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Republic of Lebanon
MINISTRY OF AGRICULTURE

H2020-MSCA-RISE-2016
CURE-XF - 734353

Capacity Building and Raising Awareness in Europe and in Third Countries
to Cope with *Xylella fastidiosa* – "CURE-XF"

The 1st CURE-XF Regional Training in "**Xylella fastidiosa – diagnosis, control, and management measures**" was organised in Lebanon from 1 to 5 July 2019 by CIHEAM Bari (Italy) as Project Coordinator, the Lebanese Agricultural Research Institute - LARI (Lebanon), and the Order of Engineers and Architects – Beirut (Lebanon), in collaboration with the Lebanese Ministry of Agriculture.

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PROGRAMME

1 July 2019

11:00-11:45 Registration of participants

12:00 – 13:00 Welcome addresses and Official opening of the training

- OEA President, **Architect Jad Tabet**
- President-Director General of LARI, **Dr Michel Afram**
- Coordinator of CURE-XF Project, **Dr Maroun El Moujabber**
- Representative from EU Delegation in Lebanon (tbc)
- Minister of Agriculture, Lebanon, **Prof Hassan Lakkis**

Short Video about CURE-XF

13:00 – 13:30 Networking Break

13:30-14:00 Introductory session

- Coordinator of CURE-XF Project, **Dr Maroun El Moujabber, CIHEAM Bari - Italy**
- Lebanese PI of CURE-XF Project, **Dr Elia Choueiri, LARI - Lebanon**
- Head of the Branch of Agricultural Engineers at OEA, **Dr Micheline Wehbe, OEA - Lebanon**

14:00-18:00 First Session

Dr Piererederico La Notte, CNR-IPSP - Italy

- Overview on *Xylella fastidiosa* in Italy
- Information, communication and prevention of Xylella threat
- Evolution, legislation and combating the epidemic in Puglia (Southern Italy)
- Tools for bacterial control: genetic resistance in olive germplasm and other applications

Q&A

Michel Frem, LARI - Lebanon

- *Xylella fastidiosa***:** risk drivers & socio-environmental impact

2 July 2019

14:00-18:00 Second Session

Dr Blanca B Landa, CSIC - Spain

- Overview on *Xylella fastidiosa* in Spain;
- Different molecular tools to assess genetic diversity within Xf populations

Dr Juan Imperial, CSIC - Spain

- Bacterial genomics and insights into the genetics of *Xylella fastidiosa*

Q&A

Dr Martin Godefroid, CSIC - Spain

- *Xylella fastidiosa* dynamics, vectors and existing risk assessments

3 July 2019

14:00-17:30 Third Session

Dr Franco Valentini, CIHEAM Bari - Italy

- Guidelines for sampling and sample preparation
- **Dr Toufic El Beaino, CIHEAM Bari – Italy**

- **Diagnostic tools for the detection of Xylella fastidiosa in plants and insect-vectors**

Dr Claude Bragard, UCL - Belgium

- Pest risk assessment training - methodologies and discussion on the EFSA scientific opinion on *Xylella fastidiosa*

Q&A

17:30-18:00 Closing Session and Certificate Award Ceremony

4 July 2019

Laboratory practical work at LARI – Tal Amara, Bekaa Valley

7:30 Departure to Tal Amara by bus from the Order of Engineers and Architects
17:00 Return to Beirut

5 July 2019

Field practical work at Cooperative Darbechtar - Koura, North Lebanon

8:00 Departure to Darbechtar, Koura by bus from the Order of Engineers and Architects
15:00 Return to Beirut

PARTICIPANTS

Surname	Name	Nationality
Abboud	Christinella	Lebanese
Abdou	Rana	Lebanese
Abou Kubaa	Raied	Syrian
Achbani	El Hassan	Moroccan
Ahmad El Hajj	Ihab	Lebanese
Al-Ajamy	Mayssa	Lebanese
Al-Akhrass	Huda	Lebanese
Altaki	Dayana	Lebanese
Amis	Sylvana	Lebanese
Ayoub	Zaher	Lebanese
Bakry	Marwa	Lebanese
Benni	Bilal	Lebanese
Bilen	Christine	Lebanese
Chaalan	Zeinab	Lebanese
Chahine	Hala	Lebanese
Chalak	Lamis	Lebanese
Chehade	Ali	Lebanese
Chemaly	Josiane	Lebanese
Choueiri	Elia	Lebanese
Damy	Bassil	Lebanese
Daoud	Sawsan	Lebanese
Darazy	Dalida	Lebanese
Dayeh	Desiree	Lebanese
Eid	Pauline	Lebanese
El Chami	Antonio	Lebanese
El Hachem	Carole	Lebanese
El Hachem	Nidale	Lebanese
El Hayek	Sophie	Lebanese
El Khansa	Najwa	Lebanese
El Khoury	Rebecca	Lebanese
El Riachy	Milad	Lebanese
El Zammar	Souheir	Lebanese
El-Bared	Pascale	Lebanese
Elbitar	Ahmad	Lebanese
Elias	Esperance	Lebanese
Elsakka	Houssein	Lebanese
Ezzeddine	Nour	Lebanese

