

FINAL EUROPEAN CONFERENCE  
Towards Forest Management in line with the  
Protection and Conservation of Biodiversity  
16-18 February 2022



# LIFE17 GIE/IT/000561 GoProFor

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[www.lifegoprofor.eu](http://www.lifegoprofor.eu)

Coordinatore



Partner beneficiari



# LIFE GoProFor, work together for the conservation of forest biodiversity



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# LIFE GoProFor, work together for the conservation of forest biodiversity

## 2022



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# Forests in N2000 Network occupy about 50% and good management must take into account many aspects

## REQUIRED KNOWLEDGES/SKILLS/COMPETENCIES

**THEORETICAL + PRACTICAL TECHNICAL ASPECTS**

SILVICULTURE, BIODIVERSITY, FOREST ECOLOGY, EXPERIENCE...

**RELATIONAL ASPECTS**

COMMUNICATION, MEDIATION, INVOLVEMENT...

## STRONG CULTURAL AND TRADITIONAL CONNOTATION

(Civic uses of firewood, local forest-wood supply chains, biomasses...)

## FOREST MANAGEMENT

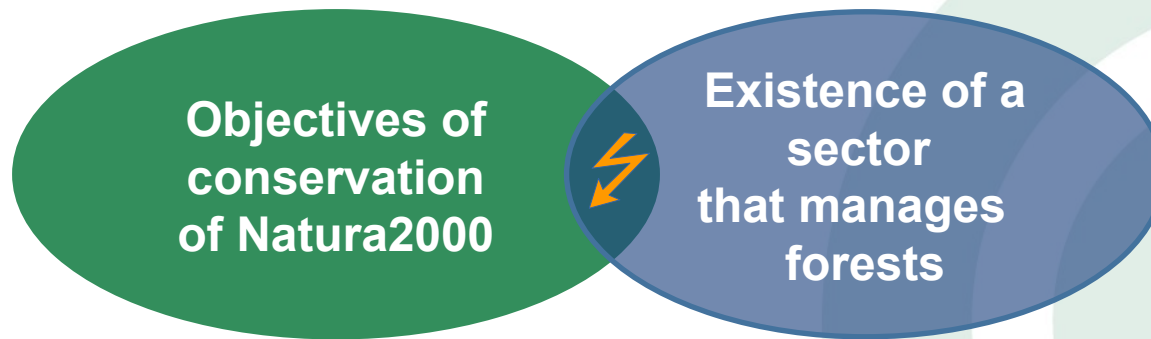
### COMPLEX AUDIENCE OF STAKEHOLDERS

Landowners, technicians, professionals, forest companies, wood processing companies, forest workers, public officials, representative organizations, environmental associations...

### IN ALL EU MEMBER STATES THE USE AND MANAGEMENT OF FORESTS IS REGULATED

Ecological efficiency  
Landscape value  
Soil protection

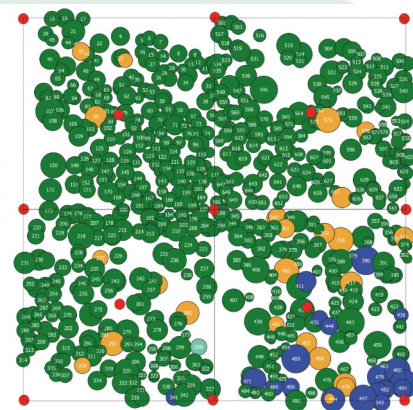
# Forests in N2000 Network occupy about 50% and good management must take into account many aspects



- highlight the needs of forests in N2000 network by suggesting good forestry tools and management practices

# LIFE GoProFor, objectives

- Define and disseminate **forest management tools** for conservation priorities within Natura 2000 Network
- **Exchange experiences and Good Practices (GP)** derived from 25 years of the LIFE Program
- **Increase awareness** on forest habitats and species conservation in **all the actors involved** in the management of forests within Natura 2000 Network



# LIFE GoProFor, 4 pillars



## The European Database of forest-related Good Practices

LIFE projects analysis and collection and description of Good Practices



## European Network

Exchange of experiences and Good Practices and lay the foundations for a European training system for forest management within Natura 2000 Network



## Italian training

Training packages on 12 forest-related topics based on Good Practices (habitats and species conservation, deadwood, forests and CC, IAS, silviculture techniques...)



