

Civil Dialogue Group on Beekeeping
Bruxelles, 22nd of April 2024

B-THENET: **the Thematic Network** **of European Beekeeping**



B-THENET Thematic Network

**B-THENET is the first Thematic Network in Europe
Focused on Best Beekeeping Practices and Innovations.**

It is based on a **multi actor approach**, engaging: beekeepers, advisors, researchers, policymakers, industry, consumers, and all stakeholders of the beekeeping sector.

Best practices and ready-to-use research innovations are:
prioritized and described, using a **bottom-up methodology**.



**HORIZON
EUROPE**



The B-THENET TN Consortium

The B-THENET Consortium consists of a **balanced mix** of:

- Research organizations
- Universities
- International and national beekeepers' associations
- Centers for advisors training
- Centers for social sciences and humanities
- Agencies on communication and dissemination



INTERNATIONAL
PARTNER



With The Support of:



National Beekeeping Association +
Research Organization/Advisory Service



World Organisation
for Animal Health
Founded as OIE



The B-THENET TN Consortium

1. Beneficiaries

IZSLT (Coordinator; Giovanni Formato)

APRE (Chiara Pocaterra)

APIMONDIA (Jeff Pettis)

LOBA (Alexandre Almeida)

Swedish University of Agricultural Sciences

(Lotta Fabricius Kristiansen)

BEELIFE (Noa Simon Delso)

Danish Beekeepers' Association

(Flemming Vejsnaes)

Slovenian Beekeepers' Association

(Peter Kozmus)

Complutense University of Madrid

(Aranzazu Meana)

Hellenic Agricultural Organization (Fani Hatjina)

University of Zagreb (Ivana Tlak Gajger)

National Institute of Horticultural Research

(Malgorzata Bienkowska)

University of Veterinary Medicine and

Pharmacy in Košice (Juraj Toporcak)

Ghent University (Dirk de Graaf)

Hohenheim University (Kirsten Traynor)

Latvia University of Life Sciences and

Technologies (Aleksejs Zacepins)

University of Veterinary Medicine, Budapest

(Gyula Kasza)

University of Graz (Robert Brodschneider)



The B-THENET TN Consortium

2 Collaborating Partners : Beekeeping associations

- **Austria:** Biene Österreich;
- **Belgium:** Vlaams Vulgarisatiecentrum voor Bijenteelt;
- **Croatia:** Associations of Croatian Beekeeper;
- **Germany:** Deutscher Imkerbund;
- **Greece:** Federation of Greek Beekeepers' Associations;
- **Hungary:** National Hungarian Beekeeping Association;
- **Italy:** Associazione Romagnola Apicoltori;
- **Latvia:** Latvian Beekeepers Association;
- **Poland:** Krakow Beekeepers Association;
- **Portugal:** Portuguese Federation of Beekeepers;
- **Slovakia:** Slovak Association of Beekeepers and Secondary Vocational School Pod Bánošom
- **Spain:** Asociación de Apicultores de Guadalajara, Aula Apícola Sierra de Hoyo, Asociacion de Veterinarios Especialistas en Sanidad y Produccion Apicola de España and Fundación Amigos de las Abejas;
- **Sweden:** Swedish Beekeepers Association and Swedish Professional Beekeepers.



The B-THENET TN Consortium

2. Collaborating Partners: Research institutions

- **Denmark:** University of Aarhus;
- **Slovakia:** Slovak University of Agriculture in Nitra
- **Slovenia:** National Veterinary Institute of Slovenia



The B-THENET TN goals

- Identify with a **bottom-up approach** the most important practices for EU beekeepers
- **Develop and validate** at least **20 Best Beekeeping Practices every year** (for a total of at least 80 practices), that are **tailored to the local beekeeping conditions**, with a **multi-actor approach** (14 languages, to ease participation of stakeholders)
- **Disseminate** and share **knowledge** on Best Beekeeping Practices between **beekeepers, advisors and stakeholders**
- Have a more **sustainable, resilient and competitive EU Beekeeping Sector**