Surname	Name	Nationality
Fahed	Marianne	Lebanese
Feghali	Nadine	Lebanese
Frem	Michel	Lebanese
Gerges	Elvis	Lebanese
Gerges	Hanna	Lebanese
Gerges	Sylvana	Lebanese
Ghanem	Hassana	Lebanese
Ghorayeb	Romy	Lebanese
Ghssain	Joelle	Lebanese
Habchy	Rosine	Lebanese
Habib	Wassim	Lebanese
Hage	Charbel	Lebanese
Hawi	Ghinwa	Lebanese
Hayek	Marie-Louise	Lebanese
Ibrahim	Khalil	Lebanese
Ibrahim	Said	Lebanese
Imad	Ibtissam	Lebanese
Jreijiri	Fouad	Lebanese
Katerji	Nour	Lebanese
Khalil	Reine	Lebanese
Khechmar	Souheyla	Algerian
Kiwan	Charly	Lebanese
Kiwan	Queen	Lebanese
Makkouk	Khaled	Lebanese
Marouni	Zeinab	Lebanese
Marouni	Aya	Lebanese
Mohammad	Hawraa	Lebanese
Moubarak	Peter	Lebanese
Mushantaf	Walid	Lebanese
Nacouzi	Pierre	Lebanese
Nehme	Cosette	Lebanese
Nehme	Moeen	Lebanese
Nemer	Nabil	Lebanese
Noujeim	Elise	Lebanese
Omar	Mohammad	Lebanese
Omar	Ali	Lebanese
Oueidat	Nadine	Lebanese
Rizk	Ziad	Lebanese
Saad	Elie	Lebanese

Surname	Name	Nationality
Saad	Charbel	Lebanese
Sebaaly	Claudine	Lebanese
Shaalan	Roshan	Lebanese
Shamseddine	Aya	Lebanese
Siblini	Mona	Lebanese
Tarshishi	Aya	Lebanese
Toubia	Hala	Lebanese
Wakim	Samer	Lebanese
Zinette	Moussa	Lebanese
Zouba	George	Lebanese
Zougheib	Maroun	Lebanese

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PARTICIPANT INFORMATION SHEET no. 1/2019

This form is used in research, training and dissemination activities of the Project: "Capacity Building and Raising Awareness in Europe and in Third Countries to Cope with *Xylella fastidiosa*" **(CURE-XF)** the framework of H2020-MSCA-RISE-2016

Activity title: First CURE-XF Regional Training in: "*Xylella fastidiosa*: diagnosis, control and management measures"

Institutions: Ministry of Agriculture of Lebanon, CIHEAM Bari, LARI, Order of Architects and Engineers of Beirut

Location: OAE in Beirut **Country:** Lebanon

Lead investigator: Maroun El Moujabber **email:** elmoujabber@iamb.it

You are invited to take part in research, training and dissemination activities of the Project **CURE-XF**. Whether or not you take part is your choice. If you don't want to take part, you don't have to give a reason, and it won't affect the care you receive. If you do want to take part now, but change your mind later, you can pull out of the study at any time.

This Participant Information Sheet will help you decide if you'd like to take part. It sets out why we are doing this activity, what your participation would involve, what the benefits and risks to you might be, and what would happen after the activity ends. We will go through this information with you and answer any questions you may have. You do not have to decide today whether or not you will participate in this activity. Before you decide you may want to talk about the activity with other people, such as family, friends, or colleagues. Feel free to do this.

If you agree to take part in this activity, you will be asked to sign the Consent Form on the last page of this document. You will be given a copy of both the Participant Information Sheet and the Consent Form to keep.

