AgroFE - Agroforesterie Formation en Europe
2013-1-FR1-LEO05-48937

Agrof-MM - Agroforestry – Training – Medirranean and Mountain"
2015-1-FR01-KA202-015181 project

Innovation on Agroforestry Education, Training and Practice to Develop Rural Living and Environment Supported by the AgroFE Leonardo and Agrof-MM Erasmus+ Projects

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What is Agroforestry

There are many definitions, aims and potentials of agroforestry.

One of the definitions, increasingly used by ICRAF publications and achieving wide acceptability is:

"Agroforestry is a collective name for land-use systems and technologies where woody perennials (trees, shrubs, palms, bamboos, etc.) are deliberately used on the same land-management units as agricultural crops and/or animals, in some form of spatial arrangement or temporal sequence. In agroforestry systems there are both ecological and economical interactions between the different components."

Definitions imply

- **agroforestry normally involves two or more species of plants (or plants and animals), at least one of which is a woody perennial;**

- **an agroforestry system always has two or more outputs;**

- **the cycle of an agroforestry system is always more than one year; and**

- **even the simplest agroforestry system is more complex, ecologically (structurally and functionally) and economically, than a monocropping system.**

Agroforestry in pictures

The AgroFE Leonardo project

Objectives of the AgroFE

- Since there is a lack of training and teaching in agroforestry and the general knowledge about agroforestry is low, the overall objective of the project is **to develop a teaching system for agroforestry formation and promotion in Europe**.

- The project aims **to build an innovative training system**: conceptual, module trainings, with use of ICT (Information and Communication Technologies – computers, tablets etc.) and with professional's participation.

- One of the innovations of the project is a **strong participation of professionals** in trainings and in qualification process.

- Significant importance is **to give training in context of professional situations, "on the field"**.

Specific objectives

To produce professional book of references as a support for transfers in training with a common framework and adaptation to local or national context.

To create knowledge database which will be used for tools and training resources and which will also integrate existing resources.

To implement experimentation in **initial training** in individual countries.

To develop a certification system for all levels (L4, L5, L6) of education adapted to particular country education systems and needs.

9 Partners + other associated partners in the AgroFE project

AGROSUP Dijon, FR

EURAF – European Agroforestry Federation, FR

Abacus Organic Associates Ltd, UK

EPLEFPA – Etablissement Public Local d'Enseignement Agricole de l'Aube, FR

Czech University of Life Sciences in Prague, CZ

ONG mare nostrum, RO

University of Debrecen, HU

AFAF – Association Française d'Agroforesterie, FR

AWAF – Association pour la promotion de l'agroforesterie en région wallone et bruxelloise, BE

Main results of the AgroFE project

- **A collection of different** resources were made based on the synthesis of needs and expectations of partners. This collection were used in developing new and existing training sessions.

- **A professional book of references** has been developed to support for transfers in training.

- **The knowledge database has been developed** which will be used for tools and training resources and which will also integrate existing resources in the future.

- **Collaborative and dissemination platforms** were created such as official web site, videoconference system, facebook, mailing list and Moodle for project document and as Learning Management System.

The Agrof-MM Erasmus+ project

The Agrof-MM Erasmus+ project

Based on the AgroFE Leonardo project the Agrof-MM extends the activity to the Medirranean and Mountain areas.

The duration of the project: 2015-2018

The Project Coordinator: AgroSup Dijon – France

Partners:
- **TEI Stereas Elladas (GREECE),**
- **The French Association of Agroforestry (FRANCE),**
- **University of Tuscia (ITALY),**
- **University of Debrecen (HUNGARY),**
- **AliénorEU (BELGIUM),**
- **Friends of Nature (LEBANON),**
- **Abacus Organic Associates Limited (GREAT BRITAIN),**
- **CFPPAF Mirecourt (FRANCE),**
- **EPLEFPA Valentin (FRANCE),**
- **University of Ondokuzmayıs (TURKEY).**