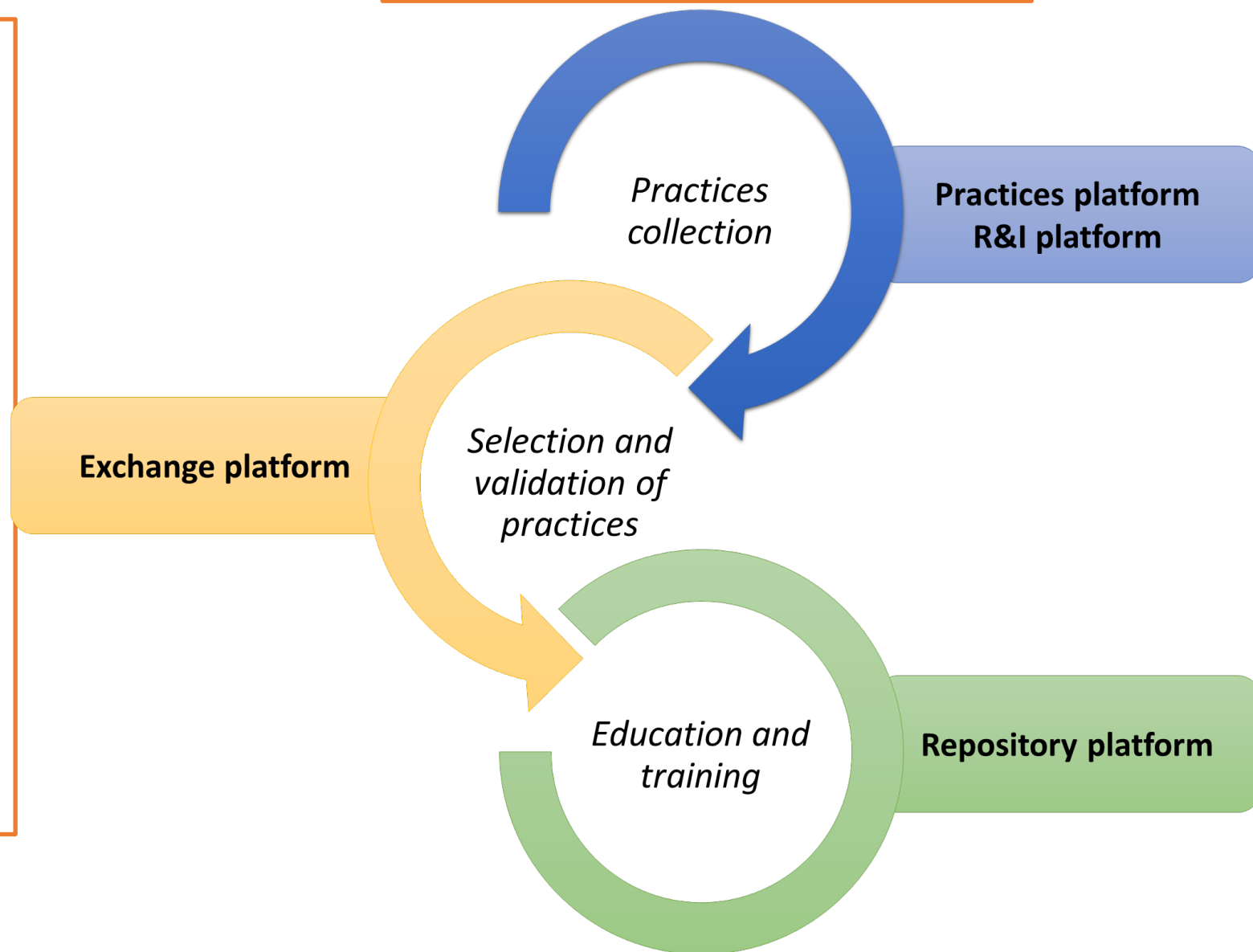
The B-THENET TN structure



Activities started on
1st Sept. 2022 and will last 4 years
(end: on 31st Aug. 2026)