## Italian National Network

Improve cooperation between all actors in management of forests in N2000, providing indications and suggesting the best GOOD PRACTICES to apply

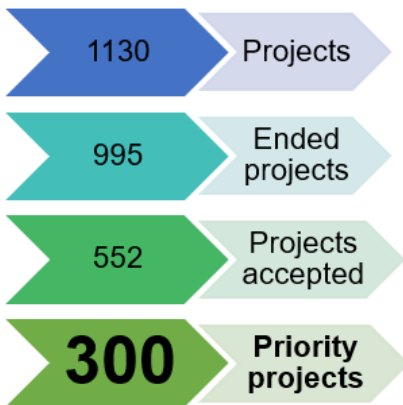


# The European Database of forest-related Good Practices

Collection and description of Good Practices from LIFE projects analysis

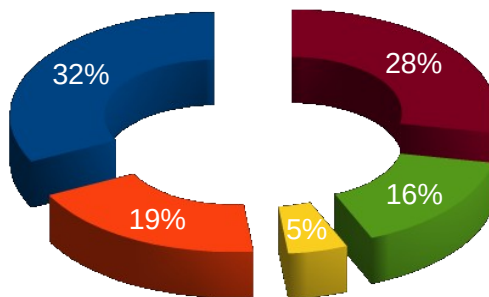
[www.lifegoprofor-gp.eu](http://www.lifegoprofor-gp.eu)

IT EN FR ES DE



The screenshot shows the GoProFor website interface. On the left, there are search filters for Macrotheme, Theme, Keyword, and Forest Category. The search terms are set to 'eng'. On the right, there is a map of Europe with data points indicating the number of good practices in various countries. The map is titled 'Mappa' and 'Satellite'. The data points are as follows:

Country	Number of Good Practices
Regno Unito	2
Polonia	11
Francia	53
Italia	214
Spagna	38
Portogallo	38
Germania	14
Ungheria	14
Croazia	14
Romania	11
Bulgaria	30
Georgia	30
Ucraina	11
Finlandia	3
Estonia	26
Bielorussia	3
Lettonia	3
Lituania	3
Uzbekistan	44



- Forest biodiversity
- Forest habitats
- Invasive species
- Climate changes
- Planning, management, governance

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# Training tools for N2000 managers and stakeholders

GoProFor Curriculum for Forest Management and Biodiversity Conservation Expert

## LEV.1: F2F (online 2 days) + PRACTICAL (2 days) - FOREST BIODIVERSITY

DEADWOOD/SAPROXYLIC SPECIES (T)

TREE MICROHABITATS (T+P)

POTENTIAL BIODIVERSITY INDEX (IBP): 10 key factors (T+P)

BEST PRACTICES AND SILVICULTURAL MODELS (T+P)

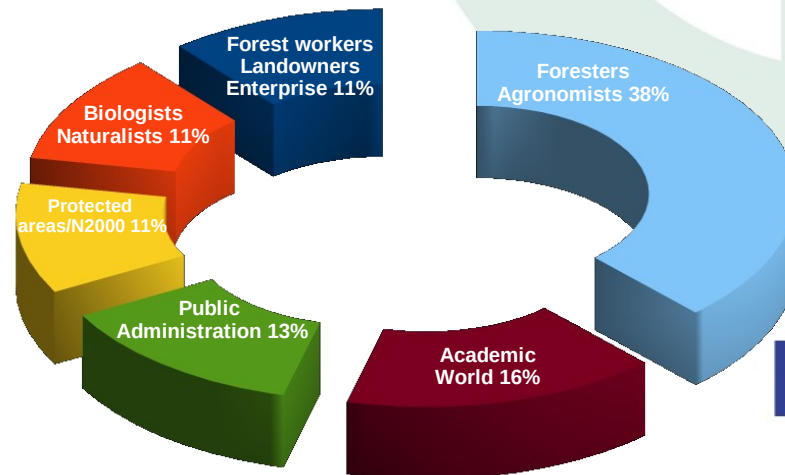
MARTELOSOPES (Integrate+ Network) (P)