The planned different types of trainings

- **Courses, group work, conferences**

- **Training in the field and online**

- **Self-training**

- **Thematic workshops**

- **Case studies**

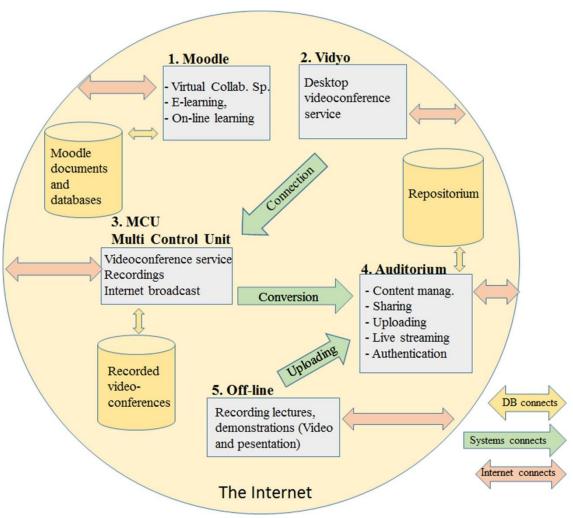- **Visits to agroforestry plots**

- **Tutored placements on farms.**

IT Tools

CW tools and repository in the AgroFE

Videotorium (http://videotorium.hu/)

e-Learning in the French agriculture

Status: Converted   **Views:** 15   **Rating:** ☆☆☆☆☆

Edit recording   **Presentations**   **Attachments**   **Subtitles**   **Upload video slide**

Alternative language versions:

Upload additional version of recording in different language
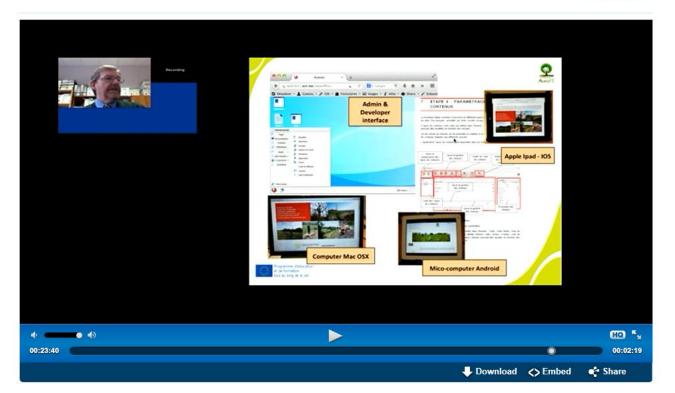
1. **English** (Burriel.wmv) 🗑 Delete

e-Learning in practice at University of Florida

Status: Converted   **Views:** 21   **Rating:** ☆☆☆☆☆

Edit recording   **Presentations**   **Attachments**   **Subtitles**   **Upload video slide**

Alternative language versions:

Upload additional version of recording in different language

1. **English** (Zazueta.wmv) 🗑 Delete

Videotorium as Repository for AgroFE

Prof. Jerzy Weres (http://videotorium.hu/)

Agrof-MM Videoconference (VM)

Official AgroFE Web - http://www.agrofe.eu/

Lifelong
Learning
Programme

AGROF-MM
Training in agroforestry

INTRODUCTION

OBJECTIVES

AGENDA

NEWS AND EVENTS

AGROFORESTRY

PARTNERS

CONTACT

Introduction

Agroforestry Education in Europe

During the 20th century agroforestry has experienced a strong abandonment, counting today only a few million hectares in all Europe. Following scientific research, development structures and experiments of professionals, agroforestry has met national and European recognition in recent years again. In some European countries namely Belgium, France and UK professional organizations and training actors try to reintroduce agroforestry by training of adults. There were some experimental courses conducted in these countries recently, but just on a small scale since resources such as trainers and skills and knowledge