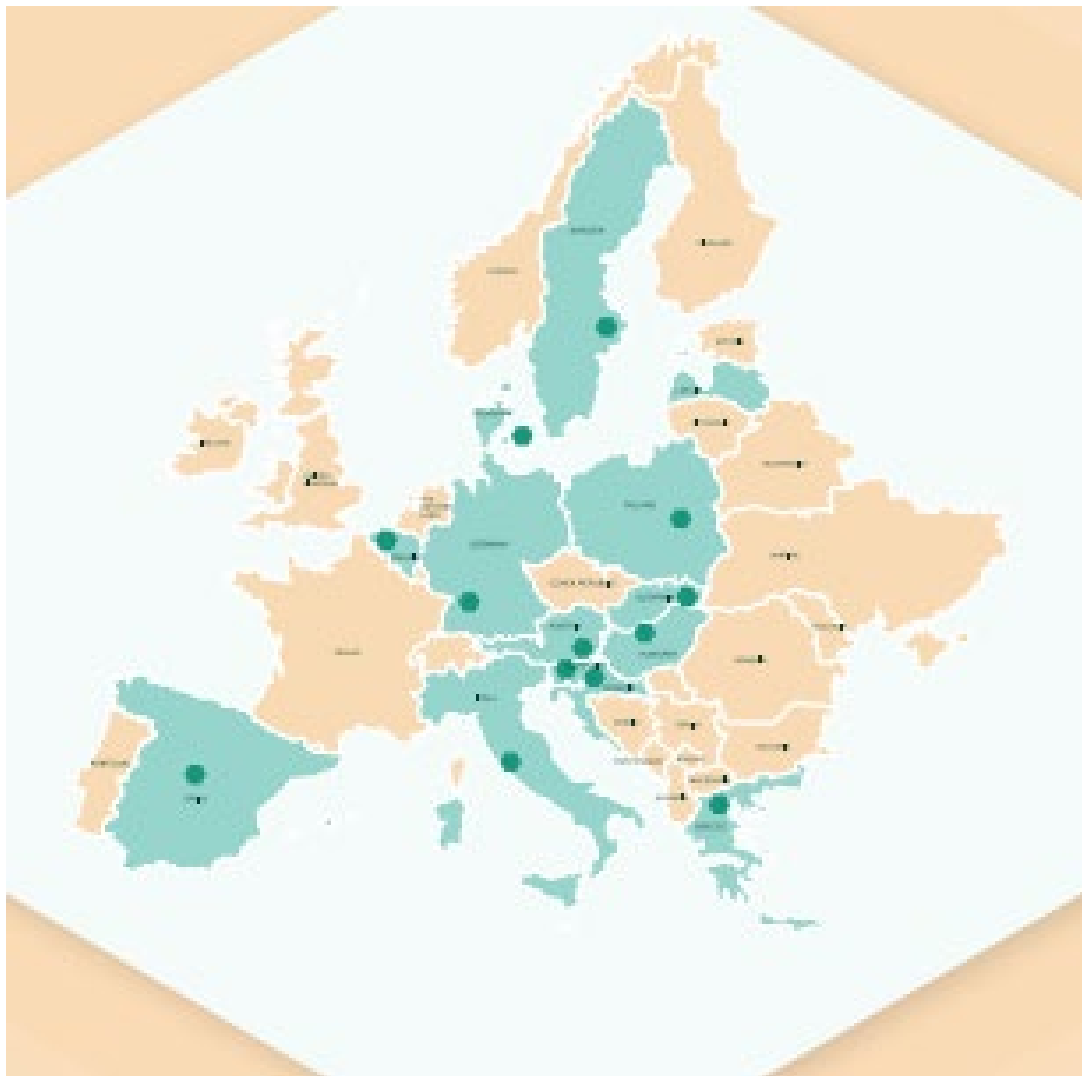
Activities consider the
practices' collection and
prioritization, description
and **validation**, via
4 ONLINE PLATFORMS

Stakeholders are involved in
a process of **knowledge**
sharing, education and
training on Best Beekeeping
Practices.





