



Εδώ Ζούμε  
Natura 2000

LIFE-IP 4 NATURA

*LIFE16 IPE/GR/000002*

*Integrated Actions for the Conservation and Management of NATURA 2000 Sites,  
Species, Habitats and Ecosystems in Greece*

03.11.2021





LIFE-IP 4 NATURA  
LIFE16 IPE/GR/000002



Εδώ Ζούμε  
Natura 2000

Project Duration  
8  
Years

12/2017 – 12/2025

**Consortium  
12**

**Beneficiaries**

Coordinating beneficiary: Ministry of  
Environment and Energy (MEEN)

Associated beneficiaries: University of Patras  
(UPAT), Democritus University of Thrace  
(DUTH), World Wide Fund for Nature - GRECE  
(WWF Greece), Hellenic Ornithological Society  
(HOS), Region of Crete (CRETE), Region of  
East Macedonia and Thrace (REMTH), Region  
of Attica (RoA), D. Administration of Epirus  
and Western Macedonia (APDHP-DM), Green  
Fund (GRFU), Aristotle University of  
Thessaloniki (AUTH), Natural Environment and  
Climate Change Agency (NECCA)

**Total Budget: 17,000,000 €**

EC contribution: 10,200,000 €

Green Fund contribution: 4,000,000 €  
&  
National contribution: 2,800,000 €



ΥΠΟΥΡΓΕΙΟ  
ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
& ΕΝΕΡΓΕΙΑΣ





**Εδώ Ζούμε**  
Natura 2000

## Structure and objective - LIFE-IP 4 NATURA

It constitutes the first centrally coordinated initiative to implement the Greek PAF on a national regional and local scale.

LIFE-IP 4 NATURA aims at:

- **improving the conservation status of species and habitats of Community Interest;**
- **implementing an integrated approach for the management of the Natura 2000 network;**
- **building capacities of the competent authorities in support of the implementation of EU nature legislation;**
- **actively involving stakeholders in the conservation and management of Natura 2000 sites;**
- **raising awareness among Greek citizens of the Natura 2000 network and its significance;**
- **promoting citizen participation and adoption of positive attitudes towards the Natura 2000 sites;**
- **and supporting the mobilization of complementary funds to meet the objectives of the Nature Directives in Greece.**

**☐ 20 actions**

**☐ Phases: 4  
(2-year duration)**





**Εδώ ζούμε**  
Natura 2000



## **Action A.1: Development and legal adoption of Action Plans (APs) for species and habitats of Community Interest**

**RB: Ministry of Environment and Energy**

©Αλέξης Αλεξανδρής



ΥΠΟΥΡΓΕΙΟ  
ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
& ΕΝΕΡΓΕΙΑΣ



ΑΡΙΣΤΟΤΕΛΕΙΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΘΕΣΣΑΛΟΝΙΚΗΣ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΠΕΡΙΦΕΡΕΙΑ ΚΡΗΤΗΣ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΠΕΡΙΦΕΡΕΙΑ ΑΤΤΙΚΗΣ





**Εδώ Ζούμε**  
Natura 2000

- **AP Specifications - 09/11/2020, Legal approval**
- **Selection of species/habitats for the development of APs**
  - feedback from scientific community
  - Scientific Advisory Committee
- **Local workshops – public consultation – virtual meetings**

### 12 APs (7 legally adopted) – 18 species

GROUP OF SPECIES	SPECIES SELECTED
FISH	<i>*Ladigesocypris ghigii</i> Trouts Multispecies Action Plan ( <i>Salmo lourosensis</i> , <i>Salmo macedonicus</i> , <i>Salmo farioides</i> , <i>Salmo pelagonicus</i> , <i>Salmo peristericus</i> )
MAMMALS	<i>Ursus arctos</i> <i>Rupicapra rupicapra balcanica</i>
BIRDS	Vultures Multispecies Action Plan ( <i>Gyps fulvus</i> , <i>Gypaetus barbatus</i> , <i>Aegypius monachus</i> )
HABITATS	2250* - Coastal dunes with <i>Juniperus</i> spp.
FLORA	<i>*Silene holzmannii</i>
AMPHIBIANS/REPTILES	<i>Caretta caretta</i> <i>Pelophylax cerigensis</i>
INVERTEBRATES	<i>Parnassius apollo</i>
CETACEANS	<i>Phocoena phocoena</i> <i>Tursiops truncatus</i>
MARINE MAMMALS	<i>*Monachus monachus</i>





**Εδώ Ζούμε**  
Natura 2000

## **Action C.1: Field implementation of the Action Plans (APs) for species and habitats**

**RB: Ministry of Environment and Energy**  
**Hellenic Ornithological Society**



©Μπάμπης Γκιριτζιώτης



ΥΠΟΥΡΓΕΙΟ  
ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
& ΕΝΕΡΓΕΙΑΣ



ΑΡΙΣΤΟΤΕΛΕΙΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΘΕΣΣΑΛΟΝΙΚΗΣ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΠΕΡΙΦΕΡΕΙΑ ΚΡΗΤΗΣ



ΠΕΡΙΦΕΡΕΙΑ  
ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ ΚΑΙ ΘΡΑΚΗΣ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΠΕΡΙΦΕΡΕΙΑ ΑΤΤΙΚΗΣ



Ο.Φ.Π.Ε.Κ.  
ΟΡΓΑΝΙΣΜΟΣ ΠΡΟΣΤΑΣΙΑΣ ΤΟΥ ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
ΚΑΙ ΤΗΣ ΒΙΩΣΙΜΗΣ ΑΝΑΓΕΝΝΗΣΗΣ





**Εδώ Ζούμε**  
Natura 2000

## Preparatory Actions

- **Population monitoring**
- **Distant monitoring - Telemetry**
- **Data management**
- **Engagement with local authorities**

