

FASTCAT-Edge

Why should you use it?

Build your own intelligent camera trap to record videos and pictures of wildlife activity and quickly identify the species names.

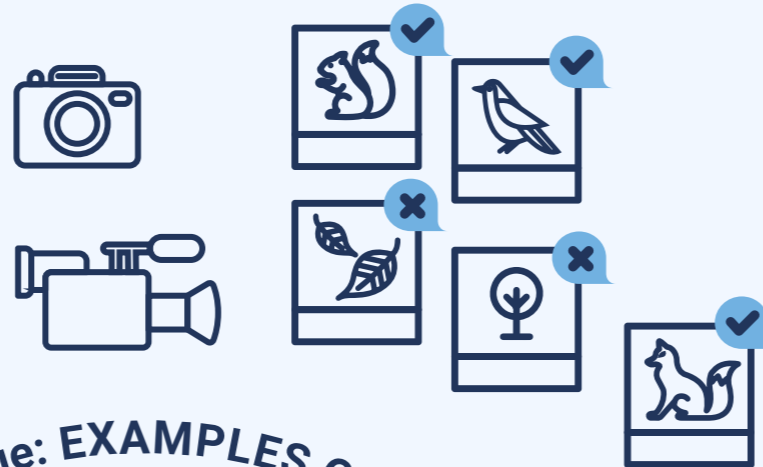
01 ASSEMBLE YOUR ARTIFICIAL INTELLIGENCE CAMERA TRAP

Follow the FASTCAT-Edge code and guide to set up your camera trap. This do-it-yourself (DIY) device uses Raspberry Pi, a single-board computer capable of executing our unique capture software all the intelligent functionalities of FASTCAT in your device.



02 SAVE TIME: CAPTURE ONLY ANIMALS IMAGES OR VIDEOS

This camera trap automatically filters out unwanted pictures and videos, keeping images of animals. Therefore, you will save time removing empty recordings or photos.



03 EXPORT IMAGES AND VIDEOS TO YOUR COMPUTER

Connect the camera trap to your PC and transfer images and videos; which will be automatically filtered (no need for additional software).



04 RECEIVE INFORMATION ABOUT THE NUMBER OF SPECIES RECORDED

It will provide you with counts, i.e.: how many different species have been sighted this week, or how many times you have photographed a fox in last 30 days.



05 IDENTIFY THE SPECIES NAMES EASILY

FASTCAT-Edge uses bespoke Artificial Intelligence to automatically identify species, which means that you will see the suggested species names when you export the images to your computer.

SPECIES NAME 1



SPECIES NAME 2



FASTCAT-Edge: EXAMPLES OF USE AND BENEFITS

If you are a wildlife biologist or a person interested in animal conservation, you will:

- **Save time** in selecting the images you need to estimate animal populations or study their behaviors.
- **Capture thousands of animal photos and videos**, including small or fast animals that are often missed with standard camera traps.
- **Share wildlife images** with citizen science projects and help other researchers
- **Design your own observation project around this camera trap**, FASTCAT-Edge acts as a general-purpose computer.

06 SHARE YOUR OBSERVATIONS ON CITIZEN SCIENCE PLATFORMS

Eventually, this service will connect with biodiversity citizen observatories. So, a citizen scientist that uses a camera trap, will be able to easily upload images to some platforms such as iSpot, Artportalen or Natusfera.



This project is part of:



Cos4Cloud coordination:



Service coordinator:

