

# E-books, videos and posters

# WP 1 – Development of training materials

Paulo Baptista WP Leader: P&B

03th August 2018



Co-funded by the Erasmus+ Programme of the European Union

FOODQA - FOSTERING ACADEMIA-INDUSTRY COLLABORATION ad by the IN FOOD SAFETY AND QUALITY 574010-EPP-1-2016-1-JO-EPPKA2-CBHE-JP





#### **Document Data**

Deliverable: E-books, videos and posters

Work Package No & Title : WP1 – Development of training materials

Work Package Leader: P12 - Paulo & Beatriz – Consultores Associados (P&B) (Portugal))

Partners involved: P1 - Jordan University of Science and Technology (JUST) (Jordan), P2 - The University of Jordan (UJ) (Jordan), p3 - Mutah University (MU) (Jordan), P4 - Al Balqa' Applied University (BAU) (Jordan), P5 - Jordan Company for Antibody Production (MONOJO) (Jordan), P6 - The Jordan Food and Drug Administration (JFDA) (Jordan), P7 - Leipzig University of Applied Science (HTWK) (Germany), P8 - University of Teramo (UNITE) (Italy), P9 - University of Split (UNSIT) (Croatia), P10 - Jerash University (JU) (Jordan), P11 - Agricultural University of Athens (AUA) (Greece), P13 - Creative Thinking Development (CRE.THI.DEV) (Greece)

Distribution level: Public

Reviewed by: Peer review/External reviewer (name(s))

Document Version: 0.1

Status: Final

#### **Document History**

Version	Date	Author/Organization	Changes
0.1	3th August 2018	Paulo Baptista	1 <sup>st</sup> version





Project Nr 574010-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



Co-funded by the Erasmus+ Programme of the European Union





Disclaimer

This project has been funded by the Erasmus+ Programme of the European Union.

The information and views set out in this publication are those of the author(s) and do not necessarily reflect the official opinion of the European Union. Neither the European Union institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of the information contained therein.

Reproduction is authorised provided the source is acknowledged.

All rights reserved

Copyright © FOODQA Consortium, 2016-2019











# Table of Contents

1	Introduction	5
2	Deliverables	5
2.1	Deliverables – e-books	5
2.2	Deliverables – videos	6
2.3	Deliverables – posters	7
3	Conclusions	9





Project Nr 574010-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



Co-funded by the Erasmus+ Programme of the European Union





# 1 Introduction

The objective of WP1 – "Development of training materials" was the development of training materials that could be used for the training of the students, technical workers in the food industry and all other workers in the field of food industry and technology. The materials should address all the topics that were of interest to the workers in the field. The process of development of these materials was structured in steps that include first the development and validation of contents (WP1.1, WP1.2 and WP 1.3), second the production of the training materials (WP1.4, WP1.5 and WP1.6) and third the validation of the training materials developed (WP1.7).

## 2 Deliverables

In the scope of these work-package, the deliverables expected to be produced were 8 e-books, 5 videos and 8 posters. The work among the partners in the development of these training materials and agreed and planned in the 1<sup>st</sup> Project Management Meeting held in Jordan, from the 25<sup>th</sup> to the 27<sup>th</sup> February 2017. In this meeting it was also agreed that the partners that would not be involved in development of a specific training material would participate in its review and validation.

#### 2.1 Deliverables - e-books

In the scope of the WP1, it were developed 8 e-books, following the process development described in 1. Introduction:

- 1. Food safety hazards
- 2. Food safety management
- 3. Personnel hygiene
- 4. Design and construction of food premises
- 5. Cleaning and disinfection
- 6. Pest control
- 7. Quality management systems
- 8. Quality management tools











According to what has agreed by the partners in the 1<sup>st</sup> Project Management Meeting held from the 25<sup>th</sup> to the 27<sup>th</sup> February 2017 in Jordan, the development of these training materials was performed by the following partners:

