

Development of awareness raising and training tools for cellular eco-design

2012-1-FR1-LEO05-34271

<http://www.adam-europe.eu/adam/project/view.htm?prj=10063>

Project Information

Title: Development of awareness raising and training tools for cellar eco-design

Project Number: 2012-1-FR1-LEO05-34271

Year: 2012

Project Type: Transfer of Innovation

Status: completed

Country: FR-France

Marketing Text: The Leonardo da Vinci ECOWINERY project has developed a set of training tools for the eco-design of cellars dedicated to consultants, project managers, architects and teachers, adapted to the German, French, Spanish and Swiss local contexts.

An awareness raising module and five specific training modules have been developed by the project partners: the French Institute for Vine and Wine (France), universities of Barcelona (Spain) and Aschaffenburg (Germany), the Engineering School of Changin (Switzerland) and Euroquality (France).

The modules cover legislative, energetic and architectural aspects, water use and treatment issues and the assessment of the environmental impact of such an approach and are available on the project website.

About 30 specific events have been organised to raise awareness of target audience and train them to the ECOWINERY training material. More than 900 professionals and students have participated to these sessions.

Summary: The construction of a wine building or a wine cellar and the selection of equipment associated with the design of the structure require a depth reflection, in particular on economic and quality aspects and safety of users. However, beyond the functional aspect, the integration of sustainable development requires an analysis of the impact of the design and operation of buildings on the environment. Sustainable development concerns all activities sectors. The integration of this concept in the wine industry associates primarily a consideration of the management and control of energy in the design of farms and wineries.

The development of an hectoliter of wine needs to use 30 liters of water for the most efficient winery's and up to 300 liters for less concerned with consumption and recycling water. It also requires the energy equivalent of about 4-8 liters of fuel. This causes a depletion of fossil fuels, and increased production costs. In addition, the combustion of fossil substances produces greenhouse gases emissions that contribute to climate change.

The Leonardo da Vinci ECOWINERY project provided to consultants, contractors, architects, and teachers training tools for eco-design of wineries in different countries.

Eco-design of buildings must combine ecological architecture, good insulation potentially supplemented with original solutions (vegetated roofs or walls, Canadian wells) and alternative energy (solar, geothermal, biomass). This concept requires the provision of dedicated training tools.

The eco-design approach being specific and different for each local context, developing a unique general documentation would have been unrealistic as it would not permit efficient innovation transfer. As a result, ECOWINERY modules and tools are adaptable to the winery specificities, the type of environmental context elaboration and the environment itself (topography, climate, access to water, outdoor surroundings...).

All the tools are available on the e-learning platform in several languages, namely English, French, German and Spanish.

Description: The ECOWINE project gathered five partners from four European countries (France, Germany, Spain and Switzerland), under the coordination of the French Institute for Vine and Wine. The project was organised around 5 Work Packages:

- WP1: Methodology: Definition of the general methodology of the ECOWINERY training.

- WP2: Content adaptation: Development of trainings and modules.

- WP3: Training and assessment: Organisation of training sessions in the four participating countries by the partners and assessment of the designed tools

Project Information

efficiency.

- WP4: Dissemination and results exploitation: communication and broadcasting of the project and its results.

- WP5: Project management: led by Euroquality, a French consultancy company specialised in collaborative projects management.

The project resulted in the development of 6 training modules and the direct training of 474 persons during "physical" session and 72 persons via the e-learning platform.

More than 500 people attended the 4 awareness raising sessions and more than 1500 have visited the dedicated website.

Audience has been reached in the 4 participating countries but also abroad, even all over the world.

Themes: *** Sustainability
*** Lifelong learning
** Higher education
** Ecology
* Labor market
* Others

Sectors: *** Agriculture, Forestry and Fishing
** Construction
* Water Supply; Sewerage, Waste Management and Remediation Activities

Product Types: material for open learning
teaching material
modules
website

Product information: The project has result in the provision of an awareness raising module on cellars eco-design and five e-learning training modules. These training modules cover the following topics:

- Module 1: Energy and regulatory context.
- Module 2: Architectural approach and eco-construction.
- Module 3: Building-related energy resources (geothermal, solar, heat pump, vegetated roof and walls) and heat recovery.
- Module 4: Water use optimisation in a wine cellar, especially through landscaping around the winery, such as reed beds for effluent treatment from the cellar.
- Module 5: Monitoring and evaluation of a proposed eco-designed winery project and its environmental impact.

