



PROJECT TITLE: **AUTONOMOUS CLOUD-COMPUTING VINEYARD ROBOT TO OPTIMISE YIELD MANAGEMENT AND WINE QUALITY**

PROJECT ACRONYM: **VINBOT**

CONTRACT NUMBER: **605630**

SUBJECT: **DELIVERABLE 9.1. CONSTRUCTION OF A WEBSITE PORTAL**

DISSEMINATION LEVEL: **PUBLIC**

PREPARED BY: **OGSZ**

REVISED BY: **ALL PARTNERS**

Revision	Preparation Date	Period covered	Project start date	Project duration
Final	31/04/2014	M1-M3	01/02/2014	36 months

The research leading to these results has received funding from the **European Union's Seventh Framework Programme** managed by **REA Research Executive Agency** under grant agreement n° **FP7-SME-2013-6056630**

## Contents

EXECUTIVE SUMMARY .....	3
INTRODUCTION .....	4
THE WEBSITE PORTAL .....	5
<i>Home page</i> .....	5
<i>Robot</i> .....	6
<i>News</i> .....	7
<i>Wine Industry</i> .....	7
<i>Technology</i> .....	8
<i>Technology Validation</i> .....	9
<i>Contact us</i> .....	9
INTERNAL COMMUNICATION AMONG PARTNERS .....	11
CONCLUSIONS .....	12
ANNEX .....	13

## EXECUTIVE SUMMARY

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VINBOT project started on 1<sup>st</sup> February 2014 aiming at helping winegrowers and wine producers manage the yield and wine quality by means of a new system based on robotics and cloud-computing technologies.

During the first three months of the project a website portal has been developed and it will serve as the primary means of dissemination of VINBOT.

The Deliverable 9.1 *Construction of a website portal* describes the portal itself showing some screenshots of it.

## INTRODUCTION

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The Consortium is aware of the importance of disseminating the project to maximize the benefits of VINBOT and they all agree that a website portal is vital to let all people know the existence of the project and make easily available all the development updates. This led all partners to be involved in the creation of the web content (proving both text and pictures) and are also committed in its future updates.

With this aim, during the Kick-off Meeting (Barcelona, 3<sup>rd</sup> and 4<sup>th</sup> February 2014), a Coming soon webpage was launched with the basic information of the project which was active until the launch of the final version.



Figure 1- Coming soon screenshot

The news of the Kick-off Meeting serve as an excuse to launch this provisional website that briefly explained the project objectives and announced the definitive version by April.

## THE WEBSITE PORTAL

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At the end of April the final website portal ([www.vinbot.eu](http://www.vinbot.eu)) was launched once the visual identity of VINBOT and the content was available.

The objectives of the portal are:

- To disseminate the non-confidential project information
- To create expectations on the technology being developed
- To help future exploitation of VINBOT facilitating the contact with the Consortium of stakeholders

In order to maintain the interest of visitors it will be updated periodically (minimum every 3 months and at any time there has been a news)

Translations into partner's languages (Portuguese, Spanish, Hungarian, Italian, Romanian and Catalan) are available by clicking in the bottom left of each page.

The website is hosted by ATEKNEA which will be the responsible for uploading any update during the project life.

### CONTENT

#### *Home page*

The home page is structured in three columns and describes in short words the VINBOT robot, the need of developing this technology and the benefits for winegrowers of using it. The starting point of the robot, some bunches of grapes and a winery pictures are shown to illustrate the content.

It also contains a direct link to the project news and to fun facts related to the wine culture.

The tabs of the different sections are placed on the top of the page.



Figure 2. Homepage screenshot

## Robot

The Robot section is divided into Technical and Market Features focusing on the abilities of VINBOT and the benefits for users.



Figure 3. Technical Features sub-section screenshot

## News

All the news related to the project and events in which VINBOT is present will be uploaded in this section. All partners are committed in this task and will provide information to update the portal.

