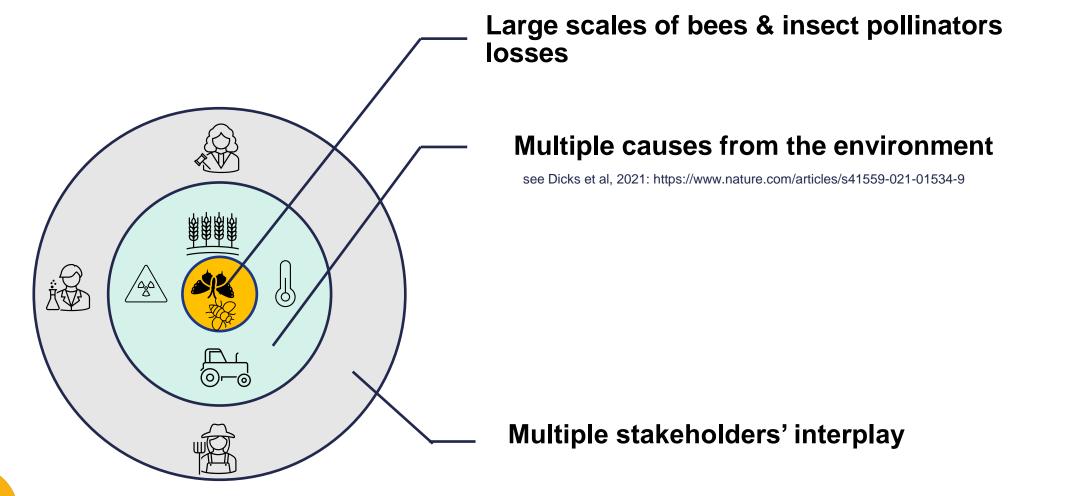
Progress report on activities

Agnès Rortais PLANTS Unit, Monitoring Team



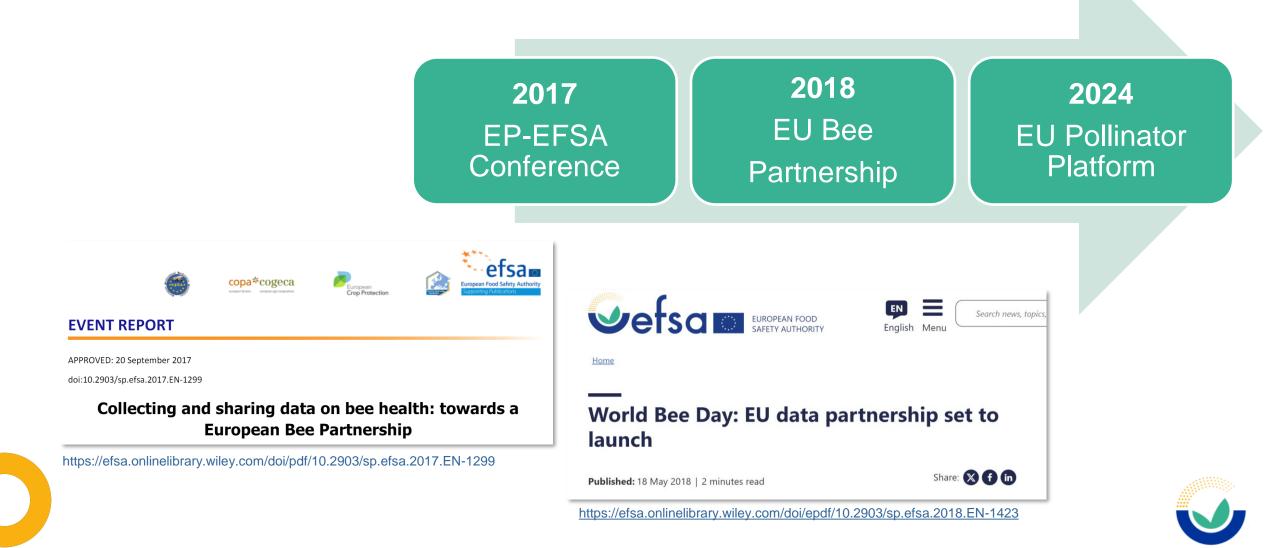
CONTEXT



Protecting bees & insect pollinators relies on **cooperation** among institutional agents, researchers and all other involved stakeholders



