

## ARISTOIL

**“Reinforcement of Mediterranean olive oil sector competitiveness through development and application of innovative production and quality control methodologies related to olive oil health protecting properties”**

**PRIORITY AXIS 1: Promoting Mediterranean innovation capacities to develop smart and sustainable growth PI 1.b**

**1.1 To increase transnational activity of innovative clusters and networks of key sectors of the MED area**

**Project website: <http://aristoil.interreg-med.eu/>**

**DELIVERABLE Number: 4.2.3**

**Title of DELIVERABLE: Training report**

**ACTIVITY n.: 4.2**

**WP n.: 4**

**PARTNER IN CHARGE: University of Cordoba**

**PARTNERS INVOLVED: All partners**

*Status:*

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*Date: 15/12/2019*

According to the different results provided by the five countries participating in the project a document has been prepared to describe the guidelines to be followed for preparation of extra virgin olive oil (EVOO) with high phenolic content. One of the aspects to be considered in this document is the huge variability found for the different countries in terms of cultivars, agronomical practices, production technologies, etc. For this reason, this document has been prepared attending to the results generated by the two certification centers located at Greece and Spain, which are also the two countries with the highest contribution of samples to the Aristoil Project. Thus, most of the recommendations are generic and can be followed by all producing countries. Additionally, there are some particular aspects that are restricted to typical cultivars from some countries. This particular information will be included in the report to be submitted to national producers. This fact can be supported due to the fact that these cultivars are more extended, and the high number of samples analyzed for them reinforces the statistical analysis.

This document (Guide for Producers) has been the support for preparation of the actions associated to WP4 as the activity **4.2. Training Activities**. The action selected for this purpose has been trainings and formative sessions for producers and olive millers to explain the main factors to be considered in the production of EVOO in order to enhance the concentration of phenolic compounds without a loss of quality. The format of these trainings followed the same scheme that is presented as follows:

- Presentation of the Aristoil Project.
- Relevance of the phenolic compounds in EVOO.
- Description of the EU 432/2012 health claim associated to phenolic compounds of olive oil.
- Explanation of the main factors affecting the concentration of phenolic compounds in EVOO.
- Presentation of the results derived from the Aristoil project.
- Differentiation of EVOO with healthy properties due to their phenolic content.
- Conclusions
- Questions

The organization of trainings has been carried out by the following partners:

- EGTC Efxini Poli
- EuroMediterranean Center for the Sustainable Development (SVIMED)
- Larnaca-Famagusta District Development Agency (Anetel)
- University of Split

- Free Municipal Consortium of Ragusa
- Region of Peloponnese
- Malaga County Council

However, all partners from different countries have participated in these trainings. Thus, personnel from the University of Athens and University of Cordoba have been involved in the training activities held in Greece, Cyprus and Spain.

The total target of the activity 4.2. Training Activities was to achieve an impact of 1480 participants in a minimum number of 37 trainings with the following distribution per partner:

- Efxini Poli: 6 trainings
  - SVIMED: 6 trainings
  - Anetel: 5 trainings
  - University of Split: 4 trainings
  - Ragusa Consortium: 4 trainings
  - Region of Peloponnese: 6 trainings
  - Malaga County Council: 6 trainings
- Total number: 37 trainings

The target audience was set at 40 participants per training, which makes a total impact of 37 trainings x 40 participants = 1480 participants.

The participants could include:

- SMEs, defined as the main target represented by producers and olive millers.
- General public.
- Interest groups (including NGOs).
- International organizations.
- Local public authorities.
- Regional public authorities.
- Others.

Nevertheless, the targets were strictly associated to SMEs.

The summary of this activity for all partners is shown in Table 1:

| Partner          | Number of trainings | Participants |            | Target      | % achieved*  |
|------------------|---------------------|--------------|------------|-------------|--------------|
|                  |                     | Total        | SMEs       |             |              |
| Efxini Poli      | 6                   | 238          | 147        | 240         | 61,25        |
| SVIMED           | 11                  | 261          | 83         | 240         | 34,58        |
| ANETEL           | 2                   | 37           | 22         | 200         | 11,00        |
| UNIST            | 5                   | 139          | 104        | 160         | 65,00        |
| Ragusa Cons.     | 4                   | 143          | 64         | 160         | 40,00        |
| Reg. Peloponnese | 6                   | 282          | 195        | 240         | 81,25        |
| Dip. Malaga      | 6                   | 182          | 176        | 240         | 73,33        |
| <b>TOTAL</b>     | <b>39</b>           | <b>1282</b>  | <b>791</b> | <b>1480</b> | <b>53,45</b> |

**Table 1.** Summary of trainings and participants organized by the Aristoil partners. \*The percentage was calculated by considering only SMEs as participants.

As can be seen, Efxini Poli, SVIMED, University of Split, Region of Peloponnese and Malaga County Council organized the number of trainings previously assigned. In fact, SVIMED organized 11 training activities. On the other hand, ANETEL found problems in the preparation of these activities and they were not able to achieve the target in terms of trainings number. In overall terms, 40 trainings were held in the five countries.

