education)	0	0 – εφόσον δεν έχουν υλοποιηθεί ακόμα prototypes και συστήματα της C2 τον 02/2020	60	120	No. of individuals		Choose the Networking tools used[Other Networking tools Other training or educational events]
Establishment of volunteer network	[EL]	Other	0	50 τουλάχιστον από τους σπηλαιολογικούς συλλόγους	400	500	No. of individuals	Members of speleological groups, associations and organizations.	Choose the Networking tools used[Other Networking tools Seminars]

12.2. Professional training or education

COMPOUND	INDICATOR	FIRST LEVEL	SV	Current	EV	BEV	UNIT	COMMENTS	FLAG VALUES
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CONTEXT	NAME	DESCRIPTOR		Value					
Establishment of volunteer network	Professional training or education	Members of interest groups / lobby organisations	30	30	100	200	No. of individuals	Past training seminars by the HISR and UoC = 30
Participation in C5 action seminars of at least 10 people from each project area = 100
Seminars by the project beneficiaries and trained volunteers using the material produced by the Project = 200 people	
Change the attitude and behavior of stakeholders in Greece	Professional training or education	Pupils (of school age)	0	60	3500	5000	No. of individuals	Pupil education through Action C4 in 16 events organized in Greece = 500 + 3000 (30 Primary schools + 25 Secondary schools) * (3 classes * 30 pupils)
Educational material = 5,000 (30 Primary schools + 25 Secondary schools) * (3 classes * 30 pupils) / 5-year period	Choose the Training/education tools used[Other training or educational events.]

13. Jobs

COMPOUND CONTEXT	CONTEXT ITEMS	SV	Current Value	EV	BEV	UNIT	COMMENTS	FLAG VALUES
Awareness raising to the general public	[EL]	0		10,6	2,5	No. of FTE	Actions A4, C4, D3, E1, E2, E3	Choose the Age group [55-64 25-54]; Choose the Level of education[Upper secondary, Post-secondary and non-tertiary (ISCED levels 3-4) Tertiary (ISCED levels 5-8)]

								Pre-primary, primary & lower secondary (ISCED level 0-2)]; Choose the Sex of the employee(s)[Male Female]; Choose the Specificities of the employees[Unskilled Skilled]; Other specificities[Other]
Conservation actions at the project sites	[GR4220014, GR4340010, GR1110005, GR2320007, GR1260007, GR1130008, GR2410001, GR1240001, GR2320009, GR4340008]	0		14,45	4	No. of FTE	Actions A1, A2, C1, C2, C3, C5, D2
	Choose the Age group[55-64]; Choose the Level of education[Upper secondary, Post-secondary and non-tertiary (ISCED levels 3-4) Tertiary (ISCED levels 5-8) Pre-primary, primary & lower secondary (ISCED level 0-2)]; Choose the Sex of the employee(s)[Female Male]; Choose the Specificities of the employees[Unskilled Skilled 25-54]

14.1. Running cost/operating costs during the project and expected in case of continuation/replication/transfer after the project period

COMPOUND CONTEXT	CONTEXT ITEMS	INDICATOR HIERARCHY	INDICATOR CODE	INDICATOR NAME	FIRST LEVEL DESCRIPTOR	SECOND LEVEL DESCRIPTOR	THIRD LEVEL DESCRIPTOR	START VALUE	END VALUE	BEYOND END VALUE	UNIT
Project area LIFE GRECABAT	[EL]	Key Performance Indicators Hierarchy 2016-2017	14.1	Running cost/operating costs during the project and expected in case of continuation/replication/transfer after the project period	Running cost/operating costs during the project and expected in case of continuation/replication/transfer after the project period			0	1.270.000,00 – Υλοποίηση προγράμματος	1.000.000,00 Υλοποίηση Σχεδίων Δράσης στην δετία	€

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14.3. Future funding

COMPOUND CONTEXT	CONTEXT ITEMS	INDICATOR NAME	FIRST LEVEL DESCRIPTOR	START VALUE	END VALUE	BEYOND END VALUE	UNIT
Early warning monitoring systems for habitat 8310 and important bat colonies	[GR1130008, GR2320009, GR1240001]	Future funding	Project finance	0	58.000,00	100.00,00	€
National action plans for species and habitat	[EL]	Future funding	Project finance	0	0	1.000.000,00	€

14.4.3. Entry into new geographic areas

COMPOUND CONTEXT	CONTEXT ITEMS	FIRST LEVEL DESCRIPTOR	START VALUE	END VALUE	BEYOND END VALUE	UNIT	COMMENTS
Dissemination in Cyprus	[CY]	ΚΥΠΡΟΣ (KYPROS)	0	Μη διαθέσιμες τιμές	Μη διαθέσιμες τιμές	Μη διαθέσιμες τιμές	Συμπλήρωσ ή έως το τελικό report
Dissemination in Bulgaria	[BG]	БЪЛГАРИЯ (BULGARIA)	0	Μη διαθέσιμες τιμές	Μη διαθέσιμες τιμές	Μη διαθέσιμες τιμές	Συμπλήρωσ ή έως το τελικό report