- 1. Food safety hazards:
  - Leader UniTE
  - Other participants AUA, UJ, JU, MU
  - 2. Food safety management
    - Leader P&B
    - Other participants AUA, JFDA, UJ, JU
- 3. Personnel hygiene
  - Leader AUA
    - o Other participants UNSIT, JUST, UJ, AUA, BAU, JU
- 4. Design and construction of food premises
  - Leader UNSIT
  - Other participants JUST, UJ, P&B
- 5. Cleaning and disinfection
  - Leader UNSIT
  - Other participants JUST, UJ, UNITE
- 6. Pest control
  - Leader UNITE
  - Other participants BAU, UNSIT, JU
  - 7. Quality management systems
    - Leader AUA
    - Other participants JUST, MU, CRE.THI.DEV
  - 8. Quality management tools
    - Leader CRE.THI.DEV
    - $\circ$  Other participants AUA, BAU, JFDA, JUST

#### 2.2 Deliverables – Videos

In the scope of the WP1, it were developed 8 e-books, following the process development described in 1. Introduction:

- 1. Hand washing
- •









- 2. Cleaning and disinfection
- 3. Pest control
- 4. Temperature control
- 5. Control of reception of raw materials

According to what has agreed by the partners in the 1st Project Management Meeting held from the 25th to the 27th February 2017 in Jordan, the development of these training materials was performed by the following partners:

- 1. Hand washing
  - Leader (definition) UNSIT
  - Other participants (definition) JUST, UJ, AUA, JU
  - Leader (production) MONOJO
  - Other participants (production) JUST
- 2. Cleaning and disinfection
  - Leader (definition) UNSIT
  - $\circ$  Other participants (definition) JUST, UJ, UNITE
  - $\circ$  Leader (production) MONOJO
  - $\circ$  Other participants (production) JUST
- 3. Pest control
  - Leader (definition) UNITE
  - Other participants (definition) BAU, UNSIT, JU
  - Leader (production) MONOJO
  - Other participants (production) JUST
- 4. Temperature control
  - Leader (definition) P&B
  - $\circ~$  Other participants (definition) BAU, UNITE, MU
  - $\circ$  Leader (production) MONOJO
  - Other participants (production) JUST
  - 5. Control of reception of raw materials
    - Leader (definition) P&B
    - Other participants (definition) JFDA, JUST
    - Leader (production) MONOJO
    - Other participants (production) JUST

#### 2.3 Deliverables – posters

In the scope of the WP1, it were developed 8 posters, following the process development described in 1. Introduction:











- 1.Food spoilage
- 2. Food preservation
- 3. Hazard analysis
- 4. Temperature control
- 5. Pest control
- 6. Hand washing
- 7. Cleaning and disinfection
- 8. Control of reception of raw materials

According to what has agreed by the partners in the 1st Project Management Meeting held from the 25th to the 27th February 2017 in Jordan, the development of these training materials was performed by the following partners:

- 1.Food spoilage
  - Leader (definition) UNITE
  - Other participants (definition) AUA, UJ, JU, MU
  - Leader (production) BAU
- 2. Food preservation
  - Leader (definition) P&B
  - $\circ$  Other participants (definition) UJ, JU, BAU
  - Leader (production) BAU
- 3. Hazard analysis
  - Leader (definition) AUA
  - Other participants (definition) JFDA, UJ, JU, P&B
  - Leader (production) BAU
- 4. Temperature control
  - Leader (definition) P&B
  - Other participants (definition) BAU, UNITE, MU
  - Leader (production) BAU
- 5. Pest control
  - Leader (definition) UNITE
  - Other participants (definition) BAU, UNIST, JU
  - Leader (production) BAU
- 6. Hand washing
  - Leader (definition) UNSIT
  - Other participants (definition) JUST, UJ, AUA, JU
  - Leader (production) BAU
- 7. Cleaning and disinfection
  - Leader (definition) UNSIT
  - Other participants (definition) JUST, UJ, UNITE
  - Leader (production) BAU



F JOC







- 8. Control of reception of raw materials
  - Leader (definition) JFDA
  - Other participants (definition) P&B, JUST
  - Leader (production) BAU

### 3 Conclusion

The final versions of these deliverables are available in the project website. Validation of these e-books was carried out by the partners following the approach defined in 2. Deliverables, and final validation has done in the 4<sup>th</sup> Project Management Meeting, held on the 30<sup>th</sup> April 2018 in Jordan.



F JOC

Project Nr 574010-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



Co-funded by the Erasmus+ Programme of the European Union



WP1 Deliverables - E-books, videos and posters