



Croatian
Natural History
Museum

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Natječaj za poslove stručnjaka za dizajn, nadzor i analizu zračnog istraživanja u sklopu ugovora o dodjeli bespovratnih sredstava LIFE EUROTURTLES

Call for proposals/Notice of vacancy for External Aerial Survey Expert for Aerial survey design, supervision and analysis under the project LIFE15 NAT/HR/000997

2 x Aerial survey design, supervision and analysis, 1 External Aerial Survey expert UNDER THE LIFE EUROTURTLES PROJECT

Ref: LIFE15 NAT/HR/000997

Financed under programme: LIFE programme

Reference no. of project: LIFE15 NAT/HR/000997

Type of contract: Temporary Service Contract/Author's Contract

Short description of the subject of procurement: 2 x Aerial survey design, supervision and analysis, 1 External Aerial Survey expert

Short description of the tender rules: Call for proposals/Vacancy notice

Contracting Authority: Croatian Natural History Museum (CNHM)

Value of the contract: 111.000,00 HRK total value, net value based on the location and residency of the chosen author¹

DESCRIPTION OF THE PROJECT

Project objective: The aim of the project is to improve the conservation status of the EU populations of two sea turtle priority species, the loggerhead turtle *Caretta caretta** and the green turtle *Chelonia mydas**. The project recognizes that this aim can only be achieved through an EU-level approach considering the multinational distribution of these populations, which have breeding and foraging grounds in different and distant EU countries.

Your role

Objective of the work of 2 x Aerial survey design, supervision and analysis, 1 External Aerial Survey expert) is to:

Coordinate the implementation of Aerial survey design, supervision and analysis in the EU project "COLLECTIVE ACTIONS FOR IMPROVING THE CONSERVATION STATUS OF THE EU SEA TURTLE POPULATION, Project acronym: LIFE EUROTURTLES

Location

Action C.3. locations – Croatia, Survey Area

¹ Calculation based on:

" Zakon o porezu na dohodak i Zakon o doprinosima (Narodne novine 115/2016)

Applications

To submit your application, please consult the detailed Terms of reference in the text below and eligibility requirements below.

You may apply by sending us your CV to: drasko.holcer@hpm.hr

For administrative reasons the applications shall be made in English language and Latin script. Before applying, you should carefully check whether you meet all the eligibility criteria. No supporting documents are required at this stage – these will be required later from candidates invited to an interview.

Applications

***Please send us your application by no later than 11.1.2019.
at midnight (Local time), following the instructions in the Terms of reference***

**TERMS OF REFERENCE FOR THE SERVICE OF
EXTERNAL AERIAL SURVEY EXPERT for Aerial survey design, supervision and analysis UNDER THE
PROJECT LIFE15 NAT/HR/000997**

Grant Agreement title: LIFE EUROTURTLES

Circumstances justifying the use of the selected procedure: even though temporary service contracts in Croatia are exempt from public procurement procedures and are regulated by the Civil Obligations Act (<https://www.zakon.hr/z/75/Zakon-o-obveznim-odnosima>), CNHM will publish a Vacancy notice (public tender) for a Temporary Service Contract for a position of 2 x Aerial survey design, supervision and analysis, 1 External Aerial Survey expert). Development of the Terms of reference for the aforementioned vacancy will be supported by deliberation about possible candidates of project partners. In order to make the Vacancy visible on EU level the Vacancy will be published in English language on the project website <https://www.euroturtles.eu/#/about-project/public-procurement>. All relevant experts in the field will be made aware of the vacancy through project partner networks and through relevant expert associations.

CNHM will choose the best candidate for the 2 x Aerial survey design, supervision and analysis, 1 External Aerial Survey expert) and will offer them a Temporary service contract (Author's contract) pending the approval of the contract by the City of Zagreb as the founder of CNHM. It shall be ensured that prices for similar services have been compared, that the rate is in line with the level of competence required for the position and that the selection procedure is transparent, as well as the appropriate audit trail being followed.

1. DESCRIPTION OF THE PROJECT

Project objective: The aim of the project is to improve the conservation status of the EU populations of two sea turtle priority species, the loggerhead turtle *Caretta caretta** and the green turtle *Chelonia mydas**. The project recognizes that this aim can only be achieved through an EU-level approach considering the multinational distribution of these populations, which have breeding and foraging grounds in different and distant EU countries.

