



EIP-AGRI FOCUS GROUP

BEE HEALTH AND SUSTAINABLE BEEKEEPING **MINI PAPER 1 PLATFORM OF INFORMATION AT EU LEVEL**

Etienne Bruneau (Coordinator), Florence Aimon-Marié, Ulrich Bröker-Bauerer,
Salvador Garibay, Aleš Gregorc, Ana Paula Sançana, Petko Simeonov

INTRODUCTION MOTIVATION

- **Knowledge transfer and capacity building** for healthy honeybees and sustainable beekeeping **is of major concern**. But what knowledge are to be trusted as **valuable information** and how can **we bridge best available knowledge** and existing beekeeping practices? Communication is a two-way activity, meaning that if we want to make a change **the bottom-up perspective is important**.
- If we compare beekeeping to other agricultural practices, there are some specific challenges to take into account: **diversified target group** (large- to small-scale), mainly **micro-businesses** and **self-subsistence, geographically scattered** rural entrepreneurs, gender and **wide age structure**, the will or ability to **pay for professional services**, lack of tradition in formalised competence development and **autodidacts** (trainers and educators are self-trained as pedagogues).
- This minipaper is describing the **actual situation for knowledge transfer** in Europe today and **is defining the trends** of how the beekeeping sector is gaining access to information.

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4 GENERAL ISSUES

Each country has specific beekeeping

DIVERSITY OF BEEKEEPING

01

02

Diversity of support
Validation of datas

ACCES TO INFORMATION

DATA COLLECTION

03

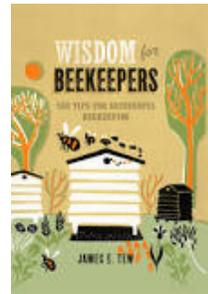
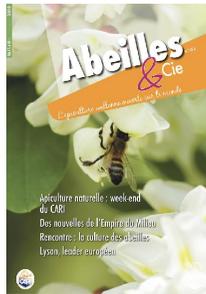
04

On the field (market, situation of beekeeping...)
Of research (adaptation to beekeepers)

DIVERSITY OF VIEWS

Beekeeping – public – farmers
Avoid conflicts

EXISTING PRACTICES



Journal, books, social networks, web sites, conferences, technical days, scientific databases, project reports, advisory services, courses, teaching resources

EVALUATION OF THE EXISTING TOOLS

COMPETITION BETWEEN THE MEDIA

→ Little exchanges between the structures

LIMITED CIRCULATION OF THE INFORMATION

By group, region, language or specific topic

By interest, level of knowledge

Journals and magazines	<ul style="list-style-type: none"> • SUPPORT : Paper - often associated with a web version • PUBLIC : small to large scale beekeepers
Books	<ul style="list-style-type: none"> • SUPPORT : Paper - sometimes associated with a web version • PUBLIC : all
Social networks	<ul style="list-style-type: none"> • SUPPORT : web version • PUBLIC : all, and non beekeepers
Web sites	<ul style="list-style-type: none"> • SUPPORT : Internet • PUBLIC : all
Conferences, technical days	<ul style="list-style-type: none"> • SUPPORT : events • PUBLIC : small to large scale beekeepers
Scientific databases	<ul style="list-style-type: none"> • SUPPORT : web version of papers • PUBLIC : scientist
Project reports	<ul style="list-style-type: none"> • SUPPORT : Paper - often associated with a web version • PUBLIC : members of the project + scientist ans technicians
Advisory services	<ul style="list-style-type: none"> • SUPPORT: Individual • Public: all, if available in the country

RESEARCH TOOLS OFFER A GOOD LEVEL OF SELECTION

→ DIFFICULTY IN IMPLEMENTING A TOOL THAT AFFECTS A LARGE NUMBER OF BEEKEEPERS AT EU LEVEL

ADVISORY SERVICES

CENTRALIZE INFORMATION

Training, articles, publications...

COLLATE INFORMATION FROM BEEKEEPERS

Advices, recommendations...

DEVELOP

Services (analyses, sales...)

Apply research to answer
beekeepers questions.

