

Action	Indicator	Quantity	Executed until August 2019
A.1 - Completing and updating of baseline characterization	Data information layers integrated into GIS database	N°, O=79	388
	Occurrence records integrated into GIS database	N°, O=25.000	79819
	Species covered by wildlife database	N°, O=7 amphibians, 8 reptiles, 25 mammals and 80 birds	254, Amphibians= 14 Reptiles=17 Mammals=53 Birds=170
	Connectivity maps generated	N°, O=2	6 (5)
	Fraction of intervention sites covered by detailed data / maps in GIS database	%, O=100	100
	Animals tracked with GPS/GSM system	N°, O=12	12
	Number of wildlife crossings and culverts mapped	N°, N=50	307
	Invasive species with new approach of remote sensing methodology	N°, N=4	6
A.2 - Compilation, structuring and implementation of national database and multi-user web platform	Number of persons / organizations that contributed with GIS data information layers	N°, N=16	12
	Roadkill data incorporated into GIS database	N°, N=50.000	81104
	Species incorporated into GIS database	N°, N=120	208
	N° of Institutional users registered and with a regular use of the platform	N°, O=4	3
	N° of academic users registered and with a regular use of the platform	N°, O=6	8
	N° of professional users registered and with a regular use of the platform	N°, O=8	3
	N° of NGO's registered with a regular use of the platform	N°, O=4	NA
	N° of citizens registered with a regular use of the platform	N°, O=20	NA
	Average number of new records send in a regular basis to the platform	N°/month, O=600	NA
	Records send by mobile application	%/total, O=10%	NA
A.3 - Project implementation, licensing, procurement of permits and contracting procedures necessary to actions C	Execution projects (Forestry and civil engineering / Landscaping) produced	N°, O=12	
	Authorizations, licensing and procurement of permits necessary to actions C obtained	%, Target=100	100
	Procedures of public contracting launched	%, Target=100	5

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A.4 - Development, testing and evaluation of automated systems of monitoring and / or deterrence	No. of monitoring prototypes developed	Nº, N=2	2+1 (3)
	No. of dissuasion prototypes developed	Nº, N=3	4+2+1 (7)
	Effectiveness of automated prototypes comparing with traditional methods	%, O=150	78.1%
	Records of approach to powerlines obtained with the monitoring prototype	Nº	13
	Records of passerines mortality obtained with the monitoring prototype	Nº	32
A.5 - Installation of autochthonous plant nursery for conservation actions	No. of created nurseries	Nº, O=1	1
	Area of produced plants created	m ² , O=5.000	5000
	Plots to seeds production installed	m ² , O=1.000	1000
	Number of woody species in growth	Nº, O=4	22
	Number of bulbous species in growth	Nº, O=1	5
	Growing plants to conservation tasks (Actions C)	Nº, O=1000	3000
A.6. – Development of prototypes for deterring avifauna in medium voltage lines	Prototype solutions developed for reducing bird kills	(nº, O=1)	1
	New device produced to reduce simultaneously bird electrocution and collisions	(nº, O=85)	91
	Selection/extension of the total length of medium tension lines with the new typology for the poles and new anti-collision signalization	(km, O=13)	14,8
C.1. Integrated Mitigation of the reduction of conductivity and permeability of the landscape in national and principal roads	Passages for fauna installed on culverts.	Nº, O=5	6
	Structural improvement of culverts to prepare mitigation work	Nº, O=1	1
	Restauracion of fences and plantations to lead to culvert paths.	Nº, O=7	6