The specific project objectives are:

- 1) Reduce the impact of anthropogenic threats at nesting sites, in order to (i) guarantee a suitable nesting and incubation habitat for the future, including climate change effects, and (ii) allow a high production of newborns recruiting to their populations.
- 2) Reduce the impact of anthropogenic threats, in particular fishery-related, at foraging grounds.
- 3) Improve the effectiveness of marine Natura 2000 sites for sea turtle conservation, by extending current sites over turtle hot-spot areas and improving their management.
- 4) Set up a consistent approach for the conservation of the EU sea turtle populations, in order to optimize current and future efforts and resources in the EU.
- 5) Contribute to the Marine Strategy Framework Directive with consistent methods and with baseline data for improving the capacity of monitoring the conservation status of the EU sea turtle populations in the future.
- 6) Promote among EU citizens the concept of shared EU sea turtle populations and of the common heritage of natural marine resources of which sea turtles are excellent and charismatic flagship species.
- 7) Set up an EU network for sea turtle conservation based on common objectives and methods. This network will include the main research and conservation organizations in the key EU countries (most of which participate in the project as beneficiaries) and the relevant competent authorities.

2. DESCRIPTION OF THE ASSIGNMENT

2.1 Objectives:

Objective of the work of 2 x Aerial survey design, supervision and analysis, 1 External Aerial Survey expert is to:

Coordinate the implementation of Aerial survey design, supervision and analysis in the EU project "COLLECTIVE ACTIONS FOR IMPROVING THE CONSERVATION STATUS OF THE EU SEA TURTLE POPULATION, Project acronym: LIFE EUROTURTLES

2.2 Requested services:

- Planning and implementation of the project's Aerial survey design, supervision and analysis
- Support to preparation of materials of the project's aerial survey including the materials of scientific nature including the plans, designs and tables related to survey design
- Coordination of the implementation of aerial survey design, analysis and supervision
- Coordination of work of all aerial survey participants
- Implementation and supervision of the implementation of scientific analysis and results
- Defining work and task obligations of experts involved in the aerial survey
- Supervision of the all experts involved in aerial survey
- Participation in the following project activities:
 - ACTION C.3: Marine hot-spot areas for sea turtles: dynamic fishery management and areas of extension of Natura 2000 sites, Sub-action, C3.1 (Croatia)

2.3. Expected deliverables:

- Detailed gantt chart (plan of the aerial survey)
- Aerial survey design: survey design per blocks and Track length effort per block
- Supervision and analysis reports

The Expert will be responsible for the production, quality and timely completion of aerial survey activities and for keeping track of the work done to the project coordinator.

2.4. Period of Intervention/Timing:

Aerial survey design, supervision and analysis services are required for period 02/2019-03/2019 (design and Spring and Autumn 2019 (supervision and analysis.) He/she will be employed on the basis of Temporary service contract (Author's contract) of definite duration (in Croatian: *Ugovor autorskom djelu*).

2.5. Place of Activities/Logistics:

Action C.3. locations – survey area

Annex 1. – Survey Area

2.6. Reference and reporting:

Expert will report to Project Manager who will serve as his/her Supervisor.

3. REQUIRED KNOWLEDGE, SKILLS AND COMPETENCES OF THE EXPERT

General professional experience:

PhD in natural sciences, 5 years of working experience

Specific professional experience:

- Experience in day to day aerial survey activities
- Experience in planning and implementation of aerial survey activities
- Understanding of LIFE programme objectives is advantage
- Relevant publications in the field of marine and sea turtles are advantage

Additional skills and competences required:

- Excellent knowledge of English and one other EU language
- Computer literacy
- Excellent team work and coordination abilities
- Excellent communication and presentation skills

Annex:

1. Survey Area

1.1. PREAMBLE

The Croatian Natural History Museum and partners from six EU countries have awarded the LIFE project entitled " COLLECTIVE ACTIONS FOR IMPROVING THE CONSERVATIONSTATUS OF THE EU SEA TURTLE POPULATIONS - LIFE EUROTURTLES". The project has successfully undergone all stages of the grant award process and on July 5, 2016, the Grant Agreement was signed for the project " COLLECTIVE ACTIONS FOR IMPROVING THE CONSERVATIONSTATUS OF THE EU SEA TURTLE POPULATIONS- LIFE EUROTURTLES" (Ref. LIFE15 NAT / HR / 000997 with the European Executive Agency for Small and Medium-Sized Enterprises (EASME) on 5 July 2016. A Grants was awarded to the Croatian Natural History Museum and partners in the amount of 3.743.000,00 EUR from the LIFE program. And the total eligible costs for the project are 5.116.167,00 EUR.