## Vultures with satellite trackers

**K87**



**18-19.10.2020**

## Actions already under implementation related to conservation of vulture populations

- **Poisoned baits management**
- **Wind farms siting**

## Complementary Actions

- **Feeding stations siting and standards**





**Εδώ Ζούμε**  
Natura 2000

## Action A.3: Mapping and Assessment of Ecosystems and their Services (MAES)

RB: University of Patras

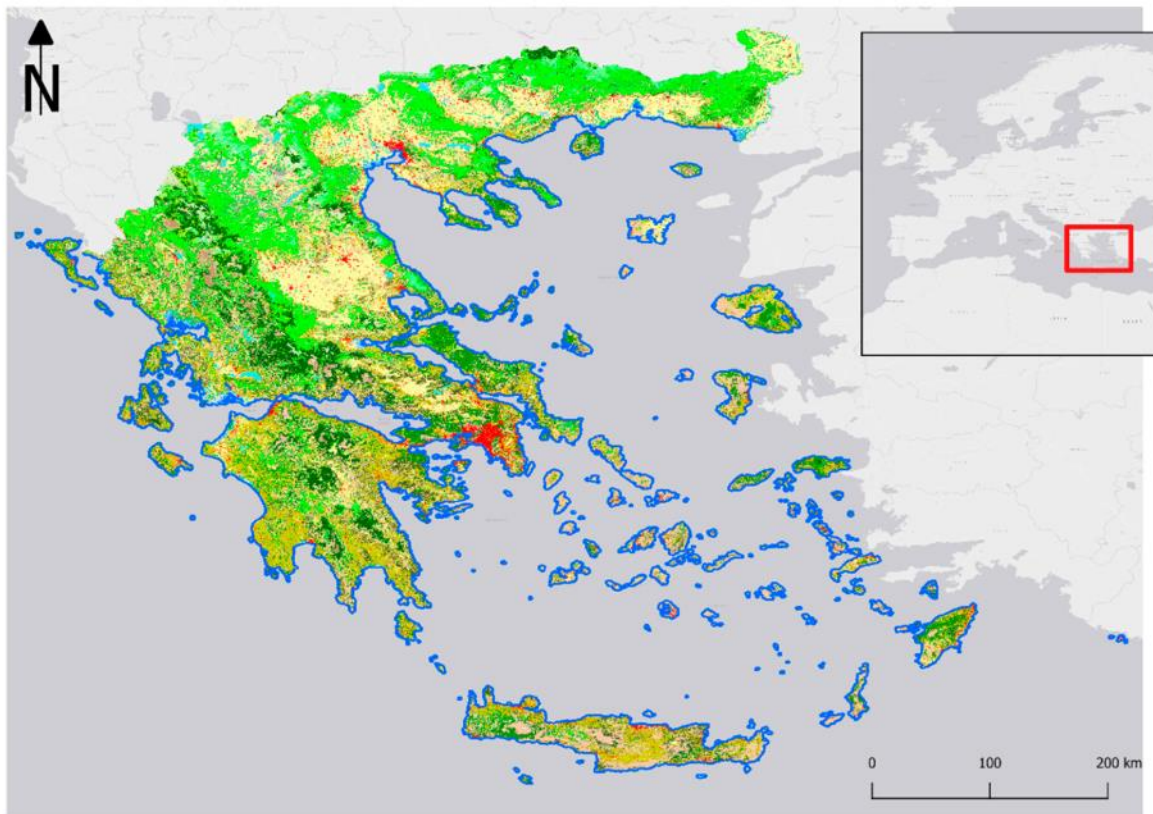


©Βασίλειος Πέππας





# Ecosystem type map of Greece (MAES level 3)



## Legend

- |   |  |  |
|---|--|--|
| <span style="color: red;">■</span> Dense to medium dense Urban Fabric (IM.D. 30-100%) 1.1.1           | <span style="color: green;">■</span> Temperate mountainous coniferous forests 3.3.1      | <span style="color: brown;">■</span> Sparsely vegetated areas 6.1.1                                      |
| <span style="color: pink;">■</span> Low density Urban Fabric (IM.D. 0-30%) 1.1.2                      | <span style="color: darkgreen;">■</span> Mediterranean coniferous forests 3.3.2          | <span style="color: lightgrey;">■</span> Beaches, dunes, sands 6.2.1                                     |
| <span style="color: yellow;">■</span> Arable land 2.1.1   | <span style="color: darkolivegreen;">■</span> Mediterranean sclerophyllous forests 3.4.1 | <span style="color: grey;">■</span> Bare rocks, burnt areas, mines, dump, land without current use 6.3.1 |
| <span style="color: orange;">■</span> Permanent crops 2.2.1   | <span style="color: limegreen;">■</span> Mixed Forest 3.5.1                              | <span style="color: lightblue;">■</span> Inland freshwater and saline marshes 7.1.1                      |
| <span style="color: lightgreen;">■</span> Temperate deciduous forests 3.1.1                           | <span style="color: palegreen;">■</span> Grasslands 4.1.1                                | <span style="color: darkblue;">■</span> Peat bogs 7.2.1  |
| <span style="color: brightgreen;">■</span> Mediterranean deciduous forests 3.1.2                      | <span style="color: peachpuff;">■</span> Moors and heathland 5.1.1                       | <span style="color: blue;">■</span> Marine 7.3.1   |
| <span style="color: forestgreen;">■</span> Floodplain forests (Riparian forest/ Fluvial forest) 3.2.1 | <span style="color: gold;">■</span> Sclerophyllous vegetation 5.2.1                      | <span style="color: cyan;">■</span> Rivers and Lakes 8.1.1   |



## National Scale Land Cover Classification for Ecosystem Services Mapping and Assessment, Using Multitemporal Copernicus EO Data and Google Earth Engine

Natalia Verde <sup>1,2,3</sup>, Ioannis P. Kokkoris <sup>1,2</sup>, Charalampos Georgiadis <sup>1</sup>, Dimitris Kaimaris <sup>1</sup>, Panayiotis Dimopoulos <sup>3,4</sup>, Ioannis Mitsopoulos <sup>4</sup> and Giorgos Mallinis <sup>1,2,\*</sup>

<sup>1</sup> School of Rural and Surveying Engineering, Laboratory of Photogrammetry and Remote Sensing Unit (PERS lab), The Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece; nverde@auth.gr (N.V.); harrisis@auth.gr (C.G.); kaimaris@auth.gr (D.K.)

<sup>2</sup> Forest Remote Sensing and Geospatial Analysis Laboratory, Democritus University of Thrace, 69020 Xanthi, Greece

<sup>3</sup> Department of Biology, Laboratory of Botany, University of Patras, 26504 Patras, Greece; ipkokkoris@upatras.gr (I.P.K.); pdimitris@upatras.gr (P.D.)

<sup>4</sup> Ministry of Environment & Energy, Directorate of Biodiversity and Natural Environment Management, 11526 Athens, Greece; i.mitsopoulos@yppe.gr

\* Correspondence: gmallinis@auth.gr; Tel.: +302103496085

Received: 6 September 2020; Accepted: 7 October 2020; Published: 11 October 2020



**Abstract:** Land-Use/Land-Cover (LULC) products are a common source of information and a key input for spatially explicit models of ecosystem service (ES) supply and demand. Global, continental, and regional, readily available, and free land-cover products generated through Earth Observation (EO) data, can be potentially used as relevant to ES mapping and assessment processes from regional to national scales. However, several limitations exist in these products, highlighting the need for timely land-cover extraction on demand, that could replace or complement existing products. This study focuses on the development of a classification workflow for fine-scale, object-based land cover mapping, employed on terrestrial ES mapping, within the Greek terrestrial territory. The processing was implemented in the Google Earth Engine cloud computing environment using 10 m spatial resolution Sentinel-1 and Sentinel-2 data. Furthermore, the relevance of different training data extraction strategies and temporal EO information for increasing the classification accuracy was also evaluated. The different classification schemes demonstrated differences in overall accuracy ranging from 0.88% to 4.94% with the most accurate classification scheme being the manual sampling/monthly feature classification achieving a 79.55% overall accuracy. The classification results suggest that existing LULC data must be cautiously considered for automated extraction of training samples, in the case of new supervised land cover classifications aiming also to discern complex vegetation classes. The code used in this study is available on GitHub and runs on the Google Earth Engine web platform.