## LEV.2: E-LEARNING (online 3 days) - OTHER FOREST SPECIES / CLIMATE CHANGE / ECOSYSTEM SERVICE / IAS / FUNDS FOR

Registered E-learning platform	979
Level 1 T	629
Level 1 T+P	507
Level 2	~500

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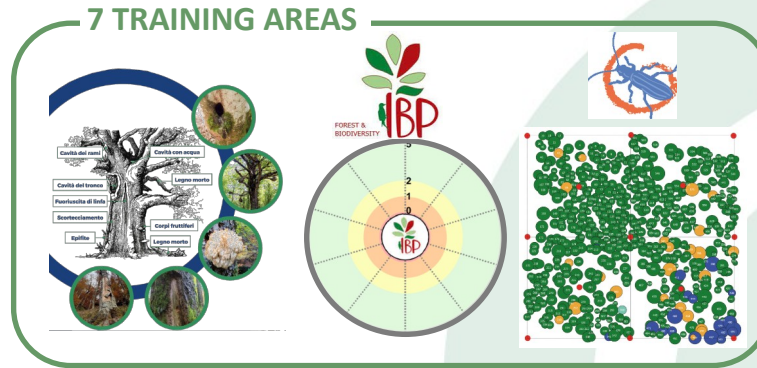
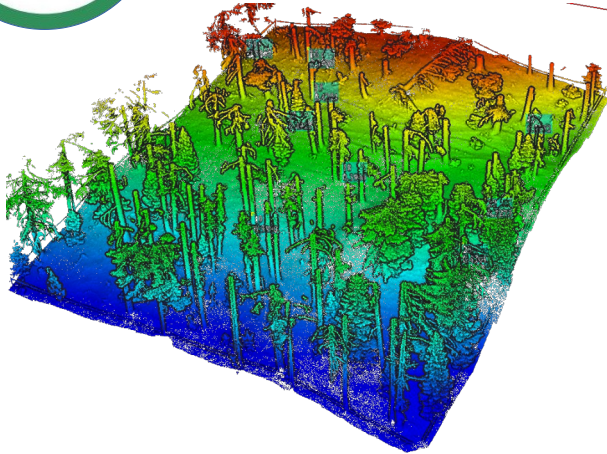
**GoProFor**  
LIFE17 GIE/IT/000561  
Implementare il Network delle Buone Pratiche per la conservazione della biodiversità forestale

Corso di formazione teorico/pratico per **ESPERTO IN GESTIONE FORESTALE PER LA CONSERVAZIONE DELLA BIODIVERSITÀ**





# Training tools for N2000 managers and stakeholders



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## Training tools for N2000 managers and stakeholders



### Potential Biodiversity Index (CNPF)

The methodology of the **Potential Biodiversity Index**, considers 10 factors of potential biodiversity

A - Tree composition

B - Vertical structure

C, D - Standing and laying dead wood

E - Large trees

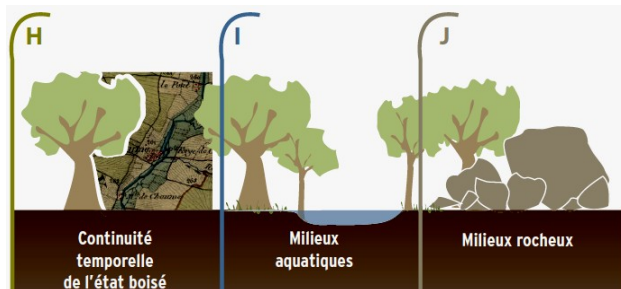
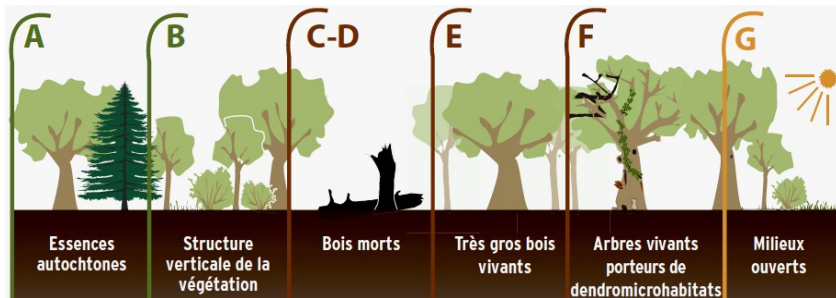
F - Tree microhabitats

