

LOOKING DEEP INTO NATURE

bioinsight
GRUPO

Portfólio
2005 - 2019

ENVIRONMENTAL SPECIALISTS

Presentation

Bioinsight is an international company that provides consultancy services to economic activities that directly affect natural resources and, therefore, have significant impacts on Biodiversity and the Ecosystems.

We work together with our Clients on developing solutions to meet the requirements of the several steps that compose the business cycle of their projects: planning, risk assessment, impact assessment, avoidance, mitigation, restoration and compensation/offsets.

We integrate world-renowned specialists in reconciling economic activities and biodiversity throughout the business cycle of our clients' projects. Together with our partners, we provide a singular combination of know-how and expertise in planning, data collection, data analysis and reporting.

Bioinsight provides the following services (onshore & offshore):



**Environmental
Impact
Assessment**



**Biodiversity
Monitoring**



**Economic
Valuation of
Biodiversity**



**Mitigation,
Compensation
/ Offsets**



**Biodiversity
Management
Planning**



**Scientific &
Technical
Advisory**



**Training
Courses**



Due Diligence



Cartography

We are based in Portugal with an office in Lisbon and Aveiro. We are also in South Africa with Bioinsight South Africa (Cape Town), and in Mozambique with Biodinâmica (Pemba and Maputo).

Bioinsight also works with several international partners with accumulated experience and know-how in ecology, biodiversity, environmental sciences, technologies and engineering. Our partnerships allow us to work in the geographical markets such as Europe, Southern Africa and South America.



Team

Bioinsight is formed by a group of experienced professionals in biodiversity. The team has biologists specialized in the following areas:



Birds



Bats



**Habitat &
Flora**



**Terrestrial
Fauna**



**Marine
Mammals &
Seabirds**



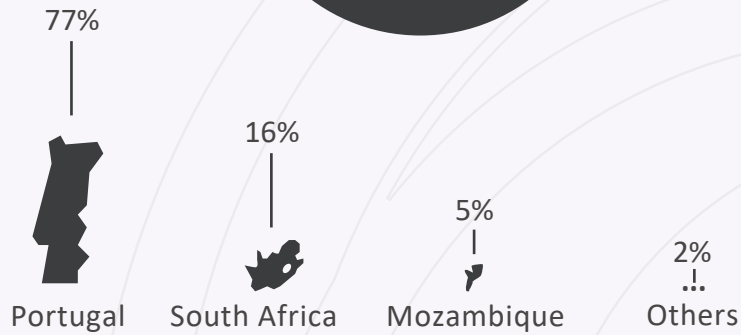
**Fish &
Benthic
Communities**

EXPERIENCE
OVERVIEW

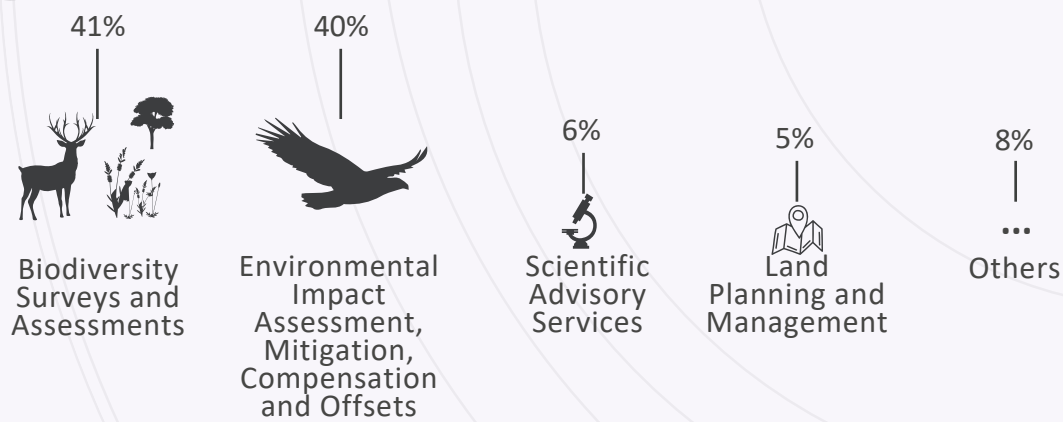
bioinsight
GROUP

752
PROJECTS

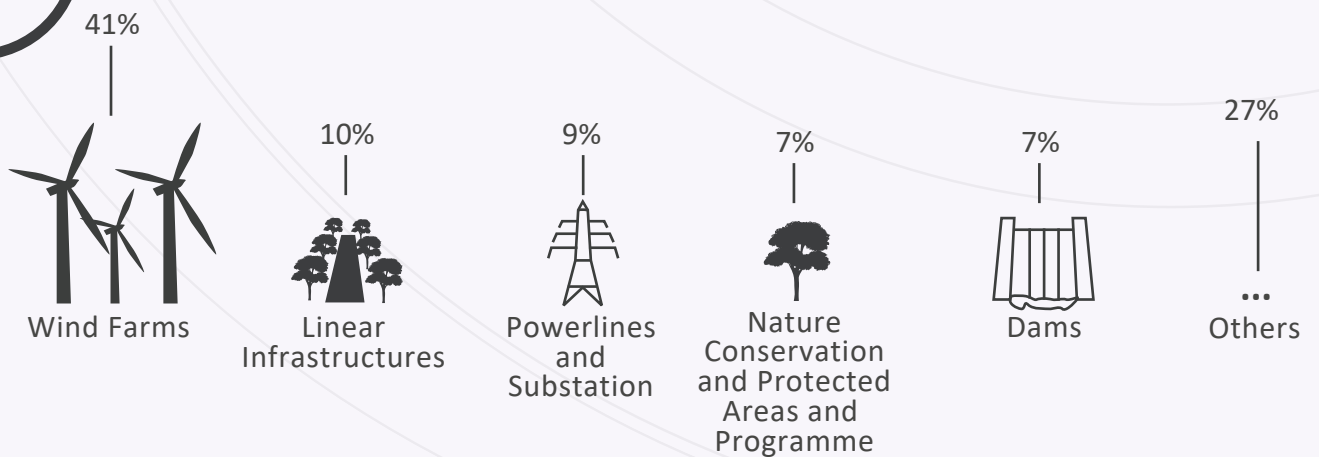
15
COUNTRIES



12
SERVICES



15
SECTORS

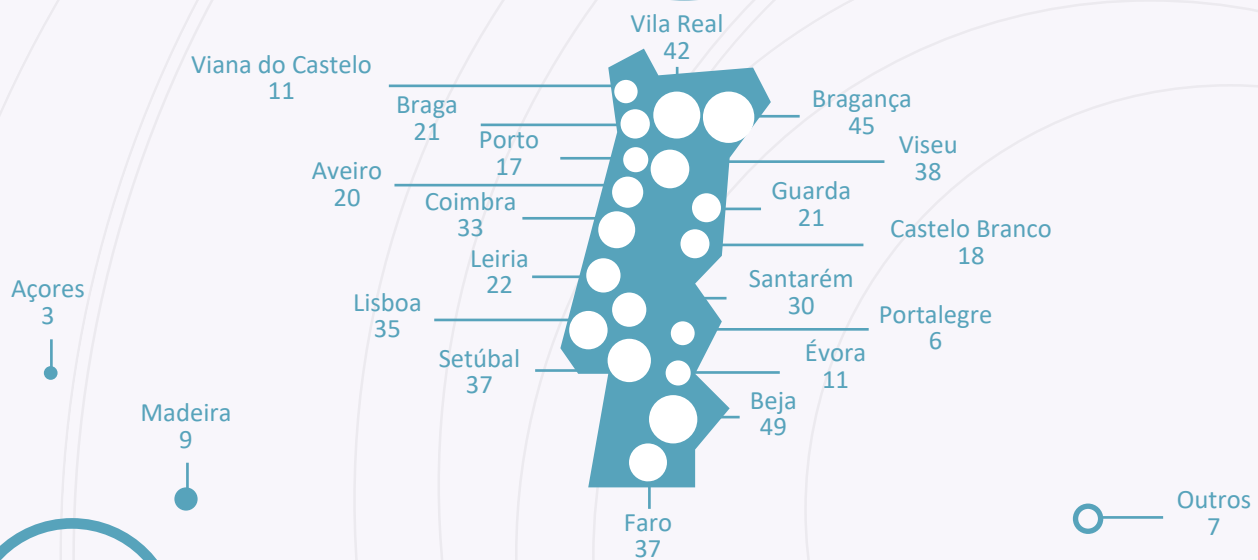


EXPERIENCE
OVERVIEW

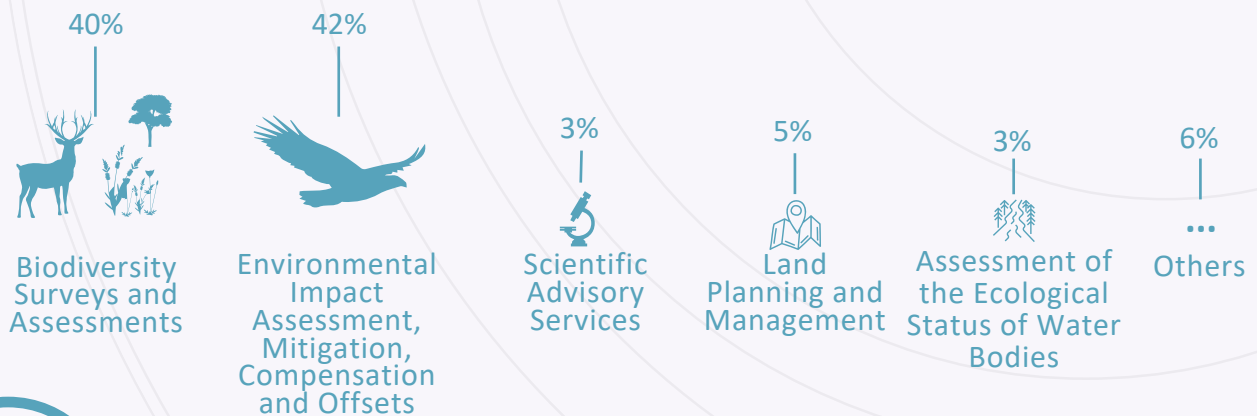

P O R T U G A L



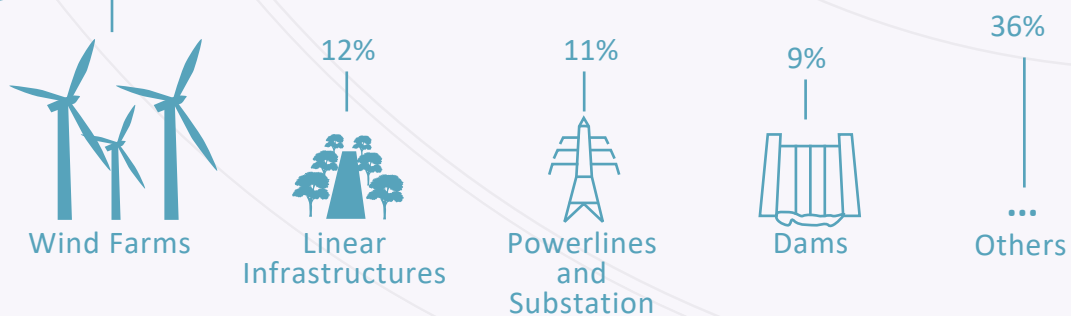
577 PROJECTS



10 SERVICES



15 SECTORS



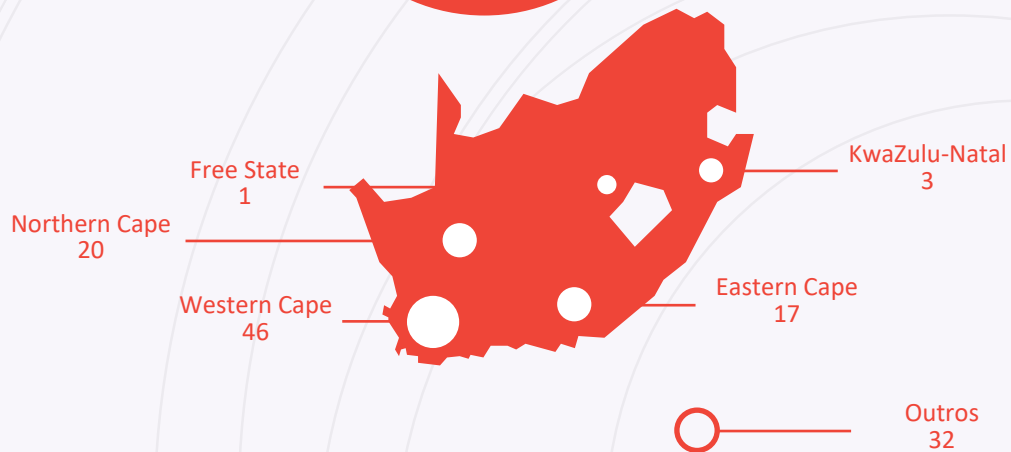
EXPERIENCE
OVERVIEW



bioinsight

SOUTH AFRICA

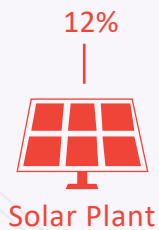
120
PROJECTS



3
SERVICES



2
SECTORS



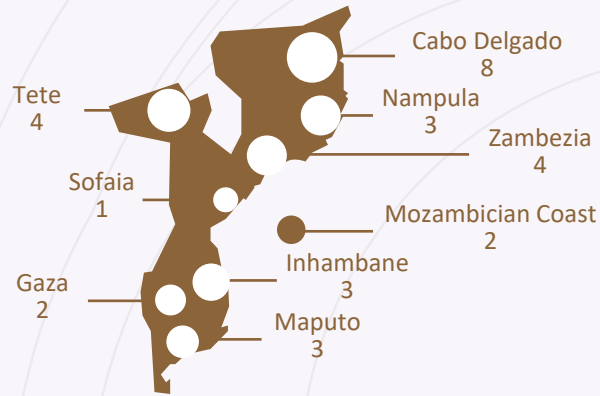
EXPERIENCE
OVERVIEW

biodinâmica

MOZAMBIQUE

A dark brown silhouette of the map of Mozambique is positioned on the right side of the page, partially overlapping the text. The background of the entire page is a light brown color with a repeating pattern of small, darker brown circles.

32
PROJECTS



5
SERVICES



Environmental Impact Assessment, Mitigation, Compensation and Offsets

17%



Environmental Awareness, Training and Scientific Advisory

10%



Economic Valuation of Biodiversity and Ecosystem Service

7%



Biodiversity Surveys and Assessments

6%



Biodiversity and Land Management Planning

6
SECTORS



Nature Conservation and Protected Areas and Programme

40%

17%



Oil and Gas

14%



Powerlines and Substation

13%



Environmental Education and Training

13%



Industry

3%



Tourism and Urban Areas

EXPERIENCE
OVERVIEW

A dark gray world map is centered on the page, with several concentric circles of varying shades of gray overlaid on it. The circles are centered on the map, creating a ripple effect. The map shows the continents in a slightly lighter shade of gray than the oceans.

bioinsight

OTHER COUNTRIES

18 PROJETOS

Filand
1



Belgium
1



Angola
1



Israel
1



Venezuela
1



Cape Verde
1



México
1



Brazil
7



Kosovo
2



Colômbia
1



6
SERVICES

33%



Scientific
Advisory
Services

33%



Biodiversity
Surveys and
Assessments

22%



Environmental
Impact
Assessment,
Mitigation,
Compensation
and Offsets

4
SETORES

82%



Wind Farms

6%



Water
Treatment
Plant

6%



Airports

6%



Solar Plant



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PROJECTS

 **bioinsight**
PORTUGAL



Wind Farms and Solar Plants

Biodiversity Surveys and Assessments

2019

Bird Monitoring at Douro Sul WEF - Moimenta and Sernancelhe Sub-WF (3rd Year Monit OP), Portugal

Bird, Bat and Flora Monitoring at ENEREEM's two Wind Farms at Paúl da Serra, Portugal

Bird and Bat Monitoring at Fonte Cova Wind Farm, Portugal

Lage Wind Farm (RPW) and Mação 3 Winf Farm (RPW) - Avifauna and Chiroptera Monitoring - Year 0, Portugal

2018

Environmental report for request of legal framework to the APA of Wind farm of Terreiro das Bruxas, Portugal

Bird and Bat Monitoring in Wind Farm Tocha II – Year 0, Portugal

Bat and Bird Fatality Monitoring at Alto da Vaca Wind Farm (Operation phase), Portugal

2017

Ecological Monitoring: Birds carcass removal tests in LMAT Palmela-Évora, Portugal

Flora Monitoring at S. Macario's Wind Farm, Portugal

Bird, Bat and Flora Monitoring at Arrimal's Wind Farm (Year 0), Portugal

Bird and Bat Monitoring of the expansion area of Malhadas' Wind Farm - Year 0, Portugal

Flora and Vegetation monitoring at Gardunhas', Caramulo and Pinhal Interior Wind Farms - Year 0, Portugal

Bird and Bat Monitoring at Chavães and Sendim Wind Farms and associated powerline, Portugal

Bat monitoring at Três Marcos and Douro Sul's Wind Farms, Portugal

Flora and Vegetation Monitoring and invasive flora species' control at Três Marcos and Douro Sul's Wind Farms, Portugal

Bird and Bat Monitoring of the expansion area of Gardunha's and Caramulo's Wind Farm -(Year 0) Portugal

2016

Iberian wolf monitoring at Serra de Bornes Wind Farm (construction phase), Portugal

Bird and Bat Carcass search monitoring at Alto do Marco's Wind Farm (operation phase - 2016), Portugal

Flora and vegetation monitoring at Picos - Vale do Chão Wind Farm and powerline (operation phase), Portugal

Bird Monitoring at Serra dos Candeeiros' Wind Farm, Portugal

Bird and Bat Monitoring at Caramulo's Wind Farm, Portugal

Implementation of an invasive flora species (Acacia sp.) management plan at Pampilhosa da Serra Wind Farm (operation phase - continuation), Portugal