This document is **3** pages long, including the Consent Form. Please make sure you have read and understood all the pages.

WHAT IS THE PURPOSE OF THE ACTIVITY?

The purpose of the activity is to participate in the first CURE-XF Regional Training in "*Xylella fastidiosa*: diagnosis, control and management measures", which will take place in Lebanon (Beirut and Bekaa Valley) from 1 to 5 July 2019.

The Regional Training objectives are:

- Providing basic scientific knowledge and practical experiences on different aspects underlining the complex pathogen-hosts-vectors interactions;
- Promoting research capacity building in Third Countries;

- Raising awareness on the emerging threats posed by *Xylella fastidiosa*;
- Supporting pest risk assessment.

WHAT WILL MY PARTICIPATION INVOLVE?

The programme will include **lectures and practical sessions** on:
- Biology (host range and symptomatology) and genetics;
- Diagnosis and strain characterization (isolation and culturing, serological and innovative molecular approaches);
- Novel applications to support monitoring programs and surveys;
- Identification of insect vectors and monitoring approaches.

Target audience

Plant Pathologists, Entomologists, Phytosanitary Inspectors and Risk Managers coming from Lebanon and other Arab countries and dealing with plant diseases.

Participants will receive a certificate of attendance at the end of the training

WHAT ARE THE POSSIBLE BENEFITS AND RISKS OF THIS ACTIVITY?

No real risk, side-effects or discomforts may result from your participation in this activity.

WHO PAYS FOR THE ACTIVITY?

Participants will not incur any costs to take part in the training

WHAT IF SOMETHING GOES WRONG?

If you were injured in this activity, which is unlikely, your personal health insurance will cover the expenses.

WHAT ARE MY RIGHTS?

The participation is voluntary, you are free to decline to participate, without experiencing any disadvantage. Participants have the right to access information about them collected as part of the study

All H2020-MSCA-RISE-2016 rules and guidelines will be implemented for the privacy and confidentiality of individuals.

WHO DO I CONTACT FOR MORE INFORMATION OR IF I HAVE CONCERNS?

If you have any questions, concerns or complaints about the activity at any stage, you can contact:

Name Maroun El Moujabber

Position CURE-XF Project Coordinator

Telephone number +390804606341

Email elmoujabber@iamb.it

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INFORMED CONSENT FORM

This form is used in research, training and dissemination activities of the Project: "Capacity Building and Raising Awareness in Europe and in Third Countries to Cope with *Xylella fastidiosa*" **(CURE-XF)** in the framework of H2020-MSCA-RISE-2016.

I, the undersigned, confirm that (please tick box as appropriate):

1.	I have read and understood the information about the research/training project activity, as provided in the Information Sheet no. 1/2019	☐
2.	I have been given the opportunity to ask questions about the project and my participation.	☐
3.	I voluntarily agree to participate in the research/training project activity.	☐
4.	The procedures regarding confidentiality have been clearly explained (e.g. use of names, pseudonyms, anonymization of data, etc.) to me.	☐
5.	If applicable, separate terms of consent for interviews, audio, video or other forms of data collection have been explained and provided to me.	☐
6.	The use of the data in research, publications, sharing and archiving has been explained to me.	☐
7.	I understand that other researchers will have access to this data only if they agree to preserve the confidentiality of the data and if they agree to the terms I have specified in this form.	☐
8.	Select only **one** of the following: • I would like my name used and understand what I have said or written as part of this study will be used in reports, publications and other research outputs so that anything I have contributed to this project can be recognised. • I do not want my name used in this project. I agree to sign and date this informed consent form.	☐ ☐

Statement of Consent to be Photographed [and/or Audiotaped, Videotaped, etc., if applicable]:

☐I understand that photographs (audio/video recordings) may be taken during the study
☐I consent to having my photograph taken (being audio/video recorded)
☐I consent to use of my photograph (audio/video) in presentations related to this study
☐I understand that if photographs (audio/video recordings) are used for presentations of any kind, names or other identifying information will not be associated with them
☐I understand that audio recordings will be destroyed following transcription, and that no identifying information will be included in the transcription

Researcher/Participant:

_____	_____	_____
Name of Researcher/Participant	Signature	Date

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PARTICIPANTS EVALUATION FORM