Projecthomepage: <http://www.ecowinery.eu/?lang=fr>

Project Contractor

Name: Institut Français de la Vigne et du Vin
City: Le Grau de Roi
Country/Region: Languedoc-Roussillon
Country: FR-France
Organization Type: research institution
Homepage: <http://www.vignevin.com>

Contact Person

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Coordinator

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Partner

Partner 1

Name: EUROQUALITY
City: Paris
Country/Region: Ile De France
Country: FR-France
Organization Type: others
Homepage: <http://www.euroquality.fr>

Partner 2

Name: Ecole d'Ingénieurs de Changins
City: Nyon
Country/Region: Région lémanique
Country: CH-Switzerland
Organization Type: others
Homepage: <http://www.eichangins.ch>

Partner 3

Name: Université de sciences appliquées d'Aschaffenburg
City: Aschaffenburg
Country/Region: Bayern
Country: DE-Germany
Organization Type: others
Homepage: <http://www.fh-aschaffenburg.de/>

Partner 4

Name: Universitat Autònoma de Barcelona
City: Bellaterra
Country/Region: Cataluna
Country: ES-Spain
Organization Type: others
Homepage:

Project Files

ECOWINERY_leaflet_DE_final version.pdf

http://www.adam-europe.eu/prj/10063/prj/ECOWINERY_leaflet_DE_final%20version.pdf

German version of the project leaflet

ECOWINERY_Leaflet_FR_20140219.pdf

http://www.adam-europe.eu/prj/10063/prj/ECOWINERY_Leaflet_FR_20140219.pdf

French version of the project leaflet

ECOWINERY_leaflet_SP_final version Copy.pdf

http://www.adam-europe.eu/prj/10063/prj/ECOWINERY_leaflet_SP_final%20version%20Copy.pdf

Spanish version of the project leaflet

leafletEN20130325.pdf

<http://www.adam-europe.eu/prj/10063/prj/leafletEN20130325.pdf>

English version of the project leaflet

Poster_Ecowinery_EN_final.pdf

http://www.adam-europe.eu/prj/10063/prj/Poster_Ecowinery_EN_final.pdf

English version of the project poster

Poster_Ecowinery_FR_20140220.png

http://www.adam-europe.eu/prj/10063/prj/Poster_Ecowinery_FR_20140220.png

French version of the project poster

Products

- 1 Awareness raising module
- 2 Training module "Reglementation"
- 3 Training module "Architectural approach in eco-conception"
- 4 Training module "energetic ressources"
- 5 Training module : "Water"
- 6 Training module "monitoring and assessment of wine cellars' eco-conception"
- 7 Public website
- 8 "La Semana Vitivinicola"
- 9 "El 3 de Vuit"
- 10 "Econception. Solution pour nos caves de demain"

Product 'Awareness raising module'

Title: Awareness raising module

Product Type: open and distance learning

Marketing Text: An awareness raising module has been developed in the e-learning platform. This module, available in 4 languages sums up the main concepts of eco-design and invite the user to discover the training modules.

The module is available at the following address:
<http://www.ecowinery.eu/e-learning/fr/login-form.php?lang=en>

Description: The awareness raising module is composed by 3 lessons:
- The carbon cycle, from water to cellar
- Sustainability in the wine sector
- Best practices for sustainability

Target group: - Professionals of the sector
- VET
- Public bodies

Result: The awareness raising module has been consulted by 52 users (73% of the registrants of the e-learning platform).

Area of application: e-learning

Homepage: <http://www.ecowinery.eu/e-learning/fr/login-form.php?lang=fr>

Product Languages: German
Spanish
French
English

Product 'Training module "Reglementation"'

Title: Training module "Reglementation"

Product Type: modules

Marketing Text: This is the first technical module. It is composed of three different parts:

1. The European Union's reglementation context
2. The reglementation context in the different countries concerned by the project
3. Standards and help for decision making tools

This module is different from one country to another (lesson 2) because it depends on the country the user is in.

This module shows clearly the advantages of having a transnational consortium and the benefits of collaboration in order to achieve a common platform but specific for each country.