Implementation of an invasive flora species (Acacia sp.) Management Plan at Lousã I Wind Farm (operation phase - continuation), Portugal

Bird, Bat, Flora and Vegetation monitoring at Lousã II Wind Farm and its expansion area (operation phase), Portugal

Bird, Bat and Iberian Wolf Monitoring at Lomba da Seixa Wind Farm (Year 0), Portugal

Bird, Bat and Iberian Wolf Monitoring at Cabeço Alto's Wind Farm (Year 0), Portugal

Bird, Bat, Flora, Vegetation and Iberian Wolf Monitoring at the expansion area of Bornes' Wind Farm (operation phase), Portugal

Bird and Bat Monitoring at Chão Falcão II & III Wind Farm and associated expansion areas (operation phase), Portugal

Iberian Wolf Monitoring of Montalegre's Wind Farm (operation phase, year 1), Portugal

Vegetation Recovery Status Checking of Lousã 2's Wind Farm Platforms, Portugal

Bird and Bat Monitoring of Vila Lobos' Wind Farm (construction and operation phase), Portugal

Bird and Bat Monitoring at Serra da Candeeiros' Wind Farm and its expansion area (operation phase), Portugal

Success Evaluation of the Implementation of the Management Plan for temporary lagoons at Lagoa Funda Wind Farm, Portugal

Comparative analysis of the data obtained during the monitoring of bats performed between February 2007 and February 2011 at Cabeço da Rainha II Wind Farm, Portugal

Verification of the Recovery of Intervened Areas in Vila Lobos' Wind Farm, Portugal

Flora Monitoring at the expansion area of Candeeiros' Wind Farm (operation phase), Portugal

Design of the mortality monitoring plan of Malhadas' Wind Farm (year 0 update), Portugal

2015

Monitoring and Implementation of the minimization strategies on flora and at Serra da Freita I and II Farm Wind, Portugal

Bird Monitoring at Picos-Vale do Chão Wind Farm and power line (60kV) (construction and operation phase), Portugal

Bird Monitoring at Douro Sul Wind Farm (Power Line 400kV, Moimenta and Sernancelhe sub-wind farms (construction and operation phase), Portugal

Bat Monitoring at Escoural's Wind Farm (Year 0), Portugal

Flora Monitoring at Três Marcos' Wind Farm (pre-construction phase), Portugal

Flora and bat roost monitoring at Escoural's Wind Farm (Year 0), Portugal

Flora and vegetation monitoring at the Facho-Colmeia Wind Farm (operation phase), Portugal

Bat Monitoring at Lagoa D. João e Feirão Wind Farm, Portugal

Bird, Bat, Flora and Vegetation Monitoring at the expansion area of Lousã II Wind Farm (construction phase), Portugal

Flora Monitoring at the expansion area of Candeeiros Wind Farm (construction phase), Portugal

Bird Monitoring at Três Marcos' Wind farm (construction and operation phase), Portugal

2014

Bulb transplant in the new access to the turbine 28 at Serra de Candeeiros' Wind Farm, Portugal (operation phase)

Bird and Bat monitoring at Vila Lobos' Wind Farm, Portugal (pre-construction phase)

Assessment of the use of a Bonelli's eagle's nest in the surroundings of Figueira Brava Wind Farm, Portugal

Bird, Bat and Flora Monitoring at the Portela do Pereiro's Wind Farm, Portugal (operation phase)

Bird, Bat and flora monitoring at Altos dos Forninhos' Wind Farm (operation phase)

Amphibians, Reptiles and Terrestrial Mammals monitoring and Land clearing, soil and biomass management plan at Três Marcos' Wind Farm, Portugal

Bird, Bat, flora and vegetation monitoring at Vale da Estrela's Wind Farm, Portugal (construction and operation phase)

Implementation of an invasive species Management Plan at Lousã II Wind Farm, Portugal

Bird Monitoring at Escoural's Wind Farm (Year 0), Portugal

Bat monitoring at Alvaizere Wind Farm (5th year monitoring - operation phase)

2013

Ecological clerk of works and flora monitoring at Prados Wind Farm, Portugal (construction phase)

Flora and vegetation monitoring at the Serra da Freita Wind Farm, Portugal (operation phase)

Montagu's Harrier (*Circus pygargus*) monitoring at Chiqueiro Wind Farm, Portugal (operation phase)

Flora and vegetation monitoring at the expansion area of Serra da Freita I Wind Farm, Portugal (pre-construction and construction phases)

Flora monitoring at the expansion area of Bornes Wind Farm, Portugal (pre-construction phase)

Endangered flora species (*Veronica micrantha*) monitoring at Bornes Wind Farm, Portugal (extension of the monitoring period in the operation phase)

Bird monitoring at Mértola's Wind Farm, Portugal (pre-construction, construction and operation phases)

Bat and flora monitoring at the expansion area of Candeeiros Wind Farm, Portugal (pre-construction phase)

Bat activity assessment at blade height and ground level at the Escoural Wind Farm, Portugal (pre-construction phase)

Bird, bat, flora and vegetation monitoring at Mosqueiros II Wind Farm, Portugal, and its expansion area (pre-construction, construction and operation phase)

Flora and vegetation (pre-construction) and bird (pre-construction and construction phases) monitoring at Alto dos Forninhos Wind Farm, Portugal

2012

Wolf, bats and birds monitoring at Mirandela wind farm, Portugal (pre-construction phase)

Bird, bat and flora monitoring at Tocha's Wind Farm, Portugal (pre-construction and construction phase)

Bird monitoring at Lagoa Funda Wind Farm, Portugal (operation phase)

Implementation of an invasive flora species (*Acacia* sp.) Management Plan at Lousã I Wind Farm, Portugal (operation phase)

Bird and flora monitoring at Chão Falcão I Wind Farm, Portugal (operation phase)

Bird and bat monitoring at Figueira Brava wind farm, Portugal (pre-construction phase)

Bird and flora monitoring (pre-construction, construction and operation phases) and bat monitoring (operation phase) at Lousã II Wind Farm, Portugal, including its expansion area

Bird, including red-billed chough (pre-construction, construction and operation phases), flora and vegetation (construction and operation phase) monitoring at Meroicinha II Wind Farm, Portugal

Flora, vegetation and bird monitoring at Maunça Wind Farm, Portugal (pre-construction phase)

Bird and bat monitoring at 3 Marcos Wind Farm, Portugal (pre-construction phase)

Implementation of an invasive flora species (*Acacia* sp.) management plan at Pampilhosa da Serra Wind Farm, Portugal (operation phase)

Monitoring of a vertical bat roost at Malhanito Wind Farm, Portugal (pre-construction, construction and operation phases)

Bird and flora monitoring at Meadas wind farm, Portugal (operation phase)

Transplantation of the endangered flora species *Scilla ramburei* subsp. *beirana* prior to the construction of Prados Wind Farm, Portugal

2011

Bonelli's eagle monitoring at Serra do Mú Wind Farm, Portugal (pre-construction, construction and operation phase)

Bird including red-billed cough, and flora monitoring at Candeeiros Wind Farm, Portugal (operation phase 2005-2015)

Design of an invasive flora species' Management Plan at Picos – Vale do Chão Wind Farm, Portugal

Bird, bat and flora monitoring at Chão Falcão II Wind Farm, Portugal (construction and operation phase)

Bird, bat and flora monitoring at Chão Falcão II Wind Farm, Portugal (pre-construction, construction and operation phases)

Bat monitoring at Serra de Bornes Wind Farm, Portugal (operation phase)

Invasive species monitoring at Picos - Vale do Chão Wind Farm and its power line (60 kV) connecting to the Lousã II - Penela power line, Portugal

Bird and bat monitoring at Malhanito's Wind Farm, Portugal (pre-construction, construction and operation phases)

Wolf monitoring at Alto do Marco and Meroicinha II wind farms, Portugal (construction and operation phase)

Monitoring of the dune system's dynamics at Tocha's Wind Farm, Portugal (pre-construction, construction and operation phases)

Bird (pre-construction, construction and operation phases) and flora and vegetation (operation phase) monitoring at Gardunha Wind Farm, Portugal

2010

Bird monitoring at Picos - Vale do Chão Wind Farm, Portugal (pre-construction phase)

Bird, bat and flora monitoring at Prados Wind Farm, Portugal (pre-construction, construction and operation phases)

Bird monitoring (operation phase) and flora and vegetation (pre-construction and operation phase) monitoring at Pampilhosa da Serra Wind Farm, Portugal

Iberian wolf monitoring at Serra de Bornes Wind Farm, Portugal (operation phase)

Flora and vegetation monitoring at Serra de Bornes wind farm, Portugal (pre-construction and operation phase)

Habitat, *Narcissus asturiensis* and *Armeria humilis* (protected flora species) mapping at Meroicinha II Wind Farm, Portugal

Bird, flora and vegetation monitoring at São Macário II Wind Farm, Portugal (construction phase)

2009

Bird and bat monitoring at Serra da Nave Wind Farm, Portugal (pre-construction and operation phases)

Habitat 4020 monitoring at Serra do Alvão Wind Farm, Portugal (pre-construction phase)

Terrestrial mammal monitoring at Carreço-Outeiro II Wind Farm, Portugal (pre-construction phase)

Detailed mapping for the Lomba do Vale wind farm, Portugal

Bird monitoring at Lomba do Vale Wind Farm, Portugal (construction phase)

Bird and bat monitoring at Contim Wind Farm, Portugal (pre-construction, construction and operation phases)

Bird monitoring at Lomba do Vale Wind Farm, Portugal (pre-construction phase)

Bird and bat monitoring at Alto do Marco wind farm, Portugal (pre-construction phase)

Wolf monitoring at Meroicinha II Wind Farm, Portugal, through photo trapping (pre-construction phase)

Mapping of floristic species with conservation status at São Bento wind farm's construction area, Portugal

Baseline Ecological Assessment and bird and flora and vegetation monitoring at Cercal's Wind Farm, Portugal (pre-construction phase)

Bird monitoring at Bornes Wind Farm, Portugal (operation phase)

2008

Bird and bat monitoring at Cabeço da Rainha II Wind Farm, Portugal (pre-construction phase, construction and operation phases)

Bird and flora monitoring at São Bento wind farm, Portugal (pre-construction phase)

Bird monitoring at Bravo and Mougueiras Wind Farms, Portugal (construction and operation phases)

Bird, including Montagu's Harrier, and flora monitoring at Caramulo's Wind Farm, Portugal (pre-construction, construction and operation phases)

Baseline ecological study of Baixo Alentejo Wind farm, Portugal

Birds and bats monitoring at Mértola and Santa Cruz wind farms, Portugal (pre-construction phase)

Bird and bat monitoring at Montalegre and Facho-Colmeia Wind Farms, Portugal (pre-construction, construction and operation phases)

Bird and bat monitoring at Carreço-Outeiro II Wind Farm, Portugal (pre-construction, construction and operation phases)

2007

Bird (pre-construction, construction and operation phases) and flora (construction and operation phases) monitoring at São Macário Wind Farm, Portugal

Bird and bat monitoring at Guarda II Wind Farm, Portugal (pre-construction and operation phase)

Bird, bat, flora and vegetation monitoring at Alto Minho Wind Farm, Portugal (Picos, Alto do Corisco and Santo António sub-farms) (pre-construction and operation phases)

Bird monitoring at Mastro's Wind Farm, Portugal (operation phase)

2006

Bird monitoring at S. Macário's Wind Farm, Portugal (pre-construction phase)

Bird, flora and vegetation monitoring at Moradal/Proença Wind Farm, Portugal (pre-construction, construction and operation phases)

Bird, bat and wolf monitoring at Sabugal Wind Farm, Portugal (pre-construction phase)

Bird monitoring at Perdigão Wind Farm, Portugal (pre-construction, construction and operation phases)

Bird monitoring at Zibreiro Wind Farm, Portugal (pre-construction phase)

2005

Baseline Ecological Assessment for the potential construction of Vale Grande Wind Farm, Portugal

Final report of the red-billed chough (*Pyrrhocorax pyrrhocorax*) monitoring at Serra de Candeeiros' south ridge area, Portugal

Bird and flora monitoring at Pinhal do Interior Wind Farm, Portugal (pre-construction, construction and operation phases)

Bird monitoring at Monção Wind Farm site (Portugal) and design of the Monitoring Programme to be integrated in the project's Environmental Compliance Report

Baseline Ecological Assessment on Black Vulture (*Aegypius monachus*) at Sabugal Wind Farm site, Portugal (pre-construction phase)

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2019

Environmental Impact Studies of the Serra da Lage Wind Farms "REPOWERING" and Mação 3 "REPOWERING", Portugal

2018

Ecological Component of the Environmental Impact Study of two Solar Power Stations in Salvaterra de Magos, Portugal

Ecological Component of the Environmental Study of Wind Farm of Bigornes, Portugal

Ecological Component of the Environmental Impact Assessment of Arrimal's Wind Farm, Portugal

2017

Ecological Section of the Environmental Impact Study of a Solar Power Plant in Ourique, Portugal

Update of the Ecological Section of Malhadas' Wind Farm Environmental Impact Study, Portugal

2016

Environmental Report of the Arrimal Wind Farm - legal framework for the APA (Portuguese Environment Agency), Portugal

2015

Ecological Impact Assessment of Mirandela Wind Farm, Portugal

2014

Ecological Impact Assessment of the Três Marcos II's Wind Farm, Portugal

2013

Peer-review of the ecology section of the Picos - Vale do Chão Wind Farm, Portugal

Design and Implementation of the Montagu's Harrier (*Circus pygargus*) Offset Programme at Prados Wind Farm, Portugal

Design and implementation of the Common Kestrel (*Falco tinnunculus*) Mitigation and Offset Programme at Candeeiros Wind Farm, Portugal

Design and implementation of the Bird Offset Programme at Mértola Wind Farm, Portugal

2012

Ecological Impact Assessment of Mirandela Wind Farm, Portugal

Ecological section of the environmental impact assessment at Figueira Brava wind farm, Portugal

Ecological Impact Assessment of Maunça's Wind Farm, Portugal

Ecological constraints analysis and Ecological Impact Assessment at 3 Marcos Wind Farm, Portugal (pre-construction phase)

2011

Ecological technical note on the over-equipment at Freita I Wind Farm, Portugal

Ecological Impact Assessment of Santiago do Escoural Wind Farm, Portugal

Design and implementation of the mitigation measures program directed at the Bonelli eagle at the Malhanito wind farm, Portugal

2010

Rare, endemic, localized and threatened flora species monitoring at Picos - Vale do Chão Wind Farm, Portugal, and design of a flora and vegetation monitoring programme to be included in the project's Environmental Compliance Report

Ecological Impact Assessment of Cercal's Wind Farm, Portugal

2009

Ecological Impact Assessment of Alto do Marco's Wind Farm, Portugal

Ecological Impact Assessment of the new Tocha's Wind Farm, Portugal

2008

Ecological diagnosis for the potential construction of a Wind Farm in Facho da Azóia, Portugal

Ecological diagnosis for the potential construction of Montejunto's Wind Farm, Portugal

Baseline ecological study at São Bento wind farm, Portugal (pre-construction phase)

Ecological section of the environmental conformity report for the Mértola wind farm, Portugal

Ecological section of the environmental conformity report for the Santa Cruz wind farm, Portugal

Ecological Impact Assessment of a Wind Farm to be built in Tavira, Portugal

2007

Bird and flora monitoring at Lousã II wind farm, Portugal (pre-construction, construction and operation phases)

Ecological Impact Assessment of Mosqueiros II Wind Farm, Portugal

Ecological Impact Assessment of Colmeia's Wind Farm, Portugal

Ecological Impact Assessment of Montalegre's Wind Farm, Portugal

Ecological Impact Assessment of Malhanito Wind Farm, Portugal

Ecological Impact Assessment of Mezas, Fóios and Monte Vermelho Wind Farms, Portugal

Ecological Preliminary Assessment for the construction of Monte da Cumeada Wind Farm, Portugal

Implementation of the mitigation plan for the environmental impact assessment of Sabugal wind farm and its power line – project for the construction of a scavenger birds feeder in Nave de Haver, Sabugal, Portugal

2006

Ecological diagnosis for the potential construction of four wind farms in northern and centre Portugal

Ecological Impact Assessment of Chão Falcão III Wind Farm, Portugal

Ecological Impact Assessment of Lomba do Vale Wind Farm, Portugal

2005

Ecological section of the environmental incidences study for Felgar wind farm, Portugal

Habitat mapping to be included in the Environmental Impact Assessment of Serra de Candeeiros II Wind Farm, Portugal

Ecological Impact Assessment of the Lousã II Wind Farm, Portugal

Scientific Advisory Services

2019

Internal Audits of the Environmental Management System, Portugal

Powerlines and Substations

Biodiversity Surveys and Assessments

2017

Design of the Flora Monitoring Plan of Ponte de Lima - Vila Nova Famalicão powerline, Portugal

Bird Monitoring at Ponte de Lima - Vila Nova Famalicão powerline (400kV), Portugal

Bird Monitoring at the powerlines of Estremoz-Divor, Vieira do Minho - Pedralva 2, Recarei - Vila Nova de Famalicão, Vermoim - Vila Nova de Famalicão, Portugal

2016

Bird monitoring at the power intensification station of Salamonde II, Venda Nova III and Vieira do Minho, Portugal

Identification of floristic species with conservation interests of Foz Tua's powerlines (pre-construction phase), Portugal

2015

Design of the Floristic Exotic Plan and Mapping Update of Vieira do Minho- Pedralva 2 powerline, Portugal

2018

Support to the implementation of the Iberwind Environmental Management System to obtain ISO 14001 Certification, Portugal

2016

Technical Advisory in environmental licensing of wind farms in sensitive areas, Portugal