The B-THENET TN activities of knowledge sharing and training on Best Beekeeping Practices



13 NATIONAL B-THENET CENTRES

for knowledge sharing and training among:
beekeepers (2080)/young
beekeepers (780),
advisors (520) and all other
stakeholders in the EU

3 INTERNATIONAL B-THENET CENTRES

for:

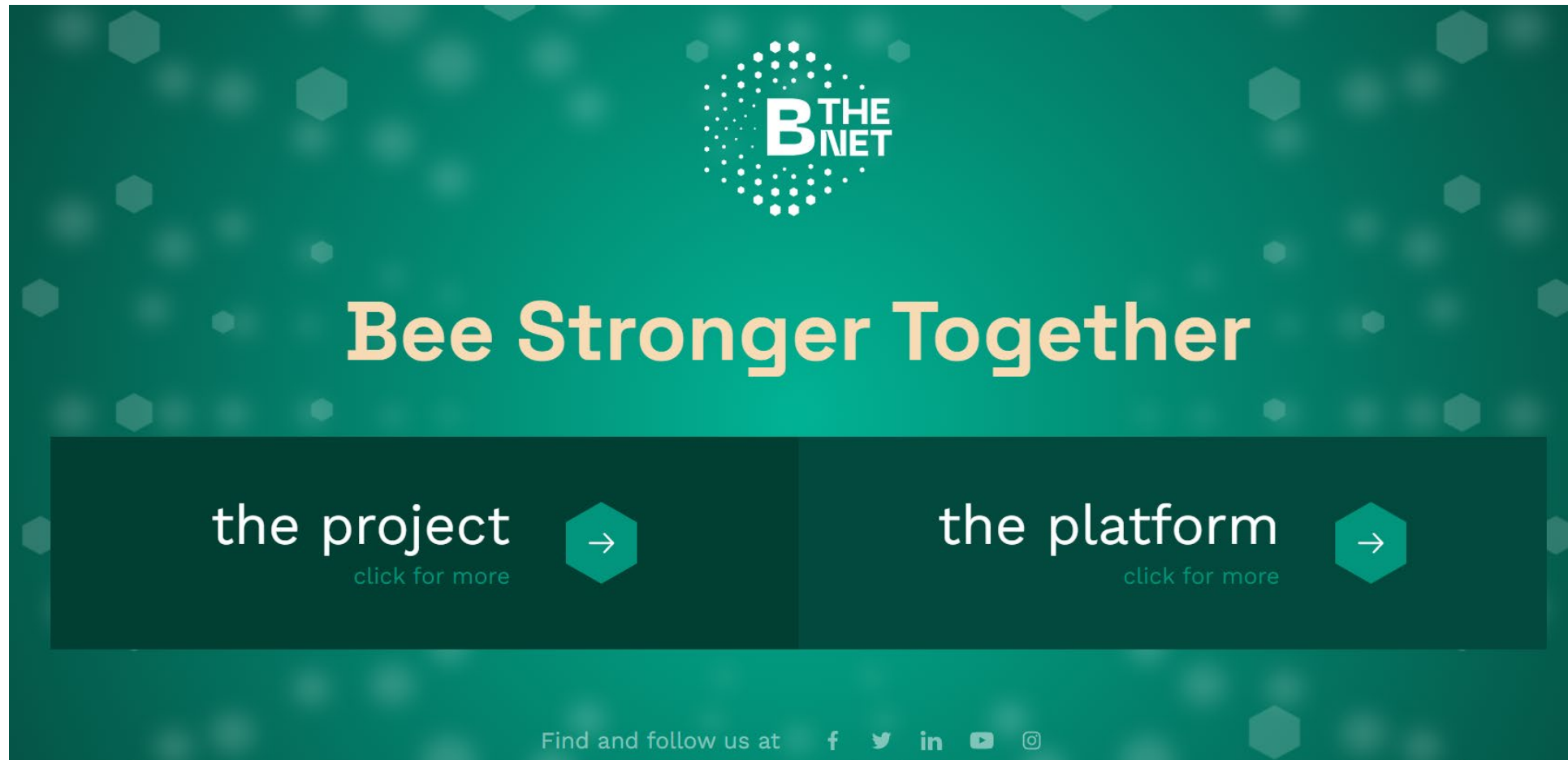
- **Beekeepers,**
- **Advisors** and
- **Other Stakeholders.**