Description: The module is the first technical module. It allows the users to understand the reglementation concerning the eco-conception of wine cellars

Target group: - Wine professionals
- Universities (teachers and students)

Result: This module is the most visited with 80% of the users. This percentage shows the importance of the context and also that some people prefer to go directly into the more advanced modules. After the experimentation, it looks like this module is useful and is a milestone in the eco-conception programme. The time spent in this module is 7 minutes on average, which is the time expected by the partners. The reglementation aspects can be seen as hard by the users, so they should not spend too much time on it. That is the reason why there is only the more important informations. As expected, the average time spent on that module is the shortest of all technical modules.

Area of application: Learning

Homepage:

Product Languages: French
English
German
Spanish

Product 'Training module "Architectural approach in eco-conception"'

Title: Training module "Architectural approach in eco-conception"

Product Type: modules

Marketing Text: This module includes a lot of existing wine cellars' illustrations aiming to show the users the reality and that all the actions are possible to implement.

Description: This training module includes two lessons :

1. General structures
2. Complementary structures

In the first one, the main architectural elements related to wine cellars are presented taking into account the integration into the landscape for instance.

The second one describes in details the complementary structures that allow to increase the environmental performances of a wine cave such as vegetal roof or isolation and ventilation systems for instance.

Target group: - Wine producers professionals
- Universities (teachers and students)

Result: This module had been read by 53% of the registered persons. This results shows that only half of the persons are interested in these architectural aspects. It was expected by the partners and makes sense in the ECOWINERY concept where each person can choose the modules that interest him.

The average time spent on this module is 9 minutes. This time is the second shortest after the first module. This is due to the fact that there are a lot of illustrations and little writing.

Area of application: Learning

Homepage:

Product Languages: English
German
Spanish
French

Product 'Training module "energetic ressources"'

Title: Training module "energetic ressources"

Product Type: modules

Marketing Text: In this module, the user can discover the different technologies of renewable production (electricity and heat) and the main factors to take into account to choose one or the other of those solutions, or both.
Economic aspects are also tackled concerning these solutions.

Description: This third module tackle energetic issues that are very important in eco-conception.
This module includes 4 lessons:

1. Provision of electricity
2. Provision of heat
3. Advantages for the company and the environment
4. energy storage

Target group: - Wine producer professionals
- Universities (teachers and students)

Result: This technical module has been read by 45% of the users. As it was said previously, it is linked to the will to let everyone choose the modules they are interested in.
By spending 13 minutes on average on this module (the longest) the users showed their interests.

Area of application: Learning

Homepage:

Product Languages: English
Spanish
French
German

Product 'Training module : "Water"'

Title: Training module : "Water"

Product Type: modules

Marketing Text: As each module can be read regardless of others, it is important to take a look at the stakes concerning the use of water in a wine cellars.
Different solutions are presented for the users to have an overview of the possible actions they can implement.

Description: This fourth training module includes all the informations related to water in wine cellars. It is divided in 4 lessons:

1. The stakes of water
2. Water in Wineries
3. Sustainable management of water
4. Purification's strategies of water in wineries

Target group: - Wine producer professionals
- Universities (teachers and students)

Result: 41% of the users read this module. Even if this module has the lowest participation, the number of users is high enough for the partners to think that it is useful for the end users. With 10 minutes spent on average by the users, the time is close to the expectations of the partners. It is enough for the users to learn about the mains ideas of this module.

Area of application: Learning

Homepage:

Product Languages: Spanish
French
German
English

Product 'Training module "monitoring and assessment of wine cellars' eco-conception"'

Title: Training module "monitoring and assessment of wine cellars' eco-conception"

Product Type: modules

Marketing Text: In order to be close to reality and to allow professionals to really see what is the eco-conception, this module shows several examples. For instance, the well-known wine cellar of the Cheval Blanc castle has been studied and is presented in this module. In order to see several examples and different ideas through Europe, the last part of this module presents wine cellars in France, Spain and Germany.

Description: This fifth training module ends the training of ECOWINERY, presenting to the learner how to define the eco-conception.

Less technical than the previous modules, it is still important for people willing to make improvement in their wine cellar.

It is divided in 4 lessons:

1. Study before the project, the diagnostic, the analysis and definition of the needs
2. Adequacy, conception, choice
3. Interests for the company and for the environment
4. Other examples

Target group: - Wine producer professionals
- Universities (teachers and students)

Result: The results are almost the same than the previous module with 41% of the users and 10 minutes on average.