The total number of participants was 1282 which is quite close to 1480 participants in the target. This is equivalent to 86.6%. This percentage is reduced to 53.45% if only SMEs are considered. This value was obtained directly by the number of real attendants. However, this number is considerably enhanced if the attendants are evaluated. Thus, in most occasions representatives of producer associations attended to the training activities. This is particularly significant in Spain, where producers are typically organized in cooperatives or associations of producers (denomination of origin) that frequently surpass thousands of producers. These representatives received the training course material translated in their languages and also in e-form for distribution through the producers. Therefore, the impact is higher than that illustrated in Table 1.

The summary of the training activities per partner are presented here:

Efxini Poli: 6 trainings

| Date     | Place                   | Total number of participants |
|----------|-------------------------|------------------------------|
| 4/4/19   | Kythira, Attica Region  | 28                           |
| 4/11/19  | Nea Triglia, Chalkidiki | 45                           |
| 18/04/19 | Sitia, Crete            | 59                           |
| 16/05/19 | Agios Matheos, Kerkyra  | 27                           |
| 28/9/19  | Akritochori, Messinia   | 39                           |
| 12/10/19 | Daras, Messinia         | 40                           |

SVIMED: 11 trainings

| Date          | Place   | Total number of participants |
|---------------|---|------------------------------|
| 11/9/18       | Ragusa - technical<br>Institute Gagliardi               | 50                           |
| 26/10/18      | Chiamonte Gulfi<br>Olive oil Mill Oleificio<br>Guccione | 10                           |
| 27/10/18      | Scicli - Olive Mill<br>Oleificio Fidone                 | 23                           |
| 19/9/18       | Ragusa - Olive Mill<br>Tenuta Chiamonte                 | 4                            |
| 17-18/11/2018 | Cassano delle Murge                                     | 50                           |
| 24/11/18      | Modica (RG)   | 30                           |
| 9/12/18       | Licodia Eubea   | 25                           |
| 13/12/18      | Carovigno (BR)  | 33                           |
| 18-19/12/2018 | Catania University                                      | 22                           |
| 6/1/19        | Cassaro (SR)  | 14                           |

Anetel: 2 trainings

| Date    | Place       | Total number of participants |
|---------|-------------|------------------------------|
|         |             |                              |
| 11/4/19 | donkey farm | 11                           |
| 6/10/19 | athienou    | 26                           |

University of Split: 5 trainings

| Date     | Place     | Total number of participants |
|----------|-----------|------------------------------|
|          |           |                              |
| 11/10/19 | Kaštela   | 17                           |
| 19/4/19  | Vela Luka | 42                           |
| 15/12/19 | Šolta     | 37                           |
| 27/6/19  | Poreč     | 19                           |
| 28/6/19  | Rijeka    | 24                           |

Ragusa Consortium: 4 trainings

| Date       | Place   | Total number of participants |
|------------|---|------------------------------|
| 11/4/19    | Ragusa - Free Municipal Consortium of Ragusa meeting hall | 33                           |
| 24/5/19    | Aidone - Frantoio di Mirabella in Baccari                 | 24                           |
| 29/11/18   | Sciacca   | 15                           |
| 27/11/2019 | Alcamo, I.I.S.S. "P.Mattarella – D.Dolci                  | 71                           |

Region of Peloponnese: 6 trainings

| Date      | Place    | Total number of participants |
|-----------|----------|------------------------------|
| 18/9/2018 | Kalamata | 87                           |
| 19/9/2018 | Messini  | 19                           |
| 20/9/2018 | Filiatra | 23                           |
| 24/9/2018 | Koroni   | 28                           |
| 14/10/18  | Sparti   | 70                           |
| 23/3/19   | Kranidi  | 55                           |

Diputación de Málaga: 6 trainings

| Date       | Place   | Total number of participants |
|------------|---|------------------------------|
| 14/06/2019 | Palacio de Erisana,<br>Lucena (Córdoba)   |                              |
| 18/06/2019 | C/ Cantaor Manuel<br>Ávila s/n (Centro<br>Etnológico de<br>Montefrío). 18270.<br>Montefrío (Granada)                          |                              |
| 19/06/2019 | Avda. Niceto Alcalá<br>Zamora. Parque<br>Urbano Multiusos –<br>Pabellón de las Artes<br>14800, Priego de<br>Córdoba (Córdoba) |                              |
| 21/06/2019 | La Roda de Andalucía<br>(Sevilla)   |                              |
| 26/06/2019 | Museo Etnográfico de<br>Riogordo, Calle Iglesia<br>14. 29180 Riogordo<br>(Málaga)   |                              |
| 28/06/2019 | Plaza de la Constitución<br>s/n. 14850. Baena<br>(Córdoba)  |                              |
|            |   | Total: 182 participants      |