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1. **Your interest in the topics of the Regional Training**

   very low ☐ low ☐ medium ☐ high ☐ very high ☐

2. **Amount of time devoted to each topic**

   too short ☐ short ☐ adequate ☐ plenty ☐ too much ☐

3. **Quality of lecturing**

   very low ☐ low ☐ medium ☐ high ☐ very high ☐

4. **Applicability of topics to your personal work**

   very low ☐ low ☐ medium ☐ high ☐ very high ☐

5. **Completeness and quality of the training material**

   very low ☐ low ☐ medium ☐ high ☐ very high ☐

6. **Interaction with participants enrolled in the training and with lecturers**

   very low ☐ low ☐ medium ☐ high ☐ very high ☐

7. **Did the Regional Training expose new concepts, methods or technologies that could improve your current work?**

   Yes ☐ No ☐

8. Give a score from 0 to 5 for the following aspects:

- Program of the training ……..
- Lecturers of the training ……..
- Educational method ……..
- Level of the training ……..
- Quality of the organization ……..
- Benefit from the training ……..

9. Indicate topics that you would add to the programme

_____

_____

_____

10. Indicate topics that you would eliminate from the programme

_____

_____

_____

11. Give suggestions for improving the training

_____

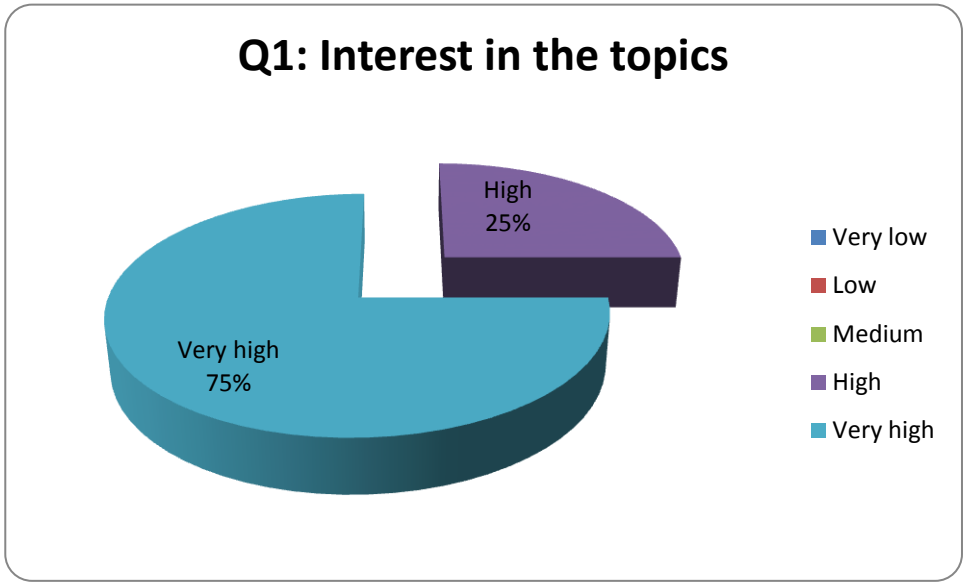
_____

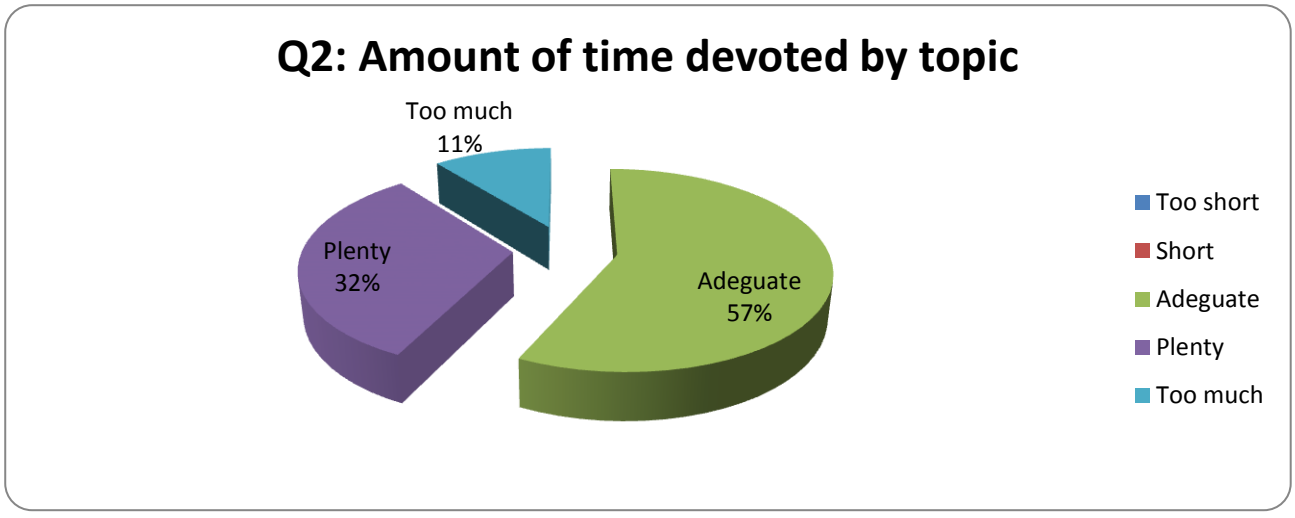
_____

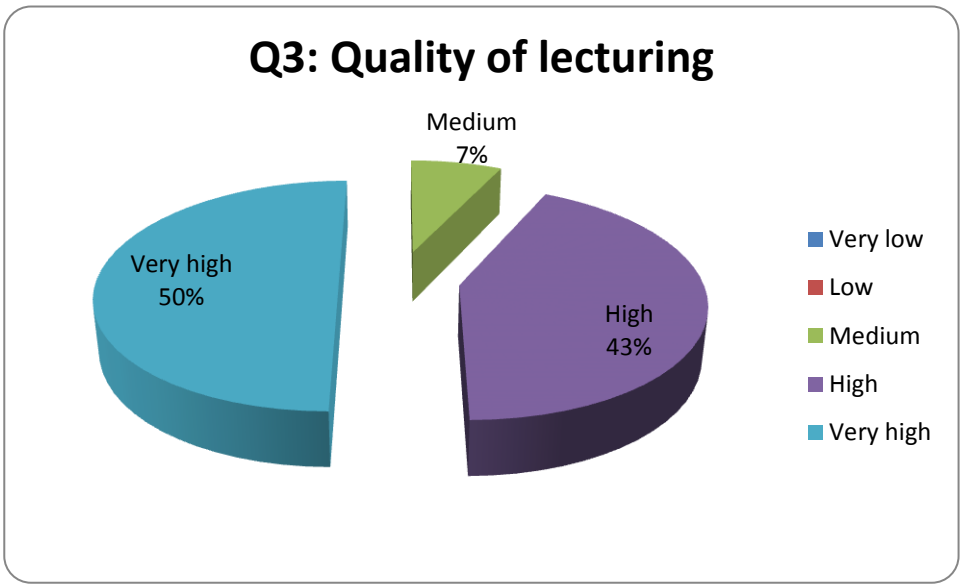
12. Overall, how would you rate this training?

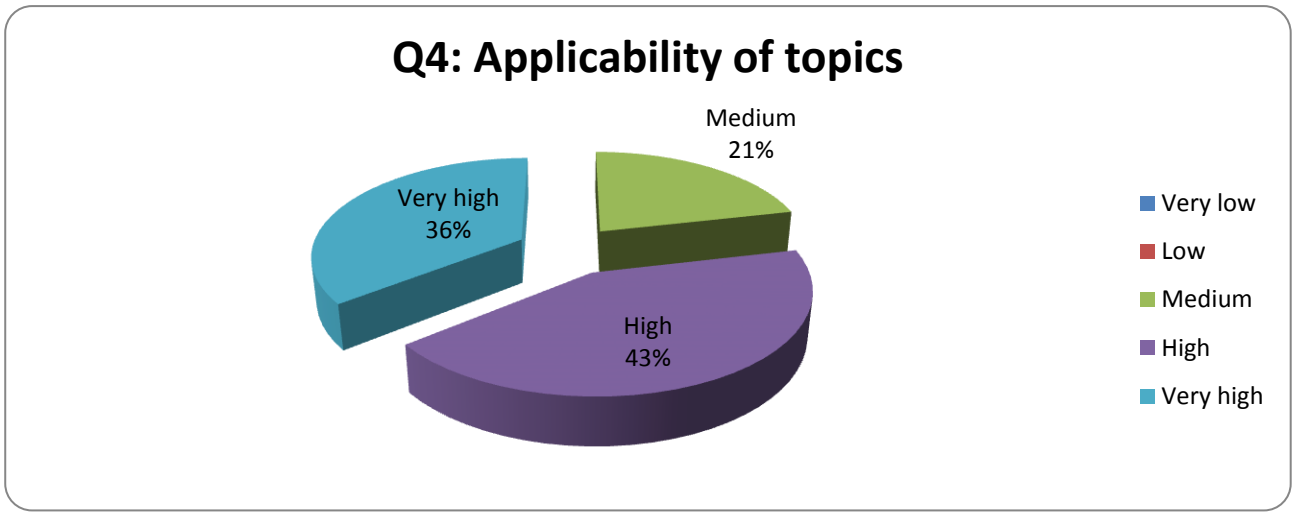
poor ☐ fair ☐ good ☐ very good ☐ excellent ☐

