

# EU Bee Partnership Platform on Pollinator Health and more

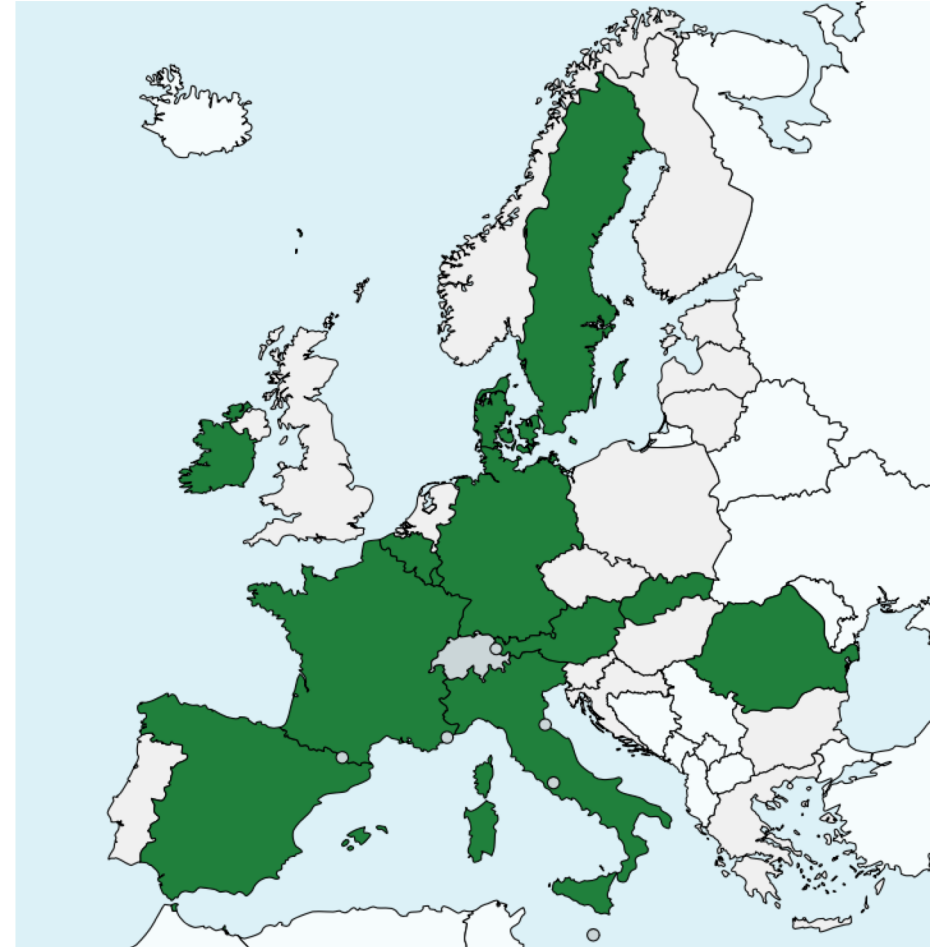
Dr Noa Simon Delso

I numeri del miele - Conoscere il settore  
per sviluppare l'apicoltura e l'impresa  
apistica  
17/09/2022



# BeeLife European Beekeeping Coordination

- NGO working for the protection of bees and pollinators in Europe
- Formed by beekeeping associations and cooperatives
- 25 members in 12 countries in Europe
- Focus on European-level regulations that affect bees and their environment.
- Chair of the EU Bee Partnership
- Developer of the EUBP Platform





# EU Bee Partnership (EUBP)

- Stakeholder group moderated by EFSA around the topic of bee/pollinator health
- Launch of the **EU Bee Platform in 2017:**
  - Terms of Reference:  
<https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/sp.efsa.2018.EN-1423>
  - Objective: improve data collection, management, sharing and communications to achieve a holistic approach to the assessment of bee health in Europe and beyond
- **COLOSS is member**



