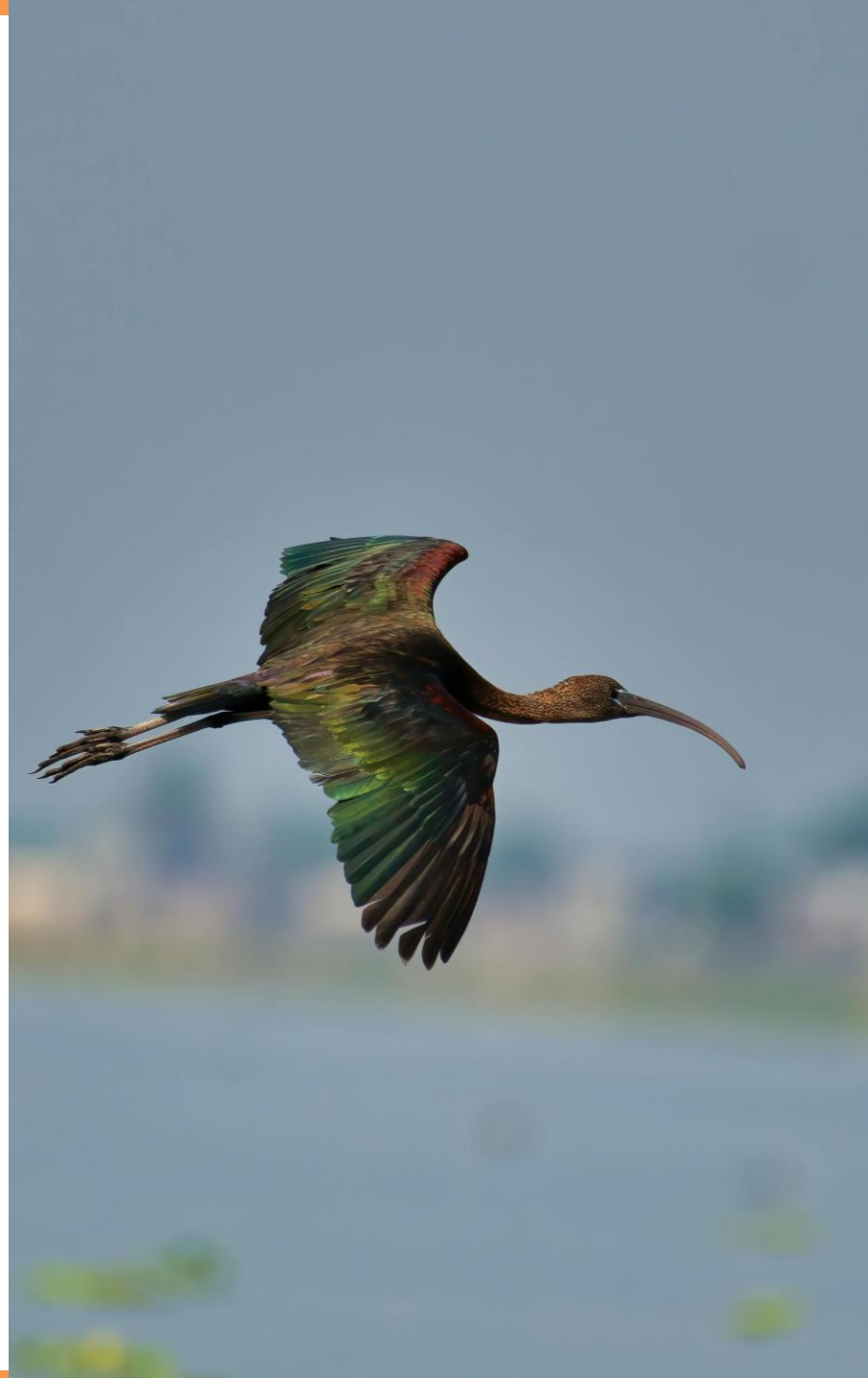




# Session: Mapping life on planet: Biogeography in a changing world

1 July 2025 | 11:30-13:00



# Insect-flower interactions in the Mediterranean area: a Citizen Science dataset collated within the LIFE 4 Pollinators project

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Luis Navarro, Theodora Petanidou, Anna Traveset,  
LIFE4Pollinators validator team, Marta Galloni