TRANSMIT THE ESSENTIAL INFORMATION

For hive management: sanitary
state, good production...

SPECIALISED STRUCTURE

Target framework...

FEW CENTER

on the interface

Agriculture - Beekeeping

HOW TO MANAGE THE INFORMATION ?

AVAILABILITY OF DATA

- Search engines
 - Inaccessibility of some information
- Inaccessibility of some information
 - Lack of translation, confidentiality of data...
- Type of medium on which it is stored

MANAGEMENT OF THE DATA FOR THE READER

- Reliability, relevance, upstanding, type of medium ?
- Adaptation at
 - Lack the level of scientific knowledge
 - The local environment

CONCLUSION

KEY MESSAGES

DISSEMINATION OF APICULTURE INFORMATION
IN EU IS CONFRONTED
WITH VARIOUS TYPES OF PROBLEMS

- Most important: **the diversity** of beekeepers' profiles, production conditions, information sources that are often not reliable, up-to-date, complete and adapted to their current needs

CONCLUSION KEY MESSAGES

DISSEMINATION OF APICULTURE INFORMATION
IN EU IS CONFRONTED
WITH VARIOUS TYPES OF PROBLEMS

■ To disseminate **validated basic information** that meets the needs of people in terms of health, environment or good apicultural practices

→ Adaptation of the **presentation and the channels** of dissemination according to the places and people affected.

The more the information is adapted to the target audience

→ the closer the transmission channel is, the better the transmission will be.

CONCLUSION KEY MESSAGES

DISSEMINATION OF APICULTURE INFORMATION
IN EU IS CONFRONTED
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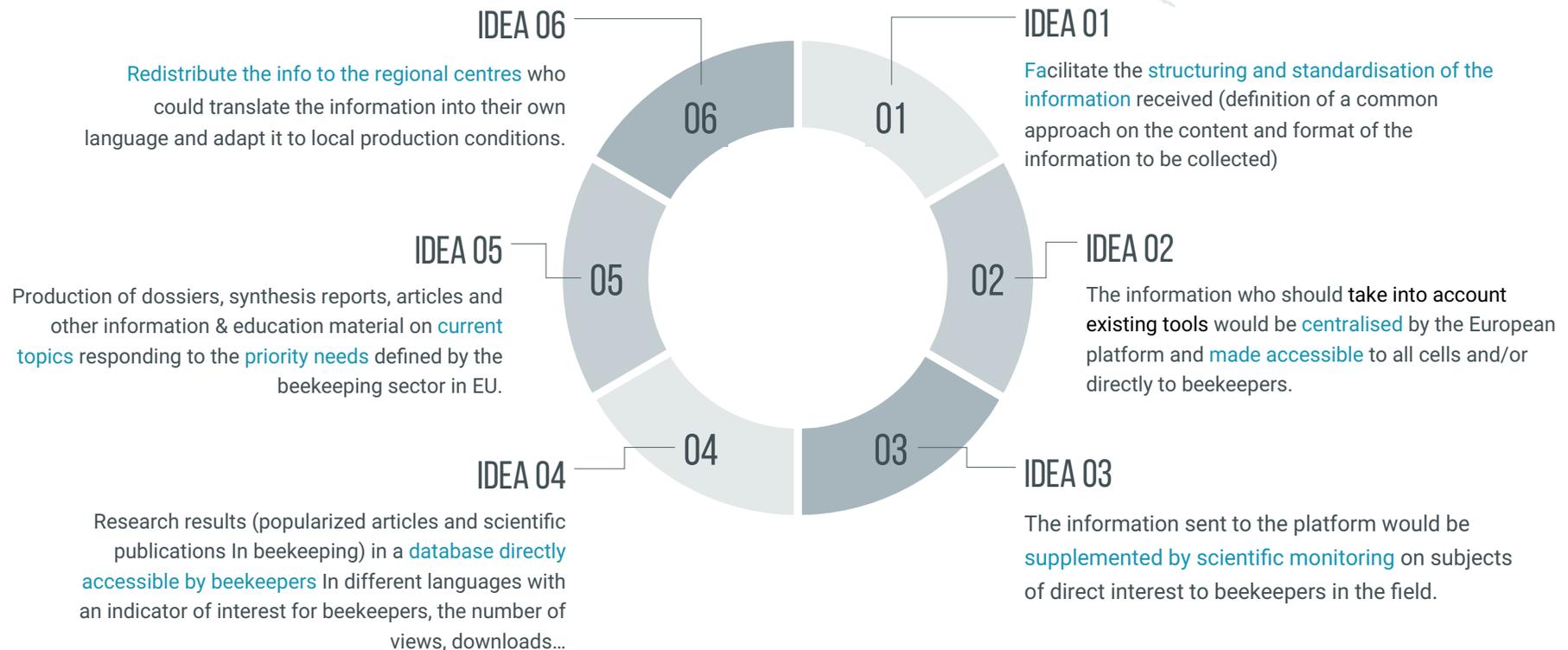
- Today, **new tools** in full development could be used without forgetting the **personal contacts** that remain essential.
- The **link between research and the field** is essential both
 - to adapt scientific articles to the beekeepers' level of knowledge and
 - to validate and disseminate the observations and field tests carried out by beekeepers.