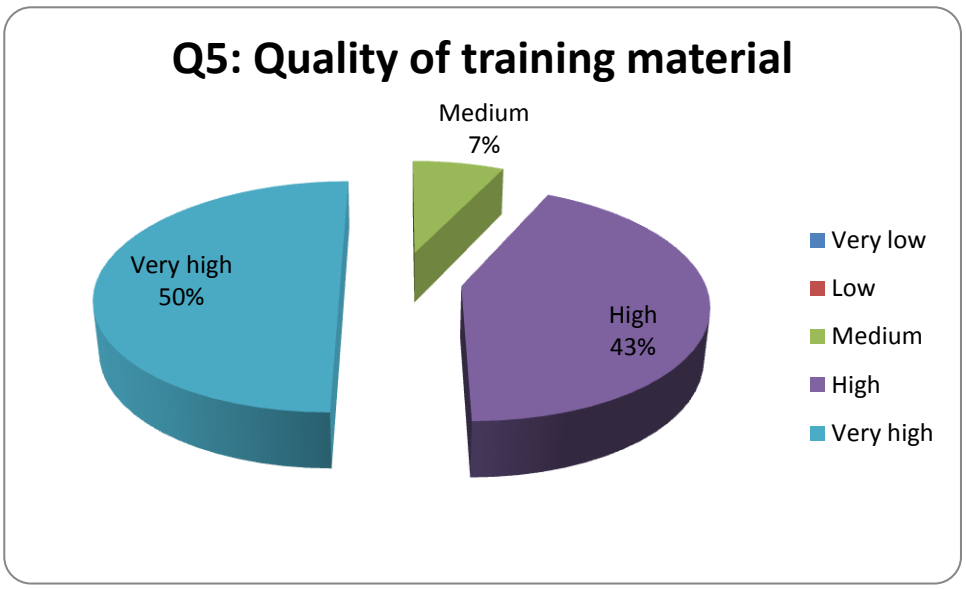
PARTICIPANTS EVALUATION RESULTS

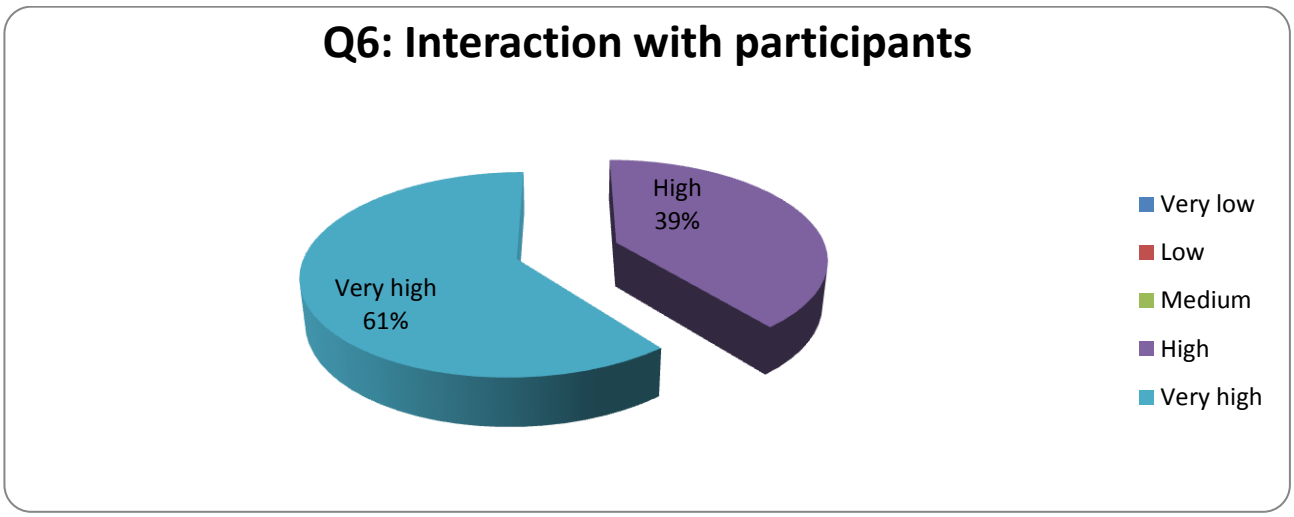


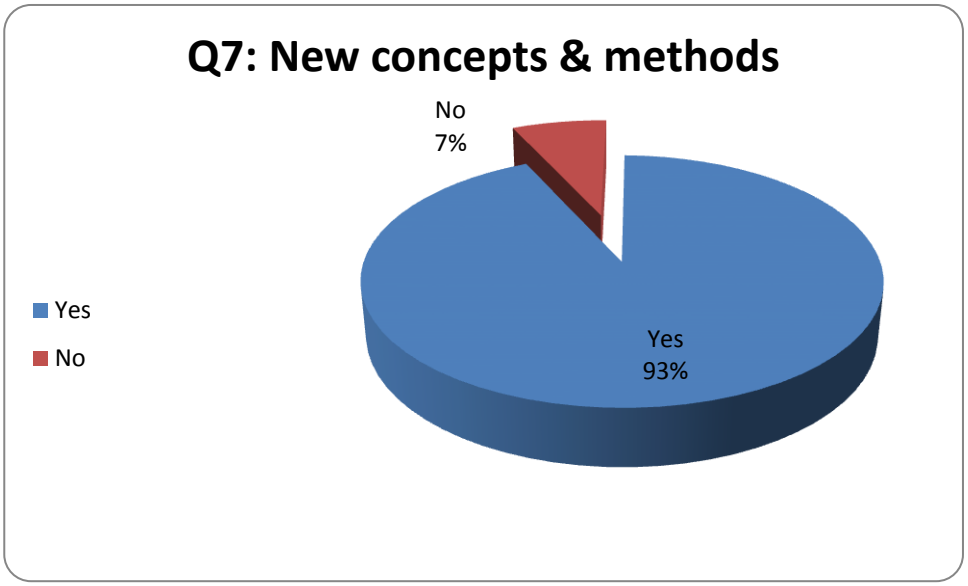


