

## **NEWSLETTER BEE DIVERSITY #3**

### **Improvement of biodiversity through innovative management of ecosystems and monitoring of bees.**

The BEE-DIVERSITY project intends to create an innovative cross-border system for the improvement and monitoring of biodiversity in habitats, which allows the improvement, sustainable and integrated management of ecosystems, with a specific focus on bees and on the relationship between agricultural practices and the vitality of bee populations.

The work is carried out in Natura 2000 areas with the direct collaboration of owners and management companies and stakeholders (farmers, beekeepers, technicians, etc.).

The 5 partners of the Interreg BEE Diversity project are Italian Veneto Agriculture - Veneta Agency for Innovation in the Primary Sector, Pordenone Technological Pole Andrea Galvani, University of Udine, and Slovenes BSC, Poslovno podporni center, d.o.o. and Univerza v Ljubljani / University of Ljubljana

#### **NEWS&EVENTS**



#### **The Beekeeping Bulletin information tool for farmers and beekeepers**

Veneto Agricoltura continues to issue the "Beekeeping Bulletin" which is distributed to a mailing list of over 4600 recipients including beekeepers farmers and institutions and bodies in the sector with prevalence for the Veneto geographical area. The Bulletin is drawn up with the help of data collected from the network of electronic hives. The collaboration with the Experimental Zooprophyllactic Institute of the Venezie which is a reference center for beekeeping as well as the various regional beekeeping associations is important.

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**20/05/2021**

#### **Exhibition and lecture at the apiary of the Botanical Garden of the University of Ljubljana on how to promote biodiversity**

In agreement with the Botanical Garden of the University of Ljubljana the Faculty of Biotechnics has prepared a presentation of the BEE-DIVERSITY project in the form of an exhibition on the occasion of the III World Bee Day. They prepared four posters of the project. Prof dr. Janko Božič presented the project and the bees to the visitors of the garden. In the afternoon a hybrid lesson on bees and hives was held in the Botanical Garden next to the city apiary.

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14/07/2021

### Vallevecchia di Caorle: beekeepers in sight of the Silphium crop trials and monitoring stations with electronic hives.

At Veneto Agricoltura demonstration farm the representatives of the regional beekeeping associations were able to see the electronic hives of the detection network in operation and visit a multi-role plant at the Silphio plant whose flowers are so popular with bees.

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4/08/2021

### Covered brood? The varroa thanks. Blocking the brood is now possible with the guidance of beekeeping experts.

A field meeting entitled "Varroa control: different methods of blocking summer brood" was held at the ValleVecchia di Veneto Agriculture pilot company in Brussa in Caorle (Ve). The initiative which saw the participation of about twenty beekeepers was an opportunity to learn directly in the field how to adopt good practices to control the dangerous varroa mite through the "summer brood block"

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21/09/2021

### Bee-Diversity. example of cross-border collaboration for the environment

The Project was presented on the occasion of the European Cooperation Day 2021 as part of the webinar "Cooperation is green: examples of cross-border collaboration for the environment". The aim of the focus was to raise awareness of the advantages and values of European cooperation through the example of some ongoing projects. Among these also Beediversity which was illustrated by Silvano Cossalter of Veneto Agricoltura.



8/10/2021

### Summer report of the Faculty of Biotechnics University of Ljubljana.

Inside you can find: Floristic survey of meadows in pilot areas  
Honey and pollen collection  
Weather in the period March - July (monthly bulletin of the Environment Agency of the Republic of Slovenia - Year 2021)  
Beekeeping season - com 'era Events  
What is blooming now - October. "

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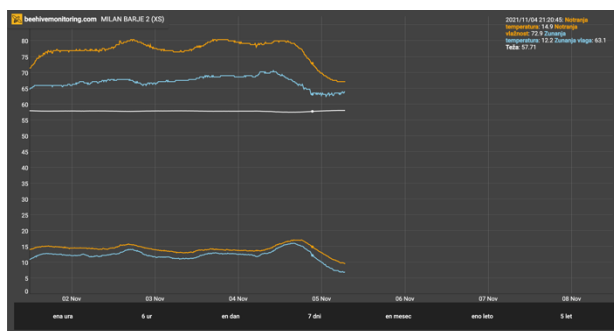


14/10/2021

## BEE DIVERSITY participates in the 17th COLOSS eConference.

Presentation of new knowledge projects and activities in bee research at the 17th COLOSS eConference by the Faculty of Biotechnics University of Ljubljana.

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22/10/2021

## Installation of electronic equipment at another pilot site in Slovenia

Installation of electronic equipment in another pilot site Ljubljansko barje (Slovenia) for monitoring the activity of bees and the conditions of the nest which is covered by the Faculty of Biotechnics of the University of Ljubljana. Check out one of the graphs where measurements are collected

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9/11/2021

## The role of bees for organic production

The first data from the Bee Diversity Project and the Regional Bee Monitoring Network launched this year were presented by Veneto Agriculture as part of the B / Open Fair the Veronafiere B2B event dedicated to certified organic food.

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20/11/2021

## BEE DIVERSITY presented in Sarajevo

The Faculty of Biotechnology of the University of Ljubljana was invited to present the BEE DIVERSITY project at 6. BEE-KEEPING AND BEE-KEEPING PRODUCTS CONGRESS WITH INTERNATIONAL PARTICIPATION in Bosnia and Herzegovina Sarajevo. By presenting knowledge and experience to the Congress the aim is to contribute to the development of beekeeping in Bosnia and Herzegovina and the entire region.

## SCENARIO

## The Israeli start-up creates robotic hives to support dwindling bee colonies

On several occasions scientists have highlighted how the decline in bee populations threatens existing ecosystems on planet Earth. Faced with the new dangers posed by climate change wedged with declining natural habitats for organisms beekeepers are experimenting with new ways to preserve the existing bee populations. Created by "Beewise" the apparatus aims to provide round-the-clock assistance to bees to prevent colony collapse.

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This project is supported by the Interreg V-A Italy-Slovenia Cooperation Program, financed by the European Regional Development Fund.



Durata del progetto 01.02.2020 – 31.08.2022

Budget totale 695.650,00€

FESR 591.302,50€

[www.ita-slo.eu/BEE-DIVERSITY](http://www.ita-slo.eu/BEE-DIVERSITY)