# The Platform

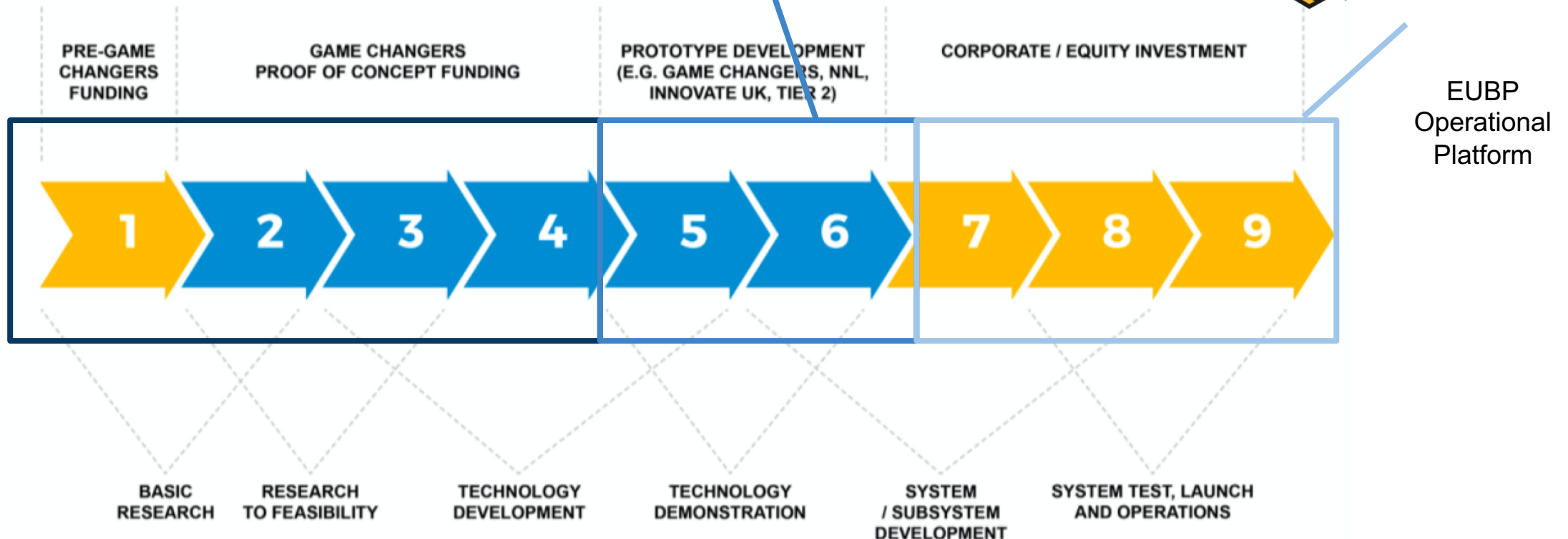


**EU BEE  
PARTNERSHIP  
PROTOTYPE  
PLATFORM ON  
BEE HEALTH**



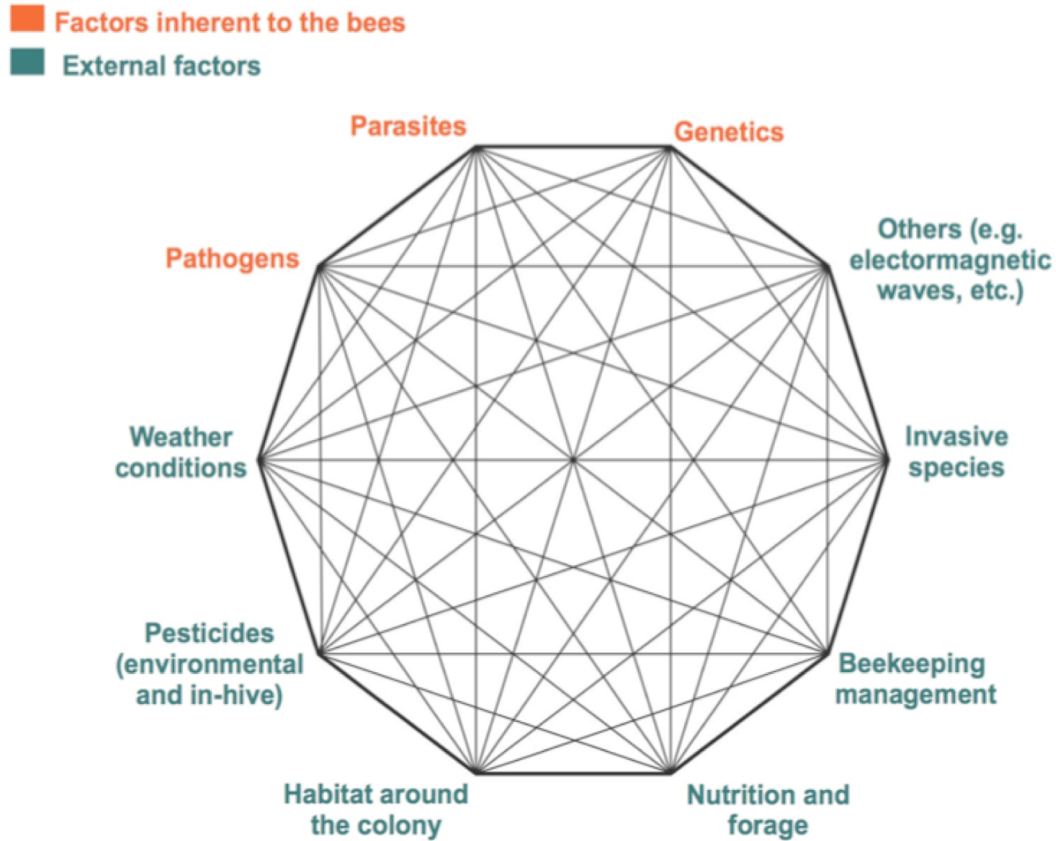
The Bee Hub

Presented to  
you in Toledo



**Guide to Technology Readiness Levels for the NDA Estate