TRIGGER FOR EU POLLINATOR HUB



EVOLUTION OF THE EU POLLINATOR HUB









2019 PROOF OF CONCEPT 2021 PROTOTYPE PLATFORM 2024 OPERATIONAL PLATFORM BEYOND 2024 PLATFORM for use by MS?



OPPORTUNITIES & SERVICES OFFERED BY THE HUB

Currently available

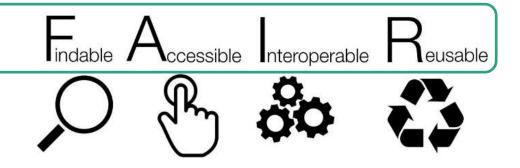
- open access to research data
- data models & standards with terminologies
- data quality & interoperability
- good practices with data providers



• risk communication to risk assessors/manager

In the future

- awareness & understanding on pollinator data / trends / mitigation options
- integrated & holistic assessments (large aggregated datasets, epi studies)
- research needs by highlighting missing information & data gaps





DATA PROVIDERS & END USERS



EU POLLINATOR HUB RELEVANCE for MS

The hub can strengthen MS ability to protect bees/pollinators by:

- Offering harmonised protocols for monitoring bee health and insect pollinator populations at local/national levels
- Collecting and gathering standardised data on environmentally-bee friendly practices, insect population trends for further use by MS community at large (field practitioners and regional/national associations, local business enterprises, RA/RM from national authorities, national universities and research centres, etc.)
- Raising public awareness and communicating on state of bees/pollinators at national level



Concrete examples of the platform's uses



MONITORING POPULATION: e.g. Honey bees

POLLINATOR

HUB

🕷 Slovenian hive scales	Maximum value per scale - This table displays the maximum weight value (column Max) for each scale/beehive and the date at which this maximum was reached. You can filter the table to chose a subset of data to show on the graph and on the map. Show 10 entries Search:						Graph – 🦨
arning : this is a prototype orking on a temprorary cleaned version of the dataset. Chose the measure ①							40-
Net weight (kg)	ScaleID \$	Max 🛊	Date 🛊	Region ‡	Locality :	Area 🕴	melliphi (kg)
Chose the year	All	All	All	All	All	All	Net weld
2014 -	SC247	55.7	2014-10-06	Osrednjeslovenska	KRIM	KUREŠČEK	
	SC239	43.5	2014-07-07	Savinjska	GORNJI GRAD		-20-
6	SC241	40.1	2014-10-17	Osrednjeslovenska	IŠKA VAS	KRIM	Jan 2014 Apr 2014 Jul 2014 Oct 2014 Jan 2015
	SC283	34.6	2014-07-20	Primorsko- notranjska	ZAHOD	GOTENIŠKA GORA	NB : double click on the graph to reset.
	SC250	31.4	2014-07-08	Osrednjeslovenska	KUNČ	KOČEVSKI ROG	Map - 2
	SC269	27.9	2014-09-12	Podravska	RUŠKO POHORJE	VZNOŽJE	+ - KLAGENFURT - KLAGENFURT
	SC257	27.8	2014-07-08	Goriška	MENIŠIJA	LOGAŠKA PLANOTA	
	SC254	25.4	2014-09-29	Pomurska	MALI BAKOVCI	PREKMURJE	
	SC265	25.1	2014-10-04	Savinjska	PREBOLD	VRANSKO	
	SC275	25	2014-06-23	Podravska	SLOVENSKE GORICE	LENART	ZAGREB
EU	Showing 1 to 10 o	of 66 entries	Previous	1 2 3	4 5 6	7 Next	CF CF CF CF CF