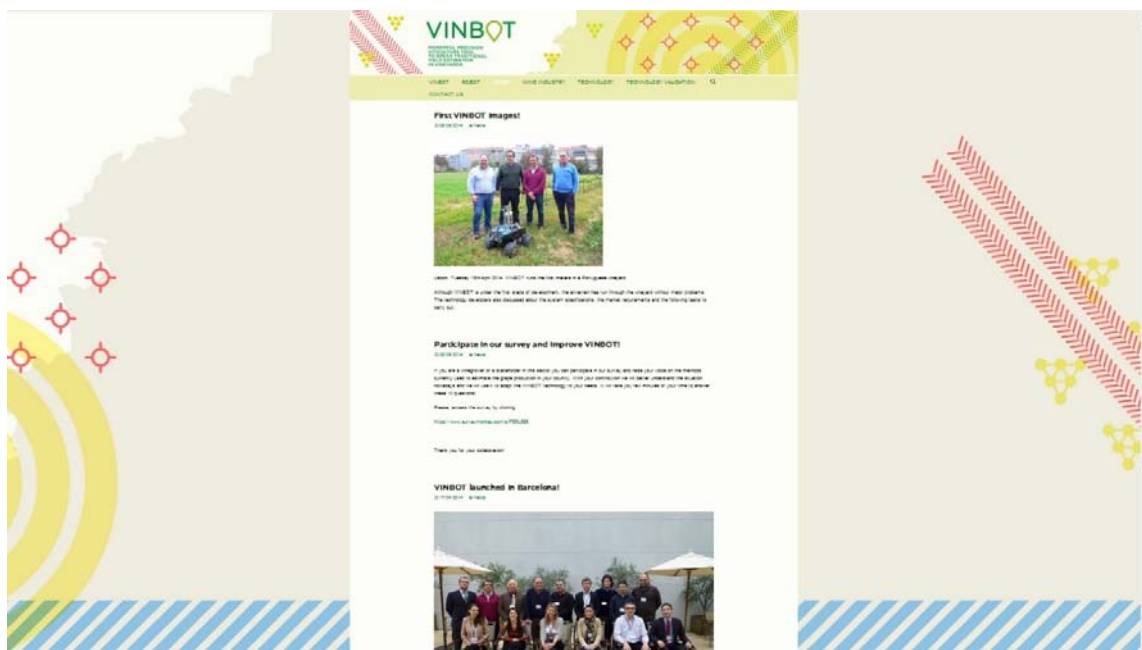


Figure 4. News section screenshot

## Wine Industry

This section is mainly devoted to the wine market and includes subsections for wines in Portugal, Hungary and Spain since these countries are among the main producers in Europe and are represented by Consortium Associations.



Figure 5. Wine Industry section screenshot

## Technology

In this section the visitor can be introduced into the Precision Viticulture, NDVI, Robotics and Visual Inspection technologies in which VINBOT is based on.



Figure 6. Precision Viticulture sub-section screenshot



## *Technology Validation*

The Consortium is described in this section as the ones developing and demonstrating the technology. Furthermore, the participation of the EU through grant received to develop the project is clearly stated by means of the sentence “This project has received funding from the European Union’s Seventh Framework Programme for research, technological development and demonstration under grant agreement FP7-SME-2013-2-605630.” together with the European Flag.

GRANJA, OGSZ and PROVIR Associations both as producers and as the main beneficiaries of VINBOT are also mentioned in the Wine Industry section.



*Figure 7. Technology Validation section screenshot*

## *Contact us*

People interested in this research are encouraged to contact us by means of a contact form, an e-mail address or a postal letter.

Wineries are especially welcome as they are potential users of VINBOT and therefore any comment from their side is of major interest. In the Technical Features wineries are stimulated to contact us by a direct link to the project contact.

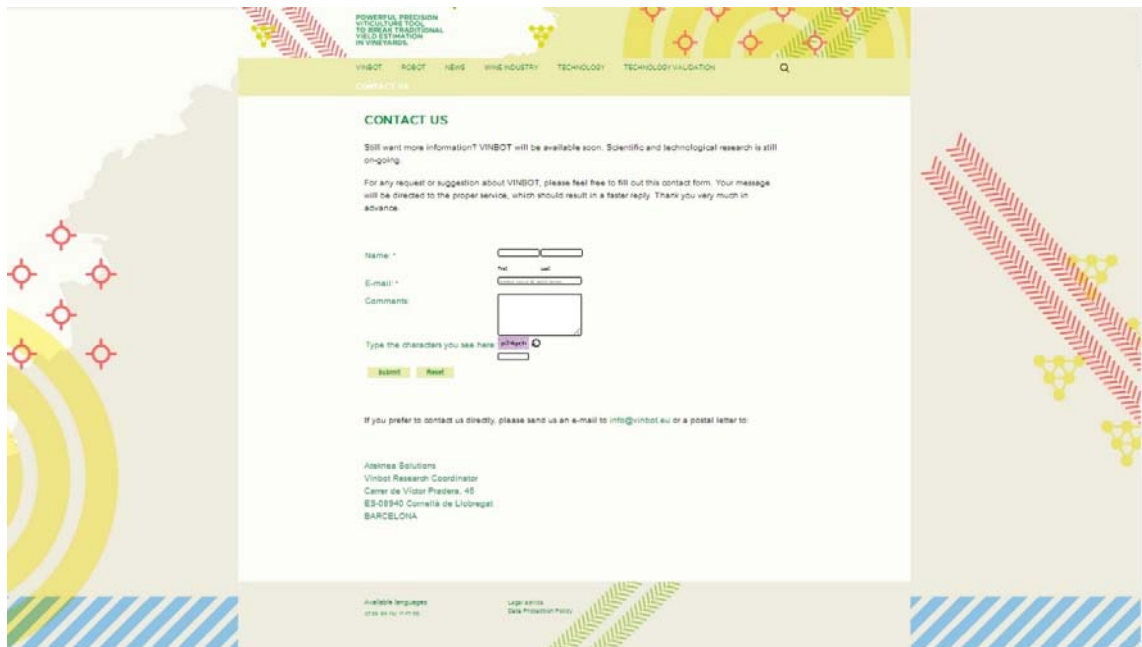


Figure 8. Contact Us section screenshot

# INTERNAL COMMUNICATION AMONG PARTNERS

Communications among partners will not be made through a private area in the website but using a specialized easy-to-use tool for project management called Basecamp (<https://basecamp.com/>). With this tool partners can send messages, upload documents or describe and assign tasks. All these information will remain available for partners beyond the project life.