and its Supply Chain**

# The EUBP Platform for Pollinator data



*Factors affecting bee health and their interactions*

## Standardised Repository for the Bee Community

**Proposed in Europe, going beyond!!**

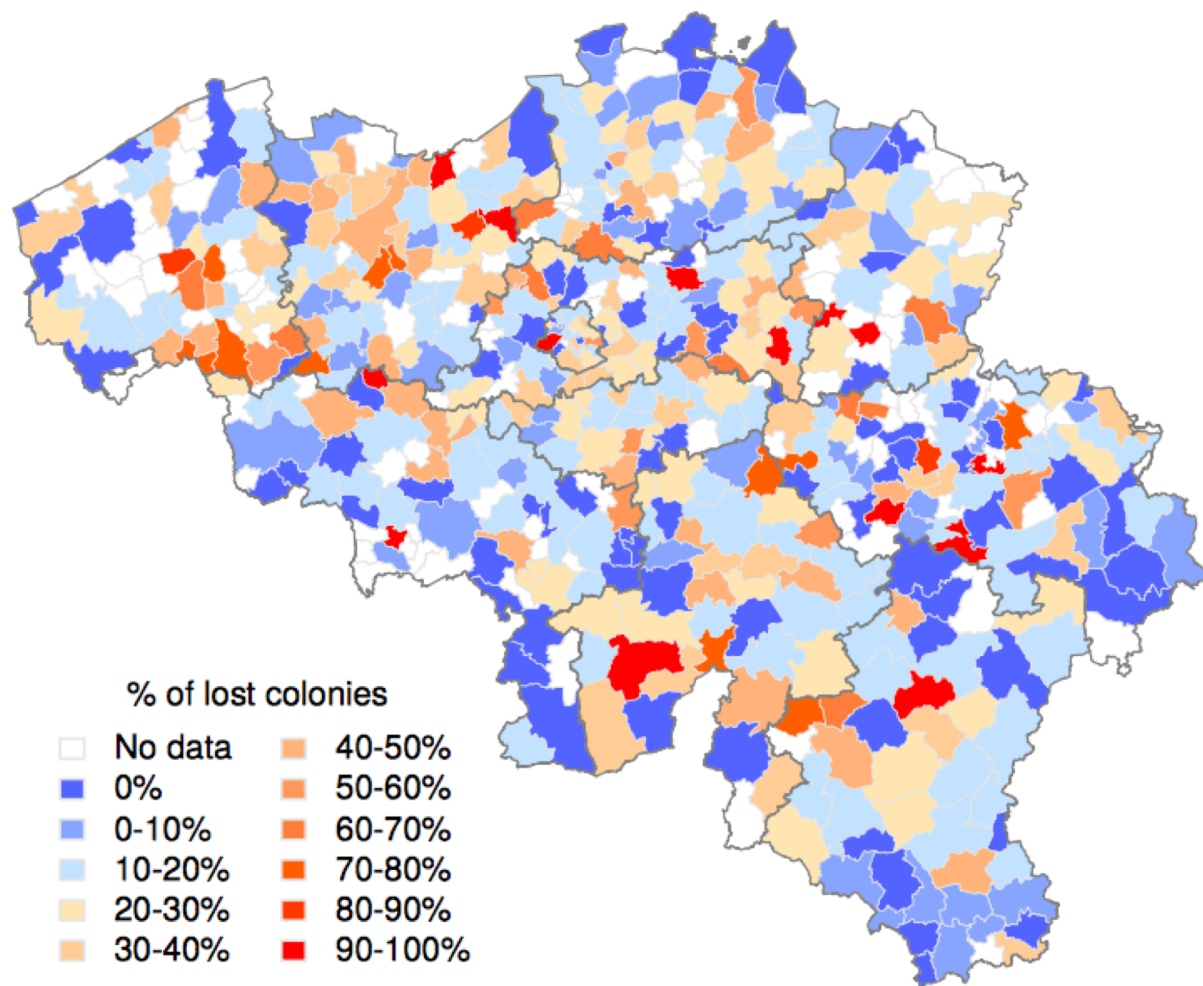
### Objective:

- Data portal/Repository for everybody working on bees and pollinators use
- Data centralisation to make sense of it
- Standardise datasets so they are comparable or well described
- Visualisation of the merged datasets/projects/researchers
- Security and privacy!!

