

Action	Indicator	Quantity	Executed until June 2020
<b>A.1 - Completing and updating of baseline characterization (UE)</b>  (concluded 31 March 2018)	Data information layers integrated into GIS database	N°, O=79	
	Occurrence records integrated into GIS database	N°, O=25.000	
	Species covered by wildlife database	N°, O=7 amphibians, 8 reptiles, 25 mammals and 80 birds	
	Connectivity maps generated	N°, O=2	
	Fraction of intervention sites covered by detailed data / maps in GIS database	%, O=100	
	Animals tracked with GPS/GSM system	N°, O=12	
	Number of wildlife crossings and culverts mapped	N°, N=50	
	Invasive species with new approach of remote sensing methodology	N°, N=4	
<b>A.2 - Compilation, structuring and implementation of national database and multi-user web platform</b>	Number of persons / organizations that contributed with GIS data information layers	N°, N=16	16
	Roadkill data incorporated into GIS database	N°, N=50.000	93672
	Species incorporated into GIS database	N°, N=120	225
	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%	13%
<b>A.3 - Project implementation, licensing, procurement of permits and contracting procedures necessary to actions C</b> (concluded 31/12/2018)	Execution projects (Forestry and civil engineering / Landscaping) produced	N°, O=12	
	Authorizations, licensing and procurement of permits necessary to actions C obtained	%, Target=100	
	Procedures of public contracting launched	%, Target=100	
<b>A.4 - Development, testing and evaluation of automated systems of monitoring and / or deterrence</b>  (concluded 31/06/2019)	No. of monitoring prototypes developed	N°, N=2	2+1 (3)
	No. of dissuasion prototypes developed	N°, 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	N°	13
	Records of passerines mortality obtained with the monitoring prototype	N°	32
<b>A.5 - Installation of autochthonous plant nursery for conservation actions</b>	No. of created nurseries	N°, O=1	
	Area of produced plants created	m <sup>2</sup> , O=5.000	

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<b>(concluded 31/12/2016)</b>	Plots to seeds production installed	m <sup>2</sup> , O=1.000	
	Number of woody species in growth	N°, O=4	
	Number of bulbous species in growth	N°, O=1	
	Growing plants to conservation tasks (Actions C)	N°, O=1000	
<b>A.6. – Development of prototypes for deterring avifauna in medium voltage lines</b>  <b>(concluded 15/5/2019)</b>	Prototype solutions developed for reducing bird kills	(n°, O=1)	1
	New device produced to reduce simultaneously bird electrocution and collisions	(n°, 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
<b>A.7. Development and adoption of internal guidelines to support post-project management</b>	Internal standards proposed/approved in IP associated with internal guidelines	(no. O=1);	NA
	Internal standards proposed/approved in IP associated with hiring guidelines	(no. O=1);	NA
	Effectiveness of the Internal Standards approved at the end of the project	(%, O=100).	NA
<b>C.1. Integrated Mitigation of the reduction of conductivity and permeability of the landscape in national and principal roads</b>	Passages for fauna installed on culverts.	N°, O=5	6
	Structural improvement of culverts to prepare mitigation work	N°, O=1	1
	Restoration of fences and plantations to lead to culvert paths.	N°, O=7	6
	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	N°, O=4	3
	Number of typologies of demonstrative solutions	N°, O=5	5
<b>C.2 - Potentiation of the verges and marginal parcels of roads infrastructures as shelter areas, refuge, food and / or displacement</b>	Micro-reserves installed /established	N°, 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.	N°, O=2	NA
	Protocols to prevent, detect and control of invasive species along the IP roads.	N°, O=2	1
	Mortality reduction of Tawny Owl by installing shrub screens	%, O=10	NA

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<b>C.3 - Development and installation of vertical road traffic signs</b>	Vertical signals created	Nº, O=1	
	Vertical signals acquired and installed.	Nº, O=10	
<b>C.4 - Mobile Application to promote the collect of mortality data</b>	Mortality records validated in GIS database by mobile application.	Nº/month, O=600	72
	Records send by mobile application	(%/total; O=10%)	13%
	Validation time (between entry and validate the data)	(days, O=4)	4
<b>C.5 – Testing devices for deterring avifauna landing in medium voltage lines</b>	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
<b>C.6 - Development, essay and application of biodiverse grasslands to promote biodiversity in linear infrastructures</b>	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	>10
	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
<b>C.7 - Mitigation measures and potentiation of roads in Évora municipality</b>  (concluded 30/6/2020)  <i>* only Arundo donax was controlled, as it was also the only well represented exotic invasive species along the Ecotrail</i>	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
<b>C.8 - Mitigation measures and potentiation of roads in Montemor-o-Novo municipality</b>  <i>* Only 8400m2 are adequate for intervention</i>	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	4
	Invasive flora area species target of control/eradication	m <sup>2</sup> , O=32000	NA*
<b>C.9 - Operations in plant nursery to the conservation actions</b>	Plant Production area installed	m <sup>2</sup> O=5000	5000
	Plots of production of seeds installed	m <sup>2</sup> , 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
<b>C. 10 - Promotion of “islands” of Biodiversity along the power lines</b> (concluded 31/12/2018)	Experimental plots installed to create Biodiversity Islands	Nº, O=3	15
	Total area covered	m <sup>2</sup> O=300	720

