

# Bee Bio - Districts Training

Ideas for the Cross visiting training guide for innovative beekeeping

Salvatore BASILE

Foster for beekeeping bridges through innovative and participate training



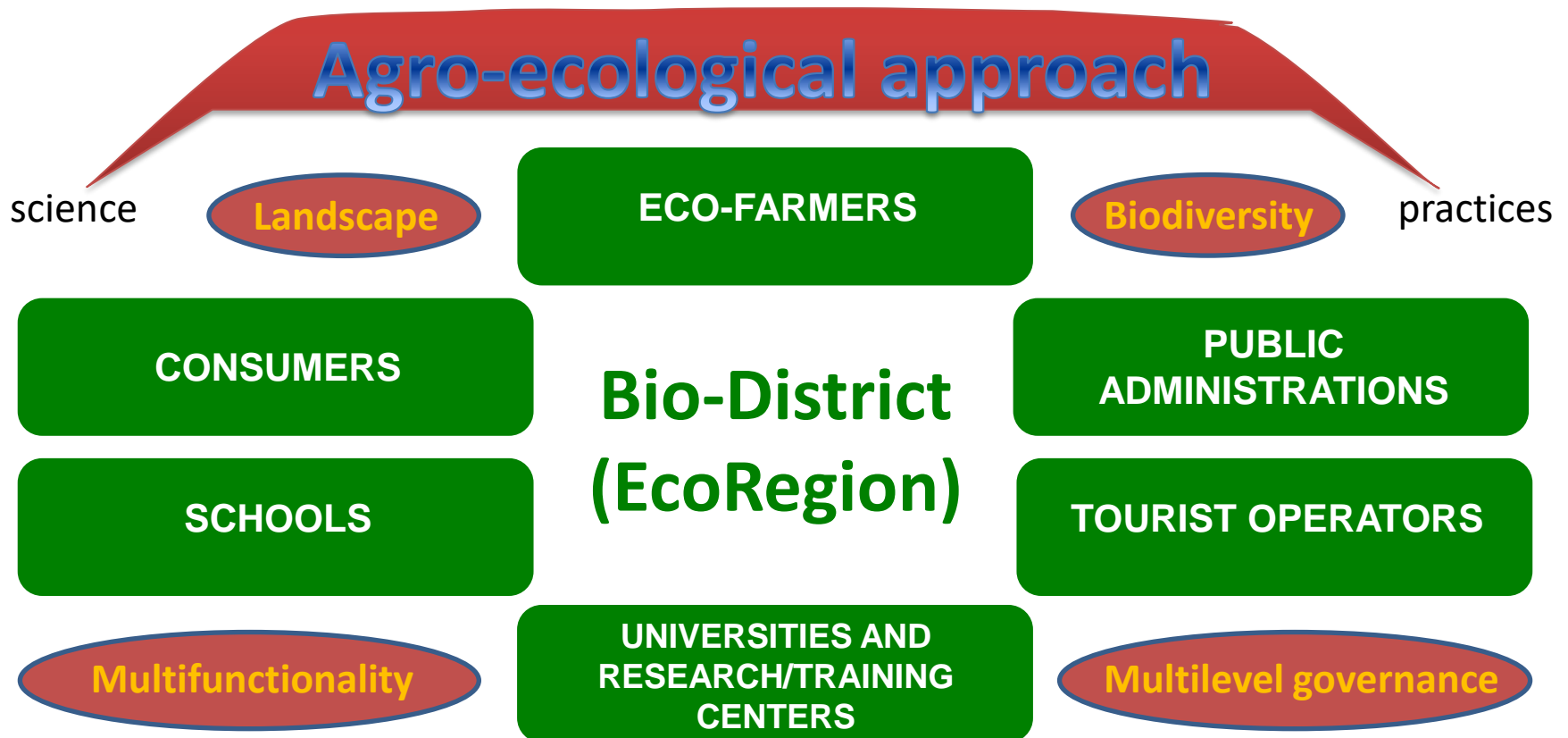
Co-funded by the Erasmus+ Programme of the European Union



## **Cross visiting training**

**the alliance between humans and bees is  
essential to safeguard bio-diversity  
and develop sustainable food systems  
in bio-districts**