Area of application: Learning

Homepage:

Product Languages: French
English
German
Spanish

Product 'Public website'

Title: Public website

Product Type: website

Marketing Text: A public website is available since the February, the 1st, 2013 at the following address : www.ecowinery.eu.
It is in English, French, Spanish and German.
It includes a lot of information available for everyone.
The website was developed using technologies allowing to access it from different browsers and from different devices (computer, smartphones, tablets...)

Description: The website includes different sections:

- Home: introduction
- The project: presentation of the work programme, the results and the partners
- Modules: introduction to the different e-learning modules.
- News: news and events related to eco-conception
- E-learning: access to the e-learning platform on which you can find the different modules previously introduced.
- Private areas: intranet accessible to the partners and to the Agency to share documents

Target group:

- Wine producer professionals
- Universities (teachers and students)
- Institutions
- General public

Result: All in all, 2,537 visitors went on the web site of the project ECOWINERY, among which 1,573 unique visitors.

On average, a user spent a little more than 4 minutes (except platform e-learning), which corresponds to a normal time to take a look at the presented informations.

One of the big success of the project is the geographical distribution of the visitors. Indeed, it was specified during the application that in the short term, the partners' countries would mainly be aimed.

Yet, due to the fame of the partners and the impact of the realized actions of communication, the impact was much wider. The public divides up as specified below:

- France: 28 %
- Germany: 17 %
- Spain: 10 %
- Brazil 9 %
- Switzerland(Swiss) 8 %
- Bulgaria: 7 %
- Italy: 2 %
- The United States, Kingdom, Portugal, Argentina, Belgium: 1%

So, 37 % of the visitors come from countries not belonging to the consortium (thus not directly targeted by the actions of communication). It proves the worldwide importance of the theme and opens strong perspectives to the training of ECOWINERY.

Thanks to a multilingual public site, the ECOWINERY project as well as LLP programmes benefited to a wide public.

Area of application: Information, general knowledge

Homepage: www.ecowinery.eu.

Product Languages: English
Spanish
French
German

Product "'La Semana Vitivinicola'

Title: "La Semana Vitivinicola

Product Type: others

Marketing Text: The article enables to understand the most stakes of cellar eco-design and to discover the existing solutions.

Description: Publication in the newsletter "La Semana Vitivinicola", disseminated towards the whole Spanish wine sector.

Target group: Spanish wine sector

Result: 4000 readers

Area of application: Dissemination

Homepage:

Product Languages: Spanish

Product "'El 3 de Vuit"'

Title: "El 3 de Vuit"

Product Type: others

Marketing Text: This interview of Santiago Mingues allows to discover the project ECOWINERY through the eye of a partner.

Description: Article written in Catalan in the weekly journal "El 3 de Vuit" with the interview of Santiago Minguez.

Target group: - General public
- Wine producer professionals
- Policy makers

Result: 500 readers

Area of application: Information

Homepage:

Product Languages: Spanish

Product "Econception. Solution pour nos caves de demain"

Title: "Econception. Solution pour nos caves de demain"

Product Type: others

Marketing Text: The article presents the concept of eco-design, its advantages and the possibilities to implement them.

Description: Article published in 2013 in a technical journal written by:
VAN GYSEL, L., PIERROT, I., DUCRET, J.

Target group: - Wine producer professionals
- Universities (teachers and students)

Result:

Area of application: Information

Homepage:

Product Languages: French

Events

VINITECH show

Date 02.12.2014

Description Oral communication during the VINITECH show

Target audience - Wine producer professional
- Policy makers

Public Event is open to the public

Contact Information

Time and place Bordeaux in France, in December, the 2nd 2014

Congrès International annuel de l'Organisation Internationale de la Vigne et du Vin (OIV)

Date 01.11.2014

Description M. Joël ROCHARD (IFV) a présenté les résultats du projet ECOWINERY lors de cet évènement international qui rassemble l'ensemble des plus grands acteurs de la filière. Le congrès annuel de l'OIV est le lieu où se retrouvent chaque année les décideurs et chercheurs de la filière vitivinicole à l'échelle mondiale. Les publications acceptées sont relayées dans le monde entier. L'acceptation d'une publication et d'une communication orale sur le projet EcoWinery par l'OIV est très significatif de l'intérêt grandissant de la filière vitivinicole mondiale pour l'éco-conception et le respect de l'environnement en général.