Headquarters are based in 4 different countries.



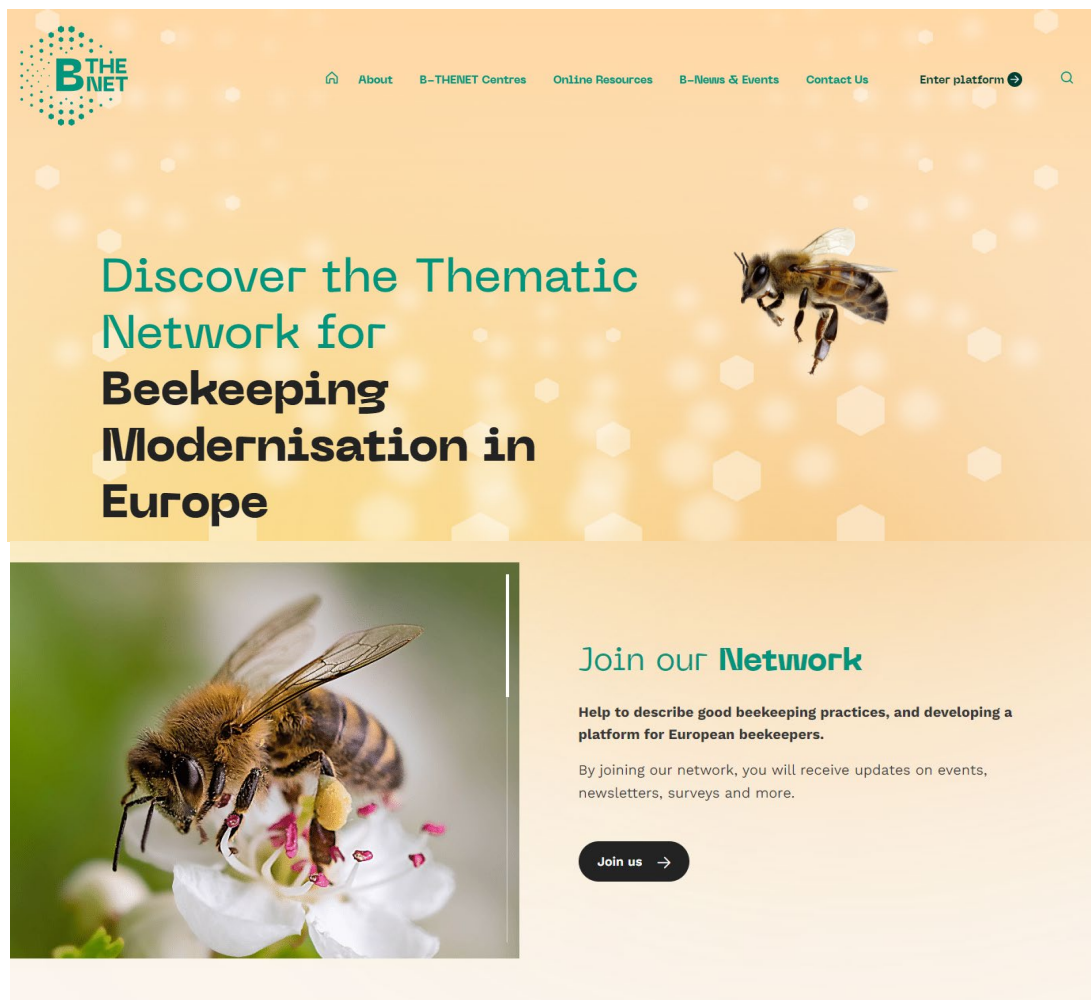


The project website and platform
www.bthenet.eu





Project website: bthenet.eu



- About the project
- B-THENET Centers
- Online Resources
- B-News & Events
- Contact Us



Project platform: bthenet.eu/platform

Online development of practices with descriptions, images, videos, etc...