**Keywords:** remote sensing; seasonal; Random Forests; OBIA; machine learning; big data; multispectral; radar; GEE; object

## 1. Introduction

Information on the spatial explicit distribution of ecosystem services (ES) is important for their conservation and management, policy design, implementation and monitoring, fulfillment of reporting

*Remote Sens.* **2020**, *12*, 1305; doi:10.3390/rs12101305

www.mdpi.com/journal/remotesensing



Εδώ Ζούμε  
Natura 2000



- Ecosystem types' condition map of Greece inside Natura 2000 SACs (scale 1:5,000)
- Ecosystem types' condition map of Greece outside Natura 2000 SACs (scale 1:50,000)
- Provisioning services' map of Greece
- Regulating and Maintenance services map of Greece
- Cultural services map of Greece
- Report on Integrated Natural Capital Accounting for Greece

SAVE THE DATE  
4th ESP Europe Conference  
Heraklion, Crete, Greece  
10-14 October 2022

<https://www.espconference.org/europe22>





Εδώ Ζούμε  
Natura 2000



## Action C.6: Implementing Mapping and Assessment of Ecosystem Services (MAES) at pilot studies

RB: University of Patras

©Βασίλειος Πέππας



ΥΠΟΥΡΓΕΙΟ  
ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
& ΕΝΕΡΓΕΙΑΣ



ΔΙΔΑΚΤΗΡΙΟ ΠΑΤΡΑΣ  
UNIVERSITY OF PATRAS



ΑΡΙΣΤΟΤΕΛΕΙΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΘΕΣΣΑΛΟΝΙΚΗΣ



Ορνιθολογική  
ΕΛΛΗΝΙΚΗ ΟΡΝΙΘΟΛΟΓΙΚΗ ΕΤΑΙΡΕΙΑ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΠΕΡΙΦΕΡΕΙΑ ΚΡΗΤΗΣ



ΠΕΡΙΦΕΡΕΙΑ  
ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ ΚΑΙ ΘΡΑΚΗΣ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΠΕΡΙΦΕΡΕΙΑ ΑΤΤΙΚΗΣ



ΑΠΟΚΕΝΤΡΩΜΕΝΗ ΔΙΟΙΚΗΣΗ  
ΗΡΑΚΛΕΙΟ - ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ



ΓΡΑΣΙΝΟ ΤΑΜΕΙΟ



Ο.Φ.Π.Ε.Κ.Α.  
ΟΡΓΑΝΙΣΜΟΣ ΓΕΩΡΓΙΑΣ, ΤΡΑΠΕΖΑ  
ΚΑΙ ΠΡΟΤΕΚΤΟΝ



**Εδώ Ζούμε**  
Natura 2000

## Action CA.1: Main Complementary Action of the project

### Special Environmental Studies and Management Plans for Natura 2000 sites



## Action C.2: Pilot implementation of selected NATURA 2000 sites Management Plans (MPs) in four Greek Regions

### RB: Ministry of Environment and Energy

© Βασίλης Αγοραστός



ΥΠΟΥΡΓΕΙΟ  
ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
& ΕΝΕΡΓΕΙΑΣ



ΑΡΙΣΤΟΤΕΛΕΙΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΘΕΣΣΑΛΟΝΙΚΗΣ



Ορνιθολογική  
ΕΛΛΗΝΙΚΗ ΟΡΝΙΘΟΛΟΓΙΚΗ ΕΤΑΙΡΕΙΑ



ΠΕΡΙΦΕΡΕΙΑ  
ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ ΚΑΙ ΘΡΑΚΗΣ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΠΕΡΙΦΕΡΕΙΑ ΑΤΤΙΚΗΣ

ΑΠΟΚΕΝΤΡΩΜΕΝΗ ΔΙΟΙΚΗΣΗ  
Ηρακλίου - Ανατολικής Μακεδονίας







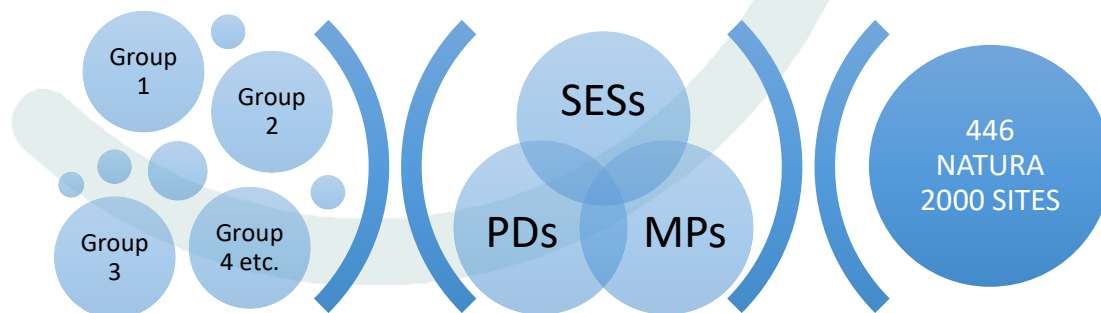
Εδώ ζούμε  
Natura 2000

## Complementary Action

### Assembly of Special Environmental Studies and Management Plans for Natura 2000 sites in Greece (National Operational Plan “Transport, Infrastructure, Environment and Sustainable Development”)

- **Special Environmental Studies (SEs), Presidential Decrees (PDs) and Management Plans (MPs) that will cover all Natura 2000 sites (SCI-SACs and SPAs) in Greece.**
- **The SEs consist of**
  - **background information (general data, ecological and socio-economic information, spatial planning, protection objectives etc.)**
  - **and proposal of management activities (management objectives and proposed measures).**
- **The PDs set out, regulate and define the conservation terms and the measures required for a coherent management of the Natura 2000 sites.**
- **The MPs list all necessary management activities that have to be implemented in order to achieve the conservation objectives of each Natura 2000 site.**

**11 Beneficiaries / 23 groups of areas  
+ 1 Coordinator**

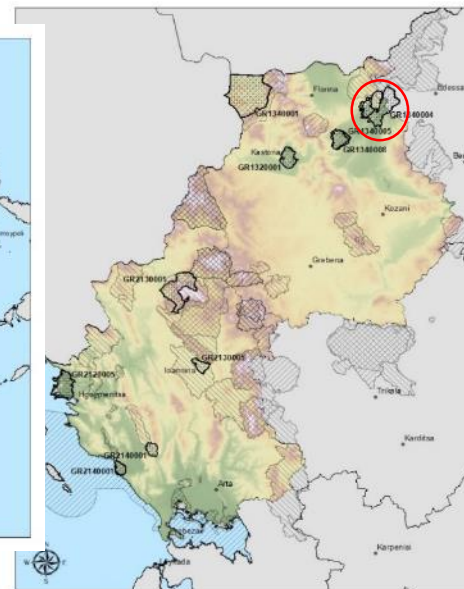




**Εδώ ζούμε**  
Natura 2000

## Sub-Action C.2.1 Selection of the pilot Natura 2000 sites

**CRETE, REMTH, RoA and APDHP-DM**  
**May – June 2021 - 4 workshops (one in each region)**



## Selected Natura 2000 sites for MPs pilot implementation





**Εδώ Ζούμε**  
Natura 2000

## **Action A.2: Streamlining, ensuring compatibility and optimizing the specifications of all existing species and habitat monitoring data of the Natura 2000 network at national level**