Ecological Management Advisory on the Environmental Impact Assessment (EIA) and post-EIA of Wind Farms, Portugal

Biodiversity Land Planning and Management

2018

Environmental Report for legal framework application to APA on the Overcapacity Equipment in Archeira Wind Farm, Portugal

2012

Implementation of the Management Plan for the temporary lagoons at Lagoa Funda Wind Farm, Portugal (operation phase - 2012 and 2013)

2014

Characterization of the land use, flora and fauna for the amendment of the 400kV power line interconnection between South Douro's Wind Farm, Armamar substation and Moimenta's Wind Farm Substation, Portugal

Flora Monitoring at Vieira do Minho's substation, Portugal

2013

Raptor nest searching in the Valpaços - Vila Pouca de Aguiar high tension power line, Portugal (pre-construction phase)

Wolf monitoring at the Valpaços-Vila Pouca high tension power line area, Portugal (pre-construction phase)

Flora and habitat monitoring at Vieira do Minho 400kV power lines (pre-construction phase), Portugal

2012

Bird monitoring at the 150kV power line connecting the Fernão Ferro substation to the 400kV power line of Palmela - Ribatejo, Portugal

Flora and habitat monitoring at the 400kV power line of Palmela-Ribatejo in the Fernão Ferro substation, Portugal

2011

Design and implementation of the bird monitoring plan at six 220 kV and 400 kV power lines at Lagoaça-Macedo de Cavaleiros crossing the International Douro Natural Park, Portugal

Bird monitoring at the Estremoz-Alandroal power line (400 kV) – complementary monitoring of steppe birds (pre-construction phase), Portugal

2010

Bird monitoring at Castelo Branco - Ferro ½ power line and shift to the Fatela sub-station (220 kV), Portugal

Bird monitoring at Valdigem - Vermoim 4/5 power line - between the Valdigem sub-station and pole n.158 of the LVGVm (220 kV), Portugal

Flora and vegetation monitoring at Palmela - Ribatejo power line (400kV), Portugal (pre-construction and construction phases)

2008

Bird monitoring at the Mogadouro-Valeira high tension power line to the Olmos substation (220 kV) in Macedo de Cavaleiros, Portugal (pre-construction and construction phase)

2006

Flora monitoring at Gardunha Wind Farm's power line, Portugal (pre-construction phase)

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2018

Ecological Component of the Environmental Impact Assessment of a substation of an Electric Energy Transformation – Tabaqueira, Portugal

2017

Ecological Section of the Characterization of the Current Reference status for the implantation of a High Voltage Powerline and expansion area in Almada, Portugal

Ecological Section of the Environmental Impact Study and Preliminary Environmental Compliance Report study of Feira - Ribeira da Pena powerline (400kV) and its expansion area, Portugal

Ecological Section of the Environmental Impact Study and Preliminary Environmental Compliance Report study of the Beira Alta's Powerline - Modernization Project of Pampilhosa-Mangualde powerline, Portugal

2016

Design and implementation of the bird monitoring plan at six 220 kV and 400 kV power lines at Lagoaça-Macedo de Cavaleiros crossing the International Douro Natural Park (continuation), Portugal

2015

Ecological Impact Assessment of Rio Maior - Carvoeira and Carregado - Rio Maior powerlines, 220/400 kV, Portugal

Ecological Section of the Environmental Impact Study for Estremoz-Divor's Powerline, Portugal

Ecological Section of the Environmental Impact Study of underground Powerlines at Custóias-Vermoim 3, Custóias-Prelada 2 e Prelada-Vermoim 3, 220 kV, Portugal

2014

Ecological section of the Environmental Compliance Report of the powerlines between Carrapatelo, Fridão, Ribeira de Pena and Vila Pouca de Aguiar, 400kV, Portugal

Ecological Impact Assessment and bird monitoring of Iberdrola's powerlines (construction phase), Portugal

2013

Ecological Impact Assessment of the Vieira do Minho – Pedralva 1 high tension power line (400kV) and the shift to Vieira do Minho station (400 kV), Portugal

Ecological Impact Assessment of the high-tension power lines in the Alto Tâmega Hydroelectric Power Plants, Portugal

Design of the Action Plan and the Monitoring Programme for a Bonelli eagle's couple occurring in the Armamar-Recarei high tension power line (400kV), Portugal

2012

Ecological Impact Assessment of the Baixo Sabor-Pocinho power line, Portugal

Ecological Impact Assessment of the power intensification at Salamonde II, Venda Nova III and Frades B substation, Portugal

Ecological Impact Assessment of the high-tension power line and its substations between Alfena – Vila do Conde – Vila Fria (Portugal) and Spain (400 kV)

Implementation of the Offset and Monitoring Programme focused on black stork at the Macedo de Cavaleiros-Valpaços power line 220 kV (400 kV), Portugal

Design of the Offset Programme focused on a Bonelli's eagle pair and assessment of its effectiveness at Portimão-Tunes North / Portimão-Tunes 3 power line (400/150kV) – alternative layout at the crossing of Funcho and Arade Dams, Portugal

2011

Ecological Impact Assessment of the opening of the high-tension power line Valdigem - Vermoim and its substations between Alfena – Vila do Conde – Vila Fria (Portugal) and Spain (400 kV)

Ecological Impact Assessment of the replacement project of the power line's section 3 at Armamar – Recarei (400 kV), Portugal

Ecological Impact Assessment of the three projects of Recarei – Vermoim III's power line, Portugal (change of tension from 220kV to 400kV)

Ecological constraints analysis and Ecological Impact Assessment of the high-tension power lines construction project between Frades B and Pedralva, Portugal

Ecological Impact Assessment of the 3rd alternative to Cercal Wind Farm's power line, Portugal

Ecological Impact Assessment of the medium tension power lines in the Alto Tâmega Dams, Portugal (hydroelectric power stations)

Design and implementation of an Offset Programme focused on raptors, black stork and red-billed croucher at the National Park of International Douro River and Távora's River valley, Portugal, for the Environmental Impact Assessment of the power line Lagoaça – Aldeadávila 1 (400kV), Pocinho – Aldeadávila 1/2 (220kV) and Armamar – Lagoaça (400kV)

2010

Ecological Impact Assessment of the very high-tension power line at Tâmega's cascade, Portugal

2009

Ecological Impact Assessment of the Alvito's Dam (hydroelectric power station) and the 400kV high power line between the Dam and the Falagueira substation, Portugal

Ecological Impact Assessment of the Ermesinde's substation rehabilitation, Portugal

Ecological Impact Assessment of Baixo Sabor Dam's (hydroelectric power station) Power Line (220kV) between the upstream step and Pocinho's substation, Portugal

Ecological Impact Assessment of the power line between Vila Pouca de Aguiar - Ribeira de Pena - Carrapatelo (400 Kv), Portugal

2008

Ecological Impact Assessment of the the very high-tension power line (400 kV) between Fernão Ferro - Palmela and the expansion of Fernão Ferro's substation, Portugal

Ecological Impact Assessment of the Mogadouro substation, Portugal

2007

Ecological Impact Assessment of the power line between Armamar and Recarei, Portugal

Ecological Impact Assessment of the power line between Vila Nova and Riba-d'Ave, Portugal

Ecological Impact Assessment of ENEOP2's power line between Armamar and Valeira, 220kV, Portugal

Design and implementation of the mitigation plan for the Environmental Impact Assessment of the Mogadouro-Valeira power line and the Olmos (Macedo de Cavaleiros, Portugal) substation, at 220 kV

2006

Ecological Impact Assessment of Armamar's substation and deviation of its associated power lines, Portugal

2005

Ecological Impact Assessment of the National Network for Energy Transportation International Douro river, Portugal

Construction Follow-up

2014

Iberian Wolf Monitoring associated to the environmental clerk of works of Vieira do Minho's 400 kV power line, Portugal

2005

Ecological clerk of works during the construction of Alto Minho I Wind Farm's power lines, Portugal

Scientific Advisory Services

2009

Ecological advisory to an occurrence with white storks at the Recarei - Lavos power line (400 kV), Portugal

Dams

Biodiversity Surveys and Assessments

2018

Ecological Component of the Environmental Impact Study of the Regularization of Ribeira de Ançã and Vala de Vale - Travesso, in the Mondego Hydraulic Station (Execution Project), Portugal

2017

Non ecological Section of PIMA - Exploration phase in Foz Tua, Portugal

Monitoring of the effectiveness and optimization of the watergates of Borland Crestuma-Lever, Carrapatelo and Régua - 12K Compensatory Measure - Increase of the Douro Fluvial Connectivity, Portugal

Ecological Monitoring of the Calheta's Dam Expansion Project (Pre-Construction Phase), Portugal

2016

Monitoring of the phish populations and the emptying of the Dam of Hortas-Lever, Portugal

2015

Fauna monitoring at Foz Tua Dam, Portugal (hydroelectric power station) - 2015 Summer and Spring Monitoring Program, Portugal

2014

Aquatic ecosystems' monitoring at Ferradosa's dam, Portugal (operation phase)

Fauna monitoring and specialist studies to be integrated in the Environmental Management of Girabolhos' Hydroelectric Power Plant, Portugal (pre-construction phase)

2012

Baseline assessment of the current ecological status of the river mussel (*Margaritifera margaritifera*) population in River Tuela associated to Trutas Dam (Small Hydro), Portugal

2011

Fauna monitoring at Foz Tua Dam, Portugal (hydroelectric power station) - pre-construction and construction phase

Bat and vegetation monitoring at the power reinforcement of Salomonde II Dam, Portugal (hydroelectric power station - pre-construction phase)

2010

Ichthyofauna, pyrenean desman, aquatic macroinvertebrates, flora and vegetation monitoring at Trutas' Dam – Mini Hydro, Portugal (pre-construction and operation phases)

2009

Bird monitoring at Pisão Dam inserted in the Alqueva Irrigation System (EFMA, Portugal)

Fauna and flora monitoring at Alvito's Dam (hydroelectric power station) (pre-construction phase)

2007

Ichthyofauna and pyrenean desman monitoring at the Rebordelo-Bouçoais Dam (Small Hydro), Portugal

Ichthyofauna monitoring at Janeiro de Baixo Dam (Small Hydro), Portugal

Ichthyofauna, macroinvertebrates, pyrenean desman, herpetofauna, bird and flora monitoring at Ferradosa, Olgas, Pretarouca and Sambade Dams, Portugal (construction and operation phases)

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2018

Ecological Component of the Environmental Impact Study of hydroelectric Plants in Abrantes, Portugal

Production of Tools for Dissemination and Sensitization of Freshwater Bivalve Mollusc Populations in the Tua River Basin, Portugal

2016

Ecological Section of the Preliminary Environmental Compliance Report study Of Calheta's Dam Expansion Project, Portugal

2015

Implementation of compensatory measure at Foz Tua's Dam - Predation Risk Reduction on pyrenean desman, Portugal

Ecological Section of the Environmental Impact Study Addendum of Calheta's Dam (pipe amendments), Portugal

Environmental Impact Assessment of the River Fauna of Foz Tua's Dam Mobility Plan, Portugal

2014

Implementation of the minimization strategies on the fish populations associated to the emptying the water masses of Foz Tua's Dam (Construction Phase), Portugal

Ecological Section of the Environmental Compliance Report of the connection of Foz Tua Dam, 400 kV, to the National Network for Energy Transportation, Portugal

2012

Ecological Impact Assessment of the Calheta and Pico da Urze's Dam, Portugal (hydroelectric power station)

2011

Ecological Impact Assessment of Carvão-Ribeira's Dam, Portugal (hydroelectric power station)

Ecological section of the Environmental Compliance Report of the Girabolhos Dam, Portugal (hydroelectric power station)

Determination of the preference and aptitude curves for the fish species captured in the surveys for the Alvito's Dam, Portugal (hydroelectric power station) Environmental Compliance Report

Design of the offset programme relative to Foz Tua Dam, Portugal (hydroelectric power station)

2010

Ecological Impact Assessment of Salomonde Dam's, Portugal (hydroelectric power station) complementary flood discharger

Ecological Impact Assessment of Calheta's Dam, Portugal (hydroelectric power station), Portugal

Ecological section of the Environmental Compliance Report of the Alvito's Dam, Portugal (hydroelectric power station)

Design of the biodiversity monitoring programmes to be included in the Environmental Impact Assessment of Salomonde's Dam, Portugal (hydroelectric power station)

2009

Technical advisory and terrestrial fauna section of the Environmental Impact Assessment of the Salomonde - Salomonde II Dam, Portugal (hydroelectric power station)

2008

Ecological Impact Assessment of Redonda's Dam, Portugal

Ecological Impact Assessment for the stabilization of the Mondego River between the dam-bridge and the Portela Bridge, Portugal

2007

Ecological section of the Preliminary Environmental Compliance Report for the construction of Baixo Sabor Dam, Portugal (hydroelectric power station)

2006

Ecological Impact Assessment of the Janeiro de Baixo Dam, Portugal (hydroelectric power station)

Ecological Impact Assessment of the Sorraia River Dam, Portugal

Ecological Impact Assessment and Environmental Compliance report relative to the Execution Plan of Balsemão River's Dam, Portugal

2005

Design of the Biodiversity Monitoring Programme for the Ferradosa Dam, Portugal

Ecological section of the Environmental Compliance Report for the Vales Dam, Portugal

Ecological Impact Assessment and design of the monitoring programmes for Sambade Dam, Portugal

Biodiversity Land Planning and Management

2018

Ecological and climate componente of a Special Program for Ribeiradio-Ermida Dam, Portugal

2017

Design of Agolada's and Monte da Barca's Dams Management Plan, Portugal

2015

Design of the Ecological Monitoring Plan of Mondego's river Dam, Portugal

2007

Ecological section of the Land Management Plan of the Ermal's dam reservoir, Portugal

Assessment of the Ecological Status of Water Bodies

2017

Monitoring of the State of Water Masses, Rivers and Reservoirs - RHS (River Habitat Survey) component, Portugal

2010

Assessment of the biological status of water under the Water Framework Directive at Alvito's Dam, Portugal (hydroelectric power station) - pre-construction phase

Assessment of the ecological status of the water at Trutas' Dam, Portugal (small-hydro) under the Water Framework Directive (operation phase)

Linear Infrastructure

Biodiversity Surveys and Assessments

2019

Ecological Assessment of the Tua Railway Line between Brunheda and Mirandela, Portugal

2016

Water quality monitoring of Baixo Alentejo's Highway (construction phase), Portugal

Monitoring of the ecological systems of Baixo Alentejo's Highway (construction phase), Portugal

2015

Water quality monitoring during the construction phases of the Baixo Alentejo Highway, Portugal

2011

Amphibian monitoring associated to the construction of a roundabout in the municipality of Olhão, Portugal

2010

Flora and vegetation monitoring in the Litoral Oeste Highway Sublease, from the EN242 alternative sector to Nazaré, Portugal

Fauna monitoring at the main road IP2's, Sector 4, between Longrovia and Trancoso, Portugal (construction phase)

Fauna and flora monitoring at the main road IC9 - Alburitel / Carregueiros junction / Tomar (IC3), Portugal (pre-construction phase)

Flora and vegetation monitoring at the new bridge crossing river Lima's at Jolda's junction (construction phase), Portugal

2009

Non-flying terrestrial vertebrates Monitoring at the A4 Highway, Transmontana Sublease between Vila Real and Bragança, Portugal (pre-construction and construction phases)

2008

Tree mapping at the main road IC17 - CRIL, Portugal

Fauna and flora monitoring of the A4 Highway between Amarante and Vila Real, Portugal (pre-construction phase)

2007

Cabrera's vole (*Microtus cabreræ*) survey at the construction area of the national roads EN218 and EN221, Portugal

Terrestrial vertebrates monitoring at REFER's railway between Santo Tirso and Guimarães and between Cete and Caíde, Portugal

2006

Terrestrial vertebrates Monitoring at REFER's Minho railway, Portugal (operation phase)

Terrestrial vertebrates monitoring at REFER's southern railway between Pragal/Pinhal Novo and km 94/Funcheira, Portugal (operation phase)

2005

Fauna and flora monitoring at A28/IC1 Highway, between Viana do Castelo-Caminha and at A27/IP9 Highway - Ponte de Lima, Portugal (pre-construction phase)

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2019

Componente ecológica do Estudo de Viabilidade Ambiental do Desenvolvimento do Estudo de Segurança Rodoviária na EN118 entre o km 10+350 e o km 31+640, Portugal

2018

Ecological Component of the Environmental Incidence Assessment of "Linha do Alentejo - Troço Poceirão-Bombel e Bifurcação de Águas de Moura Sul" - elimination of constraints, Portugal

Ecological Component of the Environmental Studies of the Road Network - Variant to the Cemetery - EN 115-4, Portugal

Environmental Impact Study of Improvement of Accessibilities to the Campo Maior Industrial Zone - Ecological Component, Portugal

2017

Ecological Section of the Environmental Impact Study of Vinhais-Bragança Road (EN103), Portugal

2016

Ecological Section of AvePark's Environmental Impact Assessment Study, Portugal

2015

Biological Section of the Road Project "EN 233 - Guarda (IP2/A23 km 1+635) and Sabugal (ER324 km 25+010) – Beneficiação", Portugal

Ecological Section of the Environmental Impact Studies for the road change (12 km) of Minho Center, Portugal

Ecological Section of the Road Project "EN362 - Beneficiação km 22+344" Santarém county boundary with Porto de Mós and km 51 + 713 junction with EN3 near Santarém, Portugal

2012

Ecological section of the Environmental Compliance Report and design of the Mitigation measures for the construction of the main road IC35 - Guilhufe (A4/IP4) / Rans junctions, Portugal

2011

Ecological Impact Assessment for the widening project (dual two-lanes to dual three-lanes) and resurfacing of the A3 Highway between Santo Tirso and Famalicão, Portugal

Ecological Impact Assessment of the construction project of the national road EN 109 between Espinho (km 18+400), the Municipality of Ovar (km 40+200) and EN 109 – alternative to Macedo, Portugal

