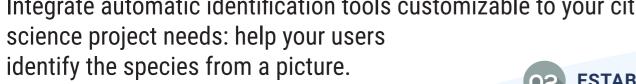
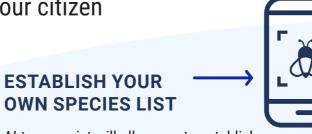
# **Al-taxonomist**

## Why should you use Al-taxonomist?



Integrate automatic identification tools customizable to your citizen







Al-taxonomist will allow you to establish a list of species of interest. For example, if your citizen observatory monitors bees, you can integrate Al-taxonomist to help your users identify different bee species automatically.



#### **AI-taxonomist SERVICE FINDS** THE MOST SIMILAR PHOTO

Based on machine learning, the identification tool will include a search to find similar results, for instance, among photographs of species that potentially resemble the observation made by a citizen scientist.



#### **WEB API**

The system will deploy an identification web service thanks to a web Application Programming Interface (API).



#### **READY-TO-USE SERVICE**

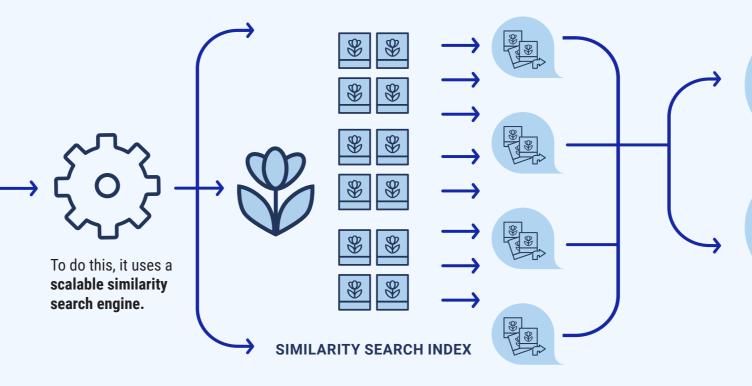
A museum or an institution developing a citizen observatory app related to a particular group of species will be able to easily integrate a photoidentification tool for that species.





### **HOW AUTOMATIC IDENTIFICATION TOOL WORKS**

This software allows users to identify observations composed of multiple part-based images of the same individual organism e.g. for a plant: leaf, flower, fruit, etc.), while returning the most similar observations in the database for each of the identified species.





The software returns the most similar pictures in the database.







Cos4Cloud coordination