**RB: Ministry of Environment and Energy**



## **Action C.3: Development and Operation of a Decision Support System (DSS) for NATURA 2000 site management**

**RB: Aristotle University of Thessaloniki**





**Εδώ Ζούμε**  
Natura 2000

DSS data



**NATURA 2000**

**HABITATS**

**IMPACTS**

**Art.12 critical habitats**

**Art17. habitats distribution**

**Art.17 habitats range**

**Art.17 species distribution**

**Art.17 species range**

**Art.12 birds distribution sensitive**

**Art.12 birds range not sensitive**

**Art.12 birds range sensitive**

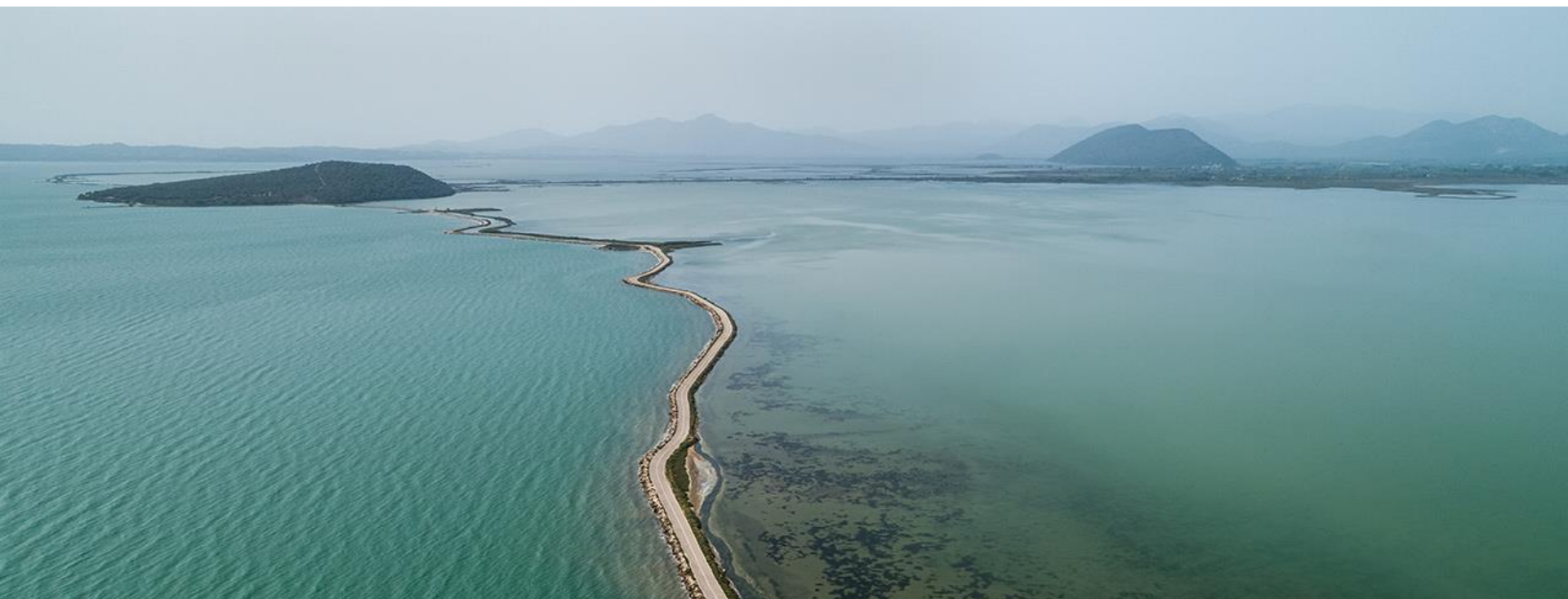
**Art.12 birds distribution not sensitive**







Εδώ ζούμε  
Natura 2000



## Action C.4 Creation of an interactive and interoperable Public Participation Geographic Information System (ppGIS)/webGIS for ecosystem services visualization and monitoring

RB: Aristotle University of Thessaloniki

©Βασίλειος Πέππας



ΥΠΟΥΡΓΕΙΟ  
ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
& ΕΝΕΡΓΕΙΑΣ



ΑΡΙΣΤΟΤΕΛΕΙΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΘΕΣΣΑΛΟΝΙΚΗΣ



ΠΕΡΙΦΕΡΕΙΑ  
ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ ΚΑΙ ΘΡΑΚΗΣ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΠΕΡΙΦΕΡΕΙΑ ΑΤΤΙΚΗΣ





**Εδώ Ζούμε**  
Natura 2000

# Public Participation Geographic Information System (ppGIS)/webGIS

## Overall concept

- ✓ **Maps presenting ES indicators**
- ✓ **Dashboard with statistics related to the indicators**
- ✓ **Wiki on Ecosystem Services**
- ✓ **Story maps over pilot areas for ES**
- ✓ **Mobile app for uploading information on ES status and Pressures in order to enable public participation nationwide**
- ✓ **Geoprocessing tools for mapping Cultural Ecosystem Services**
- ✓ **Geoprocessing tools for updating selected ES**
- ✓ **Interface to access tools**





**Εδώ ζούμε**  
Natura 2000

## Action A.4: Stakeholder mapping and analysis

RB: WWF Greece

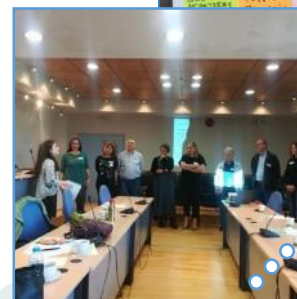
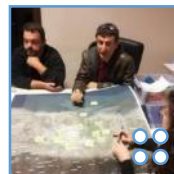