2010

Ecological Impact Assessment of the connection between the main road IC21 at the Coia junction to Sesimbra, Portugal

Ecological section of the Environmental Compliance Report of the national road N249-4 execution project between the A5's Highway junction and Abrunheira, Portugal

Ecological Impact Assessment of the preliminary study for the main road IP4's connection between Vinhais and Bragança, Portugal

Ecological Assessment of the bridges rehabilitation project in Oeste, Alentejo, Sorraia River and main road IC8's (km 85+130) hydraulic passage, Portugal

Ecological Impact Assessment of the main road IP2 between Junqueira and Pocinho, Portugal

Ecological Impact Assessment for the widening of the A28 Highway between Freixieiro and Póvoa do Varzim, Portugal

Ecological Impact Assessment and Environmental Compliance report of the alternative road to Capelas on the island of St. Miguel, Azores, Portugal

2009

Ecological Impact Assessment and design of the Offsets Programme for the main road IP8 between Baleizão and Vila Verde de Ficalho, Portugal

Ecological section of the Environmental Compliance Report for the execution project of conception, construction and operation of the A4 Highway, Transmontana Sublease between Vila Real and Bragança, Portugal

Ecological section for the IC9-EN1 Fátima/Ourém (Portugal) Environmental Compliance Report

Ecological section of the Preliminary Environmental Compliance Report for the conception, construction and operation of the Pinhal Interior Highway Sublease, Portugal

Ecological Impact Assessment of the preliminary study for the road alternative to the national road EN229 - Viseu (IP5/IP25) - Sátão, Portugal

Ecological Impact Assessment of three railway crossings in Alcácer do Sal, Portugal

2008

Ecological section of the Preliminary Environmental Compliance Report study for the conception, construction and operation of the Douro Interior Highway Sublease, Portugal

Ecological section of the Preliminary Environmental Compliance Report for the conception, construction and operation of the Baixo Alentejo Highway Sublease, Portugal

Ecological Impact Assessment and Environmental Compliance Report of the Highway A32/IC2 expansion - Gaia-Oliveira de Azeméis connection, Portugal

Ecological section of the Preliminary Environmental Compliance Report for the conception, construction and operation of the Baixo Tejo Highway Sublease, Portugal

Ecological section of the Preliminary Environmental Compliance Report for the conception, construction and operation of the Litoral Oeste Highway Sublease, Portugal

Ecological section of the Preliminary Environmental Compliance Report for the conception, construction and operation of the Centre Highway Sublease, Portugal

Ecological section of the Preliminary Environmental Compliance Report of the high-speed train (TGV), between Poceirão and Caia, Portugal

Ecological Impact Assessment of Oporto's underground expansion to Gondomar, Portugal

Ecological Impact Assessment of the alternative road to Trofa, Portugal

Ecological Impact Assessment of the main roads IC6, IC7 and IC37, Portugal

Ecological section of the Preliminary Environmental Compliance Report for the conception, construction and operation of the Algarve Litoral Highway Sublease, Portugal

2007

Ecological Impact Assessment of the third bridge over the Tagus River and the bridge connecting Seixal to Barreiro, Portugal

Ecological Impact Assessment of the alternative national road section of EENN 302-303 between Vila Nova de Cerdeira and Paredes de Coura, Portugal

Ecological section of the Preliminary Environmental Compliance Report study for the conception, construction and operation of the A4 Highway, between Amarante and Vila Real, Portugal

2006

Ecological Impact Assessment of the expansion of Lisbon's (Portugal) underground red line between S. Sebastião and Campolide and yellow line between Rato and Estrela

Ecological Impact Assessment of the Terreiro do Paço Transportation Terminal, Portugal

2005

Ecological Impact Assessment for the high-speed train (TGV), sector 3C between Évora, Portugal, and the national border)

Ecological Impact Assessment of the national road EN221 and the alternative road to Escalhão, Portugal

Scientific Advisory Services

2011

Design of an ecological technical note to replace a viaduct for a new layout with a landfill, extending an existing hydraulic passage, in section 6 of the A4 Highway, Transmontana Sublease, Portugal

Advisory on the technical decision about the Strategic Environmental Assessment of the National Road Network in Douro Sul, IC26 – Lamego/Trancoso (Portugal); the case for the Iberian wolf

Revaluation of the mitigation measures proposed for the widening of the A28 Highway between Freixieiro and Póvoa do Varzim, Portugal

2009

Peer-review of the ecological assessment and mitigation programme related to construction of the Douro Interior Highway, Portugal

Peer-review of the ecological assessment and mitigation programme related to construction of the Baixo Alentejo Highway, Portugal

Peer-review of the ecological assessment and mitigation programme related to construction of the Algarve Litoral Highway, Portugal

Assessment of the Ecological Status of Water Bodies

2012

Assessment of the biological status of water under the Water Framework Directive at A43 / IC29 Douro Litoral Highway: Gondomar / Aguiar de Sousa (IC24), Portugal

Determination of the hydromorphological quality of three streams located in Canedo / Santa Maria da Feira, Portugal

2010

Water quality monitoring during the pre-construction and construction phases of the Baixo Alentejo Highway, Portugal

Construction Follow-up

2010

Ecological clerk of works during the construction of the A4 Highway, Transmontana Sublease, crossing the Natura 2000 Sites "Serra do Alvão" and "Samil", Portugal

Strategic Environmental Assessment

2009

Strategic Ecological Assessment of the development of the National Road Network in coastal Alentejo and Algarve, Portugal

Biodiversity & Geographic Information Systems and Remote Sensing

2015

Update of the biotopes and habitats on Minho's North roadways, Portugal

Coastal & Marine Infrastructures

Biodiversity Surveys and Assessments

2019

Estuarine bottom evolution and Ecology Monitoring - "Rio Mira's Sediments Transposition to the Reinforcement of Praia da Franquia's Dunar Cordon" - Post Intervention (Year 2), Portugal

2018

Monitoring of Water Quality and Biological Communities in the Area of "Plan of Action for Hydrodynamic Appreciation and Risk Mitigation in the Barrier Islands" - Post-Dredging, Portugal

Provision of services for the Monitoring of the Evolution of Estuarine bottoms, Ecology and Cultural Heritage of the Project "Transposition of Sediments of the Rio Mira Mouth to

Strengthening the Dunar Cord in the Praia da Franquia" - Post work, Portugal

2017

Non-permanent monitoring by a specialized biologist of the misalignment in Mira Bar with transposition of Coast Sediments, Portugal

Water Quality and Biological Communities Monitoring of the project area ""Hydrodynamic valorization and risk mitigation of the Armona sea wall to reinforce the dune strand in Barril beach and Cavacos beach", Portugal

Water Bird Monitoring aiming the "Hydrodynamic valorization and risk mitigation of the Armona sea wall to reinforce the dune strand in Barril beach and Cavacos beach" (pre operation phase), Portugal

2016

Monitoring of the Ecological and Evolutionary Components of the Estuarine bottoms for the Sediment Transposition Project of Mira's river mouth for dune Reinforcement purposes, Portugal

2015

Implementation of the Biological Communities Monitoring Plan of Formosa's Estuary Hydrodynamics Valorisation Plan, Portugal

Monitoring of Terrestrial Biological Communities at the Intervention area of the Redevelopment Project of Barreira islands and islets - Renaturalisation, and of the Hydrodynamics Valuing Action Plan for Ria Formosa, Portugal

2013

Bird, flora and benthic macroinvertebrates monitoring at the Termitrena terminal in Setúbal, Portugal (operation phase, year 1 and 2)

2011

Marine birds and mammals monitoring in the Portuguese pilot zone for testing offshore renewable energies

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2017

Ecological Section of the Environmental Impact Study of the Modernization Project in Alcântara Container Terminal, Portugal

2016

Ecological Impact Assessment of the Dune Cord's Reinforcement Environmental Compliance Report of Armona and Tavira's Islands - Fuseta-Mar Beach and west of Tavira Island, Portugal

Ecological technical note on Cavacos and Barril beaches, Portugal

2015

Ecological Impact Assessment of the Expansion of Peniche's Shipyards, Portugal

Seahorses' Translocation Plan concerning Ria Formosa's dredging project at intervention area number 2 (Faro / Olhão), Portugal

2014

Environmental Characterization Study of the Portuguese Offshore Pilot Zone of ENONDAS, S.A., Portugal

2009

Ecological Impact Assessment of the Alcântara's container port terminal, Portugal

Ecological Impact Assessment of the professional fishing facilities in São Jacinto, Ria de Aveiro, Portugal

2008

Ecological Impact Assessment of the FLOW Project, a Martifer Energia's wave energy pilot-project, Portugal

Ecological Impact Assessment of the Aveiro Port's pier extension, Portugal

2006

Ecological Impact Assessment of Lisbon's new container Port Terminal, Portugal

Assessment of the Ecological Status of Water Bodies

2015

Water quality control for the hydrodynamics valorization action Plan, of Ria Formosa, Tavira and Armona, Portugal

Water quality monitoring regarding the interventions made under Ria Formosa's Hydrodynamics Valuing Action Plan and Risk mitigation at Barreira's islands and islets, Faro-Olhão, Portugal

2010

Benthic macroinvertebrates monitoring at the turning basin of Alcântara's container port terminal, Portugal

Strategic Environmental Assessment

2016

Ecological characterization of Jamor's River, Portugal

Oil & Gas

Biodiversity Surveys and Assessments

2016

Cabrera's vole (*Microtus cabrerae*) monitoring under the Preliminary Environmental Compliance Report study Celorico-Vale de Frades' Gas pipeline, Portugal

2009

Flora and vegetation monitoring at the Carriço-Leirosa-Lares gas pipeline, Portugal (construction phase)

2008

Flora and vegetation monitoring at the high-pressure gas pipeline between Carriço and Leirosa-Lares, Portugal (post-construction phase)

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2018

Hydraulic Linking Circuit to the Monte da Rocha and the Messejana Water Supply Block, Portugal

Ecological Component for the Reformulation of the EIA of the Right Adductor of the Pranto and the Compounding Block of Campo do Conde, Portugal

2017

Environmental Impact Study of the Onshore Natural Gas Surveys in concessions of Batalha and Pombal, Portugal

Agriculture & Aquaculture

Biodiversity Land Planning and Management

2019

Ecological Component of the Loulé PDM Review - Additional to Phase 2, Portugal

Elaboration of Cork-Oak Forest Monitoring Plan of Santo Isidro Farming Property, Portugal

Herdade Aberta Natural Values Management Plan and Monitoring Plan, Portugal

Biodiversity Surveys and Assessments

2019

Bat Monitoring on Calijos-Machados Hydraulic Circuit and Irrigation Block (2019-2021), Portugal

2016

Bat Monitoring at Calijos-Machados' Hydraulic circuit of Alqueva's Irrigation System (EFMA), Portugal

Zebra mussel monitoring at Alqueva's Irrigation System (EFMA) dams (2016/2017), Portugal

2015

Bird monitoring along Alvito-Pisão water channel inserted in the Alqueva Irrigation System (EFMA), Portugal

2012

Steppe bird monitoring at Alfundão and Ferreira Valbom irrigation areas inserted in the Alqueva Irrigation System (EFMA, Portugal)

2011

Terrestrial flying vertebrates carcass searches along the Alvito-Pisão water channel inserted in the Alqueva Irrigation System (EFMA, Portugal) using wildlife research dogs

Steppe bird monitoring at the south and west sections of the Ardila irrigation subsystem inserted in the Alqueva Irrigation System (EFMA, Portugal)

2010

Steppe bird monitoring at the Integrated Territorial Intervention area of Castro Verde, Portugal

2007

Wintering bird monitoring in the Alqueva-Pedrogão area in 2007-2008 inserted in the Alqueva Irrigation System (EFMA, Portugal)

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2018

2015

Ecological Section of the Environmental Impact Assessment of Celorico-Vale de Frades gas pipeline, Portugal

Ecology Component of the Environmental Impact Study of Cattle Exploitation Project in Portel, Portugal

Ecology Component of the Environmental Impact Study of the Poultry Facility in S. João das Lampas, Portugal

2017

Ecological Section of the Environmental Impact Study of the Regulation Project and Licencing of a livestock in Ponte de Sor, Portugal

Environmental Evaluation of a Microalgae Production project, Portugal

Ecological Section of the Environmental Impact Assessment of an Offshore Fish Farm Expansion in Madeira, Portugal

2013

Environmental Impact Assessment and Environmental Compliance Report of the expansion of a sole fishfarm in Torreira, Aveiro, Portugal

2007

Ecological Impact Assessment of the water channel between Pisão and Beja inserted in the Alqueva Irrigation System (EFMA, Portugal)

Ecological section of the Environmental Compliance Report of the water channel Pisão-Roxo inserted in the Alqueva Irrigation System (EFMA, Portugal)

2006

Ecological Impact Assessment of the Ferreira-Valbom irrigation areas inserted in the Alqueva Irrigation System (EFMA, Portugal)

Ecological Impact Assessment of the Alfundão irrigation area inserted in the Alqueva Irrigation System (EFMA, Portugal)

Design of the steppe bird monitoring programme to be included in the Environmental Impact Assessment of the Alvito-Pisão irrigation areas inserted in the Alqueva Irrigation System (EFMA, Portugal)

2005

Ecological Impact Assessment of the Alqueva substation (EFMA, Portugal)

Fauna and flora specialist studies to be integrated in the Environmental Impact Assessment of the irrigation areas of Alvito-Pisão inserted in the Alqueva Irrigation System (EFMA, Portugal)

Construction Follow-up

2015

Ecological clerk of works during the construction of Roxo-Sados' hydraulic circuit and irrigation block, Portugal

2011

Survey of the endangered flora species *Linaria ricardoi* during the construction of the water channel Pisão-Beja and Pisão-Roxo associated to the Alqueva Irrigation System (EFMA, Portugal)

2009

Ecological clerk of works during the construction of the drainage, irrigation and roadway infrastructures associated to the Brinche's Hydro agriculture Project, inserted in the Alqueva Irrigation System (EFMA, Portugal)

Assessment of the Ecological Status of Water Bodies

2012

Zooplankton sampling and assessment in surface freshwater of the Alqueva Irrigation System (EFMA, Portugal): Alfândão, Serpa and Brinches-Enxoé irrigation systems

2010

Biological and hydromorphological sections of the assessment of the ecological status of the Alqueva Irrigation System primary network (EFMA, Portugal)

Scientific Advisory Services

2010

Scientific advisory to the project "Exploration of agroforestry systems on the left bank of the Guadiana River (Portugal) – a strategy for the sustainability of rural areas"

Water Treatment Plant

Assessment of the Ecological Status of Water Bodies

2018

Monitoring of Terrestrial Fauna of the Foz Tua Hydroelectric Deployment - Construction Phase Balance Report, Portugal

2013

Water quality control at the waste water system of Águas de Santo André, Portugal

Sampling, physical-chemical analysis and water quality monitoring at Morgavel water treatment plant, Portugal

2012

Preliminary assessment of the ecological status of the water at the exit of the wastewater system of the Aljustrel Mining Park, Portugal

Water quality monitoring at Santo André beach and Moinhos stream, Portugal

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2018

Ecological Component of the Environmental Conformity Report of the Sewage treatment of Funchal, Portugal

2007

Ecological Impact Assessment of a water treatment plant in Vale do Ave, Portugal

2005

Ecological Impact Assessment of Barreiro's water treatment plant, Portugal

Scientific Advisory Services

2013

Ecological risk analysis associated with the activities of "Águas de Santo André, SA" (ADSA) in the management, operation and maintenance of the facilities and equipment of Santo André's wastewater subsystem, Portugal

Industry

Strategic Environmental Assessment

2019

Ecological Component of the Environmental Technical Summary for the Integral Renewal Project of the Northern Line between Ovar and Espinho, Portugal

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2019

Ecological Component of the Environmental Impact Study of the Cabeço da Pagem Quarry, Portugal

Ecological component of the Environmental Impact Study of the Barroso Mine Expansion, Portugal

Ecological Component of Environmental Impact Study of a Sand Quarry, Portugal

Ecological Component of the Environmental Impact for the Vale Rodrigues Quarry No.2 Expansion Project, Portugal

2018

Ecological Component of the Environmental Impact Assessment of a Mining Installation enlargement in Aljustrel, Portugal

2017

Ecological Component of EINCA for the expansion of an industrial waste management unit in Batalha, Portugal

Ecological Section of the Environmental Impact Study of a new aviary at Terceira Island, Azores, Portugal

2016

Ecological Section of the Environmental Impact Study of an existing Cattle Fattening infrastructure, Portugal

2015

Ecological Section of the Environmental Impact Study of the new tissue paper Industrial Unit to be built at Vila Velha de Rodão, Portugal

2014

Bat ecological assessment for the Former Mining Area of Santo António de Penafiel Rehabilitation Project, Portugal

2013

Ecology section for the environmental impact assessment of the extension of quarry nr. 4735 in Laboeira, Portugal

Ecological Impact Assessment of a paper industry in Vila Velha de Rodão and Strategic Ecological Assessment for the expansion of the municipality's industrial area, Portugal

2012

Ecological section of the additional information to be included in the Environmental Impact Assessment of the quarry Cimo das Lameiras do Rio, Portugal

Ecological section of a scoping proposal for a mining project in the river Douro area, Tabuaço, Portugal

Ecological Impact Assessment of a waste incineration unit in the municipality of Chamusca at the Relvão's Eco Park, Portugal

2011

Environmental Impact Assessment of a quarry located between Pé da Pedreira and Vale da Trave (Alcanede, Santarém, Portugal)

Ecological section of the Environmental Compliance Report of Suldouro's new landfill, Portugal