# Pollinator situation

## *Apis mellifera*

### Winter losses of colonies (Belgium) Winter history 2011-2017



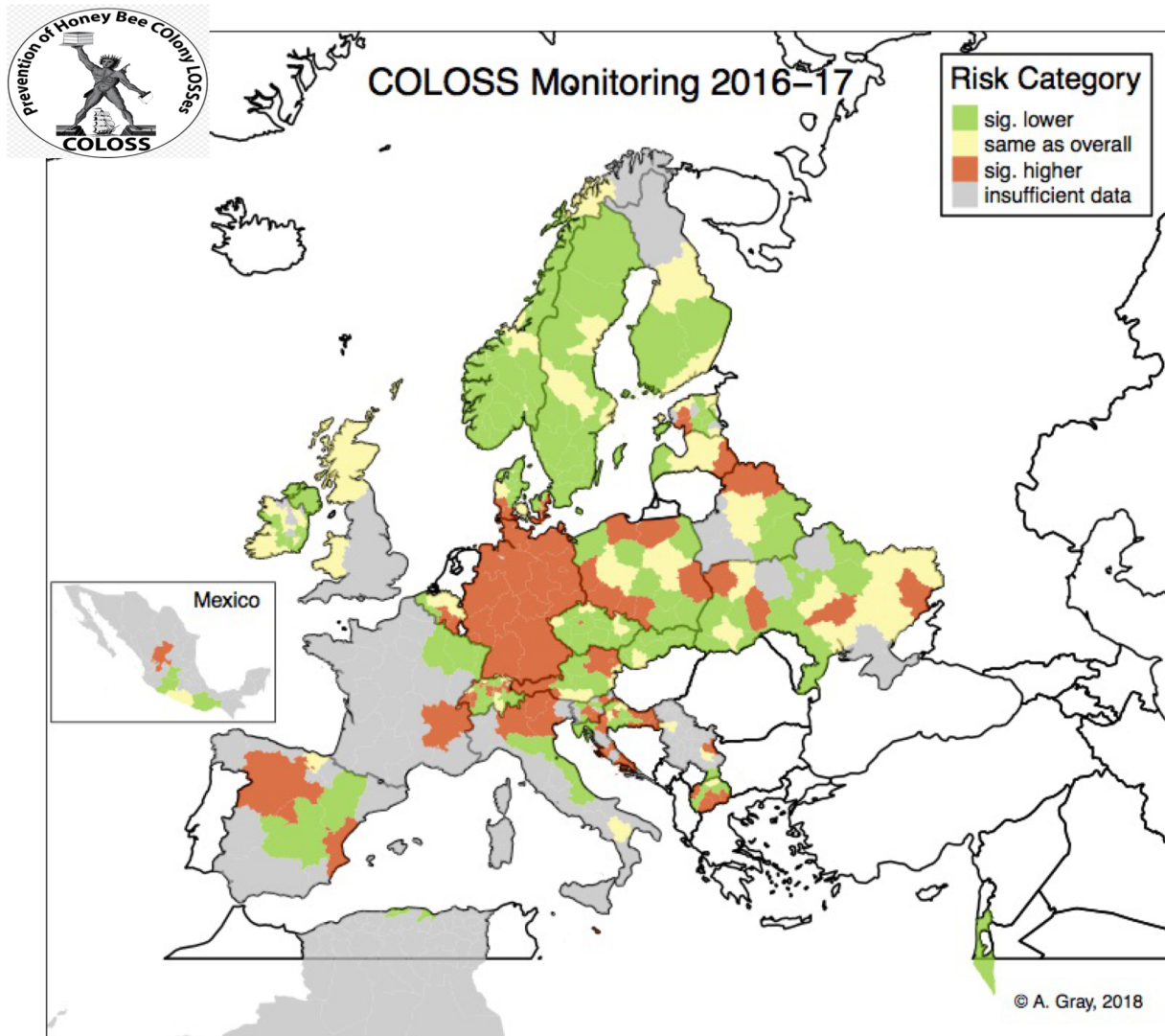
Data analysis made possible by Belgian project RT 17/3 BEESYN



Source: CARI, Honeybee Valley, CRA-W, FASFC

# Pollinator situation

## *Apis mellifera*



Winter colony losses (COLOSS) -  
Estimated (Mortality based on Mixed  
Models BLUPs estimates)

Winter 2016-2017

Data collected by national  
coordinators in many countries  
participating in the COLOSS  
network

