

# LIFE 4 POLLINATORS

## Un approccio integrato alla Citizen Science

Un progetto per coinvolgere le persone nella  
protezione delle api selvatiche e di altri impollinatori  
nel Mediterraneo

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UNIVERSITÀ DI BOLOGNA

11-12

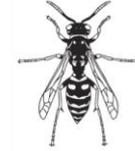
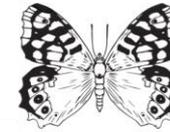
NOVEMBRE

2021

# Problema affrontato

## DECLINO DEGLI IMPOLLINATORI SELVATICI

API VESPE BOMBILIDI SIRFIDI  
COLEOTTERI FARFALLE E FALENE



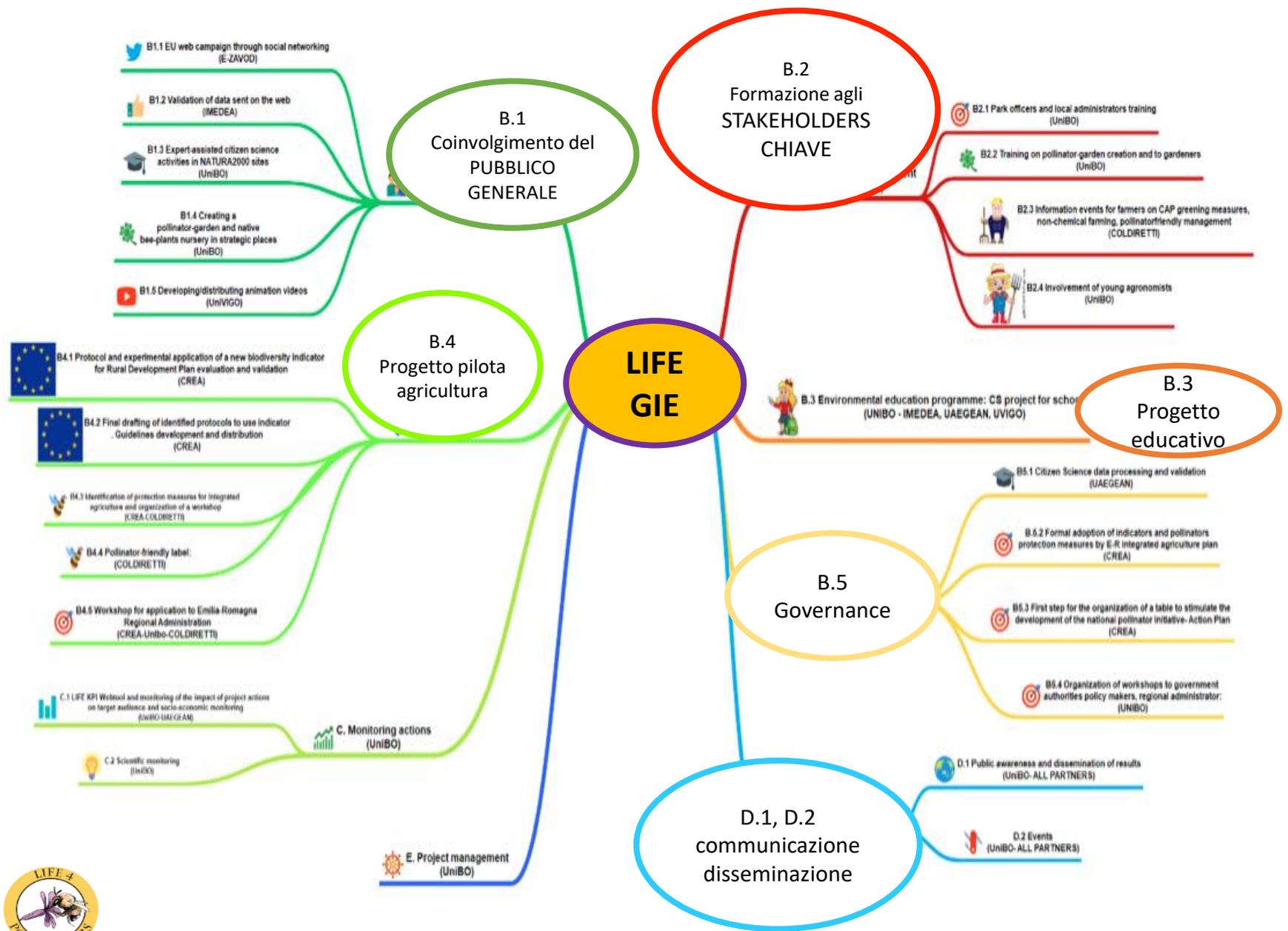
**Hotspot di biodiversità**

**Dati carenti**

**Antropizzazione alta (agricoltura- distruzione habitat)**

# Soluzioni adottate

Verso l'organizzazione del Network



# MATERIALI

**IDENTIFYING PLANTS IN THE FIELD**  
For Mediterranean climate management it is necessary to have a plant in good condition, complete with its stems and leaves, and to have been taken care of in the long term.

**LIFE 4 POLLINATORS**  
The aim of the project is to support pollination in urban green spaces by creating a reference table leading to a progressive change in practices across the Mediterranean region.

**MEDITERRANEAN WINTERVALVE PLANTS**  
Mediterranean climate comprises around 2000 species of plants, among which a great majority is pollinated by insects and about half are made up of plants that are not native to the