Ecological Impact Assessment of the Font Salem Factory expansion, Portugal

2010

Ecological Impact Assessment of the aviaries in Vale Longo and Cabral, Portugal

Tourism & Urban Areas

Biodiversity Surveys and Assessments

2017

Design of the Habitat Management Plan for IKEA Loulé, Portugal

Pigeons Population Control in Caldas da Rainha's City, Portugal

2009

Habitat and Cabrera's vole colony mapping at the Herdade dos Despovoados in Zambujeira-do-Mar, Portugal

2008

2009

Ecological Impact Assessment of RESPOL's resin plant in Leiria, Portugal

2008

Ecological Impact Assessment of an Aeronautic Industrial Development Project in Évora, Portugal

2007

Ecological Impact Assessment of a tissue paper Industrial Unit to be built in Chamusca, Portugal

2006

Ecological Impact Assessment of Algoz's Industrial Area, Portugal

Ecological Impact Assessment of Gavião's Industrial Area, Portugal

Ecological Impact Assessment of Portalegre's Industrial Park, Portugal

Biodiversity Surveys and Assessments

2012

Design of conservation measures for Unio crassus' emergency and population maintenance plan at the river Sado Basin associated to a mining infrastructure, Portugal

Biodiversity Land Planning and Management

2018

Collection and Storage of genetic material in the Seed Bank, Portugal

2005

Ecological section of the management and sand extraction plan for the River Mondego's and Vouga's drainage basins, Portugal

Scientific Advisory Services

2009

Ecological section of the technical and environmental viability assessment of a water channel associated to a steel mill in the Tagus Estuary, Portugal

Ecological valuing project for the touristic development of Quinta de Santo António, Portugal

2006

Mapping of the tree cover at Chão do Golfe, Golf Academy, Portugal

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2019

Environmental Impact Assessment of a Tourism Development in Sesimbra, Portugal

2018

Ecological Component of EIA for the Monte da Barrada do Moinho, Portugal

Ecological Component of the Environmental Incidence Assessment of an Execution Project for the Electrification of the section Marco de Canaveses - Régua da Linha do Douro, Portugal

2017

Ecological Component of the Environmental Impact Assessment of the Aldeia das Cegonhas Tourist Village in Alcácer do Sal, Portugal

Ecological Section of the Environmental Impact Study of the Execution Plan for a Pedestrian and Cyclable Course on the Frente Ribeirinha in Loures, Portugal

Ecological Section of the Environmental Impact Study of the Execution Plan for a Pedestrian and Cyclable Course on the Frente Ribeirinha in Loures, Portugal

Ecological Section of the Environmental Studies of the "EN229 - IP5 / Mundão Business Park" Execution Project, Portugal

Ecological Section of the Environmental Impact Study of Praia Campsite, Portugal

Ecological Section of the Environmental Impact Study of a Land subdivision for a Tourist Resort located in Herdade da Mata do Rei (Sesimbra), Portugal

2016

Ecological Section of the Environmental Impact Study of Guia's Inn, Portugal

Ecological Section of the Environmental Impact Study of a Continuous Health Care Unit Project in Pedreiras, Porto de Mós city, Portugal

2013

Fauna specialist studies associated to the Environmental Impact Assessment of Vale do Freixo Touristic Development, Portugal

Design of the fauna monitoring and management plans for a touristic development project at Herdade do Pontal in Ria Formosa's Natural Park, Portugal

Ecological section of the environmental compliance report of the Herdade do Mercado touristic development (Mourão, Portugal)

Ecological Impact Assessment of IKEA's commercial complex in Algarve, Portugal

2012

Environmental Impact Assessment of Valley Park's Project - Cartaxo's Business Park, Portugal

Ecological Impact Assessment for the Ota's Driving School & Technology Centre, Portugal

2010

Ecological Impact Assessment of the infrastructures associated to the Touristic Development of Herdade do Mercado, Alqueva, Portugal

Ecological Impact Assessment in marine environment for Alb

ufeira's sea boulevard, Portugal

Scoping phase of the Ecological Impact Assessment of a touristic development centre to be built at Herdade do Pontal in Ria Formosa's Natural Park, Portugal

2009

Ecological Impact Assessment of the housing development at Areia Branca's beach, Portugal

2008

Ecological Impact Assessment of a touristic development in Vale do Alecrim, Portugal

2007

Ecological Impact Assessment of the the Portalegre Shopping Centre, Portugal

Ecological Impact Assessment of a touristic development in Vila Formosa, Odemira, Portugal

2006

Ecological Impact Assessment of Ponta do Pargo's Golf Course, Madeira, Portugal

Ecological Impact Assessment of Sintra's Golf & Country Club, Portugal

2005

Ecological Impact Assessment of the touristic development in Cal Island, Porto Santo, Madeira, Portugal

Ecological Impact Assessment of Coimbra's Intermodal Complex, Portugal

Ecological section of the environmental incidences study for Setubal's POLIS programme, Portugal

Biodiversity Land Planning and Management

2011

Design of the Biodiversity Action Plan and design of an Integrated Linear System for the City Parks in the municipality of Almada, Portugal

2010

Ecological section for the Herdade dos Despovoados Land Management Plan, Portugal

Ecological section of the revision of Loulé's Land Management Plan, Portugal

Ecological section of the Polis Litoral Ria de Aveiro, Portugal, Programme: study on economic activities and its dynamics

Scientific Advisory Services

2013

Scientific advisory for the valuation of the bird resources at the Herdade do Mercado touristic development, Mourão, Portugal

2008

Ecological advisory on the viability of Herdade do Pontal touristic development to be located at Ria Formosa Natural Park, Portugal

2005

Advisory on the implementation of the biodiversity monitoring plans associated to the Porto Santo golf course, Madeira, Portugal

Strategic Environmental Assessment

2016

Strategic Ecological Assessment of Vale da Telha's Detail Plan, Portugal

2010

Strategic Ecological Assessment of Bacelo's urban detailed plan in Quinta do Anjo, Palmela, Portugal

2009

Strategic Ecological Assessment of the Urban Development Plan of Carvalhal and Lagoas, Portugal

Nature Conservation & Protected Areas & Programme

Biodiversity Surveys and Assessments

2019

Wolf National Census 2019/2021 - Lot 2 (Central North), Portugal

2018

Implementation and Monitoring of Passerine nest-boxes in areas under the management of Parques Sintra, Portugal

Monitoring of aquatic birds at Loures Riverside Pathway, Portugal

2017

Bird movement monitoring with radar technology in Ponta da Erva, Portugal

2016

Bird Census and Vulnerability Assessment Study of the Disturbance of the International Douro Natural Park - Life Rupis Project, Portugal

2015

Elaboration of the Biodiversity Study and Characterization of Xarraz's forest area under the Xarraz's Forest Park Design Project, Portugal

Barrinha de Esmoriz's Rehabilitation and Enhancement Intervention Monitoring Programme (Pre-Construction Phase), Portugal

Ecological Section of the Strategic Environmental Assessment of eight Hydrographic Management Plans, Portugal

2014

Monitoring of the Arzila's Marsh natural values, Vouga River, Tejo Estuary and Corno do Bico (2014-2015), Portugal

2013

Biodiversity assessment at the Coia's River Marshland Local Nature Reserve and Machada National Forest, Portugal

2010

Execution of the project for the conservation and valuing of cultural tourism for the Iberian Wolf in the municipality of Vila Pouca de Aguiar, Portugal

2005

Flora inventory at Óbidos' lagoon (Portugal) – Assessment to be included in the proposal for it's classification as a regional protected area

Biodiversity Land Planning and Management

2018

Arachnofauna Inventory in Areas Under Management of Parques de Sintra - Monte da Lua, Portugal

Characterization of Flora and Vegetation of a Rural Hotel in Herdade da Comporta, Portugal

2015

Land management assessment of Sintra-Cascais' Natural Park, biodiversity section, ICNF Portugal

2011

Ecological section of the project design for the protection of cliffs and dune systems under the Polis Litoral Sudoeste Program, Portugal

Ecological section of the intervention projects for the recovery and protection of degraded dune systems, and renaturalisation of degraded natural areas – Polis Litoral Norte Program, Portugal

Advisory on the ecological section of Ria Formosa's Mobility Plan, Portugal

2010

Terrestrial ecological section of the Tagus Estuary Management Plan, Portugal

Ecological section of the Land Planning Project for the hydrographical regions of Lagoas Branca, Negra, Funda, Comprida, Rasa, Lomba e Patos, in Flores island, Azores, Portugal

Advisory for the integration of Natura 2000 guidelines into the revision of the municipality of Setúbal's Land Management Plan, Portugal

2007

Design of the Mediterranean Temporary Lagoons Conservation Plan for the Alqueva Irrigation System (EFMA, Portugal)

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2018

Ecological Component of the Environmental Incidence Assessment of an Aviary in Évora, Portugal

2015

Habitat mapping to be included in the Environmental Impact Assessment of the camping sites located at Arriba Fóssil da Costa da Caparica Protected Area, Portugal

Biological Section of Odeceixe-Vilamoura's Coastline Programme

Strategic Environmental Assessment

2017

Characterization of the natural values (Nature Conservation - fauna, flora, biodiversity) and Strategic Environmental Assessment aiming the Revision of Arronches Municipal Director Plan, Portugal

2011

Strategic Ecological Assessment of the Management Plans for the hydrographical bays integrated in the hydrographical regions 6 (Sado/Mira), 7 (Guadiana) and 8 (Ribeiras do Algarve), Portugal

2010

Strategic Ecological Assessment of the Polis Sudoeste Programme, Portugal

2009

Strategic Ecological Assessment of Comporta's Territorial Action Programme, Portugal

Assessment of the Ecological Status of Water Bodies

2013

Ichthyofauna, diatoms and macroinvertebrates monitoring at the Project "River regularization of Rio Grande da Pipa" in Carregado, Portugal

2011

Environmental Education & Training

Environmental Awareness, Education and Training

2017

Design and installation of an Interpretive Center - Iberian Wolf - in Vinhais in partnership with the City Council, Portugal

Implementation of an Environmental Awareness Program and Promotion of Nature Tourism in Vinhais, in partnership with the City Council, Portugal

2014

Development of an Educational program for three protected wildlife species, Portugal

2011

Course on Environmental Assessment of Projects, Plans and Programs under the Natura 2000 Network (18th November 2011, Lisbon, Portugal)

2008

Environmental Education Activity at Mata da Machada, in Barreiro, Portugal (2005, 2006, 2007 and 2008)

Biological analysis of sediments in Ria de Aveiro and Pateira de Fermentelos, Portugal

2010

Macroinvertebrate surveying at Lagoa da Palmeira (Tagus Estuary, Portugal), to determine the ecological status of the area and design of its decontamination plan

Biodiversity & Geographic Information Systems and Remote Sensing

2008

Development of the WebGIS Biodiversity Tracking System tool

2007

Development and maintenance of the mapserver for the TRANSMAP project "Transboundary networks of marine protected areas for integrated conservation and sustainable development: biophysical, socio-economic and governance assessment in East Africa" (<http://>)

Development and management of the WebGIS platform Biodiversity Database for Portugal

Scientific Advisory Services

2007

Ecological advisory on the public discussion related to Ria Formosa Natural Park's Land Planning Project, Portugal

Economic Valuation of Biodiversity and Ecosystem Services

2014

Scientific and technical advisory to the GAC Oeste Project (Portugal) - Berlengas Biophere Reserve: Plan for the evaluation of Biodiversity and Ecosystem Services

Course on Introduction to the Geographic Information Systems, SPEA, Lisbon, Portugal (2007 and 2006)

2007

Course on Introduction to the Geographic Information Systems (LPN, Lisbon, Portugal)

"Live Science Program – Biology in the Summer Workshop" in partnership with the Environmental Biology Centre of the Faculty of Sciences of the University of Lisbon (Portugal): cork production and its beneficial effect in the fight against climate change

2006

Environmental Awareness Program under the Live Science - Biology in the summer, in partnership with the Centre for Environmental Biology, Faculty of Sciences, University of Lisbon, Portugal

2005

"Live Science Program – Biology in the Summer Workshop" in partnership with the Environmental Biology Centre of the Faculty of Sciences of the University of Lisbon (Portugal):

water in the Mediterranean ecosystems – the example of the cork woodland at Grândola's mountain

Scientific Advisory Services

2015

Hunting

Biodiversity Land Planning and Management

2007

Scientific advisory to REN's project "Storks on the Web" (2009, 2010, 2011, 2013, 2014 and 2015), Portugal

2013

Scientific advisory to REN's project "Storks on the Web" (2009, 2010, 2011, 2013, 2014 and 2015), Portugal

Design of the Land Management Plan of the Hunting Area of Moita and Vila Nova de Monsarros, Portugal (Proc. nº 928 DGRF): procedure for a license renewal

Airports

Biodiversity Surveys and Assessments

2019

Herbaceous Vegetation Management Impact Study, at Humberto Delgado Airport, Portugal

Biodiversity Study at Humberto Delgado Airport, Portugal

2018

Evaluation of Impacts on Avifauna Component and other studies for the Environmental Impact Study of the Complementary Airport of Montijo, Portugal

2017

Bird Monitoring at Francisco Sá Carneiro's Airport and surrounding area, Portugal

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2009

Ecological Impact Assessment of Lisbon's New Airport in Alcochete, Portugal

Scientific Advisory Services

2010

Peer-review and advisory on the study of bird movements in the New Lisbon Airport construction area, Portugal

PROJECTS



bioinsight

SOUTH AFRICA

Wind Farms

Biodiversity Surveys and Assessments

2017

Bat community operation phase monitoring program of the ESKOM Sere Wind Energy Facility, Western Cape Province, South Africa – Year 3

2016

Avifauna community operation phase monitoring program of the Noblesfontein Wind Energy Facility, Northern Cape Province, South Africa – Year 3

Bat community operation phase monitoring program of the Noblesfontein Wind Energy Facility, Northern Cape Province, South Africa – Year 3.

Bat community operation phase monitoring program of the ESKOM Sere Wind Energy Facility, Western Cape Province, South Africa – Year 2.

Avifauna community pre-construction phase monitoring program of the proposed Haga Haga Wind Energy Facility, Eastern Cape Province, South Africa.

Bat community pre-construction phase monitoring program of the proposed Haga Haga Wind Energy Facility, Eastern Cape Province, South Africa.

Avifauna community pre-construction phase monitoring program of the proposed Sommerset East Wind Energy Facility, Eastern Cape Province, South Africa.

Bat community pre-construction phase monitoring program of the proposed Sommerset East Wind Energy Facility, Eastern Cape Province, South Africa.

Bat community pre-construction phase monitoring program of the proposed De Boom Wind Energy Facility, Western Cape Province, South Africa.

Update of the Bird community pre-construction phase monitoring program report of the proposed Hartbeest Wind Energy Facility, Eastern Cape Province, South Africa.

Update of the Bat community pre-construction phase monitoring program of the proposed Hartbeest Wind Energy Facility, Eastern Cape Province, South Africa.

2015

Bird community operation phase monitoring program of the Noblesfontein Wind Energy Facility, Northern Cape Province, South Africa – Year 2

Bat community operation phase monitoring program of the Noblesfontein Wind Energy Facility, Northern Cape Province, South Africa – Year 2.

Bat community operation phase monitoring program of the ESKOM Sere Wind Energy Facility, Western Cape Province, South Africa – Year 1.

Bird community pre-construction phase monitoring program of the proposed Noblesfontein 2 Wind Energy Facility, Western Cape Province, South Africa.

Bat community pre-construction phase monitoring program of the proposed Noblesfontein 2 Wind Energy Facility, Western Cape Province, South Africa.

Bird community pre-construction phase monitoring program of the proposed Noblesfontein 3 Wind Energy Facility, Western Cape Province, South Africa.

Bat community pre-construction phase monitoring program of the proposed Noblesfontein 3 Wind Energy Facility, Western Cape Province, South Africa.

Bird community pre-construction monitoring program of the proposed Witsand Wind Energy Facility, Western Cape Province, South Africa.

Bat community pre-construction monitoring program of the proposed Witsand Wind Energy Facility, Western Cape Province, South Africa.

Bird community pre-construction phase monitoring program of the proposed Kudusberg Wind Energy Facility, Northern Cape Province, South Africa.

Bat community pre-construction phase monitoring program of the proposed Kudusberg Wind Energy Facility, Northern Cape Province, South Africa.

Avifauna community pre-construction phase monitoring program of the proposed Rondekop Wind Energy Facility, Northern Cape Province, South Africa.

Bat community pre-construction phase monitoring program of the proposed Rondekop Wind Energy Facility, Northern Cape Province, South Africa.

2014

Bird community operation phase monitoring program of the Noblesfontein Wind Energy Facility, Northern Cape Province, South Africa – Year 1.

Bat community operation phase monitoring program of the Noblesfontein Wind Energy Facility, Northern Cape Province, South Africa – Year 1.

Bird community pre-construction monitoring program of the proposed Vredenburg Wind Energy Facility, Western Cape Province, South Africa.

Bat community pre-construction monitoring program of the proposed Vredenburg Wind Energy Facility, Western Cape Province, South Africa.

2013

Bird community pre-construction monitoring program of the proposed Vredendal Wind Energy Facility, Western Cape Province, South Africa

Bat community pre-construction monitoring program of the proposed Vredendal Wind Energy Facility, Western Cape Province, South Africa.

Bat community pre-construction monitoring program of the proposed IE Gouda 2 Wind Energy Facility, Western Cape Province, South Africa.

Bird community pre-construction monitoring program of the proposed IE Gouda 2 Wind Energy Facility, Western Cape Province, South Africa.

Bird community pre-construction monitoring program of the proposed Gunstfontein Wind Energy Facility, Northern Cape Province, South Africa.

Bat community pre-construction monitoring program of the proposed Gunstfontein Wind Energy Facility, Northern Cape Province, South Africa.

Bat community pre-construction monitoring program of the proposed Stormberg Wind Energy Facility, Eastern Cape Province, South Africa.

Bird community pre-construction monitoring program of the proposed Stormberg Wind Energy Facility, Eastern Cape Province, South Africa.