Registered users can post comments, questions and add tips to improve practices

The screenshot displays the BTHE NET platform interface. At the top, there is a navigation bar with the BTHE NET logo and three main categories: Good Beekeeping Practices, Biosecurity Measures, and Research & Innovation. Below this, a breadcrumb trail indicates the current page: Home / Good Beekeeping Practices / Colony set-up and daily management / maintenance / Clean the hive with bleach. The main title of the page is 'Clean the hive with bleach'. Below the title, there are links for 'Exchange' and 'Italy', and social media icons for LinkedIn, Facebook, Twitter, and YouTube. A large image shows a person wearing yellow gloves cleaning a beehive frame. To the right of the image, there is a table with the following data:

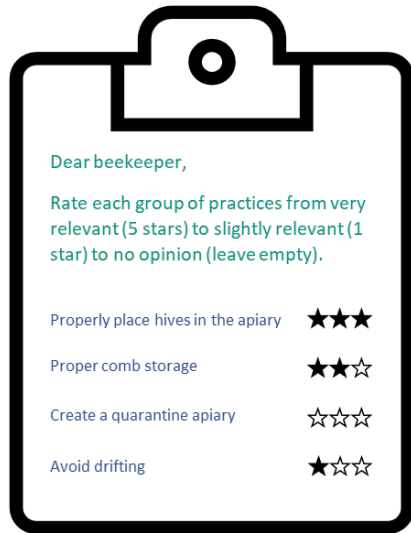
Item	Beehive
EU climatic area	Cold, Temperate, Sub-tropical
Colony status	Always applicable
Production line	All
	Not applicable
	9 Detail

Below the image and table, there are three buttons: 'Comments', 'Questions', and 'Tips'. The 'Comments' button is highlighted. Below these buttons, there is a section titled 'Leave a Comment'. It shows the user is logged in as 'Marco Pietropaoli' and provides links to 'Edit your profile' and 'Log out'. A note states 'Required fields are marked *'. There is a large text input area for the comment, and a 'Send comment' button at the bottom.