1.2. CONTRACTING AUTHORITY

1.2.1. CROATIAN NATURAL HISTORY MUSEUM

General data about the museum is available at <http://www.hpm.hr/>

1.2. PROJECT SCOPE

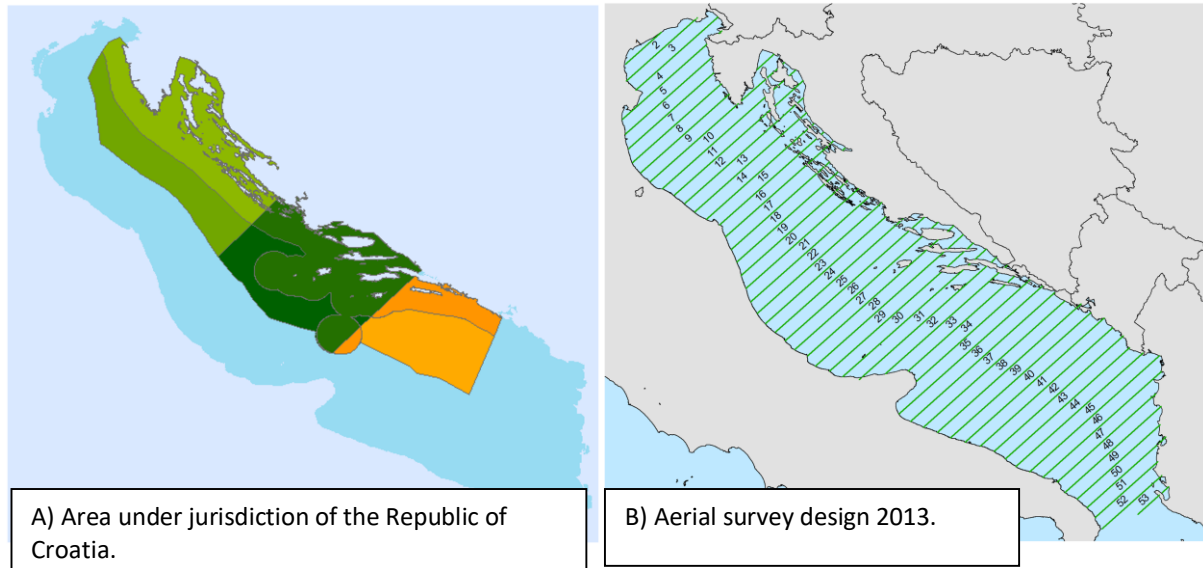
Project description in English language available at: <http://euroturtles.eu> and at: http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id=5867

2. SUBJECT MATTER OF AERIAL SURVEY

The LIFE EUROTURTLES Aerial Survey is an effort promoted and coordinated by LIFE EUROTURTLES project (LIFE15 NAT/HR/000997) aimed at establishing an integrated and coordinated monitoring system for the LIFE EUROTURTLES ACTION C.3: Marine hot-spot areas for sea turtles: dynamic fishery management and areas of extension of Natura 2000 sites. The aforementioned action is a Concrete Conservation Action, because it will directly benefit the population by reducing by-catch levels, and will provide the information necessary for other Concrete Conservation Actions.

The LIFE EUROTURTLES project will support the countries to meet their national and international commitments, in particular as regards to the regional policies related to the monitoring of the marine environment. A key component of the LIFE EUROTURTLES project an aerial survey aimed at securing the data to provide a thorough estimate of the density, abundance and distribution of the sea turtle populations in the Adriatic with emphasis on implementation areas of the LIFE EUROTURTLES project, based on robust data that will be collected during a synoptic survey planned for the spring 2019. and Autumn 2019. (conducted through two aerial surveys, to be implemented in spring 2019. and Autumn 2019.). Aerial survey is a key component of the LIFE EUROTURTLES project for the purpose of achieving the outcomes of activities: 1) Developing monitoring programs for species and habitat types of EU interest in marine species mammals and turtles. Earlier aerial surveys of marine mammals and sea turtles show that for further analysis of the data on population status, additional aerial surveys should be carried out on two occasions throughout the year, covering the missing data and information on parameters of marine mammalian populations and turtles in the Adriatic.

2.1. Survey Area



Picture1 Area under jurisdiction of the Republic of Croatia and the Aerial survey design 2013.

The research area covers the waters under the jurisdiction of the Republic of Croatia. The research area for LIFE Euroturtles project activities may include adjacent areas that will be identified as areas of interest for marine turtles, in cooperation with the scientific coordinator of the project. Research design will follow the design of previous aerial surveys in the Adriatic (2010 i 2013, Holcer & Fortuna 2011², Fortuna & Holcer 2013³)

² Holcer, D. and C. M. Fortuna (2011). The aerial survey of cetacean abundance in the areas of Kvarner/Kvarnerić and Central Adriatic: August 2010. A project report to State institute for nature protection, Zagreb. Vis, Blue World Vis: 26pp.

³ Fortuna, C. M. and D. Holcer (2013). Adriatic aerial survey 2013 - Aerial survey protocols. Developed under project NETCET - Network for the conservation of Cetaceans and sea turtles co-funded through the IPA Adriatic Cross-Border Cooperation Programme. Rome - Veli Lošinj, ISPRA & Blue World Institute: 30pp.