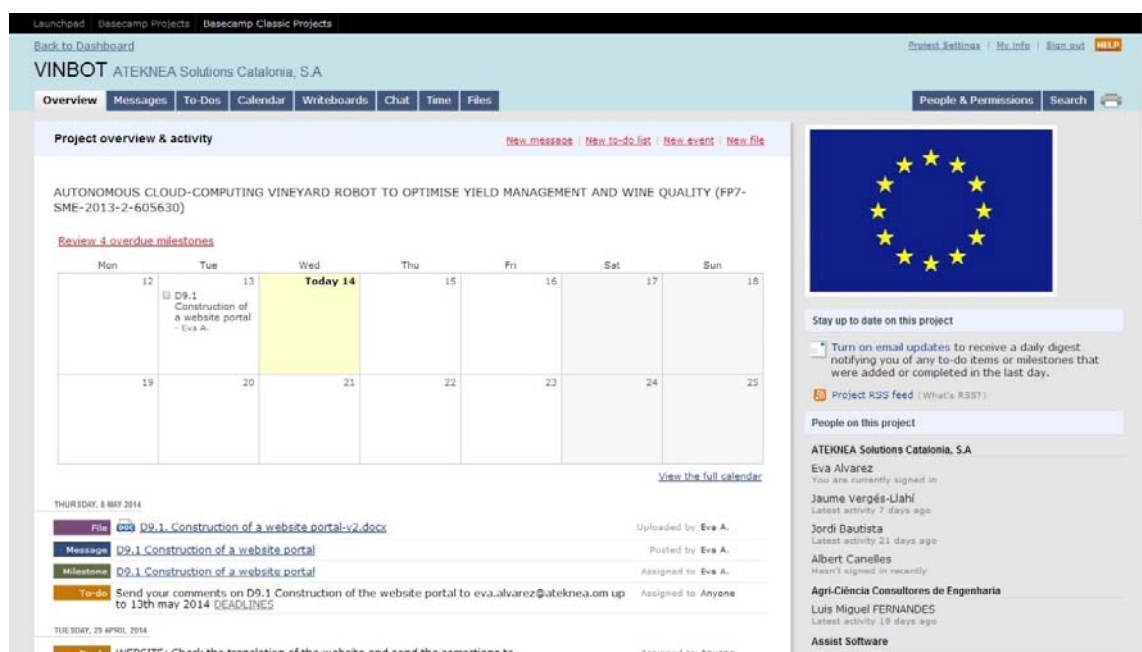


Figure 9. Screenshot of Basecamp

## CONCLUSIONS

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This Deliverable presents the VINBOT website which is the main tool for dissemination purposes and the best entry point to potential clients, and people interested in the technological research as well. Consortium partners will participate in its update supplying content periodically in order to provide all visitors with the latest news regarding the project.

## ANNEX

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The Coming soon webpage content told as follows:

**VINBOT is a powerful precision viticulture tool to break traditional yield estimation in vineyards. VINBOT Website will be launched in April 2014.**

- VinBot is an all-terrain autonomous mobile robot with a set of sensors capable of capturing and analysing vineyard images and 3D data by means of cloud computing applications, to determine the yield of vineyards and to share this information with the winegrowers.
- VinBot responds to a need to boost the quality of European wines by implementing precision viticulture (PV) to estimate the yield (amount of fruit per square metre of vine area: kg/m<sup>2</sup>).
- Wineries and wine growers will be able to make accurate yield predictions to organise the production and marketing their wines, coordinating the mixing of grapes of homogeneous quality to efficiently market a range of wines by quality and price.

*We are working on the new VINBOT website to provide you with more information. Please, wait until the website will be launched by March 2014 or write us to [info@vinbot.eu](mailto:info@vinbot.eu).*

LEGAL TERMS AND PRIVACY POLICY. Ateknea Solutions as legal Coordinator of the organisations which participate to the VINBOT Project co-funded by the European Commission under agreement FP7-SME-2013-2-605630 guarantees the protection of all Personal Data supplied by the Website User and, according to the Spanish Data Protection Act 15/1999 of 13 December and the Royal Decree 1720/2007 of 21 December, informs you that You -the Website User- are entitled to exercise your rights of access, rectification, cancellation and opposition by addressing such written application to [Ateknea Solutions](http://www.ateknea.com), Victor Pradera 45, ES-08940 Cornellà de Llobregat, Barcelona.