## **LIFE 4 Pollinators (LIFE18 GIE/IT/000755)**

Involving people to protect wild bees  
and other pollinators in the Mediterranean



### **1. Introduction**



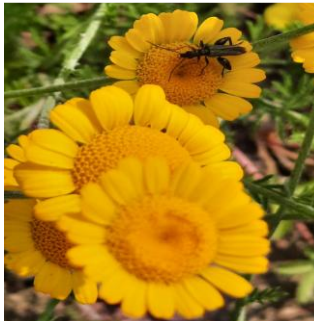
## Mediterranean: hotspot of BIODIVERSITY

- 25.000 vascular plants
- 2.000 bees

### European Red List of Wild Bees (2014):

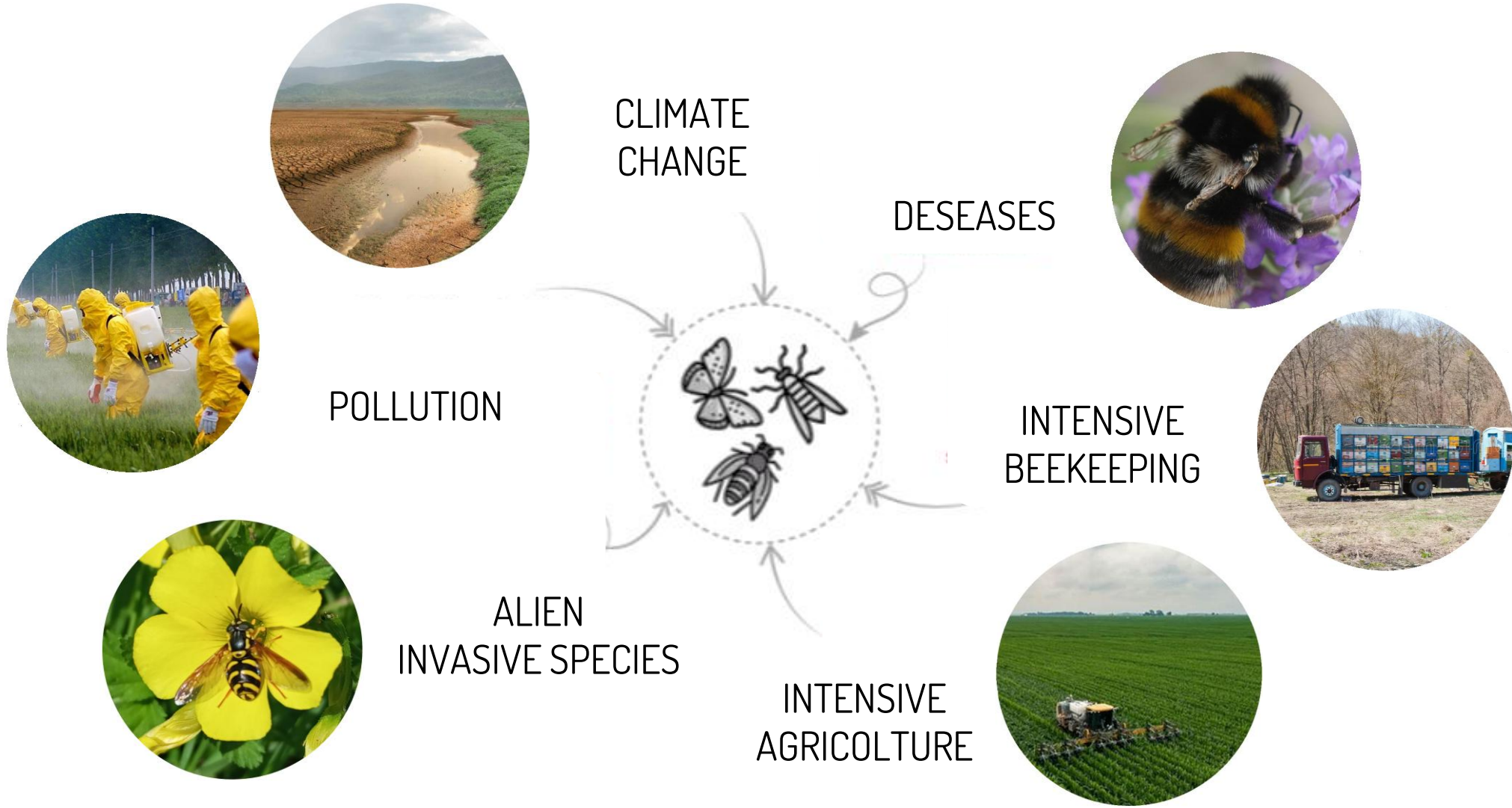
- 9% species is threatened
- 50% species is Data Deficient