Bird community construction-phase monitoring program of the proposed ESKOM Sere Wind Energy Facility, Western Cape Province, South Africa.

Bat community construction-phase monitoring program of the proposed ESKOM Sere Wind Energy Facility, Western Cape Province, South Africa.

Bird community pre-construction monitoring program of the proposed Blue Wind Energy Facility, Northern Cape Province, South Africa.

Bat community pre-construction monitoring program of the proposed Blue Wind Energy Facility, Northern Cape Province, South Africa.

Bird community pre-construction monitoring program of the proposed Moorreesburg Wind Energy Facility, Western Cape Province, South Africa.

Bat community pre-construction monitoring program of the proposed Moorreesburg Wind Energy Facility, Western Cape Province, South Africa.

Bird community pre-construction monitoring program of the proposed Moorreesburg Extension Wind Energy Facility, Western Cape Province, South Africa.

Bat community pre-construction monitoring program of the proposed Moorreesburg Extension Wind Energy Facility, Western Cape Province, South Africa.

Bird and bat pre-construction monitoring at Moorreesburg Wind Energy Facility (Western Cape, South Africa)

Bird and bat pre-construction monitoring at Gouda II Wind Energy Facility (Western Cape, South Africa)

Bird and bat pre-construction monitoring at Vredendal Wind Energy Facility (Western Cape, South Africa)

Bird and bat pre-construction monitoring at Blue Wind Energy Facility (Northern Cape, South Africa)

2012

Bat pre-construction monitoring program at Hopefield Wind Energy Facility (Western Cape, South Africa)

Bird and bat pre-construction monitoring at Noblesfontein Wind Energy Facility (Northern Cape, South Africa)

Bat pre-construction monitoring program at West Coast I Wind Energy Facility (Western Cape, South Africa)

Bat pre-construction monitoring program at Rheboksfontein Wind Energy Facility (Western Cape, South Africa)

Bird and bat pre-construction monitoring program at Tsitsikamma Wind Energy Facility (Eastern Cape, South Africa)

Bird and bat pre-construction monitoring program of the proposed Tiqua/EXXARO Wind Energy Facility (Western Cape, South Africa)

Bat pre-construction monitoring program at Dorper Wind Energy Facility (Eastern Cape, South Africa)

Bird and bat pre-construction Monitoring program at Kangnas Wind Energy Facility (Northern Cape, South Africa)

Bird and bat pre-construction monitoring at Gouda Wind Energy Facility (Western Cape, South Africa)

Bird and bat pre-construction monitoring at Springfontein Wind Energy Facility (Free State, South Africa)

Bird and bat pre-construction monitoring at Swellendam Wind Energy Facility (Western Cape, South Africa)

Bird monitoring program of the proposed Goereesoe (Swellendam) Wind Energy Facility, Western Cape Province, South Africa

Bat monitoring program of the proposed Goereesoe (Swellendam) Wind Energy Facility, Western Cape Province, South Africa.

Bat monitoring program of the proposed Richards Bay Wind Energy Facility, KwaZulu-Natal Province, South Africa.

Bird and bat pre-construction monitoring program of the proposed Zen Wind Energy Facility, Western Cape Province, South Africa.

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2017

Environmental Impact Assessment (Fauna specialist impact assessment) of the proposed Haga Haga Wind Energy Facility, Eastern Cape, South Africa

Environmental Impact Assessment (Fauna specialist impact assessment) of the proposed Spitskop West Wind Energy Facility, Eastern Cape, South Africa

Environmental Impact Assessment (Bat specialist impact assessment) of the proposed De Boom Wind Energy Facility, Western Cape, South Africa. (In Progress)

Environmental Impact Assessment (Bat specialist impact assessment) of the proposed Haga Haga Wind Energy Facility, Eastern Cape, South Africa. (In Progress)

Environmental Impact Assessment (Avifauna specialist impact assessment) of the proposed Haga Haga Wind Energy Facility, Eastern Cape, South Africa. (In Progress)

Environmental Impact Assessment (Bat specialist impact assessment) of the proposed Sommerset East Wind Energy Facility, Eastern Cape, South Africa. (In Progress)

Environmental Impact Assessment (Avifauna specialist impact assessment) of the proposed Sommerset East Wind Energy Facility, Eastern Cape, South Africa. (In Progress)

Environmental Impact Assessment (Bat specialist impact assessment) of the proposed Kudusberg Wind Energy Facility, Northern Cape, South Africa. (In Progress)

2016

Environmental Impact Assessment (Bat specialist environmental assessment) of the proposed Rondekop Wind Energy Facility, Northern Cape, South Africa.

Environmental Impact Assessment (Avifauna specialist environmental assessment) of the proposed Rondekop Wind Energy Facility, Northern Cape, South Africa.

Environmental Impact Assessment (Bat specialist environmental assessment) of the proposed Hartbeest Wind Energy Facility, Western Cape, South Africa.

Environmental Impact Assessment (Avifauna specialist environmental assessment) of the proposed Hartbeest Wind Energy Facility, Western Cape, South Africa.

Fauna Specialist Ground-Truthing of the Copperton Wind Energy Facility, Northern Cape, South Africa.

2015

Environmental Impact Assessment (Avifauna specialist impact assessment) of the Noblesfontein 2 Wind Energy Facility, Northern Cape, South Africa

Environmental Impact Assessment (Bat specialist impact assessment) of the Noblesfontein 2 Wind Energy Facility, Northern Cape, South Africa

Environmental Impact Assessment (Bat specialist impact assessment) of the Noblesfontein 3 Wind Energy Facility, Northern Cape, South Africa

Environmental Impact Assessment (Avifauna specialist impact assessment) of the Noblesfontein 3 Wind Energy Facility, Northern Cape, South Africa

Environmental Impact Assessment (Avifauna specialist impact assessment) of the proposed Witsand Wind Energy Facility, Western Cape, South Africa

Environmental Impact Assessment (Bat specialist environmental assessment) of the proposed Witsand Wind Energy Facility, Western Cape, South Africa.

2014

Environmental Impact Assessment (Avifauna specialist environmental assessment) of the proposed Vredenburg Wind Energy Facility, Western Cape, South Africa

2013

Bat Specialist Environmental Impact Assessment of the proposed Richards bay Wind Energy Facility, Kuazulu Natal, South Africa

Environmental Impact Assessment (Bat specialist environmental assessment) of the proposed Gunstfontein Wind Energy Facility, Northern Cape, South Africa

Environmental Impact Assessment (Avifauna specialist environmental assessment) of the proposed Gunstfontein Wind Energy Facility, Northern Cape, South Africa

Environmental Impact Assessment (Avifauna specialist environmental assessment) of the proposed Stormberg Wind Energy Facility, Eastern Cape, South Africa

Environmental Impact Assessment (Bat specialist environmental assessment) of the proposed Stormberg Wind Energy Facility, Eastern Cape, South Africa

2012

Environmental Impact Assessment (Avifauna specialist environmental assessment) of the proposed Hopefield Wind Energy Facility, Western Cape, South Africa

Environmental Impact Assessment (Avifauna specialist environmental assessment) of the Goeresoe (Swellendam) Wind Energy Facility, Western Cape, South Africa

Scoping and bat ecological assessment for the Zen Wind Energy Facility project (Western Cape, South Africa)

Scientific Advisory Services

2016

Bat Specialist Pre-feasibility analysis and Risk Assessment of the proposed De Boom Wind Energy Facility, Western Cape, South Africa

Avifauna Specialist Pre-feasibility analysis and Risk Assessment of the proposed De Boom Wind Energy Facility, Western Cape, South Africa

Avifauna Pre-feasibility analysis and Risk Assessment of the proposed Stutterhein Wind Energy Facility, Eastern Cape, South Africa

Bat Pre-feasibility analysis and Risk Assessment of the proposed Stutterhein Wind Energy Facility, Eastern Cape, South Africa

Avifauna Pre-feasibility analysis and Risk Assessment of the proposed Haga Haga Wind Energy Facility, Eastern Cape, South Africa

Bat Pre-feasibility analysis and Risk Assessment of the proposed Haga Haga Wind Energy Facility, Eastern Cape, South Africa

Avifauna Pre-feasibility analysis and Risk Assessment of the proposed Sommerset East Wind Energy Facility, Eastern Cape, South Africa

Bat Pre-feasibility analysis and Risk Assessment of the proposed Sommerset East Wind Energy Facility, Eastern Cape, South Africa

Avifauna Pre-feasibility analysis and Risk Assessment of the proposed Suurvlaakte Wind Energy Facility, Western Cape, South Africa

Bat Pre-feasibility analysis and Risk Assessment of the proposed Suurvlaakte Wind Energy Facility, Western Cape, South Africa

2015

Avifauna Specialist Pre-feasibility analysis and Risk Assessment of the proposed Inkamcwa Wind Energy Facility, Eastern Cape, South Africa

Bat Pre-feasibility analysis and Risk Assessment of the proposed Spitskop West Wind Energy Facility, Eastern Cape, South Africa.

Avifauna Pre-feasibility analysis and Risk Assessment of the proposed Spitskop West Wind Energy Facility, Eastern Cape, South Africa.

2012

Peer-review of the bird pre-construction monitoring reports for the Hluhluwe Wind Energy Facility project (KwaZulu Natal, South Africa)

Peer-review of the bird pre-construction monitoring reports for the Richards Bay Wind Energy Facility project (KwaZulu Natal, South Africa)

Solar Plants

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2017

Environmental Impact Assessment (Avifauna specialist impact assessment) Heuningklip Solar Energy Facility, Western Cape, South Africa. (In Progress)

Environmental Impact Assessment (Avifauna specialist impact assessment) Kruispad Solar Energy Facility, Western Cape, South Africa. (In Progress)

Environmental Impact Assessment (Avifauna specialist impact assessment) Doornfontein Solar Energy Facility, Western Cape, South Africa. (In Progress)

2016

Fauna Specialist Terms of Reference for the Cape Leopard Environmental Impact assessment of the proposed Bonnievale Solar Energy Facility, Western Cape, South Africa.

Fauna Specialist Impact Assessment: Cape Leopard for the proposed Bonnievale Solar Energy Facility, Western Cape, South Africa.

Fauna Specialist Impact Assessment Statement of the proposed Heuningklip Solar Energy Facility, Western Cape, South Africa.

Fauna Specialist Impact Assessment Statement of the proposed Kruispad Solar Energy Facility, Western Cape, South Africa.

Fauna Specialist Impact Assessment Statement of the proposed Doornfontein Solar Energy Facility, Western Cape, South Africa.

2015

Bird Specialist statement on the Amendment of the Environmental Authorization for a 10MW Solar Energy Facility located on Portion 334 of Farm 292 and associated powerline on Portion 171 and 386 of Farm 292 Vredendal, Western Cape, South Africa.

Biodiversity Surveys and Assessments

2015

Bird community pre-construction phase monitoring program of the Heuningklip Solar Energy Facility, Western Cape, South Africa.

Bird community pre-construction phase monitoring program of the Kruispad Solar Energy Facility, Western Cape, South Africa.

Bird community pre-construction phase monitoring program of the Doornfontein Solar Energy Facility, Western Cape, South Africa.

Scientific Advisory Services

2016

Peer-revision of the Environmental Impact Assessment (Avifauna specialist impact assessment draft report) of the proposed Bonnievale Solar Energy Facility, Western Cape, South Africa.

PROJECTS

biodinâmica

MOZAMBIQUE

A stylized, dark brown silhouette of the map of Mozambique is positioned in the background, partially obscured by the text. The map shows the country's coastline and internal borders.

Solar Plant

Scientific Advisory Services

2019

Environmental Pre-feasibility Assessment for a Photovoltaic Power Generation Facility project in Matambo, Tete, Mozambique

Oil & Gas

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2018

Ecological Monitoring of the Construction of the Replacement Village (RV) Ecological Monitoring of a Replacement Village Project associated to the development of a Liquefied Natural Gas Project of Anadarko Moçambique Area 1 Limitada (AMA 1) in Palma, Mozambique

2017

Environmental & Social Impact Assessment (ESIA) Update for the Hydrocarbon Exploration Drilling in Rovuma Basin Area 3

2016

Development of the Manual of the Field Environmental Officer as a mitigation of seismic research related to the drilling added in Pande 4 and 2D / 3D seismic in Pande (Center and South Inhassoro), SASOL.

Monitoring of after-construction of Pipeline Mozambique flora and vegetation for Secunda and Loopline SASOL

2015

Flora and Vegetation Section of the addition of the Environmental Impact Study of SASOL Area A (Inhambane)

Ecological Monitoring of the Construction Phase, development of the Complementary Plans, the Fisheries Contingency Plan and restoration of Fishermen's lifestyle, to the Pemba Oil and Gas Services Center

Powerlines and Substations

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2018

Ecological Component of the Environmental and Social Impact Assessment (ESIA) of a 220kV interconnection between Metoro - Palma, Mozambique

2017

Environmental Pre-Feasibility Study and Scope Definition (EPDA)

2015

Environmental and Social Impact Assessment of the Namialo - Metoro power line at 220 kV and the 220 kV / 110 kV substation

2016

Project of the Combined Cycle Thermoelectric Plant of Búzi

2013

Environmental Impact Study of a Combined Cycle Thermoelectric Plant in Gaza Province

Industry

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2017

Active monitoring of vegetation foreseen in the Environmental Management Plan for the operation of the Coal Mine of Moatize for 2 years

2016

Addendum to the Simplified Environmental Study of the MOCOTEX cotton processing factory to include the delinting process

Monitoring of periphytic algae associated to Environmental Management Plan (PGA) of Moatize Industrial Complex and its Expansion

2015

Specialty of the Biotic Environment of the review of the Environmental Management Plan (PGA) of the Moatize Industrial Complex and its Expansion

Nature Conservation & Protected Areas & Programme

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2016

Supervision mission (Due Diligence e Ambiental) for the IFC to Investment Commercial Bank (BCI), Mozambique

2015

Background Review of Climatic vulnerability of the Quirimbas National Park and First and Second Marine Reserve.

2014

Consultancy for the Fundação Ensemble "Mozambique Marine Ecosystems Review"

2013

Consultancy for WWF Moçambique in Maputo, Nacal and Pemba, designated "Baseline survey on Socio-Economic benefits of artisanal tuna fishery in Mozambique"

2006

Brief Assessment of the First and Second Islands - establishment of a monitoring program (WWF Mozambique)

Biodiversity Surveys and Assessments

2006

Characterization of the fishing activity in the districts of Angoche, Moma and Pebane (WWF Mozambique)

2005

Creation of Total Protection Zones in the Archipelago of the Primeiras and Segundas Islands and its impact on Shrimp Fishing (WWF Mozambique)

Economic Valuation of Biodiversity and Ecosystem Services

2017

Environmental Education & Training

Environmental Awareness, Education and Training

2015

Training action for the inspectors of the Quirimbas National Park in Taratibu and the teachers of FCN-Unilúrio at the Workshop "Understanding, studying and promoting the sustainable use of Biodiversity in the Quirimbas National Park"

Training action on environmental characterization and geo-referencing to the Mozambican Water Research Institute within the project "Pilot test for the development of the

Tourism & Urban Areas

Biodiversity Land Planning and Management

2014

Ecology component of Strategic Environmental Assessment, Multisectoral Plan, Special Plan for Territorial Planning of the Zambezi Valley and Digital Decision Support Model

Addendum to the project "Technical Guidelines for the Evaluation, Management and Monitoring of High Conservation Values (HCV)": Production of cartographic information related to HCV 1, 2, 3 and 4 for the new DUAT areas of Portucel Zambezia

2016

Portucel Forest Project in Zambézia: Technical prescription for the Assessment, Management and Monitoring of High Conservation Values (HCV), according to the FSC Principles and Criteria

Preliminary feasibility study to establish a Sustainable Use Conservation Area in the region of Palma and Nangade, Cabo Delgado

Scientific Advisory Services

2016

Facilitation and final report of "Round table about the challenges of sustainable fishing on Quirimbas National Parque (PNQ)"

Biodiversity Land Planning and Management

2016

Biodiversity Baseline Assessment and definition of the Biodiversity Action Plan, Ecosystem Services Plan and Monitoring Plan of the MOCOTEX Agri-investment in Zambezia

assessing methodology of water quality in suburban areas of the Maputo city.

Scientific Advisory Services

2016

Final report of the workshop and project of Adaptation Strategy for Climate Vulnerability in the Environmental Protection Area of the First and Second Islands

Final report of the workshop and project of Adaptation Strategy for Climate Vulnerability in the Quirimbas National Park

PROJECTS

A dark grey world map is centered on the page. Several countries are highlighted in white: Brazil in South America, Nigeria in West Africa, and Sweden in Northern Europe. The background features a series of concentric circles in varying shades of grey, creating a ripple effect.

bioinsight

OTHER COUNTRIES

Wind Farms & Solar Plants

Scientific Advisory Services

2019

KOSOVO – Development of a bird and bat post construction monitoring plan for the Kitka WPP and transmission line, Kosovo

SWITZERLAND – Evaluating Radar Systems for Monitoring Risk to Migratory Birds at the Windpark, Switzerland

2018

KOSOVO – Due Diligence for the European Bank for Reconstruction and Development (EBRD) to support the decision process of finance a Wind Power Project in eastern Kosovo, Kosovo

2017

CAPE VERDE – Risk assessment of *Pandion halietus* and *Falco alexandri* at Boa Vista Wind Farm, Cape Verde

2014

FINLAND – Technical report on mitigation techniques to reconcile a Finnish Wind Farm with Golden Eagle, Finland

2013

ISRAEL – Development of the "Guidance on avian post construction monitoring techniques for wind and solar energy facilities with specific reference to Migrating Soaring Birds (MSB) in the Rift Valley/Red Sea Flyway" for BirdLife International

2009

VENEZUELA – Design of the terms of reference for the ecological assessment related to the installation of two Wind Farms in Venezuela.