area. Many species are not well represented by natural communities. Typically, wintervalve plants are the strongest shade and wintergreen trees such as Ficus, oak, olive, laurel, rose, rosemary, sage, verbena, etc., as well as the semi-deciduous trees like honeyberry, dogwood, laurel and many others that constitute the Mediterranean flora and only roses are considered here as also semi-deciduous. However, dry grasslands, herbaceous, different habitats characterized by specific vegetation. This category plant, varying in height, form and in the season used in winter, depends from the diversity of pollinators.

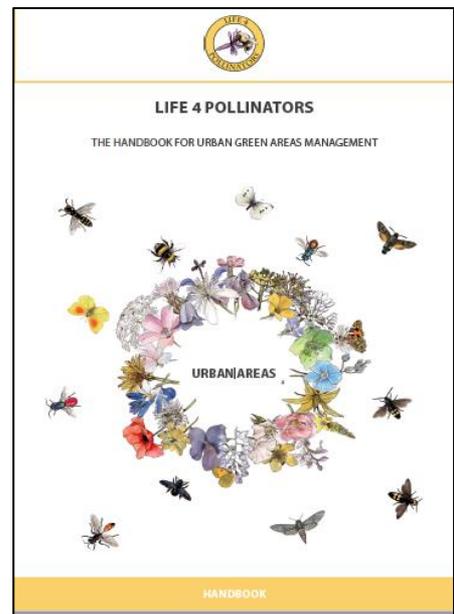
**PLANT IDENTIFICATION COMPLEXITY**  
A range of various plants is indicated in the article as a guide to the identification of the plants in the field. The plants are identified by their scientific name (genus and species), their family, their order, their habit (tree, shrub, herb, etc.), their color, their shape, their size, their texture, their smell, their taste, their use, etc. The plants are identified by their scientific name (genus and species), their family, their order, their habit (tree, shrub, herb, etc.), their color, their shape, their size, their texture, their smell, their taste, their use, etc.

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## GUIDE DA CAMPO PER IL RICONOSCIMENTO