## Action C.5: Stakeholder Capacity Building

RB: WWF Greece

©Σπύρος Γιολλάσης









**Εδώ Ζούμε**  
Natura 2000

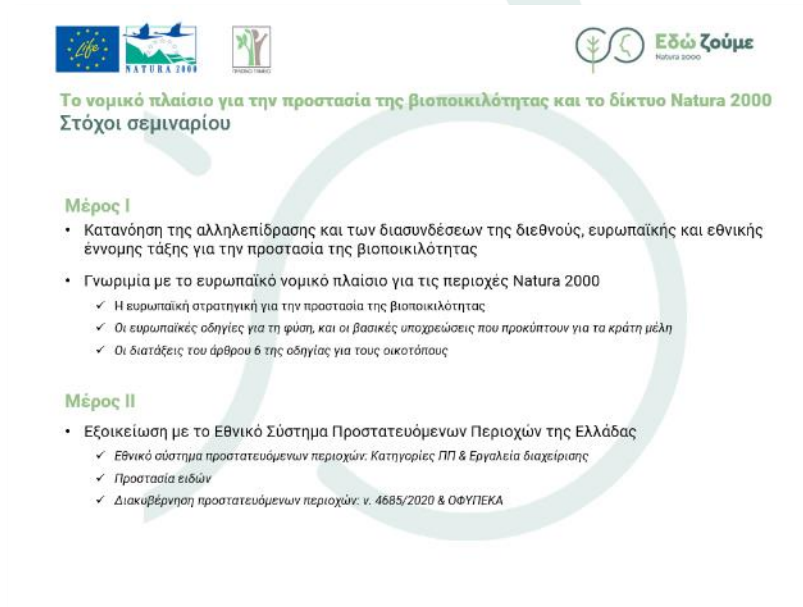
## Launch of capacity building in 4 regions – live sessions to be COVID-proof (webinars)

### Webinars



**Το νομικό πλαίσιο για την προστασία της βιοποικιλότητας και τις περιοχές Natura 2000**

Διαδίκτυακό σεμινάριο στο πλαίσιο του έργου LIFE-IP 4 NATURA  
30 Ιουνίου 2021



**Το νομικό πλαίσιο για την προστασία της βιοποικιλότητας και το δίκτυο Natura 2000**  
Στόχοι σεμιναρίου

**Μέρος I**

- Κατανόηση της αλληλεπίδρασης και των διασυνδέσεων της διεθνούς, ευρωπαϊκής και εθνικής έννομης τάξης για την προστασία της βιοποικιλότητας
- Γνωριμία με το ευρωπαϊκό νομικό πλαίσιο για τις περιοχές Natura 2000
  - ✓ Η ευρωπαϊκή στρατηγική για την προστασία της βιοποικιλότητας
  - ✓ Οι ευρωπαϊκές οδηγίες για τη φύση, και οι βασικές υποχρεώσεις που προκύπτουν για τα κράτη μέλη
  - ✓ Οι διατάξεις του άρθρου 6 της οδηγίας για τους οικοτόπους

**Μέρος II**

- Εξοικείωση με το Εθνικό Σύστημα Προστατευόμενων Περιοχών της Ελλάδας
  - ✓ Εθνικό σύστημα προστατευόμενων περιοχών. Κατηγορίες ΠΠ & Εργαλεία διαχείρισης
  - ✓ Προστασία ειδών
  - ✓ Διακυβέρνηση προστατευόμενων περιοχών: ν. 4685/2020 & ΟΦΥΓΕΚΑ



**Εδώ ζούμε**  
e-learning



**Εδώ ζούμε**  
Natura 2000

[ΑΡΧΙΚΗ](#)

[ΣΧΕΤΙΚΑ ΜΕ](#)

[ΣΥΧΝΕΣ ΕΡΩΤΗΣΕΙΣ](#)

[ΕΠΙΚΟΙΝΩΝΙΑ](#)

[ΣΥΝΔΕΣΗ / ΕΓΓΡΑΦΗ](#)

[ΕΠΙΣΤΡΟΦΗ ΣΤΟ ΕΔΩ ΖΟΥΜΕ](#)



**Εδώ ζούμε**  
Natura 2000

## e-learning

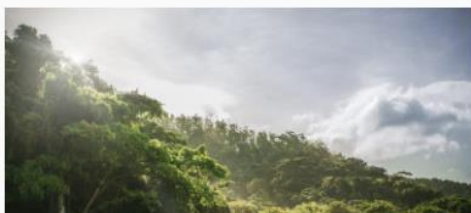
...μία εκπαιδευτική ηλεκτρονική πλατφόρμα που στοχεύει στη βελτίωση της κατανόησης του θεωρητικού και θεσμικού πλαισίου, αλλά και πρακτικών θεμάτων εφαρμογής και διαχείρισης των περιοχών Natura 2000 της Ελλάδας

[Ξεκίνα την εκπαίδευση](#)



## τα μαθήματά μας

Ενδεικτικά παρουσιάζονται κάποια από τα μαθήματα της πλατφόρμας.







Εδώ Ζούμε  
Natura 2000



## Action C.7: Establishment of conservation objectives for SACs and SPAs

RB: Ministry of Environment and Energy

©Νίκος Γουργιώτης



ΥΠΟΥΡΓΕΙΟ  
ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
& ΕΝΕΡΓΕΙΑΣ



ΑΡΙΣΤΟΤΕΛΕΙΟ  
ΠΑΝΕΠΙΣΤΗΜΙΟ  
ΘΕΣΣΑΛΟΝΙΚΗΣ

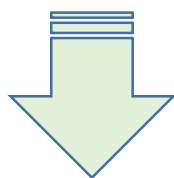




**Εδω Ζούμε**  
Natura 2000

## Action C.7: Establishment of conservation objectives for SACs and SPAs

**COs** → **'Monitoring and assessment of the conservation status of species and habitat types of Community Interest in Greece' (MEEN, 2012-2015)**



- **lack of field/baseline data in various species**
- **limited time of field work**

**LIFE-IP 4 NATURA new action C.7 : evaluation, review and update the COs**



- **new information and data on the status of habitats and species of community importance**
- **expert opinion**
- **Natura 2000 Committee (April 2018) revision**
- **DG Environment communication**

**Legislation of Conservation Objectives for species and habitat types of community importance at **national level**, SAC level, for bird species at SPA level**



**ΦΕΚ Β 1375/07.04.2021**

**ΦΕΚ Β 1915/13.05.2020**



**National Monitoring Programme 2023**





Εδώ Ζούμε  
Natura 2000

## Action D.1: Monitoring of the project's contribution to the implementation of the Greek Prioritised Action Framework (PAF) 2014-2020, the overall progress of the Greek PAF 2014-2020, the drafting/revision of the Greek PAF 2021-2027 and the success of the capacity building actions

