

## Context

**Programme:** Erasmus+

**Key Action:** Cooperation for innovation and the exchange of good practices

**Action:** Strategic Partnerships

**Field:** Strategic Partnerships for higher education

## Project Identification

**Project Title:** Online courses with videos for the field of veterinary communication dealing with prevention, diagnosis and treatment of diseases transferable from animals to humans

**Project Acronym:** ZOE - ZoonosesOnlineEducation

**Ref. no.:** 2016-1-RO01-KA203-024732

**Project Start Date:** 01.10.2016

**Project End date:** 31.03.2019

## Partnership

**Applicant Organisation – P1:** University of Veterinary Medicine Ion Ionescu de la Brad, Iasi (Romania) - [www.uaiasi.ro](http://www.uaiasi.ro)

### Partners:

**P2:** University of Medicine and Pharmacy Grigore T.Popa, Iasi (Romania) - [www.umfiasi.ro](http://www.umfiasi.ro)

**P3:** University Alexandru Ioan Cuza, Iasi (Romania) - [www.uaic.ro](http://www.uaic.ro)

**P4:** Fundatia EuroEd, Iasi (Romania) – [www.euroed.ro](http://www.euroed.ro)

**P5:** University of Zagreb - Faculty of Veterinary Medicine (Croatia) - [www.vef.unizg.hr](http://www.vef.unizg.hr)

**P6:** University of Applied Sciences, Vilnius (Lithuania) - [www.viko.lt](http://www.viko.lt)

**P7:** Soros International House, Vilnius (Lithuania) - [www.sih.lt](http://www.sih.lt)

**P8:** Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale" di Teramo (Italy) - [www.izs.it](http://www.izs.it)

**P9:** Pixel Associazione, Florence (Italy) - [www.pixel-online.net](http://www.pixel-online.net)

**P10:** Connectis, Prato (Italy) - [www.connectisweb.com](http://www.connectisweb.com)

## Aim of the project

Worldwide, zoonotic diseases have a negative impact on commerce, travel and economies. In most developing countries, zoonotic diseases are among those diseases of major public health significance and contribute significantly to an already overly burdened public health system. In industrialized nations, zoonotic diseases are of particular concern for at-risk groups such as the elderly, children, childbearing women and immunocompromised individuals.

The project aims to create open digital educational resources in the field of veterinary medicine based on developing innovative guidelines on zoonotic diseases study and veterinary, medical, pedagogical, linguistic and raise awareness intervention related to identify, monitor and control malaria and dirofilaria, useful for the academic, professional and general beneficiaries.

### Specific objectives

- Development of a state of art research on the national analysis of malaria&dirofilaria, including literature research, indirect interviews with specialists, identification of examples of best practices on zoonoses education, delivered in the first year of the project in all the partners' countries.
- Creation of a guide and an open online course guide of main infectious disease transmitted from non-human animals to humans, including videos capturing zoonoses bio-manipulation in simulation centers, in the second year of the project, useful for academic and professionals in veterinary.
- Creation of a guide and an open online course on medical communication, including the video processing from linguistic/ cultural / communication point of view, available in 6 languages, in the second year of the project, useful for academic and professionals in veterinary.
- Organization of 2 rounds of training for a number of 15 trainers and 80 students in veterinary field, with the aim to pilot the 2 open online courses created, in the last year of the project.
- Development of pedagogical guidelines & piloting activities in schools for teaching/learning of children aged 6-12 (including educators and parents), in the last year of the project.
- Creation of synergies between the human and veterinary medicine in elaboration of a protocol on epidemiological monitoring and disease control in public health practice, useful for academic and professionals in medicine, in the last year of the project.
- Development of a free portal with educational tools related to prevention, diagnosis & treatment of diseases transferable from animals to humans & raise awareness on the consequences of the infectious disease, including educational tools and interactive and attractive educational materials on health education, useful for the academic, professional & general beneficiaries.

### Main project products (outputs)

- O2 – Analysis on zoonoses state of arts (2 zoonotic diseases understudy: malaria & dirofilaria); Study on best practices on zoonoses interventions (at least 20 examples of best practices)
- O3 - Guide of main infectious disease transmitted from non-human animals to humans (Guide of malaria & dirofilaria study (EN, RO, CRO, LT, IT, FR))
- O4 – Videos capturing zoonoses bio-manipulation in simulation centers (Videos capturing malaria & dirofilaria study in 6 languages)
- O5 – Interdisciplinary pedagogical resource (Medical communication linguistic resources for 6 languages)
- O6 – Open Online Course on zoonoses & VET linguistic fields (2 online courses: Course on malaria & dirofilaria in 6 languages & a language course for the veterinary medical field for 6 languages)
- O7 – ZoonosesOnlineEducation Kit (Guides on how to use the 2 online courses & the feedback/testimonials from the training/piloting actions with veterinary students & professionals)

O8 – Pedagogical Guidelines & Piloting for teaching/learning of children aged 6-12 (Handbook of pedagogical guidelines on the necessity of health education for teaching/learning of children aged 6-12; piloting activities in schools with actual primary/teachers & pupils aged 6-12)

O9 - Protocol on epidemiological monitoring & disease control in public health practice (& 50 students/specialists from human medicine to be trained in the use & applicability of the protocol for epidemiological investigation in the hospital)

+ ZoonosesOnlineEducation portal tool with educational resources (Veterinary – Study on malaria & dirofilaria; Open Online course on zoonoses; Videos with bio-manipulation; Guide on how to use the course/train. Medicine - Protocol on epidemiological monitoring & disease control in public health practice; Testimonials with case studies at international level. Languages - Open online course on veterinary communication. Pedagogy – Pedagogical course & teaching activities on health education for (future) teachers to use at class with pupils aged 6-12. Raise awareness - Interactive & attractive educational/informational materials on health education, microbes & the need of vaccines for different target group age).

### Target groups

Through its activities, ZOE project meet the needs of a wide variety of people:

- Lectures, (foreign) students and professionals in the field of veterinary
- Lectures, (foreign) students and professionals in the field of medicine (Health Care and Epidemiology)
- Teachers and future teachers, lectures and students of Pedagogy
- Public at large (pupils ages 6-12, parents)

Based on the competences and activities in which the direct mentioned target group will be involved, project will have impact in the following indirect target group also:

- Veterinary Universities, Treatment Centers
- Medical Universities, Hospitals, Clinics of epidemiology
- Health care organizations and public institutions
- Patients, families or animals owners/carers
- Volunteers in medical/veterinary field
- Pedagogy Universities
- Schools