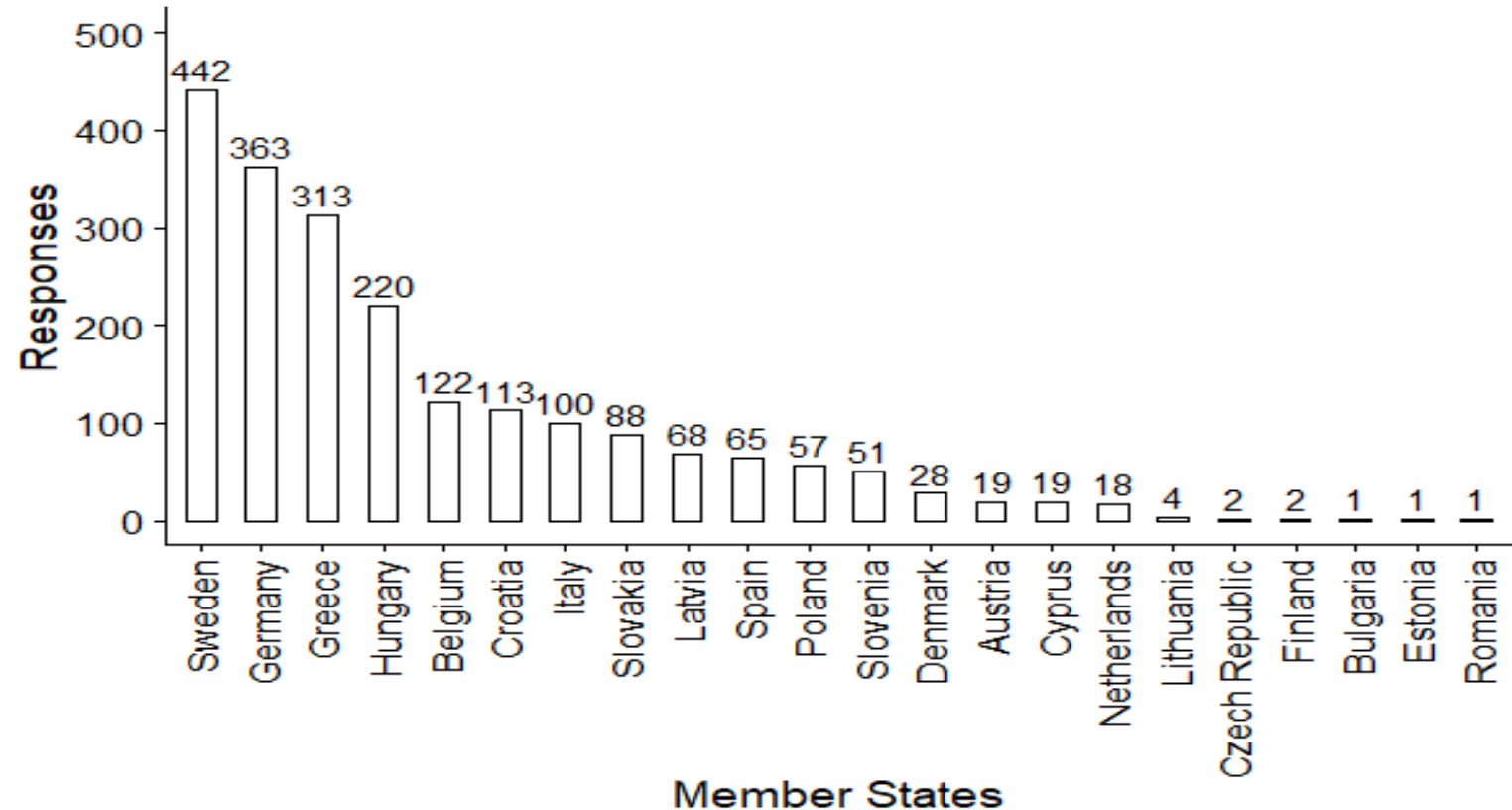


1. Prioritization of practices:

2,094 answers from 22 EU Member States



EU survey



2. Description of the priority beekeeping practices on the Exchange platform

280 Best Beekeeping Practices (177 Best Beekeeping Practices and 103 Biosecurity Measures) were described on the platform and available for open discussion with local beekeepers and advisors



[Home](#) / [Good Beekeeping Practices](#)

Themes



Apiary set-up and management / maintenance



Bee feeding and watering



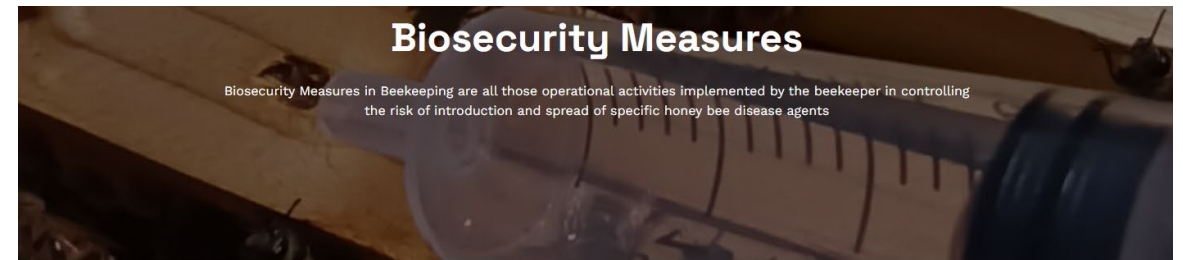
Colony set-up and daily management / maintenance