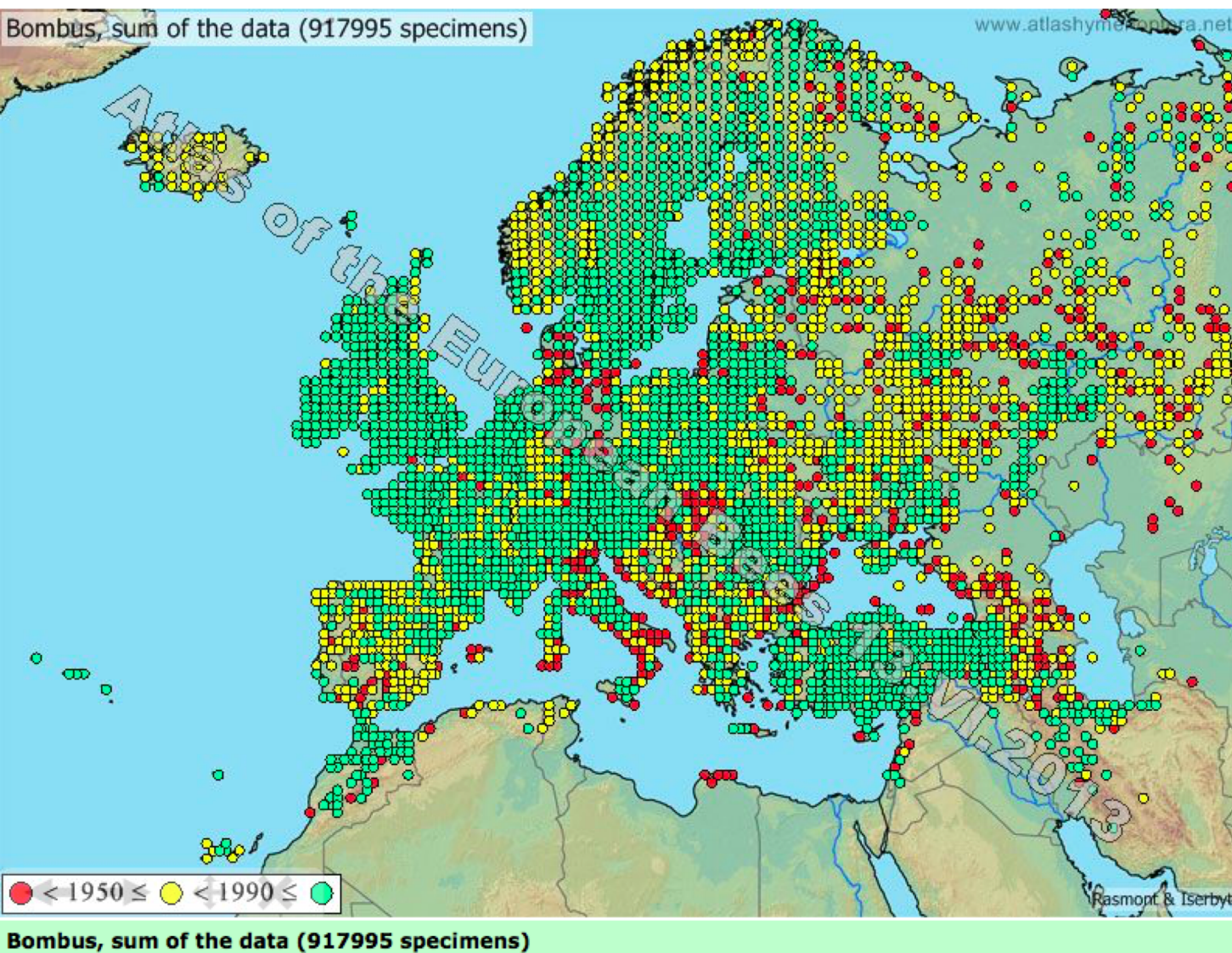
European average = 12%

Source : Brodschneider et al., 2018.