AGRO SUP DIJON

Lifelong Learning Programme

Erasmus+

eduter

Moodle as CW tools and LMS
https://moodle.agr.unideb.hu/agrofe/
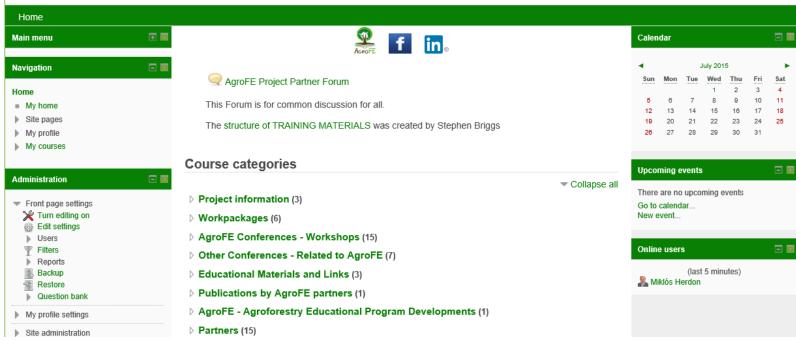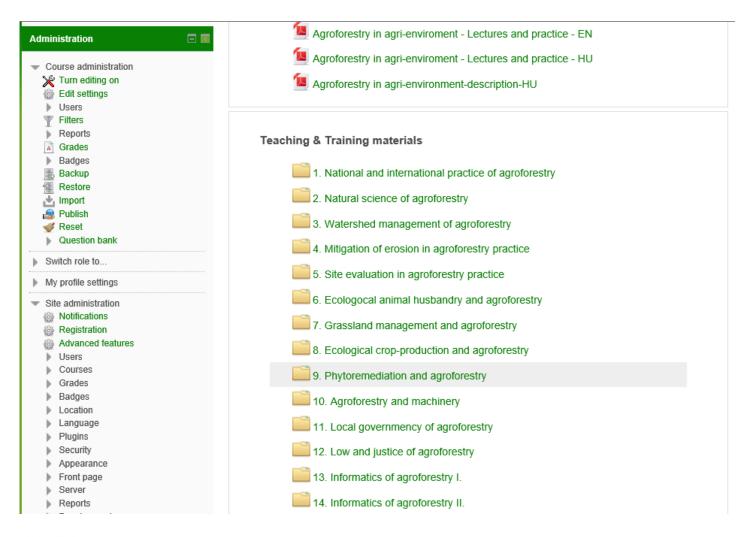
Agroforestry subject on BSc at University of Debrecen

Administration

Course administration
- Turn editing on
- Edit settings
- Users
- Filters
- Reports
- Grades
- Badges
- Backup
- Restore
- Import
- Publish
- Reset
- Question bank

- Switch role to...

- My profile settings

Site administration
- Notifications
- Registration
- Advanced features
- Users
- Courses
- Grades
- Badges
- Location
- Language
- Plugins
- Security
- Appearance
- Front page
- Server
- Reports