RB: Green Fund



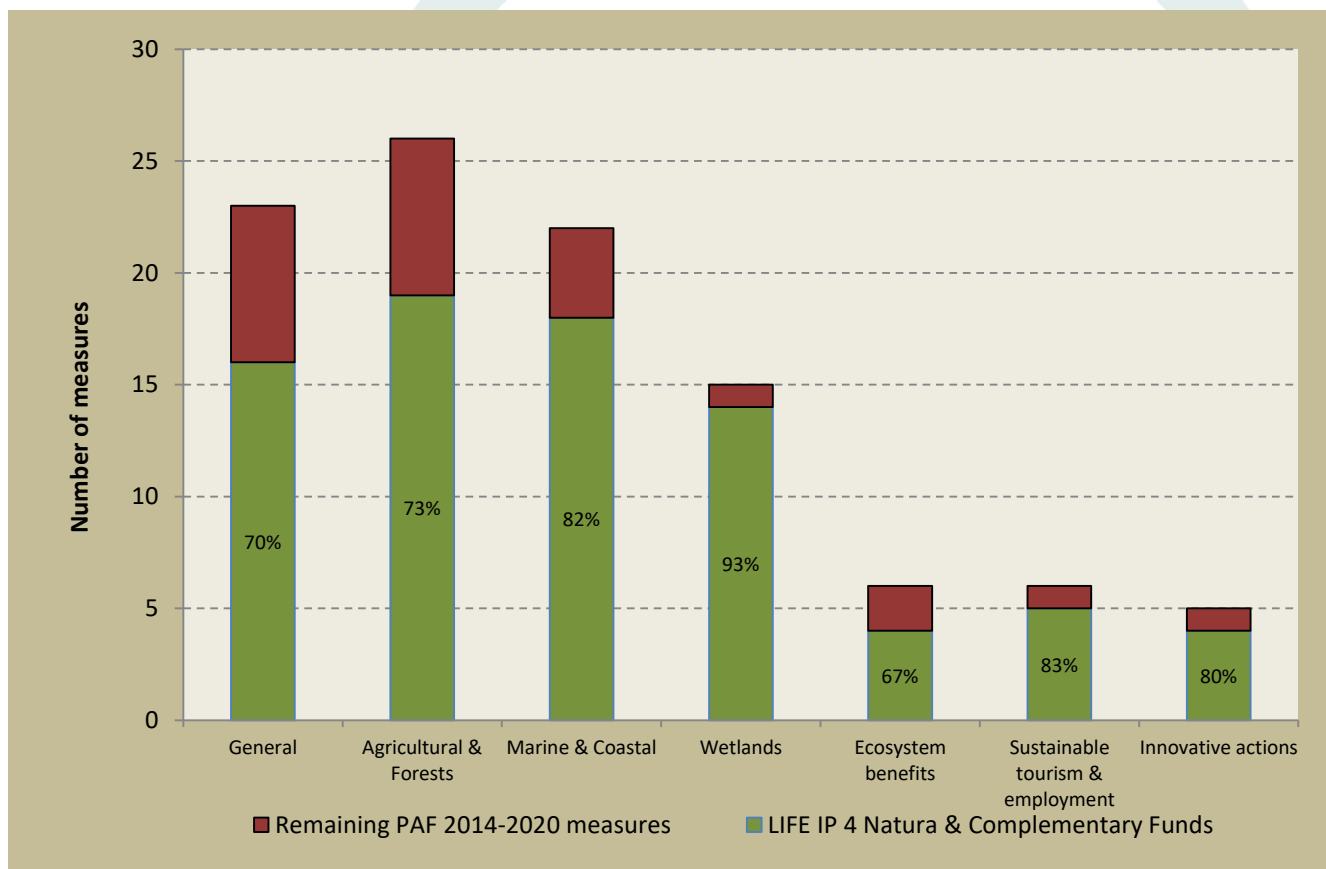
©Πέτρος Λυμπερόπουλος





Εδώ Ζούμε  
Natura 2000

## *LIFE IP 4 NATURA actions and complementary funding projects linked to PAF 2014-2020 measures*



**Project actions & Complementary actions have been linked to 80 PAF measures.**



## Prioritized Action Framework for N2K areas 2021-2027



### Priority financing needs 2021-2027

	Annual running costs (Euros / year)	One-off / project costs (Euros / year)
Horizontal measures and administrative costs related to Natura 2000	6.056.797 €	8.508.087 €
Natura 2000 site-related maintenance and restoration measures for species and habitats	84.250.499 €	10.920.715 €
Additional "Green infrastructure" measures beyond Natura 2000 (further improving coherence of the Natura 2000 network, including in a cross-border context)	16.776.571 €	2.024.565 €
Additional species-specific measures not related to specific ecosystems or habitats	16.769.543 €	3.199.468 €
<b>Annual total</b>	<b>123.853.410 €</b>	<b>24.652.835 €</b>
<b>Total (2021-2027)</b>		<b>1.039.543.715 €</b>

### Examples of measures for Agroecosystems (incl. croplands, excl. grasslands)

- ☐ Management actions aimed at increasing agricultural biodiversity for the improvement / conservation of bird species (e.g. unharvested production, special crops)
- ☐ Agri-environmental measures in crops in Natura areas with rivers and lakes (400 euros / ha / year)
- ☐ Installation and maintenance of agroforestry structures (10,000 euros / ha)

<https://edozoume.gr/plaisio-draseon-proteraiotitas-2021-2027/>

[https://ypen.gov.gr/wp-content/uploads/2021/04/PAF-EL\\_FINAL.pdf](https://ypen.gov.gr/wp-content/uploads/2021/04/PAF-EL_FINAL.pdf)