G - Open areas

H - Persistence of forest cover

I - Aquatic habitats

L - Rocky habitats



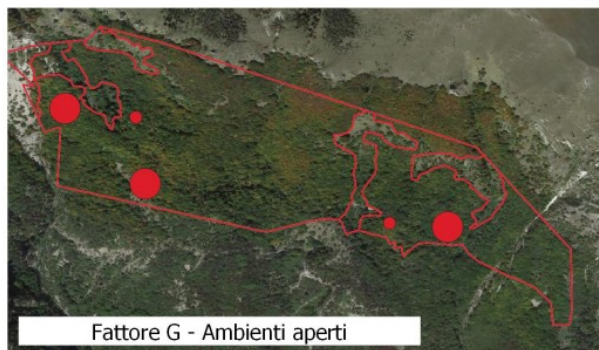
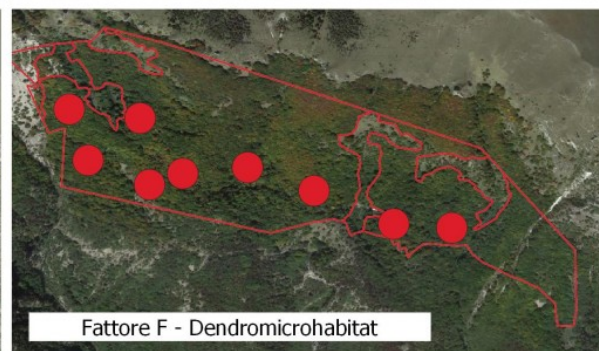
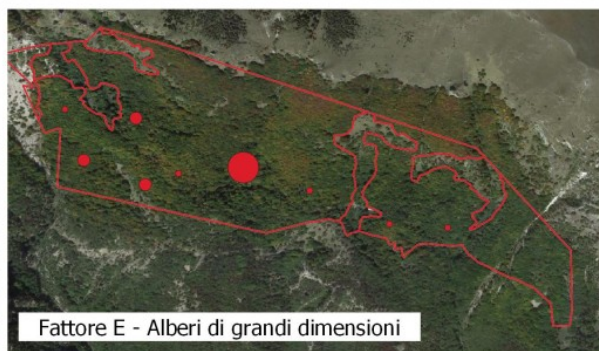
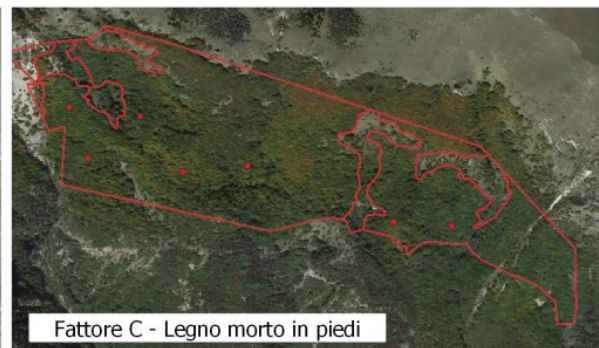
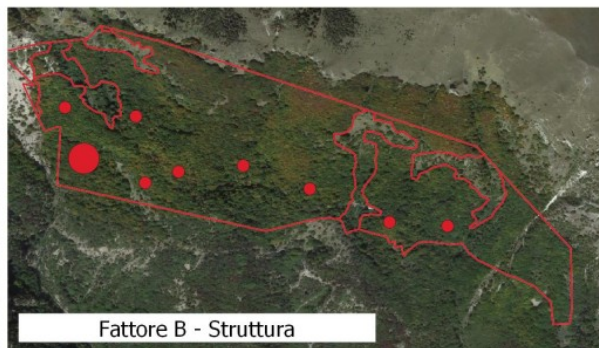
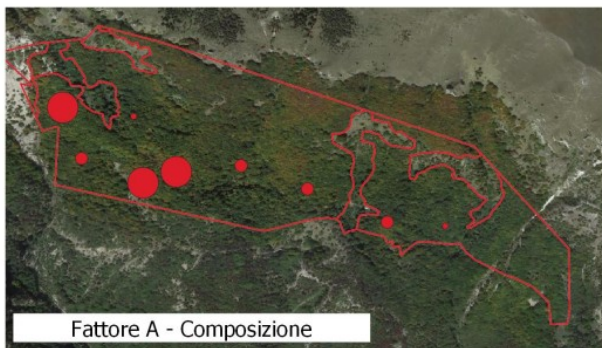
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# Training tools for N2000 managers and stakeholders