# Pollinator situation

## *Bombus* spp.

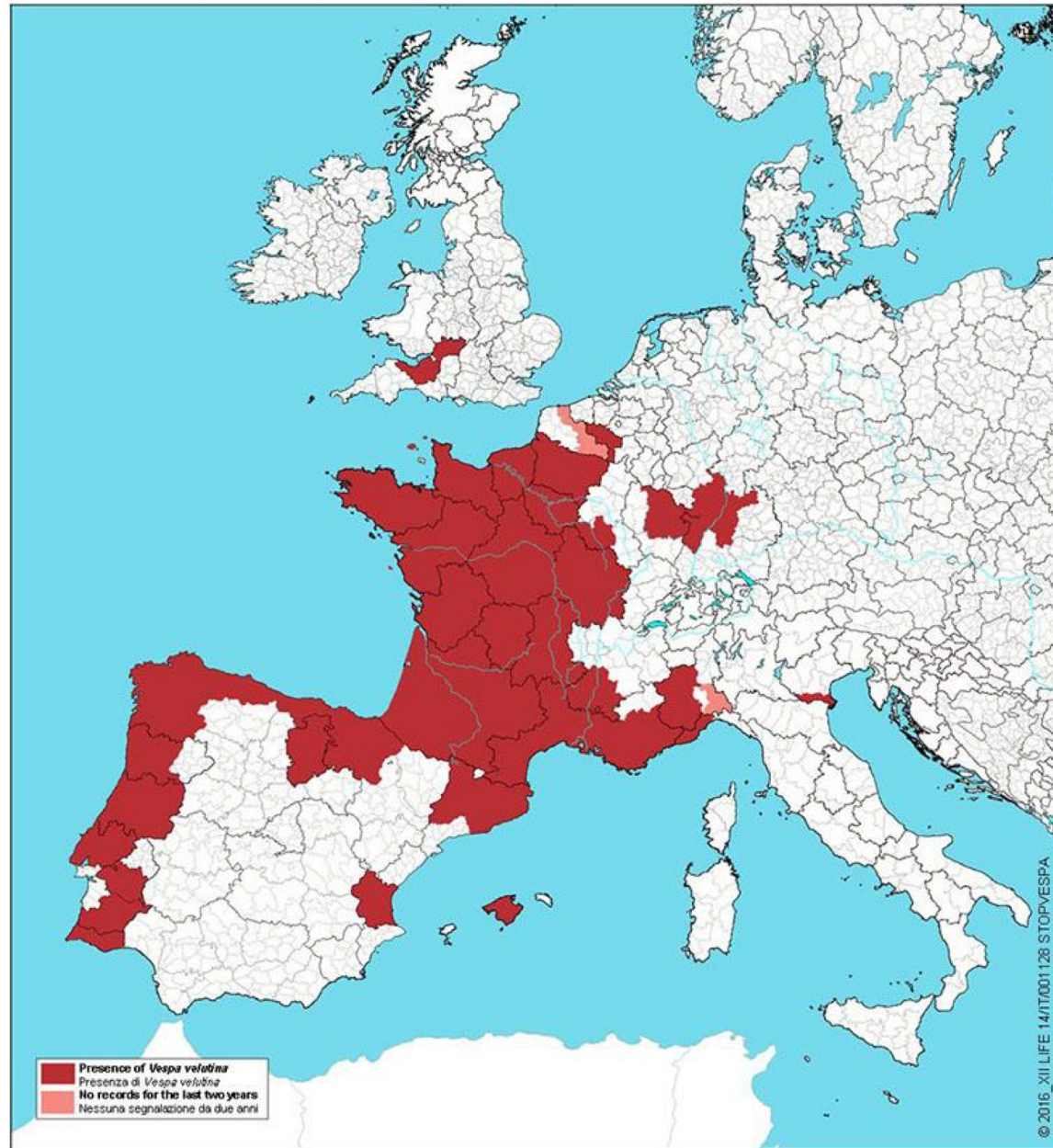


Production of publicly available maps on the abundance and richness of wild pollinators.

Trends in populations of different pollinators are similar.

Someone has to gather this information

Source: Atlas hymenoptera



Follow the distribution of  
*Vespa velutina*



# How can you become part of the community?

**DATA PROVIDER:** If you have any project/initiative gathering data on pollinators, please consider to use the platform to gather/store the data:

- secure
- data under embargo until you decide
- accessible in the future for other researchers
- standardised - useful
- anonymised

If you want, you can get a publication just for the dataset (with doi, etc.)

Have access to automated reporting on the data



**HELP US IDENTIFY NATIONAL RELEVANT DATA**



**SPREAD THE WORD**



In collaboration with BeeXML

<https://beexml.org>

BeeXML Journal: <https://beexml.pubpub.org>



# Italian data providers

- UNAAPI (national) – Already a data provider (data verification)
- Aspromiele (regional) – Already a data provider (data verification)
- ARPAT (regional)– In the process to become a data provider
- Osservatorio dei mieli – interested in the initiative and evaluating how to implemented
- BeeNet – contacted
- Researchers – proposed as data repository for their publications