IDEAS FOR INNOVATION

CREATION OF A
EUROPEAN PLATFORM
ASSISTED BY A SERIES
OF **REGIONAL CENTERS**
LOCATED BY
LINGUISTIC REGIONS .



BASE IDEAS



IDEAS FOR INNOVATION

Set up a study to better **describe the different sociological profiles of beekeepers** at European level in order to better understand their real needs and the motivations that lead them to become beekeepers.

ASPECT TO TAKE INTO ACCOUNT WHILE ADDRESSING THE ISSUES

KEYWORD 1

Ensure the promotion in communication among stakeholders at all levels. New stakeholder synergies and networks can be established to support the existing and initiating new projects in mentioned fields and topics.

KEYWORD 2

New tools and services, including education materials, on-site trainings, visits, demonstrations, **need to be performed by educated and professional personnel.**

KEYWORD 3

Exchange of good practices and **fostering a long-term network to support exchange of knowledge** on existing research solutions findings and implementation into beekeeping practice.

KEYWORD 4

Specific challenges need to be addressed at national levels, by **boosting the communication between stakeholders** (researchers, advisors, farmers/beekeepers, policy makers etc.).

KEYWORD 5

Current official advising agencies need to be functional and be able **to create a long-term network** to support exchange of knowledge on existing best practices and research findings.

ASPECT TO TAKE INTO ACCOUNT WHILE ADDRESSING THE ISSUES

KEYWORD 6

A set of tools and services need **to be re-evaluated and renewed** in order to promote essential innovative beekeeping and adjacent practices.

KEYWORD 7

New tools need to be identified, to recognise and solve existing or potential problems in beekeeping.

KEYWORD 8

End-users (beekeepers/farmers) included in communication **need to express their concerns and/or expectations**.

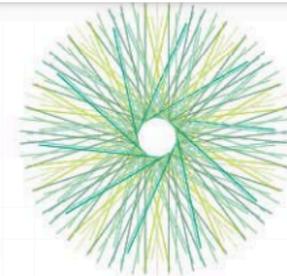
KEYWORD 9

Experts and policy makers present research results, best beekeeping practices **in their fields and policy-based solutions**.

KEYWORD 10

Innovative practices have to be established through collaboration between actors of the beekeeping industry, honeybee research groups/labs and national or international beekeepers' associations.

THE FUTURE STARTS TODAY, NOT TOMORROW.



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THANK YOU!
ANY QUESTIONS?

Etienne Bruneau – CARI asbl – Belgium Bruneau@cari.be cari.be butine.info



GET IN TOUCH WITH US!

- Address: Place Croix du Sud 1 1348 Louvain-la-Neuve Belgium
- Phone: +32 10 47 34 16 (office) + 32 477 23 00 36 (E. Bruneau)
- E-mail: info@cari.be - bruneau@cari.be

- Cari.be
- Butine.info