Target audience L'ensemble de la communauté scientifique et technique de la filière viti-vinicole internationale.

Public Event is open to the public

Contact Information

Time and place Mendoza (Argentina), 01/11/2014

Events

Présentation d'ECOWINERY à la conférence ERIAFF (European Regions for Innovation in Agriculture, Food and Forestry) 2014.

Date 11.06.2014

Description Présentation d'ECOWINERY à une conférence ERIAFF portant sur le caractère durable de l'alimentation.
Cette conférence rassemble des professionnels de toute l'Europe autour des questions de systèmes de productions alimentaires durables.

Le Dr. Enric Batra (associé UAB) y a présenté les enjeux liés à la durabilité de la filière vitivinicole et l'importance de l'éco-conception des caves dans cette démarche.

Cet évènement a été important à plusieurs titres.

Tout d'abord, le rayonnement de cet évènement est Européen. Il permet donc de toucher un public plus large que les frontières des pays participants au projet.

De plus, il permet d'étendre le champ de dissémination à l'ensemble de la filière agro-alimentaire. Le but est d'encren les notions d'éco-conception au sein des industries de transformation de l'agro-alimentaire pour éventuellement proposer des pistes de transfert de résultats vers d'autres industries.

Target audience L'enseignement supérieur et la recherche de la filière agro-alimentaire

Public Event is open to the public

Contact Information

Time and place Seinajoki (Finlande), le 11 Juin 2014

Events

Sessions de formation à l'éco-conception des caves vinicoles

Date 01.04.2014

Description 24 sessions de formation à l'éco-conception des caves ont été organisées, regroupant un total de 474 participants (contre les 120 prévus dans la candidature et les 300 annoncés dans l'avenant). La répartition entre pays est la suivante:

- France: 71 participants, répartis en 6 sessions
- Espagne: 165 participants, répartis en 5 sessions
- Allemagne: 111 participants, répartis en 6 sessions
- Suisse: 127 participants, répartis en 7 sessions.

Parmi les personnes formées, environ 33% sont des professionnels de la filière, et 67% des étudiants (formation initiale). Lors de la phase de candidature, un nombre aussi important d'étudiants n'avait pas été prévu. Cependant, devant la demande, il a été jugé opportun de s'adresser également à ce public de futurs vignerons.

Target audience 474 personnes ont été directement impliquées dans les sessions de formation ECOWINERY. Parmi celles-ci, 155 sont des professionnels (majoritairement des viticulteurs mais également des architectes et des conseillers agricoles). 319 personnes formées sont des étudiants du secondaire. Parmi eux, 111 sont des étudiants de USA, spécialisés dans le secteur de l'énergie. 76 sont des étudiants de l'EIC (masters ou bachelors), futurs professionnels de la vitiviniculture dans la très grande majorité. Les reste des étudiants formés (132) provient d'université ou lycées professionnels qui ont été sollicités par IFV et UAB pour élargir le public cible et renforcer les liens avec les systèmes d'EFP. La formation ECOWINERY a donc été directement intégrée dans plusieurs cursus de formation professionnelle de la filière vitivinicole et au delà. Les professeurs de ces établissements ont également été formés à l'éco-conception et pourront à leur tour diffuser la formation ECOWINERY à court terme.

Public Event is open to the public

Contact Information

Time and place Les sessions de formation se sont déroulées au dates suivantes:

- France (en Français): 20/05/2014 (journée), 04/06/2014 (journée), 16 et 17/12/2014 (2 jours);
- Suisse (en Français): 19/08/2014 (journée), 20/08/2014 (journée), du 01/05/2015 au 15/06/2014 (5,5 jours au total, répartis en séances destinées aux étudiants de la filière de l'enseignement professionnel), du 16/06/2014 au 20/06/2014 (5 jours dans le cadre du Bachelor de la Haute Ecole Supérieure), du 04/03/2014 au 11/06/2014 (15 jours dans le cadre du Master de la Haute Ecole supérieure);
- Espagne (en Espagnol): 01/04/2014 (0,5 jour), 09/04/2014 (0,5 jour), 09/05/2014 (0,5 jour), 20/10/2014 (0,5 jour), 17/11/2014 (0,5 jour);
- Allemagne (en Allemand et Anglais): 25/10/2014 (journée), 15/11/2014 (journée), 06/12/2014 (journée).