- Rilievi IBP
- Limite particella 19.01

0 100 200 m



## LEGENDA

- Punteggio 5
- Punteggio 2
- Punteggio 1



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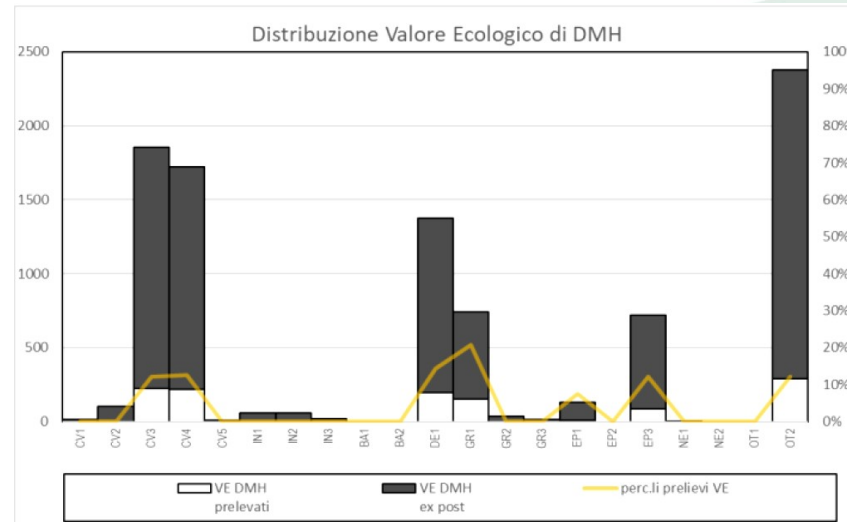


# Training tools for N2000 managers and stakeholders

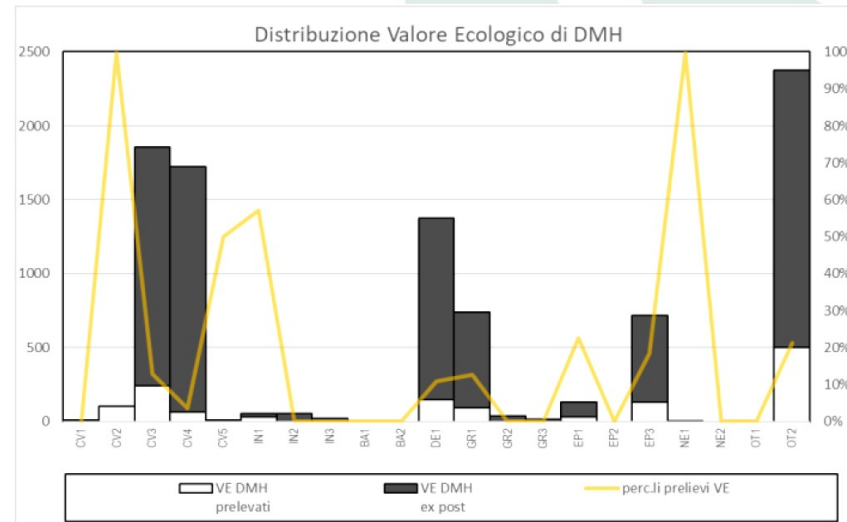
## Tree microhabitats

Using the Tree Microhabitat Catalog created in 2016 by the demonstration project "Establishing a European network of demonstration sites for the integration of biodiversity conservation into forest management" supported by the German Federal Ministry of Food and Agriculture (BMEL), the distribution of DMH of a stand can be realized.

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Forestry with DMH knowledge



Traditional forestry

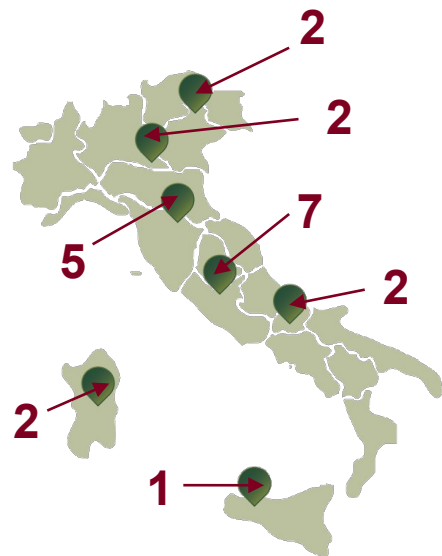
Forest of Camaldoli (Tuscany)





# Training tools for N2000 managers and stakeholders

GoProFor Curriculum for Forest Management and Biodiversity Conservation Expert



21 editions of training courses



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## Italian National Network – GOALS:

- Improve cooperation between all the actors and stakeholders
- Put in place the best **GOOD PRACTICES** and **INDICATORS** to be applied in order to **BETTER INVEST EU FUNDS** (RDP, FEARS, CAP, LIFE.....)