# During the Cross visiting training all aspects of eco-regions must be highlighted



## LSFS – LOCAL, SUSTAINABLE, FOOD SYSTEM

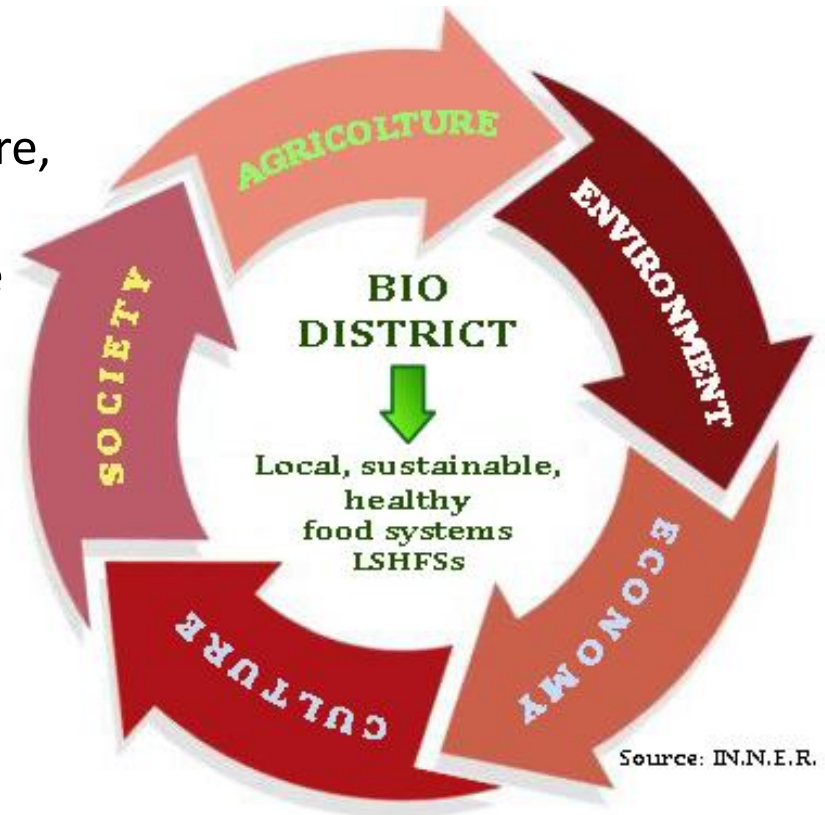
### THE BIO-DISTRICTS (ECO-REGIONS)

The participatory and inclusive community of a bio-district (eco-region), with all the local actors involved, acts on the territory with a virtuous governance that decides from citizen's level to shift towards a real local, sustainable and healthy food system.

The 5 components of a bio-district (agriculture, environment, economy, culture, society) are interrelated in a complex system, producing the innovative outcome of a...

## VIRTUOUS CIRCLE

where the 5 dimensions lead toward a local, sustainable and healthy food system.



# A CHALLENGING DIMENSION



## Bee/Bio- districts

A global strategy and a new trend of sustainable territorial development

Concrete answers to the present problems that affect both the most industrialized countries and developing countries:

- deterioration of environmental quality, loss of biodiversity
- reduction of progressive and constant decrease of the population in rural areas,
- financial crisis,
- climate emergencies.

Bio-districts promote innovations in research, production standards, alternative distribution channels and new certification schemes.

Coherent strategic framework of the strategies for the development of the Bio-districts, devoted to:

- **preserve the bio-diversity and eco-systems complexity in rural areas**
- **improve the quality of life of the citizens**, especially the ones resident in rural areas;
- **increase the employment opportunities** and the quality of jobs;
- **increase the power of attraction of rural areas**, boosting the connections between strategies of sustainable development of the rural and urban areas;
- **promote and improve the European and international transnational cooperation.**

The practical training of the BeeB MOOC course, using a b-learning approach, will be structured using the Cross-visiting method, facilitating the training and learning progress and at the same time providing the adequate ecosystem for experience change and innovation. A “Cross visiting training guide for innovative beekeeping” will allow to structure the practical component of training, in a familiar training ecosystem – the apiary environment of a fellow beekeeper. A guide for the training steps and for the learning outcomes assessment will be delivered.

The Cross-visiting training guide will support the practical training of the BeeB MOOC course curriculum and may be used in relation with any content of the curriculum. The expected impact is related with the possibility of enabling beekeepers to acquire the best and innovative beekeeping techniques and skills in a practical environment creating the opportunity for an effective training and learning based on the own and others experience. It is also expected to have an impact in the active learning sector, by the development and use of Cross-visiting as training tool.

## Tasks:

Definition of the Cross-visiting training guide for innovative beekeeping structure and conceptualization

Design the Cross-visiting training guide for innovative beekeeping

Organize a set of guidelines for the use of Cross visiting method (trainers, hosts, learners)

Define examples of itineraries using the Cross-visiting method

Prepare the necessary templates to facilitate the preparation and translation of the contents

Adjust the contents and structure based on the results of the Short-term joint staff training event “Training for beekeeping valorisation using the Cross-visiting method”

Deliver the contents of the Cross-visiting training guide

Define rules and materials to access the learning outcomes

Test the Cross-visiting training guide in training and multiplier events (in class and in field contexts when possible and adequate), and among peers and other students of the partners organizations)

Cross-visiting training guide assessment by means of user survey

Upload the Cross-visiting training guide on the BeeB HUB.

