

EUFORMAG has also been designed as a tool to disseminate the results of European projects related to forestry. In 2011 it was approved a LIFE + project in which it was expected, for the first time, the use the EUFORMAG's network to disseminate related articles to the project between the forest technicians.

To do this has been financed and dedicated a specific action that allow for translation of the articles in the language of the journals involved. In this section we report the projects that have officially involved EUFORMAG and, in the private network partners, the individual articles press kit and how they were financed.

We invite you to use the EUFORMAG's network to disseminate the results of European projects (LIFE, LIFE +, Interreg, etc.).

{slide SelPiBioLife - Innovative silvicultural treatments to enhance soil biodiversity in artificial black pine stands |closed}

### **SelPiBioLife - Innovative silvicultural treatments to enhance soil biodiversity in artificial black pine stands (LIFE13 BIO/IT/000282)**

SelPiBioLife is a project under the category Biodiversity (LIFE13 BIO/IT/000282), for innovative or demonstration projects that consider biodiversity issues within the LIFE+ Nature and Biodiversity strand. The main goal of the project is to demonstrate the positive effects of an innovative silvicultural treatment on black pine forests. The specific innovative treatment applied in the stands improves growth rates and stands stability and enhance the level of biodiversity of the various soil components (flora, fungi, bacteria, mesofauna, nematods and microarthropods).

To promote the spread of these innovative treatments, demonstration areas have been set up in two Tuscan forests: in the Amiata (province of Siena) and in Pratomagno (province of Arezzo). In these sites various activities have been organized for dissemination and training purposes. The project also involved the construction of two "marteloscopes", areas specifically dedicated

to the training of forestry professionals and students. In addition to this, various types of dissemination materials have been created, such as a technical manual and some videos, all available on the project website [www.selpibio.eu](http://www.selpibio.eu).

The Project has also included the dissemination of content in the EUFORMAG network.

Here are the 3 articles available in the original version in Italian and in the English version available for network partners.



### Selective thinning in artificial black pine plantations

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**SelPiBioLife for black pine stands**  
A silvicultural strategy for artificial pine stands established for different purposes



Progetto finanziato dalla Commissione Europea nell'ambito del programma di ricerca e innovazione Horizon 2020

Il progetto SelPiBioLife ha l'obiettivo di sviluppare strategie di gestione silvicola per boschi artificiali di pino nero (Pinus nigra) destinati a scopi diversi (produzione di legno, protezione del suolo, conservazione della biodiversità, ecc.). Il progetto è finanziato dalla Commissione Europea nell'ambito del programma di ricerca e innovazione Horizon 2020.

**SelPiBioLife for black pine stands.**

[Download](#) silvicultural strategy for artificial pine stands established for different purposes

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**Biodiversità in un rimboscimento di Pinus nigra**  
Il potenziale ecologico ed economico dei microrganismi



Progetto finanziato dalla Commissione Europea nell'ambito del programma di ricerca e innovazione Horizon 2020

Il progetto SelPiBioLife ha l'obiettivo di sviluppare strategie di gestione silvicola per boschi artificiali di pino nero (Pinus nigra) destinati a scopi diversi (produzione di legno, protezione del suolo, conservazione della biodiversità, ecc.). Il progetto è finanziato dalla Commissione Europea nell'ambito del programma di ricerca e innovazione Horizon 2020.

**The economic potential of mushrooms in an artificial Pinus nigra forest**

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{slide LIFE+ InBioWood - Increase Biodiversity through Wood Production |closed}

## **LIFE+ InBioWood - Increase Biodiversity through Wood Production (LIFE12 ENV/IT/000153)**

In Italy, from 2013, new plantations for wood arboriculture have been realized. These are the Potentially Permanent Polycyclic Tree farm, is a sort of artificial mixed forest where different species coexist in the same management unit and are harvested at different times. The goal of these plantations is to differentiate both the financial risk of the farmer and the phytosanitary risk. Also, the impact of wood production on the environment is reduced and biodiversity is increased.

At the base of the innovative type of plantations there is a European project of LIFE+ Programme named InBioWood (Increase Biodiversity through Wood Production - LIFE12 ENV/IT/000153).

In order to promote the diffusion of these plantations, demonstration areas and various types of informative materials have been created by the project partners, such as a technical manual and videos, all available free of charge at [www.inbiowood.eu](http://www.inbiowood.eu).

The Project has also included the dissemination of content in the EUFORMAG network. Here are the 5 articles available in the original version in Italian and in the English version available for network partners.



### **WOOD & ENVIRONMENT**

Web application to design 3P Tree Farms

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### I-214 and Permanent Polycyclic Tree farms

Relationships among diameter, productive area per plant and rotation cycle length

The knowledge of the relationship between plants and, more specifically, with the area needed by each plant to reach a given diameter in a given time frame is crucial to correctly design permanent polycyclic tree farms. The study is focused on a particular case, one of the most used in practice: chestnuts and only in Italy but also abroad.