Biodiversity Surveys and Assessments

2019

Water Treatment Plan

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2013

Airports

Biodiversity Surveys and Assessments

2016

BELGIUM – Radar rental for Brussels Airport, Belgium

COLOMBIA – Birds and bats monitoring in the direct areas of influence of the Wind Farms: Acacia 2, Camelia, Camelia 1 and Camelia 2, La Guajira, Colombia

BRAZIL – Wildlife monitoring in the Serra Babilónia solar-wind complex, Brazil

BRAZIL – Bird and bat monitoring in 5 wind farms during the installation, Brazil

BRAZIL – Birds, Bats, Terrestrial mammals, Amphibians and Reptiles monitoring in 3 Wind Farms Complexes in northeast Brazil: Areia Branca, Serra do Mel and São Miguel do Gostoso, Brazil

2018

BRAZIL – Production of the Detailed Report of the Environmental Programs for 5 Wind Farms, Rio Grande do Norte state, Brazil

Biodiversity Land Planning and Management

BRAZIL – Qualiquantitative Analysis of Environmental Monitoring Data and design of an Integrated Environmental Monitoring Program - PMAI, Brazil

Environmental Impact Assessment, Mitigation, Compensation and Offsets

2019

BRAZIL – Wildlife monitoring programs in the Serra do Mel wind complex, Brazil

BRAZIL – Environmental Licensing of a photovoltaic power production project, Brazil

2018

MEXICO – Annual Monitoring Study of Birds and Bats (daytime and nighttime) in 2018 in the Park and in the Electric Line of Bii Stinu Wind Farm (EDI), Oaxaca, Mexico

ANGOLA – Advisory to the Ecological Impact Assessment of water distributions systems in the cities of Saurimo and Ndalatando, Angola



**RESEARCH,
DEVELOPMENT
AND INNOVATION**

bioinsight
GROUP

R&D Projects

Wind & Biodiversity (2011-2015)

In February 2011, former Bio3 initiated the Wind & Biodiversity project, in co-promotion with two research units of the University of Aveiro, the Associated Laboratory CESAM – Centro de Estudos do Ambiente e do Mar (Centre for Environmental and Marine Studies) and IEETA – Instituto de Engenharia Electrónica e Telemática de Aveiro (Institute of Electronics and Telematics Engineering of Aveiro). This project aims to develop the technologies and know-how that will allow the development of effective strategies to reconcile wind farms with biodiversity.

Biologist-dog (2008-2012)

Bioinsight provides services using trained dogs to detect birds and bats' corpses at wind farms and around power lines, to accurately quantify the real impacts of human infrastructure on biodiversity. This service results from a R&D project started in 2008 with the establishment of a pioneer protocol between former Bio3 and the Portuguese Public Security Police K9 Special Unit. After 16 weeks of intensive training, two dogs and their handlers were certified to perform this type of activity.

Books

Biodiversity and Wind Farms in Portugal: Current Knowledge and Insights for an Integrated Impact Assessment Process

Mascarenhas, M., Marques, A.T., Ramalho, R., Santos, D., Bernardino, J., Fonseca, C. (Eds). Biodiversity and Wind Farms in Portugal: Current Knowledge and Insights for an Integrated Impact Assessment Process. Springer International Publishing.

Biodiversity & Wind Energy

Mascarenhas, M., Bernardino, J., Paula, A., Costa, H., Bastos, C., Cordeiro, A., Marques, A.T., Marques, S., Mesquita, S., Paula, J., Pereira, P.S., Peste, F., Ramalho, R., Rodrigues, S., Santos, J., Vieira, J. & Fonseca, C. (2015), Biodiversity & Wind Energy: a bird's and bat's perspective. Bio3 and University of Aveiro. Aveiro, Portugal

Scientific papers

Pereira, M.J.R.; Peste, F.; Paula, A.; Pereira, P.; Bernardino, J.; Vieira, J.; Bastos, C.; Mascarenhas, M.; Costa, H.; Fonseca, C. Managing coniferous production forests towards bat Conservation. *Wildlife Research*, 2016, 43, 80–92. <http://dx.doi.org/10.1071/WR14256>

Ferreira, R.; Zina, H.; Marques, A.T.; Delgado, A.; Venade, D. & Costa, H. Wintering population of Red kite *Milvus milvus* in the Castro Verde SPA (Portugal). *Airo* 23: 55-60 (2014-15)

Marques, A.T.; Ferreira, R.; Zina, H.; Santos, J. & Costa, H. Population size of Montagu's harrier *Circus pygargus* in the Castro Verde SPA (Portugal). *Airo* 23: 61-65 (2014-15)

Paula, J.; Bispo, J.S.; Regina, M. B.; Leite, A. H.; Pereira, P.G.S.; Costa, H.M.R.G.; Fonseca, C.M.M.S.; Mascarenhas, M.R.T. & Bernardino, J.L.V. (2015) Camera-trapping as a methodology to assess the persistence of wildlife carcasses resulting from collisions with human-made structures. *Wildlife Research*, <http://dx.doi.org/10.1071/WR14063>

Peste, F., Paula, A., da Silva, L.P., Bernardino, J., Pereira, P., Mascarenhas, M., Costa, H., Vieira, J., Bastos, C., Fonseca, C. & Ramos Pereira, M.J. 2015. How to mitigate impacts of wind farms on bats? A review of potential conservation measures in the European context. *Environmental Impact Assessment Review*. 51:10-22.

Marques, A.T., Batalha, H., Rodrigues, S., Costa, H., Pereira, M.J.R., Fonseca, C., Mascarenhas, M. & Bernardino, J. (2014). Understanding bird collisions at wind farms: An updated

review on the causes and possible mitigation strategies. *Biological Conservation*, 179: 40-52.

Santos, H., Juste, J., Ibáñez, C., Palmeirim, J. M., Godinho, R., Amorim, F., Alves, P., Costa, H., de Paz, O., Pérez-Suarez, G., Martínez-Alos, S., Jones, G. and Rebelo, H. (2014), Influences of ecology and biogeography on shaping the distributions of cryptic species: three bat tales in Iberia. *Biological Journal of the Linnean Society*, 112: 150–162.

Bispo, R., Bernardino, J., Marques, T. & Pestana, D. (2013). Discrimination between parametric survival models for removal times of bird carcasses in scavenger removal trials at wind turbines sites. In J.L. da Silva et al. (eds.), *Advances in Regression, Survival Analysis, Extreme Values, Markov Processes and Other Statistical Applications, Studies in Theoretical and Applied Statistics*.

Marques, T.A., Buckland, S., Bispo R. & Howland, B. (2013). Accounting for animal density gradients using independent information in distance sampling surveys. *Statistical Methods & Applications*. 22, 1 : 67-80

Bernardino, J., Bispo, R., Costa, H. & Mascarenhas, M. (2013). Estimating bird and bat fatality at wind farms: a practical overview of estimators, their assumptions and limitations. *New Zealand Journal of Zoology*, 40, 1: 63-74.

Bispo R., Bernardino, J., Marques, T. & Pestana, D. (2013). Modeling carcass removal time for avian mortality assessment in wind farms using parametric survival analysis.

Environmental and Ecological Statistics. doi: 10.1007/s10651-012-0212-5.

Bernardino, J., Bispo, R., Torres, P., Rebelo, R., Mascarenhas, M., Costa, H., (2011). Enhancing carcass removal trials at three wind energy facilities in Portugal. In *Wildlife Biology in Practice*, 7(2): 1-14.

Paula, J., Leal, M. C., Silva, M. J., Mascarenhas, R., Costa, H. & Mascarenhas, M. (2011). Dogs as a tool to improve bird-strike mortality estimates at wind farms. *Journal for Nature Conservation*, doi:10.1016/j.jnc.2011.01.002.

Technical Papers

Correia, R.; Vieira, J.; Faneca, C.; Albuquerque, D.; Bastos, C.; Costa, H. Bernardino, J.; Mascarenhas, M.; Pereira, M.J.; Fonseca, C. & Inácio, O. 2014. Characterization of the ultrasonic acoustic field of a wind turbine. In *Proceedings of the TecniAcoustica 2014*. 29 to 31 October 2014. Múrcia, Spain. Pp. 1420-1428

Bernardino, J., Bispo, R., Paula, J., Costa, H. & Mascarenhas, M. (2014). The challenges of estimating the mortality of birds and bats in wind farms: recent advances and new directions. *Minutes book of the 5th National Congress of Impact Assessment*. 20 and 21 March 2014. Viseu. ISBN: 978-989-96971-1-9.

Bernardino, J., Paula, A., Marques, A. T., Peste, F., Pereira, M.J., Fonseca, C., Mascarenhas, M. & Costa, H. (2014). Strategies and technologies to minimize the impacts of wind farms on birds and bats: what's the true cost / benefit? *Minutes book of the 5th National Congress of Impact Assessment*. 20 and 21 March 2014. Viseu. ISBN: 978-989-96971-1-9.

Correia R., Faneca C., Vieira J.M.N., Bastos C., Mascarenhas M., Costa H., Bernardino J., Fonseca C., Pereira M.J.R. 2013. Bat Monitoring System for Wind Farms. *Proceedings off the 12th Conference on Programmable Devices and Embedded Systems*. 25 - 27 September 2013. Velke Karlovice, Czech Republic

Faneca, C., Correia, R., Vieira, J., Bastos, C., Fonseca, C., Pereira, M.J., Mascarenhas, M., Costa, H. & Bernardino, J.

(2012). 3D reconstruction of bat trajectories from stereo vision. In *Proceedings of the 18th Portuguese Conference on Pattern Recognition*. 26 October 2012. Coimbra, Portugal.

Coelho, H., Ferreira, R., Rodrigues, S., De Silva, R., Pendlebury, C., Walls, R., Mascarenhas, M., Mesquita, S. & Costa, H. (2012). First specific biodiversity assessment in the Portuguese Pilot Zone (PPZ). In *Proceedings of the 32nd Annual Meeting of International Association for Impact Assessment*. 27 May - 1 June 2012. Porto, Portugal.

Bernardino, J., Bispo, R., Mascarenhas, M. & Costa, H. (2012). Are we properly assessing bird and bat mortality at onshore wind farms? In *Proceedings of the 32nd Annual Meeting of International Association for Impact Assessment*. 27 May - 1 June 2012. Porto, Portugal.

Paula, J., Mesquita, S., Mascarenhas, M. & Costa, H. (2012). SEA of a Road Network Plan: effects on wolf populations. In *Proceedings of the 32nd Annual Meeting of International Association for Impact Assessment*. 27 May - 1 June 2012. Porto, Portugal.

Bernardino, J., Zina, H., Passos, I., Costa, H., Pereira, M. J., Fonseca, C., Mascarenhas, M. (2012). Bird and bat mortality at Portuguese wind farms. In *Proceedings of the 32nd Annual Meeting of International Association for Impact Assessment*. 27 May - 1 June 2012. Porto, Portugal.

Mascarenhas M., Coelho H. (2011) IFIM: a method for determining the ecological flow (in Portuguese). *Renováveis Magazine* 7.

Bispo, R., Palminha, G., Bernardino, J., Marques, T. & Pestana, D. (2010). A new statistical method and a web-based application for the evaluation of the scavenging removal correction factor. In *Proceedings of the VIII Wind Wildlife Research Meeting*, Denver, USA.

Costa, H. M., Mascarenhas, M. & Cardoso, P. E. (2005). Which intervention strategy should be used in ecological sensitive areas? *Baseline Ecological Studies: an integrated tool* (in Portuguese). ENER'05 Conference on Renewable Energies and Environment in Portugal - the Portuguese situation in relation to the EU's goals. Figueira da Foz, 5 to 7 May 2005. pp. 1.81 a 1.86.

Thesis

Soares, M.J. (2015). Relative mortality risk index of Iberian birds in wind farms based on inflated models at zero. Thesis submitted for the degree of Master in Applied Biology. University of Aveiro.

Bispo, R. (2009-2012). Estimating wildlife mortality at wind farms: accounting for carcass removal, imperfect detection and partial coverage, PhD on Statistics and Operational Research – experimental statistics and data analysis. Faculty of Sciences of the University of Lisbon / Bio3.

Ferreira, C. (2011). Study of the occupancy of fox (*Vulpes vulpes*), wild boar (*Sus scrofa*) and roe deer (*Capreolus capreolus*) in three regions surrounding the future A4 motorway (in Portuguese). Dissertation presented for obtaining the graduation in Biology. University of Aveiro / Bio3.

Palminha, G. (2010). Biodiversity Tracking System – A tool for biodiversity monitoring (in Portuguese). Dissertation presented for obtaining the MSc in Geographic Information Systems. University of Lisbon / Bio3.

Viegas, S. (2010). Development of an index to a more objective quantification of environmental impacts (in Portuguese). Dissertation presented for obtaining the MSc in Environmental Sciences and Technologies – Specialization in Ecology and Natural Resources Management. Faculty of Sciences of the University of Oporto / Bio3.

Santos, J. (2009). Assessment of the success of habitat management measures in the recovery of populations of wild rabbit and red partridge in the valley of the Sabor River (in Portuguese). Dissertation presented for obtaining the MSc in Ecology and Environmental Management. Faculty of Sciences of the University of Lisbon / Bio3.

Salgueiro, P. (2009). Developing a standard methodology for bird monitoring programs: a Portuguese wind farm case study (in Portuguese). Dissertation presented for obtaining the MSc in Biology of Conservation. University of Évora / Bio3.

Bernardino, J. (2008). Bird and Bat mortality estimation in wind farms: assessment of the current methodologies and proposals for its improvement (in Portuguese). Dissertation presented for obtaining the MSc in Biology and Environmental Management. Faculty of Sciences of the University of Lisbon / Bio3.

Bernardino, J. (2006). Impact of wind farms on the bird community of Candeeiros Mountain: mortality, searcher efficiency and scavenging removal rates (in Portuguese). Faculty of Sciences of the University of Lisbon / Bio3. Dissertation presented for obtaining the post-graduation in Biology. Lisbon.

Oral presentations at scientific/technical conferences

Cláudio, N., Rodrigues, S., Mascarenhas, M., Mouriño, H., Marques, T.A. (2017). Classificação automática de sons de morcegos [Automatic identification of bat sounds]. Congresso da Sociedade Portuguesa de Estatística. 18 to 21 de October 2017. Lisbon, Portugal.

Coelho, H., McLean, N., Mascarenhas, M., Pendlebury, C. (2017). Experiences gained from delivery of offshore wind energy in the UK that could inform the environmental assessment of Portuguese projects. 4th Conference on Wind energy and Wildlife impacts (CWW). 6 to 8 September 2017. Estoril, Portugal.

Santos, J., Rosa, L., Mascarenhas, M. (2017). Mitigation strategies & effectiveness - the Candeeiros wind farm monitoring and mitigation program case study. 4th Conference on Wind energy and Wildlife impacts (CWW) (2017). 6 to 8 September 2017. Estoril, Portugal.

Rosa, L., Paula, J., Mascarenhas, M. (2017). Camera-trapping as a methodology in the assessment of carcass persistence, used in bird and bat fatality estimates at wind farms.

Santos, J., Rosa, L., Mascarenhas, M. (2017). Mitigation strategies & effectiveness - the Candeeiros wind farm monitoring and mitigation program case study. 4th Conference on Wind energy and Wildlife impacts (CWW). 6 to 8 September 2017. Estoril, Portugal.

Mesquita, S.; Marques, J.; Rodrigues, S.; Paula, J.; Cordeiro, A.; Mascarenhas, M.; Ramalho, R.; Costa, C.; Ferreira, M. (2016). Mitigation of impacts of wind farms in bats minimizing production losses: two case studies on the suitability of turbine start speed. CNAI'16. Évora

Mesquita, S. (2016). Natural Resources, Business and Industry. XIII Environment Conference. November 2016. Lousada.

Paula, A., Santos, J., Ferreira, C., Bernardino, J. & Costa, H. (2015). Compensation scenarios to deal with wind farm's impacts on birds: the challenges of moving from theory to practice. Wind energy and Wildlife impacts. 10 - 12 March 2015. Berlin, Germany.

Bispo, R., Bernardino, J., Paula, J., Marques, T., Costa, H. & Mascarenhas, M. (2015). Enhancing the study design of carcass removal trials for bats and birds at wind farms. Wind energy and Wildlife impacts. 10 - 12 March 2015. Berlin, Germany.

Monitoring impacts of wind farms on birds and implementation of a mitigation plan and compensation

measures. XVIII National Meeting of Nature Watchers / XII Technical Conference of Environmental species and Habitats Monitoring. 1st February 2015, Odemira (Portugal).

Costa, H. (2015). Reconciling Wind & Biodiversity: an integrated management approach. Wind & Biodiversity Seminar. 15 January, 2015. Aveiro (Portugal)

Peste, F. (2015). Wind energy and the application of compensation measures for bats. Wind & Biodiversity Seminar. 15 January, 2015. Aveiro (Portugal)

Vieira, J. (2015). Ultrasounds as a bat deterrent? Wind & Biodiversity Seminar. 15 January, 2015. Aveiro (Portugal)

Paula, A. (2015). Mitigation of wind farm impacts: a hierarchy of solutions - from avoidance to compensation. Wind & Biodiversity Seminar. 15 January, 2015. Aveiro (Portugal)

Bispo, R. (2015). Estimates of bird and bat fatality at wind farms: from study design to the application of estimators. Wind & Biodiversity Seminar. 15 January, 2015. Aveiro (Portugal)

Marques, A.T. (2015). Using radar technology to study bird movements: challenges and opportunities. Wind & Biodiversity Seminar. 15 January, 2015. Aveiro (Portugal)

Bernardino, J. (2015). Understanding the causes of bird and bat mortality at wind farms: are they simply distracted? Wind & Biodiversity Seminar. 15 January, 2015. Aveiro (Portugal)

Mascarenhas, M. (2015). Wind & Biodiversity Project: fostering synergies to understand and mitigate wind energy impacts. Wind & Biodiversity Seminar. 15 January, 2015. Aveiro (Portugal)

Correia, R.; Vieira, J.; Faneca, C.; Albuquerque, D.; Bastos, C.; Costa, H. Bernardino, J.; Mascarenhas, M.; Pereira, M.J.; Fonseca, C. & Inácio, O. 2014. Characterization of the ultrasonic acoustic field of a wind turbine. TecniAcoustica 2014. 29 to 31 October, 2014. Murcia, Spain.