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	Total length of national roads (EN) and main itineraries (itP) covered by mitigation measures	km, O=37	6,3
	Total length of national roads (EN) and main itineraries (itP) covered by complementary measures to support mitigation measures	km, O=104	157
	Number of typologies of innovative solutions	Nº, O=4	4
	Number of typologies of demonstrative solutions	Nº, O=5	4
C.2 - Potentiation of the verges and marginal parcels of roads infrastructures as shelter areas, refuge, food and / or displacement	Micro-reserves installed /established	Nº, O=2	2
	Favourable habitat increase to target butterflies populations.	Ha, O=4	5,5
	Occupied area for invasive species subject to initial control actions.	%, O=100	100
	Occupied area related to the initial, by invasive species subject to monitoring control actions.	%, O=75	NA
	Occupied area related to the initial, by invasive species subject to following control actions.	%, O=25	NA
	Control methods of reeds tested and evaluated as effective.	Nº, O=2	NA
	Protocols to prevent, detect and control of invasive species along the IP roads.	Nº, O=2	1
	Mortality reduction of Tawny Owl by installing shrub screens	%, O=10	NA
C.3 - Development and installation of vertical road traffic signs	Vertical signals created	Nº, O=1	1
	Vertical signals acquired and installed.	Nº, O=10	10
C.4 - Mobile Application to promote the collect of mortality data	Mortality records validated in GIS database by mobile application.	Nº/month, O=600	NA
	Records send by mobile application	(%/total; O=10%)	NA
	Validation time (between entry and validate the data)	(days, O=4)	NA
C.5 - Testing devices for deterring avifauna landing in medium voltage lines	Anti-electrocution/collision devices installed	(nº, O=85)	NA
	Extension of medium voltage lines with the new type of prototypes installed	(km, O=13)	NA
	Effectiveness of new anti-electrocution devices (% reduced mortality)	(%, O=80)	NA
C.6 - Development, essay and application of biodiverse grasslands to promote biodiversity in linear infrastructures	Species evaluated in preselection	Nº, O=20	1064
	New protocols of species germination with conservation interest	Nº, O=5	8
	Species with harvested seeds	Nº, O=20	153
	Selected species	Nº, O=10	NA

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	Intervention essay areas	Nº, O=10	23
	Quantity of seeds collected by volunteers	%, O=25	30
	Rehabilitated greenhouses for conservation objectives	Nº, O=1	1
C.7 - Mitigation measures and potentiation of roads in Évora municipality	Total length of municipal roads parts covered by mitigation measures.	Km, O=9	9
	Total length of disabled railways covered by mitigation measures.	Km, O=21	21
	Endemic flora species target of potentiation work.	Nº, O=6	7
	Butterflies species target of habitat potentiation	Nº, O=4	6
	Invasive plant species target of control/eradication	Nº, O=6	1
	Reduction of mortality records in EM529	%, O=20%	NA
C.8 - Mitigation measures and potentiation of roads in Montemor-o-Novo municipality	Total length of municipal roads parts covered by mitigation measures.	Km, O=15	15
	Total length of disabled railways covered by mitigation measures.	Km, O=13	13
	Endemic flora species target of potentiation work.	Nº, O=2	7
	Butterflies species target of habitat potentiation	Nº, O=3	10
	Small mammal species target of habitat potentiation	Nº, O=2	2
	Invasive plant species target of control/eradication	Nº, O=7	1
	Invasive flora area species target of control/eradication	m ² , O=32000	NA
C.9 - Operations in plant nursery to the conservation actions	Plant Production area installed	m ² , O=5000	5000
	Plots of production of seeds installed	m ² , O=1000; Nº=10	1000
	Woody species propagated with the action	Nº, O=9	22
	Herbaceous species propagated with the action	Nº, O=11	25
	Produced plants vs necessary plants to the conservation works	%, O=100	NA
C. 10 - Promotion of “islands” of Biodiversity along the power lines	Experimental plots installed to create Biodiversity Islands	Nº, O=3	15
	Total area covered	m ² , O=300	720
	Installed fence	m, O=75	420
D.1- Monitoring / evaluation of socio-economic effects of the project	Adopted indicators to monitoring the effects	Nº, O=20	34
	Trimestral update of the indicators	Nº, O=15	11
	Produced and sent reports	Nº, O=1	NA
D.2 - Monitoring / evaluation effects of	New permeability maps produced	Nº, O=2	NA