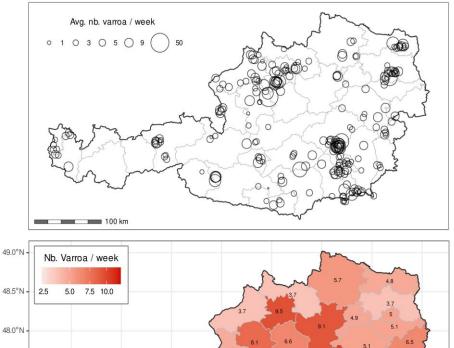


Leaflet | OpenStreetMap contributors O CARTO

NB : the positions on the map are approximate.

COMBATTING PESTS: e.g. VARROA

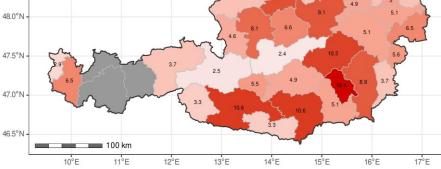
EU Pollinator Hub > Data Catalogue > Varroa monitoring Austria Management Varroa monitoring Austria You are able to edit this model because of sufficient Results from a Varroa monitoring program in various apiaries in Austria administrative privileges. Provided by: Biene Österreich – Imkereidachverband View in Management Contributors: Michael Rubinigg An eight-year survey of Varroa destructor infestation rates of western honey bee (Apis mellifera) colonies across Austria and Properties the spatial dimension, temporal dimension and weather factors that impact these infestation rates. Peer review status No peer review was requested. Reference Unique Identifier [VRRMN16.0.0] https://app.pollinatorhub.eu/data Rubinigg Michael, MacDonald Megan, Davenport Veronika, Hassler Ed, Hassan Awad, Shala-Mayrhofer Vitore, Cazier Joseph URI 2023 Aug, Predicting Varroa: Longitudinal Data, Micro Climate, and Proximity Closeness Useful for Predicting Varroa set-discovery/VRRMN16.0.0 Infestations (I1.A1). (English) [2023-11-04] External link Published 13 December 2023 00:00:00 Keywords Austria, Varroa destructor, monitoring Download Data collection years Licence CC BY-SA 4.0 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 Regions, the data was collected in Österreich 😺 Download Data Download Everything Download metadata Table Description Formatted Downloads Citation Michael Rubinigg 2023. Results from a Varroa monitoring The table maps the relationship between beekeepers program in various apiaries in Austria Ed. Biene Österreich hive (anonymised users of the web application which is used by Download - Imkereidachverband [2024-04-20] beekeepers to provide Varroa infestation data in their bee [UID:VRRMN16.HIVEA141.0] https://app.pollinatorhub.eu/datasetyards) and the hives for which t... discovery/VRRMN16.0.0



Edit

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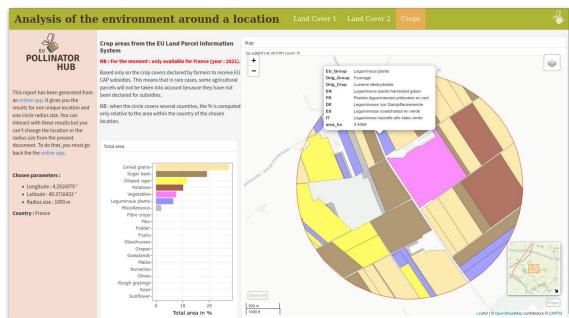
Q



ADVISORY SERVICES

Distribution of notifiable diseases, landscape information on apiaries, etc.









- Is there any interest in using the platform and for which purpose?
- Which specific services to be delivered by the platform would you be interested in (whether currently available or to be implemented)?
- What would be your suggestions to ensure the continuation of the platform and its maintenance over time?



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