Events

Presentation of ECOWINERY

Date 27.03.2014

Description Presentation of ECOWINERY on Agrobiofood Agronomy and Engineering School

Target audience - Universities (teachers and students)

Public Event is open to the public

Contact Information

Time and place Barcelone in Spain, in March the 27th 2014

Events

Awareness workshop on the eco-conception of wine cellars

Date 04.11.2013

Description As announced in the application, an awareness workshop was realised in each country participating to the project.
All in all, 4 workshops were realized, gathering approximately 517 participants among whom:

- 30 in France;
- 100 around Spain;
- 37 in Germany;
- 350 in Switzerland.

During these workshops, the participants presented the main stakes connected to the eco-conception of cellars, inviting the participants to extend this initiation by participating to the training courses or by the registering on the e-learning platform.

Target audience 517 persons were reached by these awareness workshops among whom around 412 wine producers, advisers, specialists... Plus 105 students and their teachers.

Public Event is open to the public

Contact Information

Time and place The sessions of awareness took place in different dates according to countries:

- France: in 04/11/2013, in Belleville on the Saône. The public (30 participants) was mainly made of students and professors of an agricultural school, specialized in vine growing and oenology;
- Spain: in 22/05/2014, to Jerez. This workshop was organized on the occasion of the XVIth National Congress of the Spanish oenologists, gathering approximately 100 people (oenologists, researchers, agricultural advisers, students and professors of the higher education);
- Switzerland: in 23/01/2014, to Martigny. This session was organized outside the show AGROVINA, which is the Swiss reference show for the wine-producing sector, gathering, every 2 years, one very large number of Swiss and European professionals. The presentations gathered approximately 350 people (mainly professionals but some students). EIC led this morning, during which mister Joël ROCHARD (IFV) also intervened. Gathering French speakers and German speakers, this session was realized in French, and translated live into German (as well as the presented slides).
- Germany: in 05/12/2014, in Bonn. This workshop, led by Professor Hartmann (USA), was realized within the framework of a meeting of the association of the German wine growers. The public was made of German wine-producing operating managers (37 participants).

Events

Assemblée générale de VitiSwiss

Date 04.09.2013

Description M. Julien DUCRUET (EIC) y a présenté le projet ECOWINE afin de sensibiliser les acteurs nationaux aux enjeux de la formation dans le domaine de l'éco-conception des caves et de les inciter à promouvoir la formation à travers le pays.
VitiSwiss délivre un label National pour la reconnaissance du principe de production intégrée respectueuse de l'environnement.
VitiSwiss a largement relayé les informations liées au développement du projet ECOWINERY. En particulier, l'association a incité ses membres à participer aux sessions de formation organisées en Suisse et à s'inscrire sur la plateforme e-learning.
De plus, VitiSwiss a d'ores et déjà fait part de son intérêt pour mettre en place une collaboration avec EIC pour continuer à former ses membres à l'éco-conception.

Target audience Professionnels suisses engagés dans une démarche de production raisonnée.

Public Event is open to the public

Contact Information

Time and place Bern (Suisse), le 4 mars 2013

Oral communication: ECOWINERY

Date 29.05.2013

Description Mr. Joël ROCHARD (IFV) presented the project ECOWINERY and highlight the need to treat wine effluents. This issue is tackle by a specific module in the ECOWINERY training.

Target audience Professionals of the sector

Public Event is open to the public

Contact Information

Time and place Narbonne in France, in May the 29th 2013

Events

Oral communication INTERVITIS

Date 25.04.2013

Description M. Joël ROCHARD (IFV) presented the project ECOWINERY in order to convince the actors to get trained to cellars' eco-conception through ECOWINERY modules.

Target audience Professionals of the sector

Public Event is open to the public

Contact Information

Time and place In Germany, on April the 24th 2013

Oral communication: "ECOWINERY: le projet commun d'un réseau de hautes écoles d'œnologie"

Date 06.03.2013

Description This presentation took place within the framework of the Conference for the technical commission of Biowine and the FIBL (research institute of the organic farming). These two actors are in charge of the promotion of wine and the organic farming in Switzerland.

M. Julien DUCRUET (EIC) presented it the ECOWINERY project to alert the national actors about the stakes of the training in the field of the cellars' eco-conception and invite them to promote the training through the country.

Target audience Professionals of the sector

Public Event is open to the public

Contact Information

Time and place Switzerland, in May the 6th 2013