<https://www.life4pollinators.eu>



## 1. Introduction





## 1. Introduction

# What's Citizen Science?



## 1. Introduction

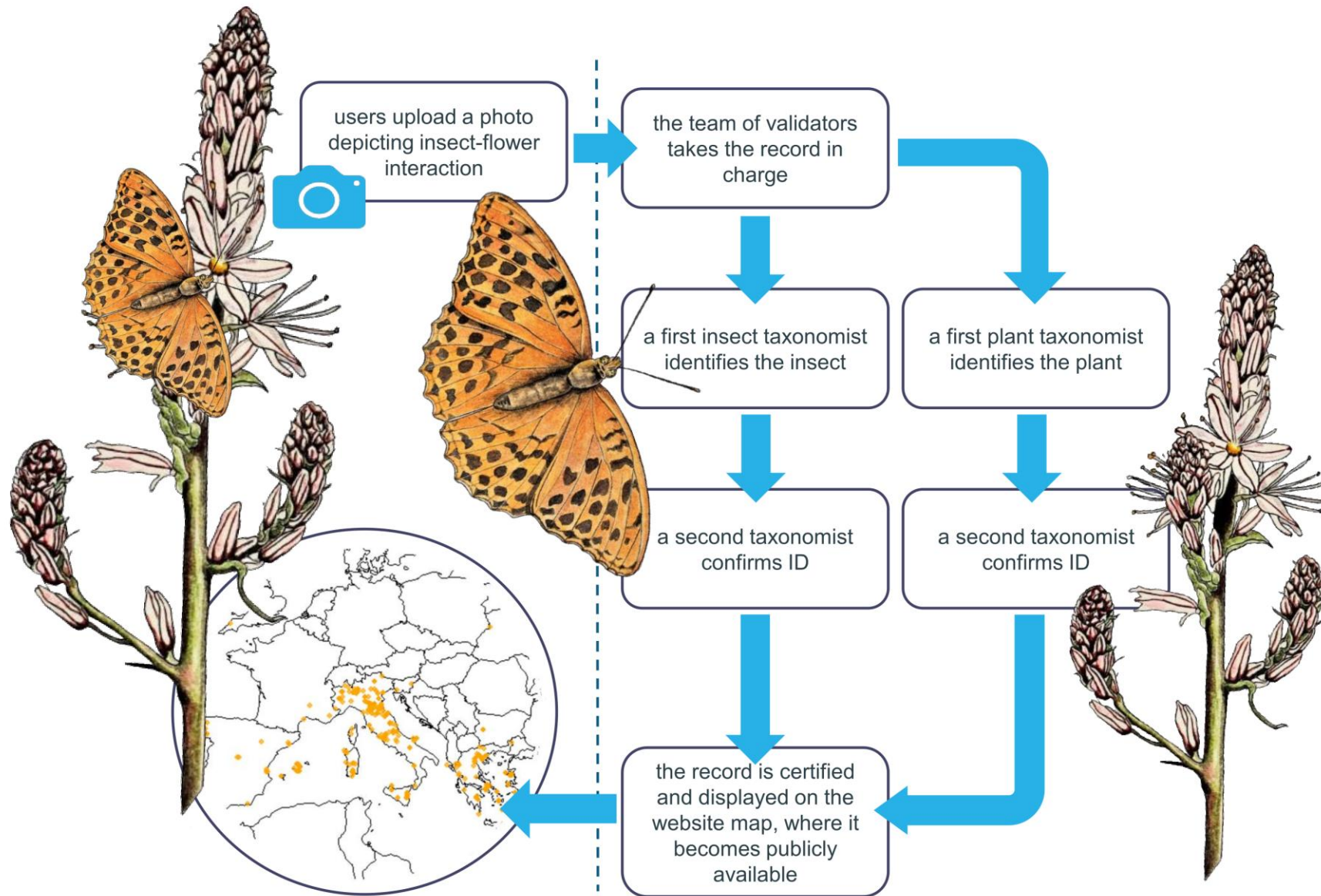
# What's Citizen Science?