# Thank you for your attention!!

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Coordination

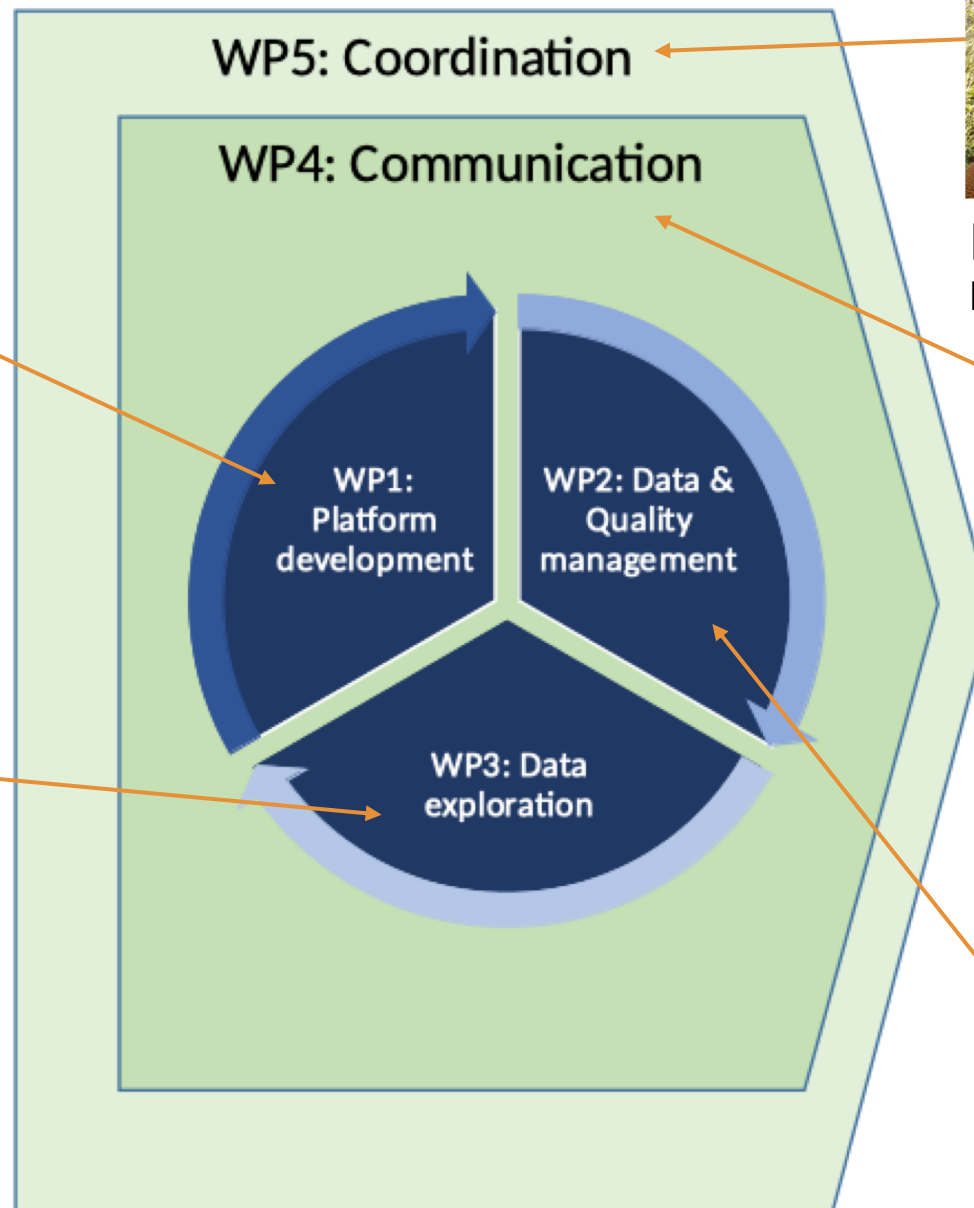


# Who is behind?

Gregor Sušanj  
ZIP Solutions



Gilles San Martin  
CRA-W



Noa Simon  
BeeLife



Kata Gocs  
BeeLife



Michael Rubinigg  
Steirischer  
Landsverband für  
Bienenzucht