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	Installed fence	m, O=75	420
<b>D.1- Monitoring / evaluation of socio-economic effects of the project</b>	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
<b>D.2 - Monitoring / evaluation effects of the project on ecosystem functions.</b>	New permeability maps produced	Nº, O=2	NA
	Produced and sent reports	Nº, O=1	NA
<b>D.3 - Monitoring / evaluation of the effects / impacts of conservation measures</b>	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	20280
	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	20+20+20 (2018+2019+2020) – Flora
	Seeds plots of biodiverse mixtures monitored	Nº, O=20	23+23 (in situ; 2019+2020)
	Monitored sites of successful invasive species control	Nº, O=20	81 (2019)
	Invasive species target of remote sensing methods of analysis	Nº, O=4	5
<b>E.1 - Communication Plan - Project Website</b>	Content update frequency	Nº of updates, N=20	208
	Monthly average users	Nº, O=200	236
	Statistics on numbers, average session time (AST) and geographical provenience of users	AST (min)	2,45
	Downloads from the website	Nº, MB	NA
<b>E.2 – Communication Plan – Placards/Outdoors in intervention area</b>	Placards of medium size installed in sites of C Actions interventions	Nº, O=50	52
	Large Outdoor installed as part of C.1 Action intervention	Nº, O=1	1
<b>Action E.3 – Communication Plan – Public disclosure sessions and contacts with the media</b>  <i>* NEWS (Instead of Press releases)</i>	Press releases/schedule emitted or written throughout the project	Nº, O=30	601*
	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
<b>E.4 - Communication Plan - Complementary works and materials</b>	Short teasers (about 1 minute) produced and distributed on the Internet throughout the project	Nº, O=20	15
	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
	Tutorials videos	Nº, O=2	NA
<b>E.5 - Awareness and involvement of the academic community in collecting information/data</b>  <i>*not possible to be sure who is student</i>	Researchers of UEVORA, FCUP and UA with credentials to the national platform.	Nº, O=14	8
	PhD and Master Thesis concluded.	Nº, O=6	6
	Students of UEVORA, FCUP and UA	Nº, O=200	1*

Action	Indicator	Quantity	Executed until June 2020
	registered in mobile application		
	Researchers of UEVORA, FCUP and UA registered in mobile application	Nº, O=80	46
	Collected data by academic community of UEVORA, FCUP and UA	Nº, O=8000	208
<b>E.6 - Training / dissemination among stakeholders</b>	Organized workshops	Nº, O=8	4
	Total participants in workshops	Nº, O=160	122
	Requests for workshops	Nº, O=10	1
	Applied knowledge by participants	%, O=50%	64
	Good practices guidelines	Nº, O=3	NA
	Downloads good practices guidelines	Nº; O=200	NA
<b>E.7 - Networking with other LIFE and not LIFE projects</b>	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	14
	Ideas of network projects to integrate the Communication and Conservation Post-LIFE Plan.	Nº, O=2	NA
<b>E.8 - Volunteer Program for young people</b>	Average number of young people participants in the program	Nº, O=30	38
	Associations and IPSS participants in the program	Nº, O=12	14
	Enterprises/institutions participants in the program	Nº, O=8	20
	Habitat area beneficiated by voluntary work	Ha, O=2	3,78
	Species of flora beneficiated by voluntary work	Nº, O=10	11
	Species of fauna beneficiated by voluntary work	Nº, O=8	8
<b>E.9 - Technical seminars to present the developments and results of the project</b>	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
	Abstract book edited in digital form.	Nº, O=3	0
<b>E.10 - "Adopt a road", environmental educational/awareness program with local schools</b>	Young people involved by municipality in vacation camps	Nº/year, N=9	22 / 585 <sup>1)</sup>
	Total of young people involved by municipality in vacation camps	Nº, O=72	22 / 1503 <sup>2)</sup>
	Juvenile Center use by young people between regular activities	Nº/municipality, O=9	7 <sup>3)</sup>
	Juvenile Center use by young people involved by municipality	Nº, O=9	NA <sup>4)</sup>
	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
<b>F.1 – Project management</b>	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	28

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	CP meetings accomplished	Nº, O=240	218
	CA meetings accomplished	Nº, O=6	2
	CA members present in meetings	%, O=90	70,1%
<b>F.2 – Compiling and Structuring the Indicators of Development of the project</b>	Regular update of the progress indicator's list	NA	5