

WP2: „American Foulbrood and European Foulbrood“ Lead: Partner 5

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IDENTIFYING THE BEST GBPs

To avoid the outbreak of AFB and EFB



- Develop innovative practices for AFB and EFB prevention
- Research new sustainable protocols for AFB and EFB control
- Transnationally valid GBPs and laboratory methods
- Harmonization among the partners
- Literature review

WHAT ARE THE AIMS?



Objectives and Benchmark Data

- ↪ Identification of GBPs to submit for beekeepers' approval
- ↪ Identification of innovative GBPs for prevention of clinical cases and colony mortalities: sampling (apiary level) and laboratory analysis
- ↪ Identification of sustainable protocols for disease control
- ↪ Duration 30 months: 01.02.2017 – 01.08.2019
- ↪ Interaction: WP5 (validation, analysis of compliance and feasibility)
- ↪ WP6 (economic impact), WP8 (dissemination)

WP2: WHO, WHAT, HOW MUCH

Partners, Tasks, Person Months



↪ WP lead: P5 – AGES, AT

↪ Partners (PM)

- **P1: IT** (8), **P2: TR** (1), **P3: SI** (2), **P4: ES** (6), **P5: AT** (6)

↪ 2.1 List of general and specific GBPs: 1-7

- **P1** (2), **P2** (1), **P3** (1), **P4** (2), **P5** (2)

↪ 2.2 Preclinic innovative GBPs identification: 7-30

- **P1** (3), **P3** (1), **P4** (2), **P5** (3)

↪ 2.3 Sustainable control protocols: 7-30

- **P1** (3), **P4** (2), **P5** (1)

TASK 2.1



List of general and specific GBPs

- ☞ Subtask 1.1: All project partners will create a shared online document with a list of GBPs as general prerequisite and specific to AFB prevention
 - ☞ Subtask 1.2: All project partners will create a shared online document with a list of GBPs as general prerequisite and specific to EFB prevention
 - ☞ Subtask 1.3: The list of GBPs will be sent to WP5
 - ☞ **P1: 2, P2: 1, P3: 1, P4: 2, P5: 2**
- 01.02.2017
–
31.07.2017
- 01.08.2017
–
31.08.2017

TASK 2.2

Preclinic innovative GBPs identification



- Subtask 2.1: Evaluation of the methods to identify hives with a potential problem of AFB and/or EFB. Review of available methods in literature
01.08.2017
–
- Subtask 2.2: Identification of specific methods to be adopted at the apiary level and in the laboratory
30.06.2018
- Subtask 2.3: Harmonization among partners of the previously identified methods (ring test)
01.06.2018
–
- Subtask 2.4: Definition of a list of innovative GBPs to be applied at the apiary level to prevent AFB and EFB clinical cases
31.07.2019
01.09.2018
–
31.07.2019
- **P1: 3, P3: 1, P4: 2, P5: 3**

TASK 2.3



Sustainable protocols for AFB and EFB control avoiding the application of high environmental impact chemical treatments, publication of an updated final review

- ↪ Subtask 3.1: All partners will participate in undertaking a review of affordable AFB and EFB control methods
01.08.2017
–
31.07.2019
- ↪ Subtask 3.2: Publication of a final review
01.05.2019
–
31.07.2019
- ↪ **P1: 3, P4: 2, P5: 1**

MILESTONES



Month 7
August 2017

2.1 List of GBPs
sent to WP5

Month 30
July 2019

2.2 GBPs to prevent AFB + EFB

2.3 Laboratory methods for AFB +
EFB (list of harmonized laboratory
methods for AFB + EFB)

2.4 AFB + EFB control methods:
review of best low environmental
impact methods for AFB and EFB
control

DELIVERABLES



Month 6
July 2017

2.1 Online list of GBPs for AFB + EFB: online document, identified by WP2 partners

Month 16
May 2018

Intermediate Report: Verify the progress of WP2 in the project

Month 30
July 2019

Final Report: Summarising WP2 activities

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