Citizen Science involves the active participation of the general public in research activities across various disciplines

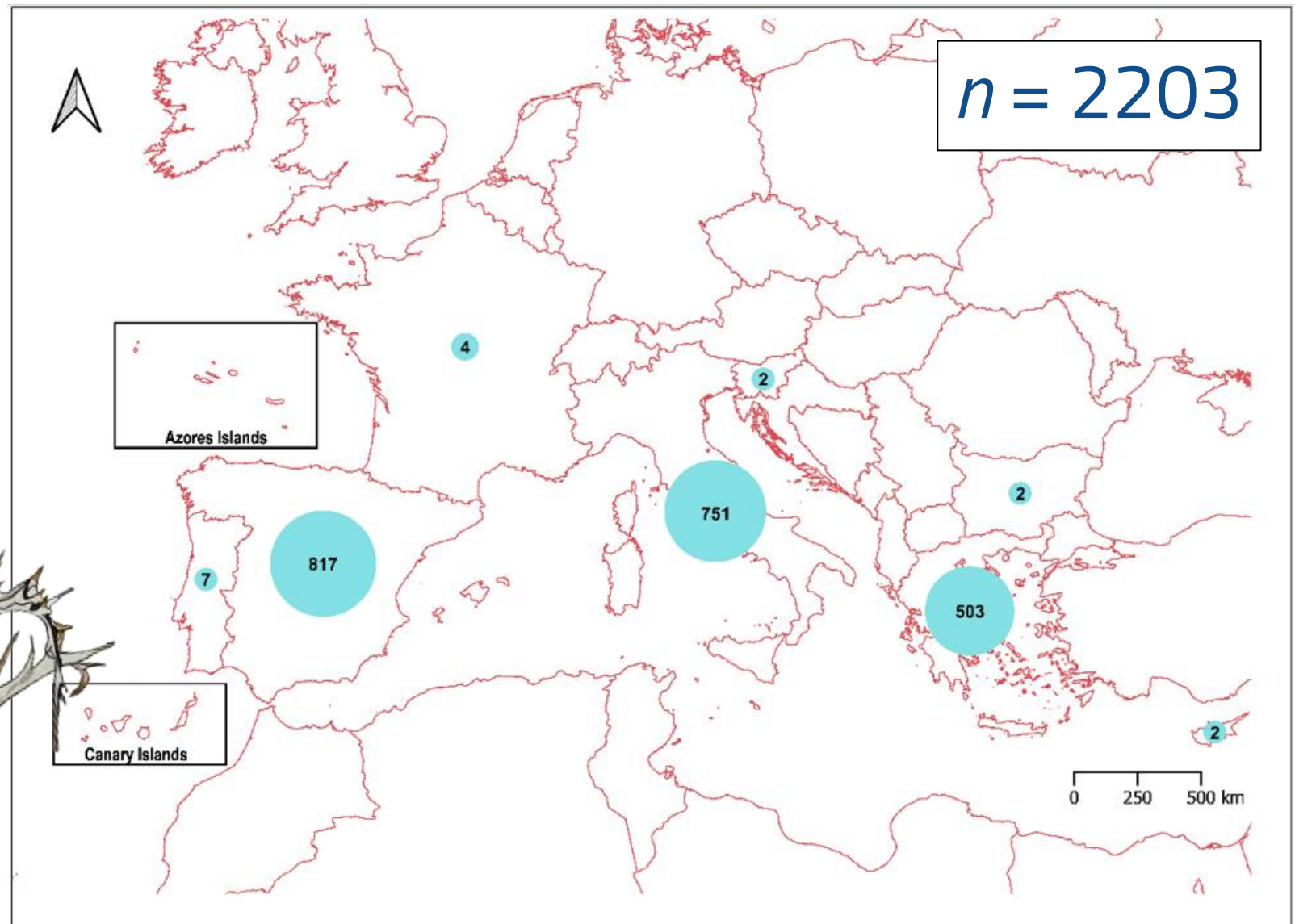
- Collect data at a broader scale
- Raise awareness
- Engage the public in conservation-related topics