**Εδώ ζούμε**  
Natura 2000

## Action F.2: Coordination of Complementary Funds

**RB: Green Fund**

©Πέτρος Λυμπερόπουλος



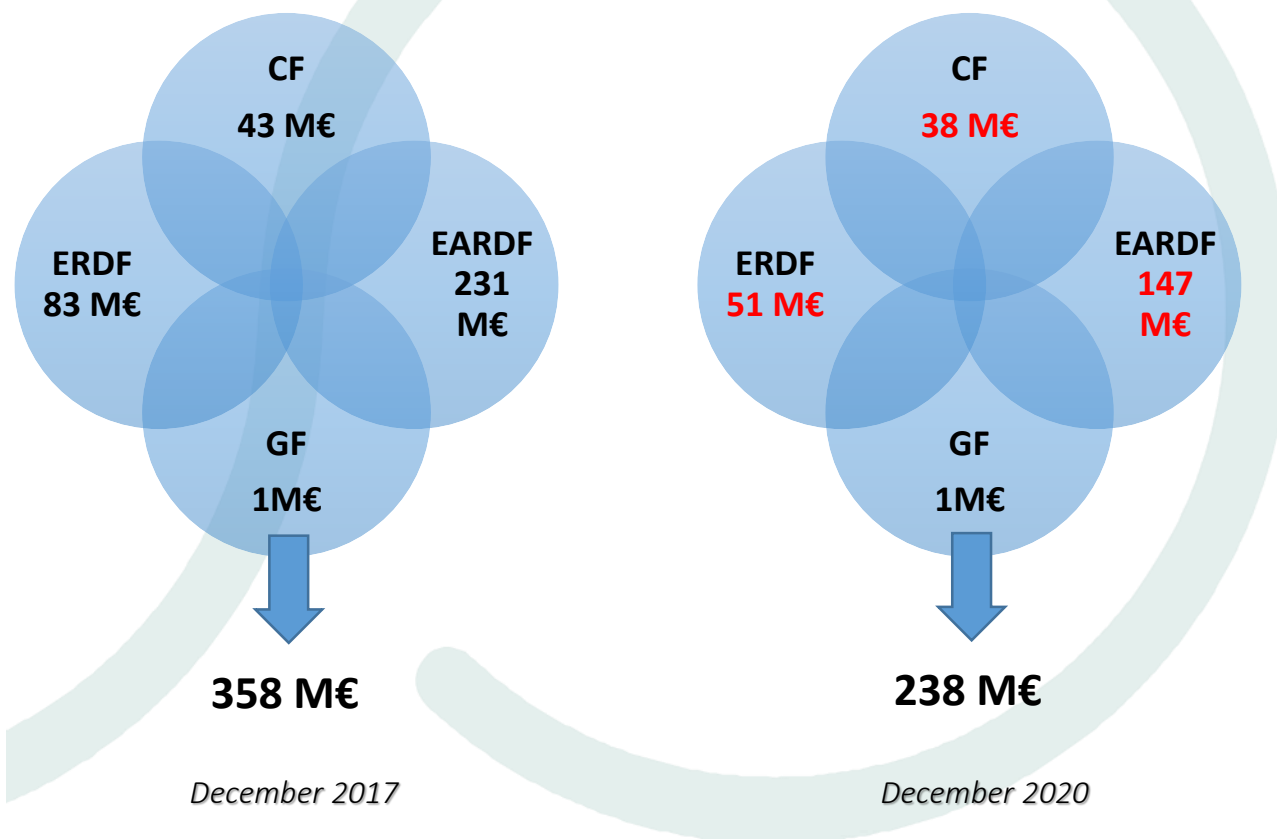
ΥΠΟΥΡΓΕΙΟ  
ΠΕΡΙΒΑΛΛΟΝΤΟΣ  
& ΕΝΕΡΓΕΙΑΣ





ΕΔΩ Ζούμε  
Natura 2000

***Complementary funds have been identified from the Structural Funds through investment priority δiii/6d or similar from CF and ERDF, through Measures 7, 10, 11 and 12 from EARDF and a project funded for MEEN from the Green Fund.***







**Εδώ Ζούμε**  
Natura 2000

# Complementary Funds

## Funds:

1. **Cohesion Fund**
2. **European Regional Development Fund**
3. **European Agricultural Fund for Rural Development**
4. **Green Fund** (National)

investment priority 6iii/6d: Protecting and restoring biodiversity and soil and promoting ecosystem services, including through Natura 2000, and green infrastructure

→ Measures directly benefiting N2K areas



## Actions:

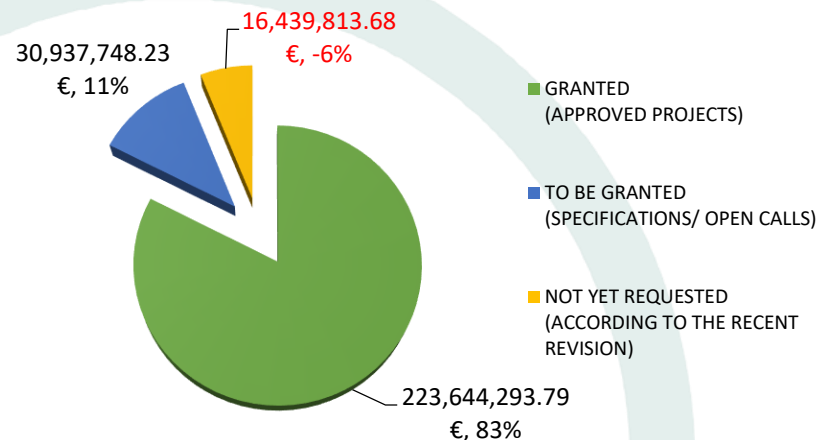
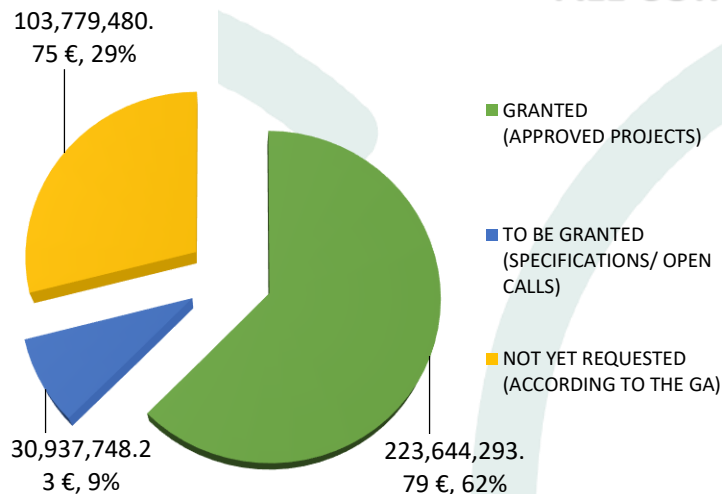
1. **Monitoring of the progress (approved projects, spending, etc.)**
2. **Meeting with relevant authorities for the coordination of activities**
3. **Participation in the design of the Programme 'Environment - Energy - Climate Change' 2021-2027 (CF&ERDF) and the Strategic Planning for the Common Agricultural Policy 2021-2027**
4. **Collection of data, reports and deliverables of approved projects**

**→ Monitoring of 84 approved projects/measures**

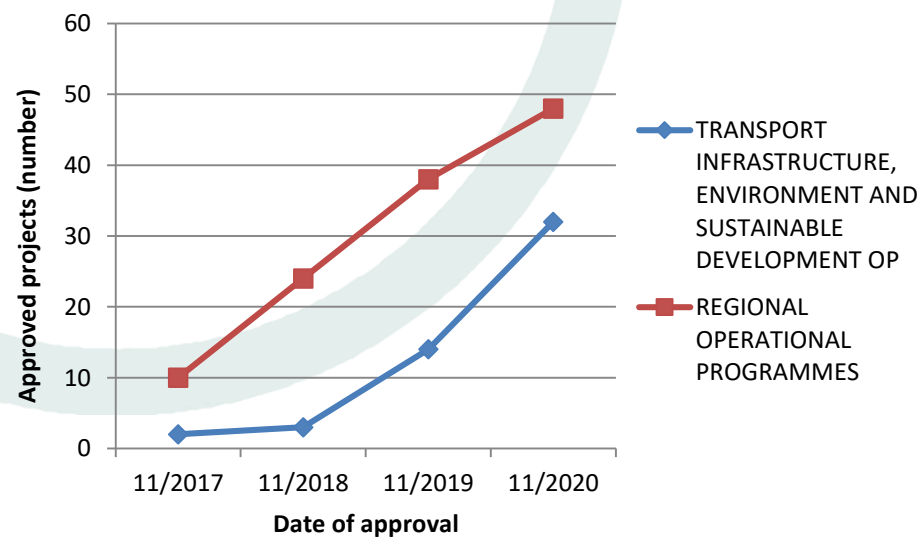
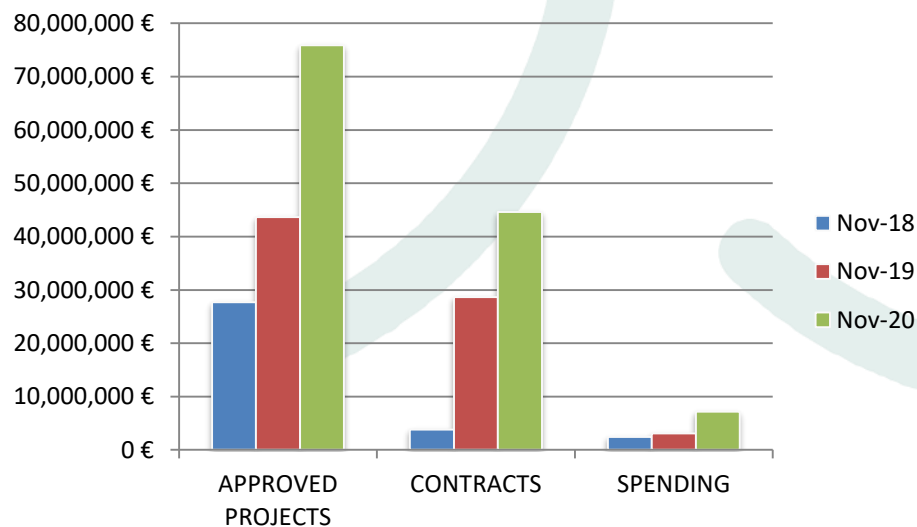


