This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 687412.
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This project is co-funded by the European Union

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**Document Information**

<table>
<thead>
<tr>
<th>Grant Agreement Number</th>
<th>687412</th>
<th>Acronym</th>
<th>APOLLO</th>
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<tbody>
<tr>
<td><strong>Full Title</strong></td>
<td>Advisory platform for small farms based on earth observation</td>
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<td><strong>Horizon 2020 Call</strong></td>
<td>EO-1-2015: Bringing EO applications to the market</td>
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<tr>
<td><strong>Type of Action</strong></td>
<td>Innovation Action</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Start Date</strong></td>
<td>1st May 2016</td>
<td><strong>Duration</strong></td>
<td>34 months</td>
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<tr>
<td><strong>Project URL</strong></td>
<td><a href="http://APOLLO-h2020.eu/">http://APOLLO-h2020.eu/</a></td>
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<tr>
<td><strong>Deliverable</strong></td>
<td>D6.2: 1st APOLLO Training Material</td>
<td></td>
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<tr>
<td><strong>Work Package</strong></td>
<td>WP6 – Pilot operation and evaluation</td>
<td></td>
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<tr>
<td><strong>Date of Delivery</strong></td>
<td>Contractual</td>
<td>M18</td>
<td>Actual</td>
</tr>
<tr>
<td><strong>Nature</strong></td>
<td>DEC</td>
<td><strong>Dissemination Level</strong></td>
<td>PU</td>
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<tr>
<td><strong>Lead Beneficiary</strong></td>
<td>DRAXIS Environmental SA</td>
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<td><strong>Reviewer(s)</strong></td>
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<tr>
<td><strong>Keywords</strong></td>
<td>Training material</td>
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**Document History**

<table>
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<tr>
<th>Version</th>
<th>Issue Date</th>
<th>Stage</th>
<th>Changes</th>
<th>Contributor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>25/10/2017</td>
<td>Draft</td>
<td>Initial version sent to reviewers</td>
<td>UBFCE</td>
</tr>
<tr>
<td>2.0</td>
<td>31/10/2017</td>
<td>Draft</td>
<td>Document reviewed</td>
<td>DRAAXIS</td>
</tr>
<tr>
<td>3.0</td>
<td>02/11/2017</td>
<td>Final</td>
<td>Comments addressed</td>
<td>UBFCE</td>
</tr>
</tbody>
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Executive summary

This document reports on the development of the first set of APOLLO training material within the context of the Task 6.2 Pilot training and execution. The current set of training material reflects the functionalities of APOLLO platform beta version and supports execution of beta phase of the pilots.

1 Introduction

One of the main objectives in Apollo project is to offer high quality services to farmers that will help them increase their productivity. The offerings can be summarized in 6 different services i) Tillage scheduling, ii) Irrigation scheduling, iii) Crop growth monitoring, iv) Crop yield estimation, v) Weather forecasting (additional service) and vi) Management zones (additional service). Crop biomass is one of the biophysical parameters of crops that will be produced to support two of the services, namely crop growth monitoring and crop yield estimation. The services will be tested in three pilot areas: La Mancha (Spain), Pella (Greece) and Ruma (Serbia).

This deliverable consists of a set of User Guides and video tutorial and it is aimed to support the end-users in using the APOLLO platform beta version during beta pilot phase. The training material reflects the currently developed functionalities of APOLLO platform and will be updated in accordance with the further improvements of the platform.
2 Content of the training material

The current version of the APOLLO Training Material consists of:

- User Guide v1.0 (Appendix I)
  - Getting started
  - How to register…
  - How to log in …
  - How to edit profile settings…
  - How to add parcels…
  - How to use the services…

- Video Tutorial v1.0
  https://drive.google.com/file/d/0Bxno9lZrys9AViZiTnBGSHGE0MjA/view?usp=sharing
Annex I: Get started with APOLLO

Get started with APOLLO services

1st STEP: REGISTER AN APOLLO ACCOUNT

2nd STEP: LOG IN TO YOUR APOLLO ACCOUNT AND SET UP YOUR PROFILE

3rd STEP: ADD YOUR FIELDS

4th STEP: USE APOLLO SERVICES

Open APOLLO platform in your web browser (Chrome, Mozilla...). The address is: http://apollo.drasis.gr ... and follow the steps.
Annex II: User Guide “How to register an APOLLO account”

HOW TO REGISTER AN APOLLO ACCOUNT...

Open APOLLO platform in your web browser (Chrome, Mozilla...). The address is: http://apollo.draxis.gr

Click on REGISTER pane
Fill in the requested information (e-mail, Name, Last name, password) and then click on REGISTER.

You received the Account Activation e-mail. Go to your e-mail account and open the e-mail received from APOLLO. Click on VERIFY YOUR EMAIL.
New tab in your browser is opened. Click on here to complete your registration.

HOW TO LOG IN YOUR APOLLO ACCOUNT...

Insert the e-mail address and password set during registration
Click on LOG IN

You are logged in your APOLLO account. Your APOLLO dashboard is now open.

HOW TO EDIT PROFILE SETTINGS...

In the dashboard of your APOLLO account, click on your name
In the dropdown menu, click on View Profile

Edit your profile settings
Insert your phone number in order to receive notification by SMS

When you finish editing, click on UPDATE PROFILE
To change password, click on PASSWORD in the menu

Insert current password, new password and repeat new password
To edit settings for notification, click on NOTIFICATION in the menu

Set the frequency of notification
Set the way in which you would like to receive the notifications from APOLLO

Click on UPDATE PROFILE
Annex V: User Guide “How to add your parcels to APOLLO platform”

HOW TO ADD YOUR PARCELS TO APOLLO PLATFORM...

In the dashboard of your APOLLO account, click on +ADD A NEW PARCEL
Insert the information about the new parcel: name, crop type, irrigation system, sowing and harvesting dates

Go to the map below and zoom in to the area where the parcel is situated
When you identify the parcel on the map, click on Draw a polygon symbol

By clicking over map, draw the parcel's boundaries
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Click on the first point to close the polygon

Click on SAVE PARCEL. The new parcel is added to APOLLO.
Annex VI: User Guide “How to use APOLLO services”

HOW TO USE APOLLO SERVICES...

List of the parcels added to APOLLO services is shown in the DASHBOARD of your APOLLO account, classified by CROP TYPES
Click on a CROP TYPE (e.g. Maize) to list all the parcels with the crop type.
Click on the icon of the Tillage service for a parcel on the list

Tillage scheduling service for the chosen parcel is open and ready to use. In the upper part of the window, current weather and weather forecast for the next 6 days is displayed.
In the lower part of the window, soil workability map is presented and a graph of timely change of temperature for a selected day.

In the dropdown menu, select Soil Moisture option to display the data on the map.
Soil Moisture map is displayed

Switch to **Irrigation scheduling service** by clicking on the IRRIGATION tab in the services menu.
By default, Irrigation Decision map is displayed.

The map shows one of the two possible information, namely Needs water or Does not need water.
In the dropdown menu, select Irrigation dose to see precise amount of water needed.

Click on "Chrome Legacy Window" document in "Apollo"

The Irrigation dose is displayed on the map
Switch to **Crop Growth Monitoring service** by clicking on the CROP GROWTH MONITORING tab in the services menu.

NDVI map is displayed by default. In the dropdown menu, chose another parameter (LAI, Chlorophyll content, biomass) to display.

The selected parameter is displayed on the map.
Switch to **Yield Estimation service** by clicking on the YIELD ESTIMATION tab in the services menu
Crop Yield map is displayed by default. In the dropdown menu, choose Crop Residues to display the map of residues.