## HOW?

Participatory process (4 National Network meetings)

Stakeholders involvement → Shared steering document

- Collection of **critical issues raised** by all the stakeholders + **proposed solutions**
- Collection of the **best practices** to manage forest within N2000
- **Priority actions** to improve cooperation between N2000 and the forest sector

Shared steering document → in close collaboration with representatives of both Ministry of Environment and of Agricultural&Forest policies





# LIFE GoProFor, territorial applications in Italy

Regional LABS and local territoriale scale

**Tuscany region** - Preparation and adoption by the Region of a standard methodology for Forest Planning in RN2000; training course for regional employees of the Environment Department and Forestry Department on "FOREST BIODIVERSITY"

**Molise region** - Preparation and adoption by the Region of a standard methodology for the design of silvicultural interventions which identifies the biodiversity factors to be strengthened. This procedure is implemented in the Ecological Impact Assessment process.

**Sardinia region** - Increase of the skills of the staff of the Regional Forest Agency through training activities and implementation of the IBP and Dendro microhabitat analysis for future forestry interventions



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# LIFE GoProFor, territorial applications in Italy

Regional LABS and local territoriale scale

## Autonomous Province of Trento -

Creation of 2 martelloscopes and implementation of the training curriculum for forestry technicians

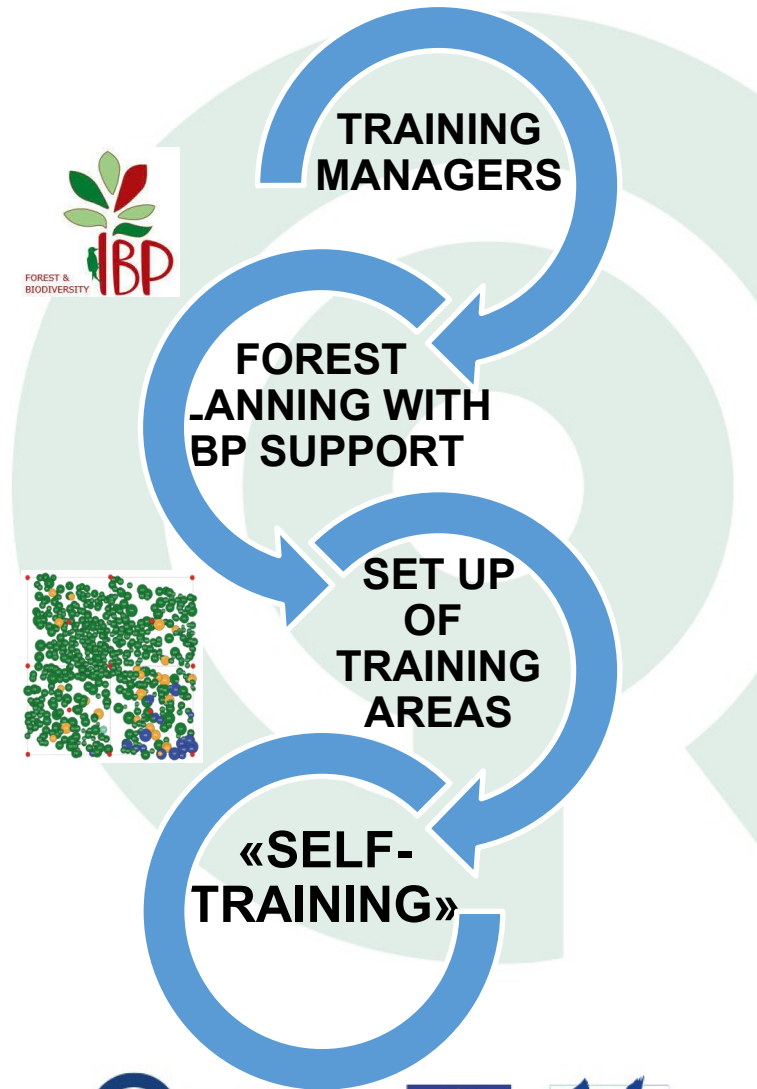
## Forest Consortium "Alta Val di Susa" -

Creation of 2 martelloscopes and implementation of the training curriculum for forestry technicians

Other regions (Lombardy and Veneto) have expressed their interest ...

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# «TAKE AWAY» MESSAGES



**APPLIED RESEARCH** to support managers with **PRACTICAL TOOLS / INDICATORS** easy to apply (Forest domain has a **strong applicative connotation**).



**BEST PRACTICES COMMUNITY** (made of people that can share their experience – **PEER TO PEER APPROACH** - not only databases).

**PUT TO SYSTEM RESULTS AND BP** (lessons learned must not be lost!)



**DEVELOP TRAINING SYSTEMS** with **practical and experiential elements** (**NOT ONLY E-LEARNING**), **easy to multiple at local scale**, address to all those who participate to

- governance
- planning
- intervention executions
- control

**Thank  
you  
for  
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