



EcoSurv

Development of a surveillance system adopting an ecological approach for the monitoring of (re)emerging zoonoses and those at risk of introduction

What it is

It is a national project, co-funded by the European Union under the EU4Health program, aimed at developing innovative integrated surveillance approaches for certain (re)emerging zoonoses and those at risk of introduction.

Activities

The proposed surveillance actions are strategically designed to generate relevant and essential data for the identification of appropriate early warning indicators and to support comprehensive risk assessment regarding the introduction or (re)emergence of specific zoonotic agents in Italy.

Zoonoses

Zoonoses are infectious diseases that can be transmitted from animals to humans. This project focuses on the following zoonotic diseases:

Ruminants

Rift Valley Fever
Crimean-Congo Hemorrhagic Fever
Q Fever



Migratory Birds

West Nile Fever
Avian Influenza



Swine

Hepatitis E
Swine Influenza



Other Species

Echinococcosis
Lyme Disease
Tick-borne Viral Encephalitis



The Ecological Approach

This approach takes into account the full spectrum of animal species within the ecosystem that may contribute to the maintenance, persistence, and/or transmission of zoonotic diseases to humans. By adopting this perspective, the project promotes innovative surveillance and diagnostic strategies.

Surveillance Components