Record keeping

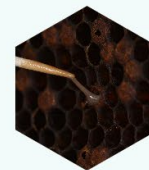


Routine (preventive) hygiene practices



[Home](#) / [Biosecurity Measures](#)

Themes



American foulbrood



European foulbrood



Nosemosis



Small Hive Beetle



Varroosis



Vespa velutina




3. Validation of the described beekeeping practices on the Exchange platform

The described beekeeping practices were **validated by the local beekeepers and advisors** according to the B-THENET methodology

Does the description correspond to the practice applied in your country? 46 1


Good Beekeeping Practices

Filter by:




Exchange

Ermittlung des Platzbedarfs des wachsenden Volkes




Exchange

Verwendung von umweltverträglich Stoffen zur Varroabekämpfung



Exchange

Επιλογή περιοχών που δεν εκτίθενται σε υπερβολική



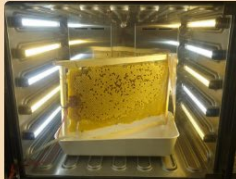
Exchange

Vyhýbanie sa prekážkam pre včely

Fyzické pr English

Biosecurity Measures


Filter by:



Exchange

Trattamenti termici


I trattamenti termici sono utilizzati per il controllo della varroosi, in



Exchange

Inspärrning av drottning


Det här är en metod som kontrollerar varroakvalstrets möjlighet att reproducera



Exchange

Värmebehandlingar

Detta är ett alternativt sätt att kontrollera varroa på. Det bygger på konceptet att varroakvalstren dör vid



Exchange

Identifizierung des besten Zeitpunkts für Varroa

English

4. Best Beekeeping Practices are available on the Repository Platform


The **validated Best Beekeeping Practices** (min. 20/country) were uploaded to the long-term **Repository Platform**

Themes for the first set of Best Beekeeping Practices:

1. Good Beekeeping Practices: Apiary setup and management/maintenance
2. Biosecurity Measures: Varroosis


Good Beekeeping Practices

Filter by:




Best practice

Opstil din bigård således at bierne udsættes for så mindst



Best practice


Dodržiavanie bezpečnej vzdialenosti od domov/dedín



Best practice

Správne umiestnenie úľa

Správne umiestnenie úľa zohľadňuje nie len potreby včiel ale aj dobré susedské




Best practice

Vyhýbanie sa oblastiam vystaveným nadm

English

Biosecurity Measures


Filter by:



Best practice

Použitie kyseliny šťaveľovej


Kyselina šťaveľová je organická látka určená na terapiu klieštikovosti.



Best practice

Umiestnenie kráľovien do klieťok

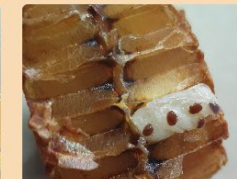
Účelom klieťkovaní je znižovanie účinnosti ošetrov



Best practice

Ošetrenie teplom

Teplné ošetrenie zaviečkového plodu dokáže účinne usmrtiť



Best practice

Odstránenie plodu

Jednoduchým nástrojom boja proti klieštikovosti môže byť

English

**Thank you for your
kind attention!**



Join the Network!



Register to the
platform!



Contact us

info@bthenet.eu

Our Consortium



Istituto Zooprofilattico Sperimentale
del Lazio e della Toscana *M. Aleandri*



APRE
Agenzia per la Promozione
della Ricerca Europea



UNIVERSIDAD
COMPLUTENSE
MADRID



InHort
INSTYTUT OGRODNICTWA



GHENT
UNIVERSITY



UNIVERSITY OF
HOHENHEIM



Latvia University
of Life Sciences
and Technologies



KARL-FRANZENS-UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ



LOBA



Funded by
the European Union