Disseminate the Cross-visiting training guide using other media

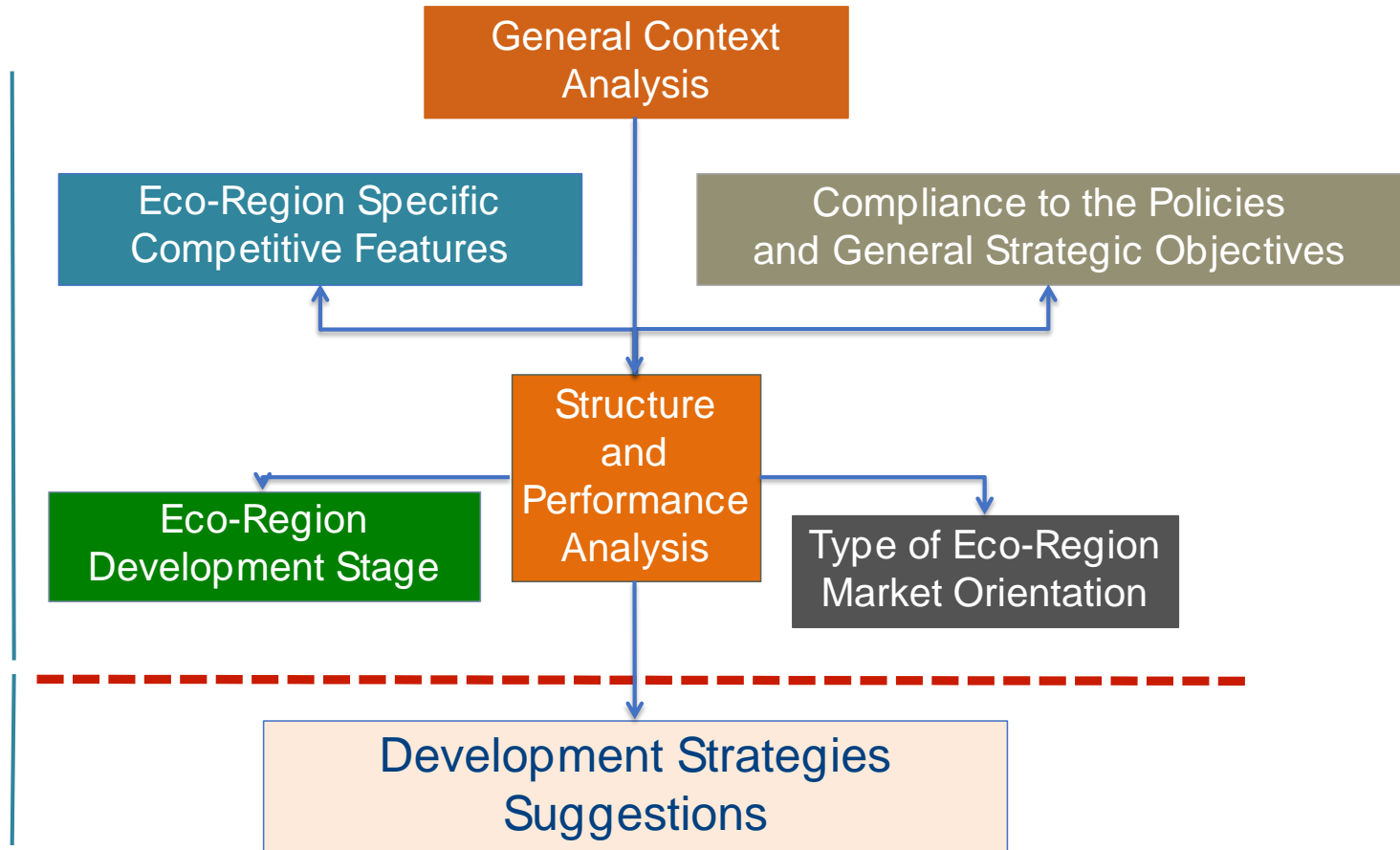



## **last but not least**

Organic districts provide an example of local sustainable food systems development; their success will depend on their capacity to efficiently manage the local resources and link their experience to a global context. To this end a monitoring tool, involving the local actors in the analyses of the Organic Districts structure and performances, could provide useful. Adopting a common analytical tool will facilitate an exchange of knowledge, thus increasing innovative and efficient solutions coming from the different contexts where the Organic Districts are present.

IN.N.E.R., the University of Bologna and CIHEAM, developed an Eco-Regions management tool, that involves 5 modules for the Eco-Region Structure and Performance analysis.

Analysis



A close-up photograph of a honeycomb structure, showing the intricate pattern of hexagonal cells. The honeycomb is a mix of golden-brown and lighter yellow tones. Several bees are visible on the surface, including one in the upper right and another in the center. The lighting is bright, highlighting the texture of the wax.

**If you want to go fast go alone,  
if you want to go far go with the  
others!**