<https://www.life4pollinators.eu/>



## MANUALE di SCIENZA PARTECIPATA E PER STAKEHOLDERS CHIAVE

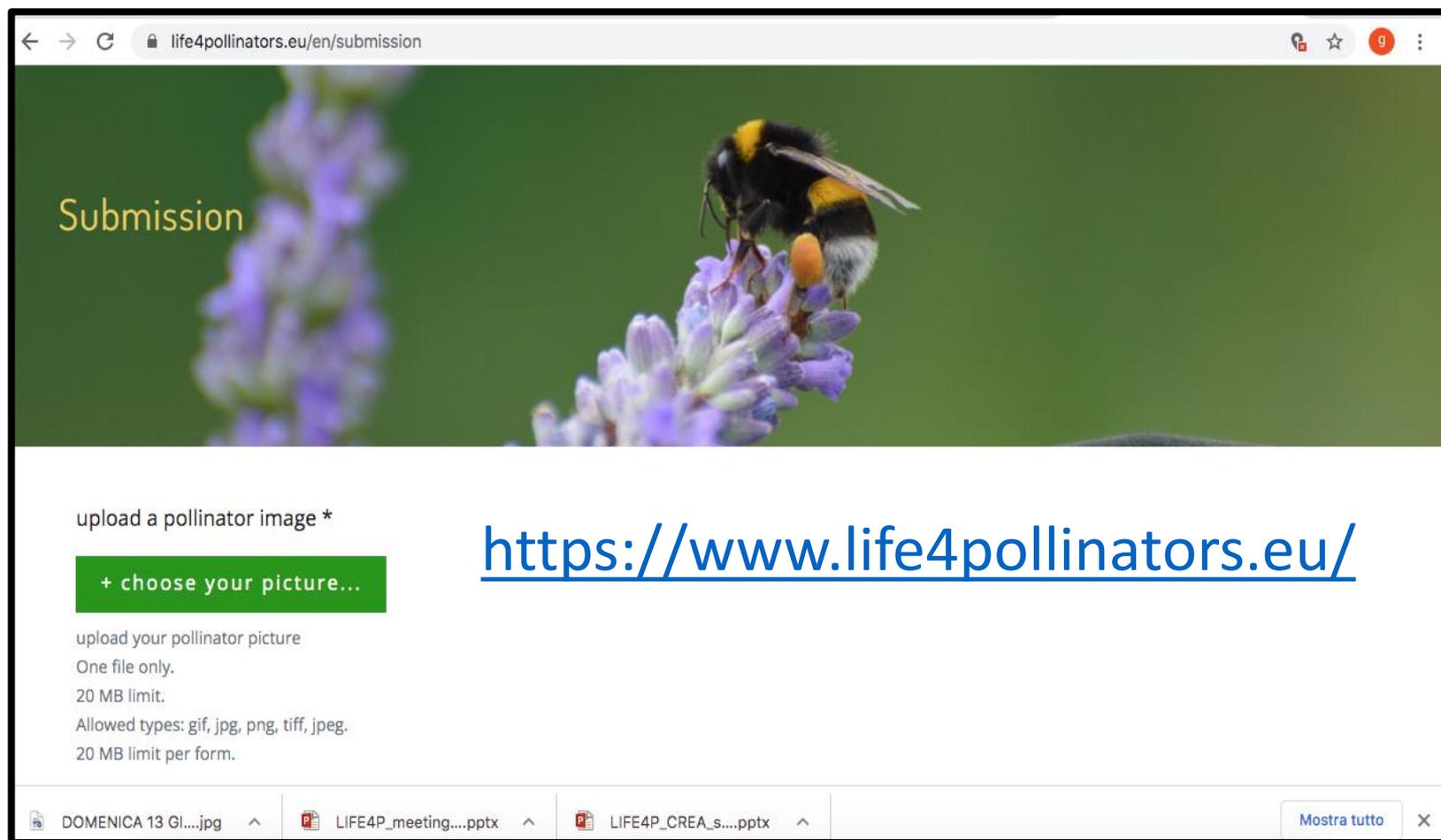


## CODICI DI CONDOTTA e MARCHIO AMICI DEGLI IMPOLLINATORI





# PIATTAFORMA WEB



Submission

upload a pollinator image \*

+ choose your picture...

<https://www.life4pollinators.eu/>

upload your pollinator picture  
One file only.  
20 MB limit.  
Allowed types: gif, jpg, png, tiff, jpeg.  
20 MB limit per form.