Costa, H. & Paula, J. (2014). Companies role in reconciling wildlife with the road network. Wildlife and road network Workshop: conflict management science. 6th June 2014. University of Aveiro.

Bernardino, J., Bispo, R., Paula, J., Costa, H. & Mascarenhas, M. (2014). The challenges of estimating mortality of birds and bats at wind farms: recent advances and new guidelines. 5th National Congress of Impact Assessment. 20 - 21 March 2014. Viseu.

Bernardino, J., Paula, A., Marques, A. T., Peste, F., Pereira, M.J., Fonseca, C., Mascarenhas, M. & Costa, H. (2014) Wind Farm Impact minimization strategies and technologies for birds and bats: what is the true cost / benefit? 5th National Congress of Impact Assessment. 20 - 21 March 2014. Viseu.

Marques, A.T., Rosa, I., Palminha, G., Paixão, R., Bernardino, J., Costa, H., Mascarenhas, M. 2014. Characterization of birds associated with rice seed activity, through a radar system. VIII SPEA's Ornithology Congress. 1-4 de March 2014, Almada.

Costa, H. (2013). Best strategies for biodiversity conservation at Wind Farms for the preservation of biodiversity. Meeting on Best Environmental Practices and Available Technologies for Wind Power in Extremadura. 3rd December 2013. Badajoz, Spain.

Costa, H. (2013). Entrepreneurship of young scientists in Biodiversity in Portugal: Bio3 case. Staff Exchange "Integration of young scientists". 18th October 2013. Lisbon, Portugal.

Bernardino, J. (2013). Methods and tools to estimate bird fatality at wind farms. Birdlife workshop "Assessing and monitoring the impacts of wind energy on birds in South Africa: the next steps". 30th September – 1st October 2013. Cape Town, South Africa.

Bernardino, J., Mascarenhas, M., Jodas, K., Thomas, J. & Costa, H. (2013). Mitigating and monitoring impacts of wind energy facilities on birds and bats: lessons learnt from the European experience. WINDaba 2013. 25 - 27 September 2013. Cape Town, South Africa.

Correia R., Faneca C., Vieira J.M.N., Bastos C., Mascarenhas M., Costa H., Bernardino J., Fonseca C., Pereira M.J.R. (2013). Bat Monitoring System for Wind Farms. 12th Conference on programmable devices and embedded systems. 25 - 27 September 2013. Velke Karlovice, Czech Republic.

Bispo, R., Marques, T.A., Buckland, S.T. & Howland, B. (2013). Using independent information in distance sampling surveys to account for animal density gradients with respect to transects. I Portuguese Biometrics Meeting / I Biometrics Luso-Galician Meeting. 14-16 July 2013. Braga, Portugal.

Passos, I., Silva, M.J., Mesquita, S., Marques, A.T., Bernardino, J., Costa, H. & Mascarenhas, M. (2013). Aliens in wind farms - preventing and monitoring impacts on vegetation. Conference on Wind power and Environmental impacts. 5-7 February 2013. Stockholm, Sweden.

Peste, F., Paula, A., Bernardino, J., Costa, H., Mascarenhas, M., Fonseca, C. & Pereira, M.J. (2013) Off-site mitigation and compensation measures for bats at wind farms. Conference on Wind power and Environmental impacts. 5-7 February 2013. Stockholm, Sweden.

Cordeiro, A., Mascarenhas, M. & Costa, H. (2013) Long term survey of wind farms impacts on common kestrel's populations and definition of an appropriate mitigation plan. Conference on Wind power and Environmental impacts. 5-7 February 2013. Stockholm, Sweden.

Bispo, R. (2012). Bird and bat fatality estimation at wind farms: constrains, current approaches and remaining questions. Progress Workshop. 28- 29 November 2012. Berlin, Germany.

Ferreira, R., Marques, A.T., Zina, H., Santos, J., Silva, M.J., Mascarenhas, M. & Costa, H. (2012). Steppe bird surveying at

Castro Verde (n Portuguese). Seminar on Conservation of Cereal Steppes. 7-8 November 2012. Castro Verde, Portugal.

Faneca, C., Correia, R., Vieira, J., Bastos, C., Fonseca, C., Pereira, M.J., Mascarenhas, M., Costa, H. & Bernardino, J. (2012). 3D reconstruction of bat trajectories from stereo vision. 18th Portuguese Conference on Pattern Recognition. 26 October 2012. Coimbra, Portugal.

Paula, A. (2012). Bio3, Consultancy and Research on Biodiversity. Innovation open-day at UATEC (Technology Transfer Unit of the University of Aveiro). 11th October 2012. Aveiro, Portugal

Viegas, S., Talhadas dos Santos, P. & Mesquita, S. (2012). A new approach for the quantification of environmental impacts on biological descriptors: objectivity and reliability. IV Congress of Wild Fauna - WAVES Portugal, 28-29 September 2012. Bragança, Portugal.

Bispo, R. Marques, T.A. & Bernardino, J. (2012). Detectability of bird cadavers in wind farms under non-uniform densities (in Portuguese). XX Congress of the Portuguese Statistical Society. 26 - 29 September 2012. Porto, Portugal.

Costa, H. (2012). Exploring wild resources in a sustainable way: a success story (in Portuguese). III Forum of the National School of Hunting, Fishing and Biodiversity. 15th September, 2012. Moura. Portugal.

Mesquita, S. (2012). Examples of "good practices" for wind power investments implemented in Natura 2000 sites. 3rd International Workshop on Appropriate Assessment. 6-8 September 2012. Dublin, Ireland.

Marques, A. T. (2012). Compensation and off-site mitigation strategies for endangered Bonelli's Eagle populations in Wind Farms. Workshop "Wind Power and Biodiversity: Tools to measure avoid and compensate impacts". EDP, organized by Bio3, Fundación Global Nature and Global Nature Fund. 29 June 2012. Lisbon, Portugal.

Mesquita, S. (2012). Avoiding and minimizing impact: the beginning of the "Wind & Biodiversity" project. Workshop "Wind Power and Biodiversity: Tools to measure, avoid and compensate impacts". EDP, organized by Bio3, Fundación Global Nature and Global Nature Fund. 29 June 2012. Lisbon, Portugal.

Costa, H. (2012). Measuring wind farms' impacts: trying to keep it simple. Workshop "Wind Power and Biodiversity: Tools to measure, avoid and compensate impacts". EDP, organized by Bio3, Fundación Global Nature and Global Nature Fund. 29 June 2012. Lisbon, Portugal.

Mesquita, S., Paula, J., Mascarenhas, M. & Costa, H. (2012). SEA of a Road Network Plan: effects on wolf populations. 32nd Annual Conference of the International Association for Impact Assessment. 27 May – 1 June 2012. Porto, Portugal.

Bernardino, J., Bispo, R., Mascarenhas, M. & Costa, H. (2012). Are we properly assessing bird and bat mortality at onshore wind farms? 32nd Annual Conference of the International Association for Impact Assessment. 27 May – 1 June 2012. Porto, Portugal.

Coelho, H., Ferreira, R., Rodrigues, S., De Silva, R., Pendlebury, C., Walls, R., Mascarenhas, M., Mesquita, S. & Costa, H. (2012). First specific biodiversity assessment in the Portuguese Pilot Zone (PPZ). 32nd Annual Conference of the

International Association for Impact Assessment. 27 May – 1 June 2012. Porto, Portugal.

Santos, J., Marques, A. T., Paula, A., Bernardino, J., Mascarenhas, M. & Costa, H. (2012). Compensation and off-site mitigation strategies for endangered Bonelli's Eagle populations in Wind Farms. VIth Polish Wind Energy Association (PWEA) Conference & Exhibition. 22 - 23 May 2012. Warsaw, Poland.

Santos, J., Marques, A. T., Paula, A., Costa, H., Mascarenhas, M. (2012) Reconciling wind farms with Bonelli's eagle populations using off-site mitigation techniques. 1st Iberian Congress on Wind Energy and Wildlife Conservation. 12 - 14 January 2012. Jerez de la Frontera, Cadiz, Spain.

Bispo, R., Bernardino, J., Palminha, G., Brites, N. (2012). Adjusting the mortality of birds and bats in wind farms for carcass removal: from carcass removal trails to bias factor estimation. 1st Iberian Congress on Wind Energy and Wildlife Conservation. 12 - 14 January 2012. Jerez de la Frontera, Cadiz, Spain.

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Salgueiro, P.A., Costa, H., Rabaça, J.E. (2010). Time means... species! On the performance of species richness estimators and different sampling schemes. 18th International Conference of the European Bird Census Council, EBCC. 22-26 March 2010. Cáceres, Spain.

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Costa, H. (2009). Biodiversity Database for Portugal, Online Atlas of flora and fauna distribution in Portugal and its potential for environmental impact assessment. Module 4 – Information Access. Workshop on Biodiversity Impact Assessment. APAI. 1st June 2009. Lisbon, Portugal.

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Bernardino, J. (2008). Wind energy as an alternative to traditional energy sources: ecological impact assessment. IX Meeting on Nature Conservation and Environmental Education. FAPAS. 12-13 April 2008. Viana do Castelo, Portugal.

Costa, H., Patrício, S., Mascarenhas, M. & Cardoso, P. (2008). Infrastructure development inside the Nature 2000 Network: Is it possible to reconcile a wind farm with a Nature 2000 Site? Seminar on Nature 2000 Network Management. 31st January 2008. Chaves, Portugal.

Ferreira, Maria A., Andrade, F., Bandeira, S., Cardoso, P., Mendes, R. & Paula, A. (2007). Mangroves along the Tanzania/Mozambique transboundary area (TRANSMAP PROJECT): Mapping change (1995-2005) and identifying its drivers. 5th WIOMSA Scientific Symposium. October 2007. Durban, South Africa.

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installed in the Aire and Candeeiros mountains – Portugal. Meeting on birds of the Aire and Candeeiros mountains. 4-5 May 2007. Porto de Mós, Portugal.

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Conference on Impact Assessment – contributes for land planning. Outubro de 2006. Castelo Branco, Portugal.

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Poster presentations at scientific/technical conferences

Salgueiro N.; Mesquita S.; Marques J.; Mascarenhas M.; Ramalho R.; Costa C.; Ferreira M. (2015) Minimizing bat curtailment costs: an approach tailored to your investment. European Wind Energy Conference, November 2015, Paris, France

Pereira, M.J.R., Peste, F., Paula, A., Pereira, P., Bernardino, J., Vieira, J., Bastos, C., Mascarenhas, M., Costa, H. & Fonseca, C. Management of coniferous forests for bats affected by wind farms: Challenges and opportunities for mitigation strategies. Wind energy and Wildlife impacts. 10 - 12 March 2015. Berlin, Germany.

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Bispo, R., Marques, A.T., Soares, M., Costa, H., Mascarenhas, M. & Bernardino, J. (2015). Using bird fatality explanatory variables and conservation status to identify primary target species. Wind energy and Wildlife impacts. 10 - 12 March 2015. Berlin, Germany.

Leandro, S., Marques, D., Mouga, T., Coelho, H., Rodrigues, S., Maranhão, P. 2014. Berlengas Biosphere Reserve - Plan for the Assessment of Ecosystem Services and Functions. International Meeting on Marine Research. 10 - 11 July 2014. Peniche

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Ferreira, R., Zina, H., Marques, A.T., Delgado, A., Venade, D. & Costa, H. 2014. Monitoring of wintering Red Kite (*Milvus Milvus*) in Castro Verde. VIII SPEA's Ornithology Congress. 1 - 4 March 2014, Almada.

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Fonseca, C., Mascarenhas, M., Costa, H., Bernardino, J., Vieira, J., Bastos, C. & Ramos Pereira, M. J. (2013). Wind & Biodiversity: Solutions for Reducing the Impacts of Wind Farms on Bats and Birds. 16th International Bat Research Conference & 43rd North American Symposium on Bat Research. 11 - 15 August 2013. San José, Costa Rica.

Jodas, K., Thomas, J-A., Kadis, R. & Ramalho, R. (2013). Bird communities monitoring in South African wind farms: What is the progress? Conference on Wind power and Environmental impacts. 5-7 February 2013. Stockholm, Sweden.

Jodas, K., Thomas, J-A., Kadis, R., Ramalho, R. & Monteiro, B. (2013). Facing the challenges of monitoring Bats in South Africa. How much effort is needed? Conference on Wind power and Environmental impacts. 5-7 February 2013. Stockholm, Sweden.

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Paula, J., Pereira, P., Bernardino, J., Costa, H. & Mascarenhas, M. (2013). Surprised scavenger. Conference on Wind power and Environmental impacts. 5-7 February 2013. Stockholm, Sweden.

Mascarenhas, M., Costa, H., Bernardino, J., Vieira, J., Bastos, C., Pereira, M. J. & Fonseca, C. (2012). Wind & Biodiversity R&D project: integrated solutions for managing biodiversity in Wind Farms. NWCC Wind Wildlife Research Meeting IX. 27-30 November 2012. Denver, Colorado, USA.

Santos, J., Marques, A.T., Paula, A., Mascarenhas, M. & Costa, H. (2012) Implementation of compensation and offset measures for large birds of prey. Wind Wildlife Research Meeting IX. 27-30 November 2012. Denver, Colorado, USA.

Monteiro, B., Ferreira, R., Santos, J., Marques, A.T., Mascarenhas, M. & Costa, H. (2012). Variation in bat activity in Portuguese uplands: effects of wind speed, temperature and moonlight in different biotopes. Wind Wildlife Research Meeting IX. 27-30 November 2012. Denver, Colorado, USA.

Paula, J., Pereira, P., Bernardino, J., Costa, H. & Mascarenhas, M. (2012). "Catch you scavenger!", camera trapping of carcass removal by scavengers at two Portuguese wind farms. Wind Wildlife Research Meeting IX. 27-30 November 2012. Denver, Colorado, USA.

Jodas, K., Thomas, J-A., Kadis, R. & Monteiro, B. (2012). First approach on pre-construction bat monitoring at 5 South African Wind Farms: initial results and potential issues at regional level. Wind Wildlife Research Meeting IX. 27-30 November 2012. Denver, Colorado, USA.

Coelho, H., Ferreira, R., Rodrigues, S., De Silva, R., Pendlebury, C., Walls, R., Mascarenhas, M. & Costa, H. (2012). Guidelines for offshore renewables in the Portuguese Pilot Zone based on a pre-construction assessment. Wind Wildlife Research Meeting IX. 27-30 November 2012. Denver, Colorado, USA.

Faneca, C., Correia, R., Vieira, J., Bastos, C., Fonseca, C., Pereira, M.J., Mascarenhas, M., Costa, H. & Bernardino, J. 2012. 3D reconstruction of bat trajectories from stereo vision. 18th Portuguese Conference on Pattern Recognition. 26th October 2012. Coimbra, Portugal.

Cordeiro, A., Mascarenhas, M. & Costa, H. (2012). Long term survey of wind farms impacts on Common Kestrel's populations and definition of an appropriate mitigation plan. Wind Wildlife Research Meeting IX. 27-30 November 2012. Denver, Colorado, USA.

Coelho, H., De Silva, R., Ferreira, R., Rodrigues, S., Pendlebury, C., Walls, R., Mascarenhas, M., Costa, H. (2012) Portuguese offshore renewables Pilot Zone – producing environmental guidelines for development. 4th International Conference on Ocean Energy 2012. 17-19th October, Dublin, Ireland.

Passos, I., Mesquita, S., Silva, M.J., Silva, M. R., Bernardino, J., Costa, H. & Mascarenhas, M. (2012). Following aliens in Portuguese wind farms. 7th European Conference on Biological Invasions. 12-14 September 2012. Pontevedra, Spain.

Passos, I., Silva, M.J., Silva, M. R., Costa, H. & Mascarenhas, M. (2012). Human project impacts on vegetation: coping with

alien plants. 7th European Conference on Biological Invasions. 12-14 September 2012. Pontevedra, Spain.

Mascarenhas, M., Costa, H., Bernardino, J., Vieira, J., Bastos, C., Pereira, M. J., & Fonseca, C. (2012). The Wind & Biodiversity project. 32nd Annual Conference of the International Association for Impact Assessment. 27 May – 1 June 2012. Porto, Portugal.

Bernardino, J., Zina, H., Passos, I., Costa, H., Pereira, M. J., Fonseca, C. & Mascarenhas, M. (2012). Bird and bat mortality at Portuguese wind farms. 32nd Annual Conference of the International Association for Impact Assessment. 27 May – 1 June 2012. Porto, Portugal.

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Ferreira, A. C., Paula, A., Marques, A.T., Costa, H., Mascarenhas, M. & Fonseca, C. (2011). Is photo trapping an appropriate method for assessing the permeability of a motorway? X Congress of the Spanish Society for the Conservation and Study of Mammals. 3-6 December 2011. Fuengirola, Malaga, Spain.

Ferrão da Costa, G., Costa, H., Fonseca, C., Petrucci-Fonseca, F. & Mascarenhas, M. (2011). Wind farm impacts on wolf populations: The Portuguese experience and future perspectives. Conference on Wind Energy and Wildlife Impacts. 2-5 May 2011. Trondheim, Norway.

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Palminha, G., Costa, H. & Mascarenhas, M. (2011). Biodiversity Tracking System v2.0: an automated web tool for biodiversity surveying. Conference on Wind energy and Wildlife impacts. 2-5 May 2011. Trondheim, Norway.

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