



Sustainable bats conservation in the cross border area

BatsConserve

**“Brief description of the project’s
implementation”**



Maria Tsaktsira

Assoc. Professor

Aristotle University of Thessaloniki



WORK PACKAGES OF THE PROJECT

WP 1: Project Management & Coordination.

WP2: Communication and Dissemination.

WP3: Database on bats.

WP4: Genetic research on bat populations from both sides of the border.

WP5: Assessments.

WP6: Taking conservation measures.





- ❖ **Employment of two scientists specializing in the identification, recording and sampling of bats: Dr Charalambos Alivizatos and MSc Maria Panagiotopoulou**
- ❖ **During the period April 2018 - September 2019, 10 sample collection missions were organized.**
- ❖ **30 sites were explored within the project area covering approximately 196,000 ha.**





- ❖ **The sampling was carried out on various habitats (caves, mountain forests, riparian forests, underground shelters). The bats were caught using nets and harp trap provided by the project.**
- ❖ **Approximately 320 samples were collected from 25 different species. Two new species have been identified in the research area.**
- ❖ **With the first samples, genetic analysis were initiated, both for the detection of correct sampling and for the identification of appropriate genetic markers**





WORK PACKAGES TO DISCUSS ABOUT





WP3: Database on bats.

- **Task 3.3. Research on correlation between population of bats and mosquitoes.**





❖ **Successful was the procurement which deal with activities related to the relationship between bats and mosquitoes**

Lagkas Thomas

*Forester - Environmental Scientist - professional,
MSc.*





WP4: Genetic research on bat populations from both sides of the border





❖ **The process of contesting and awarding genetic analysis to a specific company was successful, according to the program's technical bulletin.**



Access To Genome
CLINICAL LABORATORY GENETICS

ΠΑΠΟΥΛΙΔΗΣ ΙΩΑΝΝΗΣ





At the same time





❖ **With two open invitation processes, two new persons were included in our team, who involved with the genetic research on bats populations, the parallel genetic and statistical analysis of the bat samples, the databases of the populations of bats, the dissemination of results and the administrative support of the program**





WP2: Communication and Dissemination





❖ **A paper with the title**

*"New data for the bat fauna of the Greek parts of Rodopi Mountain range and Nestos River catchment with emphasis in *Rhinolophus blasii*"*

Maria Panagiotopoulou, Charalambos Alivizatos, Maria Tsaktsira, Apostolos Skaltsogiannis

will be presented in the

19th Conference of Hellenic Forestry Society

Litochoro Pieria

29 September – 2 October 2019





❖ The first record of the species *Myotis nattereri* in the EPAMATH area, by the project team, has been **posted online** on three sites

“New species of bat recorded in the National Park of East Makedonia – Thraki”

- ✓ ECO LIFE, June 2019, [greenagenda.gr](https://www.greenagenda.gr) ECO LIFE
- ✓ <https://www.facebook.com/fdnestos> posts
- ✓ June 2019, <https://www.xanthinea.gr> 2019/06 nixterida-xanthi





WP6: Taking conservation measures

- **Task 6.3. Conducted trainings for awareness among local people**





❖ We organized 3 trainings in **Greece** for awareness among people - for land owners, land managers, foresters, students and for people with disabilities



The trainings took place at



❖ Thessaloniki (Department of Forestry and Natural Environment)



The trainings took place at



❖ Oraiakastro, Thessaloniki (Lifelong Learning Center POLIS)



The trainings took place at



❖ University Forest of Taxiarchis Chalkidiki, Facilities of the Aristotle University of Thessaloniki





❖ We participated in 3 trainings in **Bulgaria** for awareness among people - for land owners, land managers, foresters, students and for people with disabilities



The trainings took place at



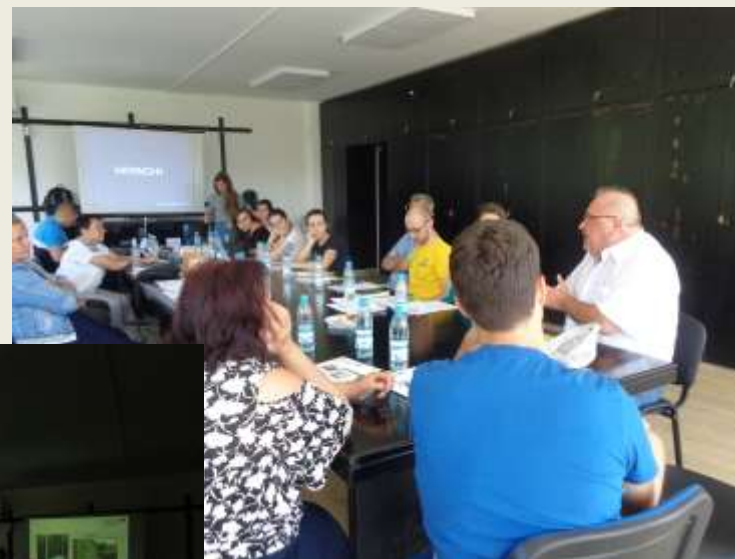
❖ Blagoevgrad (Building of the Municipality of Blagoevgrad)



The trainings took place at



❖ Blagoevgrad (Building of the Municipality of Blagoevgrad)



The trainings took place at



❖ Kardzali (Makaza Complex)