## 1. Introduction

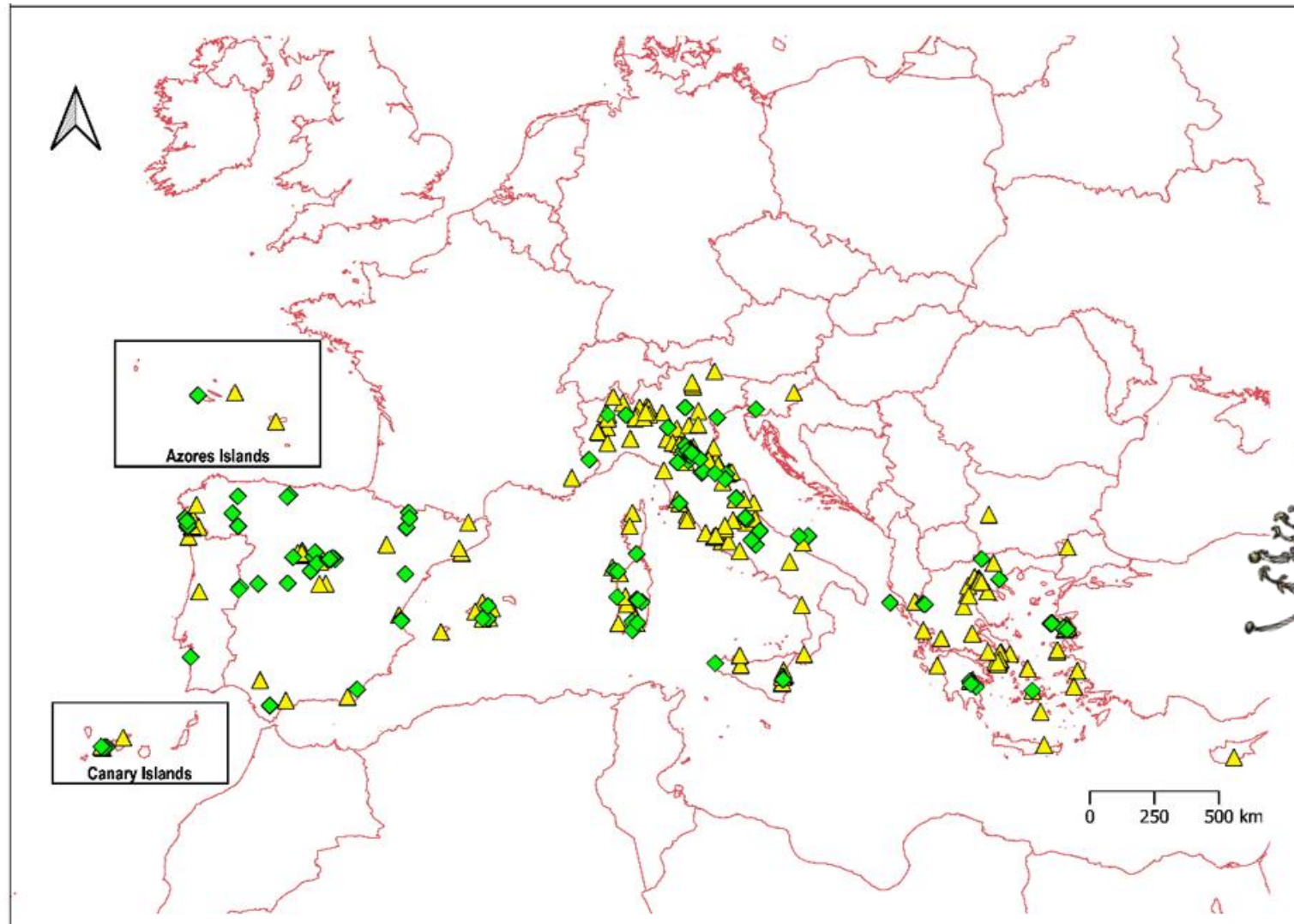




## 2. Web platform





### 3. Results



-  Outside Natura 2000 network (50%)
-  Within Natura 2000 network (45%)

### 3. Results



ALIEN SPECIES



INVASIVE SPECIES



DATA DEFICIENT SPECIES



ENDANGERED SPECIES

### 3. Results





- The web platform will remain active for at least 10 years
- The dataset will be periodically updated and published on a data repository
- We encourage everyone to use our data for conservation planning and research

## 4. Conclusions



# Thank you!

Questions?

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Send your contribution!



## BEEs

The LifeWatch ERIC Biodiversity & Ecosystem  
eScience Conference



Heraklion, 30 June - 3 July 2025