DOMENICA 13 GI...jpg ^ LIFE4P\_meeting....pptx ^ LIFE4P\_CREA\_s....pptx ^ Mostra tutto x

**GRUPPO DI VALIDAZIONE** Livello tassonomico non di specie



# STUDENTS 4 POLLINATORS

## progetto di educazione ambientale



Scuole amiche  
degli  
impollinatori  
Bologna



# Mini BIOBLITZ





**DOMENICA 13 GIUGNO 2021**

In Riserva dalle 7,30 alle 18 troverete tantissime attività che potrete svolgere soli, con l'aiuto del vostro cellulare, e accompagnati dai nostri naturalisti! Saranno con noi le ricercatrici e i ricercatori dell'Università e del CREA di Bologna del Progetto LIFE4Pollinators, per scoprire ed osservare l'affascinante mondo degli impollinatori.

Tutte le osservazioni di flora e di fauna saranno caricate sulla piattaforma [iNaturalist.org](https://www.inaturalist.org), nel progetto **BIOBLITZ LOMBARDIA 2021** e sulla piattaforma [life4pollinators!](https://www.life4pollinators.it)

Possibilità di pranzo in cascina con l'Associazione Mato Grosso






# IMPATTI

## VALUTAZIONE DELL'AUMENTO DI CONSAPEVOLEZZA/CONOSCENZE e CAMBI di COMPORTAMENTO

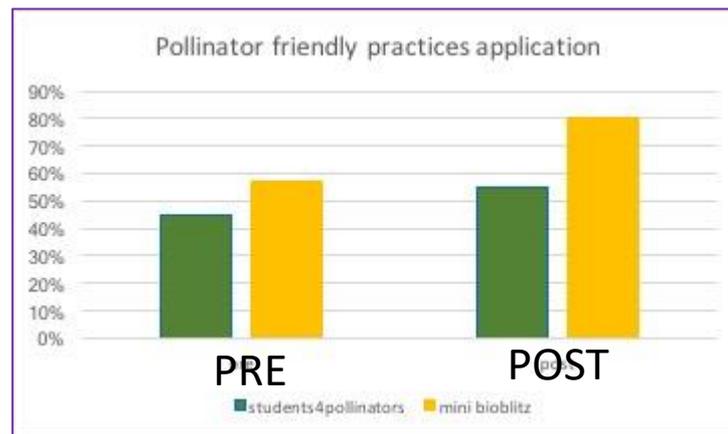
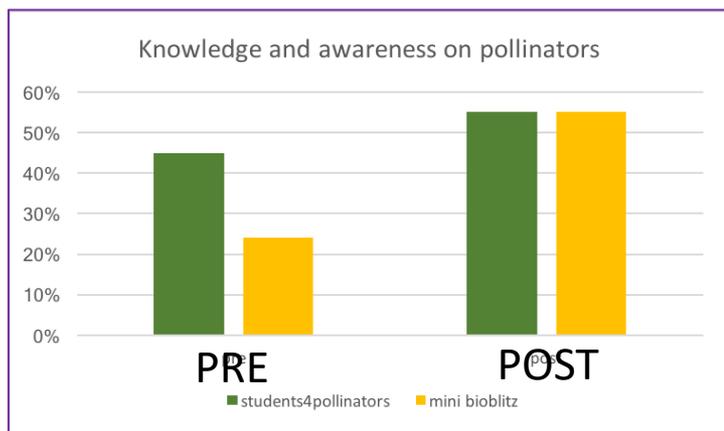
QUESTIONARI pregressa e post PER OGNI TARGET AUDIENCE

Info sociografiche

Test di conoscenza e autovalutazione sul tema Consumo critico

Pratiche pollinator friendly

[https://it.surveymonkey.com/r/LIFE4poll\\_citizen](https://it.surveymonkey.com/r/LIFE4poll_citizen)



**CAMBIO SIGNIFICATIVO DELLA  
CONSAPEVOLEZZA/CONOSCENZA E DELLA VOLONTA' AD  
ASSUMERE COMPORTAMENTI AMICI DEGLI IMPOLLINATORI**



# Sfide

- Coinvolgere agricoltori nella raccolta dati
- Raccogliere dati (Testare affidabilità)
- Aumento della consapevolezza e delle conoscenze nei portatori di interesse chiave
- Adozione codice di condotta, dichiarazioni di intenti per diventare amici degli impollinatori
- Beneficio ambientale





# LIFE4POLLINATORS

## Pollinators for life!

Grazie