Εδώ Ζούμε  
Natura 2000

## ALL COMPLEMENTARY FUNDS



## COHESION FUND & EUROPEAN REGIONAL DEVELOPMENT FUND





**Εδώ Ζούμε**  
Natura 2000



## Action E.1: Communication and dissemination

### RB: WWF Greece

©Ανδρέας Μάρκου







Εδώ Ζούμε  
Natura 2000

## PROJECT BROCHURE – 1<sup>st</sup> & 2<sup>nd</sup> EDITION





**Εδώ ζούμε**  
Natura 2000

Promo video





**Εδώ Ζούμε**  
Natura 2000

TVC & radio spot

TVC



Radio spot







## European Natura 2000 Day @Stavros Niarchos Foundation Cultural Center



Attendance > 500  
Social media reach > 101.000



**Εδώ ζούμε**  
Natura 2000

## Nationwide photo contest Natura 2000: Click in nature!



©Anastasios Sakoulis/ WWF Ελλάς

Participation

**1,071 contestants**

of which:

**107**

**professional photographers**

**964**

**amateur photographers**

Photographs submitted

**7,943**





**Εδώ Ζούμε**  
Natura 2000

## Social media Facebook insights

Natura 2000 awareness + promoting Natura Day event

**2021 Total reach - The number of people who had any content from our Page or about our Page enter their screen (Unique Users):**

448,768

**Impressions - The number of times any content from your Page or about your Page entered a person's screen:**

1,569,765



Εδώ Ζούμε  
Natura 2000

## Networking with other LIFE projects

### Two-day meeting of 13 Greek LIFE Nature projects





Εδώ ζούμε  
Natura 2000

## Action E.2: Replication and transfer of projects results and achievements nationally and on EU level

RB: GRFU

### Formulation of the project's Transfer and Replication Strategy

Replication and Transfer of good practices and lessons learned during the implementation of Natura 2000 **management plans** on a national level

Replication and Transfer of good practices and lessons learned on a EU level -  
**Field implementation of Action Plans**





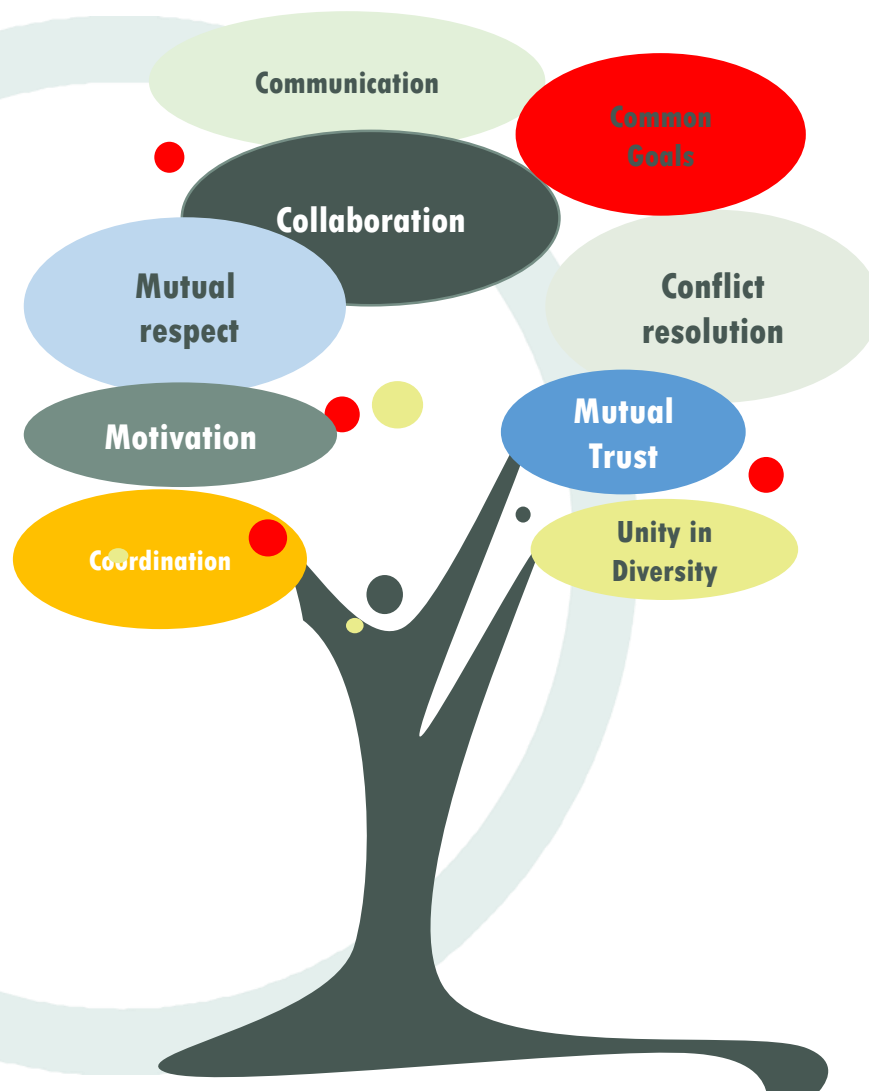


**Εδώ Ζούμε**  
Natura 2000

## Action F.1: Project Structure and Management

**RB: Ministry of Environment and Energy**

- Overall project management and coordination
- Establishment and operation of the project Committees
- External Audit
- Indicators of Progress





With the contribution of the LIFE  
Programme of the European Union



With the contribution of the  
Green Fund



**LIFE-IP 4 NATURA LIFE16 IPE/GR/000002**

# Thank you !

©Πέτρος Λυμπερόπουλος

