Cos4Bio

Why should you use Cos4Bio?

A service that integrates biodiversity observations from multiple citizen observatories in one place: save time in the species identification process and get access to an enormous number of observations.
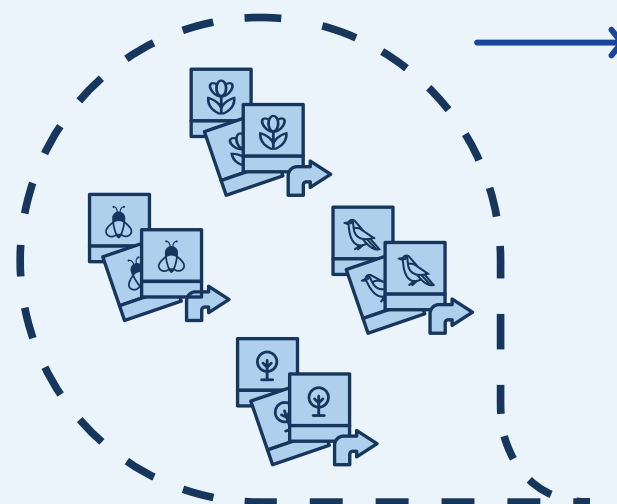
04 USERS' SECURE LOG IN

Any user can log into the portal using another Cos4Cloud Service, Authenix, a secure authentication system that ensures GDPR (General Data Protection Regulation) compliance.
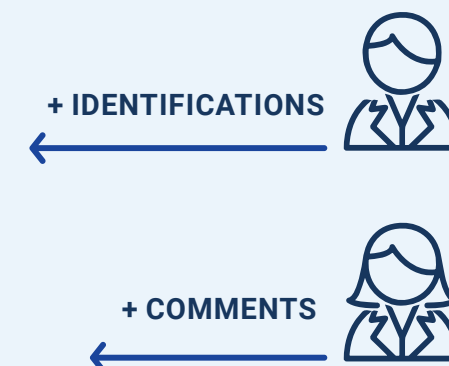
03 Cos4Bio INTEGRATES DATA FROM MULTIPLE COs IN ONE PORTAL

The portal unifies the information that comes from different observatories. The observations are available in a standardised format - under the same structure - (e.g., species name, locality, etc.). The data is not stored, but it is available for visualization, validation, or downloading.

05 VISUALIZATION: UNIFIED SEARCH ENGINE

Once logged in the portal, users can search the observations they are interested in using multiple criteria such as species name[1], location etc.

06 VALIDATION OF BIODIVERSITY OBSERVATIONS[2]

Experts[2] can contribute with their comments and identifications in one place, and then all the feedback will go directly to the citizen observatory where the observation came from.

01 CITIZEN SCIENTISTS SHARE BIODIVERSITY OBSERVATIONS

Users capture and share photos and species' information using citizen observatories.

Natusfera

iSpot
ispotnature.org

Pl@ntNet

ARTPORTALEN
Swedish Species Observation System

+ IDENTIFICATIONS

+ COMMENTS

iSpot
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ARTPORTALEN
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02 CITIZEN OBSERVATORIES (COs) STORE THESE OBSERVATIONS

All the observations are open access and freely available.

NOTIFY THE DATA USE 08

Cos4Bio includes the 'DUNS' notification service that will acknowledge and reward citizen participation in research, for example, by notifying if their data has been used to write a paper.

07 DOWNLOAD BIODIVERSITY DATA

Users can download data in standardized form to make their studies or reports.