Agroforestry in agri-enviroment - Lectures and practice - EN

Agroforestry in agri-enviroment - Lectures and practice - HU

Agroforestry in agri-environment-description-HU

Teaching & Training materials

1. National and international practice of agroforestry

2. Natural science of agroforestry

3. Watershed management of agroforestry

4. Mitigation of erosion in agroforestry practice

5. Site evaluation in agroforestry practice

6. Ecologocal animal husbandry and agroforestry

7. Grassland management and agroforestry

8. Ecological crop-production and agroforestry

9. Phytoremediation and agroforestry

10. Agroforestry and machinery

11. Local governmency of agroforestry

12. Low and justice of agroforestry

13. Informatics of agroforestry I.

14. Informatics of agroforestry II.

AgroFE Facebook
https://www.facebook.com/Agrofe

Agrof-MM Social Média

@AgrofMM

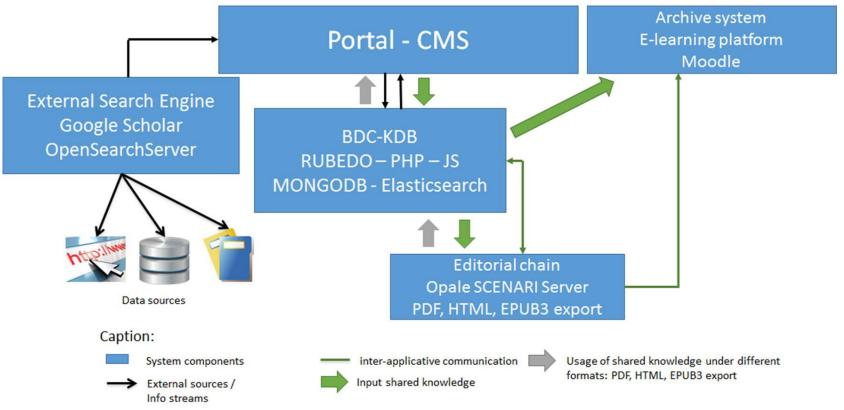AgrofMMEU

Agrof-MM

**Knowledge Database
or
Knowledge Data Bank**

Knowledge Database and Service Architecture

The Knowledge Data Bank (repository)

The knowledge data bank, (acronym KDB), is to enable the sharing, access and consultation in the use of certain resources for training. These resources are under different forms:

- ❖ Mono document object, like a photo, a text, a diagram,
- ❖ Composite materials, for example a html web page with images, a pdf file with pictures and diagrams, a video clip, with images and sounds ...

Under the project, these documents are identified, selected, proposed by partners and included into the KDB for the evaluation of their potential use in training, by one or more partners.

At the end of the evaluation phase, the KDB can be extended to other contributors, for other uses, such as exchange supports between different actors of Agroforestry.

The word " bank " is explicitly used here, not the word base.

- ❖ This is absolutely not the case in a databank in which we store structured tables of numbers as well as illustrated text or video or emails, external knowledge or those from the project, in their various forms. But it should be noted that the knowledge data bank in the prototype of the AgroFE project is based on a software, RUBEDO, developed in PHP and RUBEDO is built on different components:

A data base management software (DBMS-SGBD), type 'NoSQL', MongoDB,

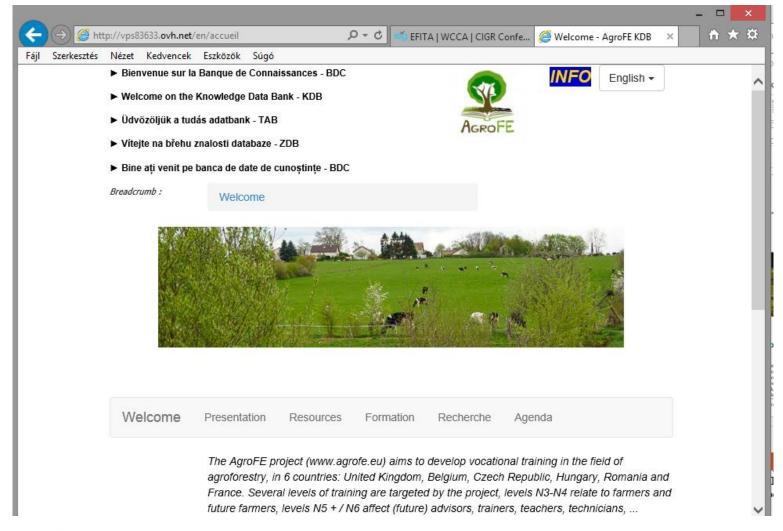And the user interface uses the ElasticSearch search engine.

AgroFE KDB Prototype

Agrof-MM Links

http://agrofmm.eu/

http://moodle.agrofmm.eu/

http://kdb.agrofmm.eu/

http://vps83633.ovh.net/en/accueil

http://vps83633.ovh.net/fr/accueil/v-dvd

Acknowledgements

Thank you for your kind attention!