**I**t has been already established that polycyclic tree farms can offer a wide range of services to the society, from the production of wood to the provision of ecosystem services, such as carbon sequestration, biodiversity conservation, and recreation. The knowledge of the relationship between plants and, more specifically, with the area needed by each plant to reach a given diameter in a given time frame is crucial to correctly design permanent polycyclic tree farms. The study is focused on a particular case, one of the most used in practice: chestnuts and only in Italy but also abroad.

## I-2014 and Permanent Polycyclic Tree farms

[Press Kit](#) Relationships among diameter, productive area per plant and rotation cycle length

[Disc material for partners](#) by magazines EUFORMAG to publish an article in their own language.



### Tree farming and biodiversity

Bird communities as indicators of polycyclic tree farms positive role

EUROMAG, Forest Ecology, Nature in Cities, Nature Matters, Best Forest Practices

Polycyclic tree farms can offer important environmental benefits, both compared to traditional tree farming and, above all, to intensive paper production. The present work compares the ability to support bird communities in polycyclic tree farms and in conventional paper plantations.

**T**he polycyclic tree farms can offer a wide range of services to the society, from the production of wood to the provision of ecosystem services, such as carbon sequestration, biodiversity conservation, and recreation. The knowledge of the relationship between plants and, more specifically, with the area needed by each plant to reach a given diameter in a given time frame is crucial to correctly design permanent polycyclic tree farms. The study is focused on a particular case, one of the most used in practice: chestnuts and only in Italy but also abroad.

## Tree farming and biodiversity

[Press Kit](#) Bird communities as indicators of polycyclic tree farms positive role

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**Wood biomasses for energy purposes from tree farming**

[Press kit](#) Market survey in Verona province made within the LIFE + InBioWood Project

[Request for partners](#) Request for partners by magazines EUFORMAG to publish an article in their own language.



**Request of valuable timber from tree farms**

[Press kit](#) Market survey in Verona province

[Request for partners](#) Request for partners by magazines EUFORMAG to publish an article in their own language.

**LIFE+ PProSpot Policy and Protection of Sporadic tree species in Tuscany forests (LIFE09 ENV /IT/000087)**

[PProSpot](#) is a LIFE + project aims to introduce in Italy, particularly in Tuscany, the technique of forestry tree applied to the management and conservation of sporadic tree species in the forest. Silviculture tree can enhance these species by increasing biodiversity, ecological stability, and the value of forests. This innovative technique can be integrated with the traditional ones and can be easily spread to other regions of Italy and Europe. For this reason, a specific action is dedicated to disseminate the results through the EUFORMAG's network. The aim is to

make available at least six articles with the results of the project. The articles, with their iconographic material, will be translated in English and available for translation and publication in various magazines of the network. There will also be a budget for the national language translations to be defined in detail between Compagnia delle Foreste and magazines that are interested to publish them.



### **Tree-oriented silviculture in an oak coppice**

Estimation of financial profitability and possible public funding

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### Financial evaluation of the tree-oriented silviculture

The software for the evaluation of the investments proposed by PProSpot

By: **Phononit**  
Sara Barreira, Ana Botelho

The paper aims to present the methodology and the first results of the study implemented by the Department Land and Agro-forestry Systems of the University of Pinar in the project PProSpot. A user-friendly software for assessing the financial profitability of investments related to tree-oriented silviculture is presented. In the same time, the study provides information on the end profitability indicators of investments in a number of selected forest typologies and on the impacts that different variables can have on the financial results of such investments.

The study...  ...

### Financial evaluation of the tree-oriented silviculture

[Download](#) the software for the evaluation of the investments proposed by PProSpot

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### Tree-oriented silviculture in European beech high forests

Silvicultural practices aimed both at enhancing sporadic species and at managing the dominant species

By: **Phononit**  
Sara Barreira, Ana Botelho

In this paper intervention criteria applied to European beech (*Fagus sylvatica*) high forests are described. The activities were carried out in the Alentejo forest area (Portugal province, Central Alentejo), field to preserve and to enhance sporadic tree species in forestry, according to the actions scheduled by the LIFE - PProSpot project. Different silvicultural approaches to manage interventions to favour sporadic species with the traditional practices to manage the remaining part of the forest stand are presented.

In forests...  ...

### Tree-oriented silviculture in European beech high forests

[Download](#) the practices aimed both at enhancing sporadic species and at managing the dominant species

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### Forest planning and sporadic species

[Press Kit](#) [LIFE+PPRoSpOT project: first experience in Italy](#)

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### Tree-oriented silviculture in young coppices

[Press Kit](#) [Structural practices to enhance sporadic species: the LIFE+PPRoSpOT project experience](#)

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## Martelloscopi PProSpOT

[Virtual tree marking areas for professional training](#)

[Research area for partners](#) by magazines EUFORMAG to publish an article in their own language.  
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