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the project on ecosystem functions.	Produced and sent reports	Nº, O=1	NA
D.3 - Monitoring / evaluation of the effects / impacts of conservation measures	Update of data information layers integrated into GIS database	Nº, O=20	0
	New occurrence records integrated into GIS database	Nº, O=10000 to 20000	7598
	Update of fauna species mortality records covered by the fauna database (10 amphibians, 10 reptiles, 35 mammals and 85 birds).	Nº	210, Amphibians= 16 Reptiles=17 Mammals=51 Birds=126
	New permeability maps produced	Nº, O=15	18
	New functional connectivity maps produced	Nº, O=2	6
	Animals tracked with GPS/GSM system	Nº, O=12	13
	Monitored of power lines supports	Nº, O=60	40
	Seeds plots of biodiverse mixtures monitored	Nº, O=20	23
	Monitored sites of successful invasive species control	Nº, O=20	31
E.1 - Communication Plan - Project Website	Invasive species target of remote sensing methods of analysis	Nº, O=4	NA
	Content update frequency	Nº of updates, N=20	118
	Monthly average users	Nº, O=200	237
	Statistics on numbers, average session time (AST) and geographical provenience of users	AST (min)	0,36
E.2 – Communication Plan – Placards/Outdoors in intervention area	Downloads from the website	Nº, MB	NA
	Placards of medium size installed in sites of C Actions interventions	Nº, O=50	52
Action E.3 – Communication Plan – Public disclosure sessions and contacts with the media	Large Outdoor installed as part of C.1 Action intervention	Nº, O=1	1
	Press releases/schedule emitted or written throughout the project	Nº, O=30	41
Action E.3 – Communication Plan – Public disclosure sessions and contacts with the media	Press conferences organized during the project	Nº, O=10	0
	Public seminars organized (annual)	Nº, O=5	3
	Average of participants in the public seminars	Nº, O=80	72
E.4 - Communication Plan - Complementary works and materials	Short teasers (about 1 minute) produced and distributed on the Internet throughout the project	Nº, O=20	10
	Thematic videos of medium duration with audiovisual supporting content for specialized media visits	Nº, O=20	11
	Radio spots produced/broadcasting	Nº, O=10	19
	Project documentary	Nº, O=1	NA

Action	Indicator	Quantity	Executed until August 2019
	Tutorials videos	Nº, O=2	NA
E.5 - Awareness and involvement of the academic community in collecting information/data	Researchers of UEVORA, FCUP and UA with credentials to the national platform.	Nº, O=14	8
	PhD and Master Thesis concluded.	Nº, O=6	4
	Students of UEVORA, FCUP and UA registered in mobile application	Nº, O=200	NA
	Researchers of UEVORA, FCUP and UA registered in mobile application	Nº, O=80	NA
	Collected data by academic community of UEVORA, FCUP and UA	Nº, O=8000	NA
E.6 - Training / dissemination among stakeholders	Organized workshops	Nº, O=8	3
	Total participants in workshops	Nº, O=160	85
	Requests for workshops	Nº, O=10	0
	Applied knowledge by participants	%, O=50%	64
	Good practices guidelines	Nº, O=3	NA
	Downloads good practices guidelines	Nº; O=200	NA
E.7 - Networking with other LIFE and not LIFE projects	European experts invited to visiting the project	Nº, O=4	5
	LIFE and non-LIFE projects visited by members of the project team.	Nº, O=4	8
	Presentations of the project in Green Week editions	Nº, O=2	0
	Presentations of the project in European seminars/events	Nº, O=4	12
	Ideas of network projects to integrate the Communication and Conservation Post-LIFE Plan.	Nº, O=2	NA
E.8 - Volunteer Program for young people	Average number of young people participants in the program	Nº, O=30	31
	Associations and IPSS participants in the program	Nº, O=12	11
	Enterprises/institutions participants in the program	Nº, O=8	13
	Habitat area beneficiated by voluntary work	Ha, O=2	0,71
	Species of flora beneficiated by voluntary work	Nº, O=10	11
	Species of fauna beneficiated by voluntary work	Nº, O=8	8
E.9 - Technical seminars to present the developments and results of the project	Professional participants in the initial seminar	Nº, O=50	102
	Professional participants in the middle seminar	Nº, O=120	50
	Professional participants in the final seminar	Nº, O=200	NA
	Power Point presentations	Nº, O=80	27

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	Abstract book edited in digital form.	Nº, O=3	0
E.10 - "Adopt a road", environmental educational/awareness program with local schools	Young people involved by municipality in vacation camps	Nº/year, N=9	22 / 585 ¹⁾
	Total of young people involved by municipality in vacation camps	Nº, O=72	22 / 1503
	Juvenile Center use by young people between regular activities	Nº/municipality, O=9	7
	Juvenile Center use by young people involved by municipality	Nº, O=9	NA
	Identified roadkilled animals	Nº, O=1000	NA
	Adopted sections of roads	Nº, O=2	1
	Surveys at stretches of roads adopted	Nº, O=24	16
	Mortality records of fauna in the mobile app by section of road	Nº, O=100	NA
F.1 – Project management	CP team members present in the kick-off meeting	Nº, O=2	3
	CG meetings accomplished	Nº, O=20	2
	CTAG meetings accomplished	Nº, O=60	25
	CP meetings accomplished	Nº, O=240	218
	CA meetings accomplished	Nº, O=6	2
	CA members present in meetings	%, O=90	70,1%
F.2 – Compiling and Structuring the Indicators of Development of the project	Regular update of the progress indicator's list	NA	3