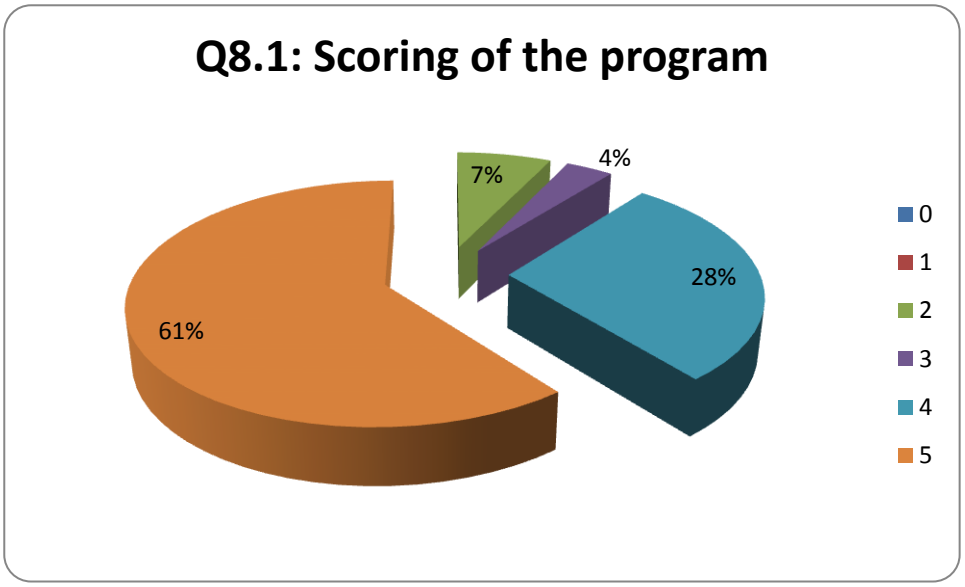

Q3: Quality of lecturing
Medium 7%
Very high 50%
High 43%
Very low
Low
Medium
High
Very high

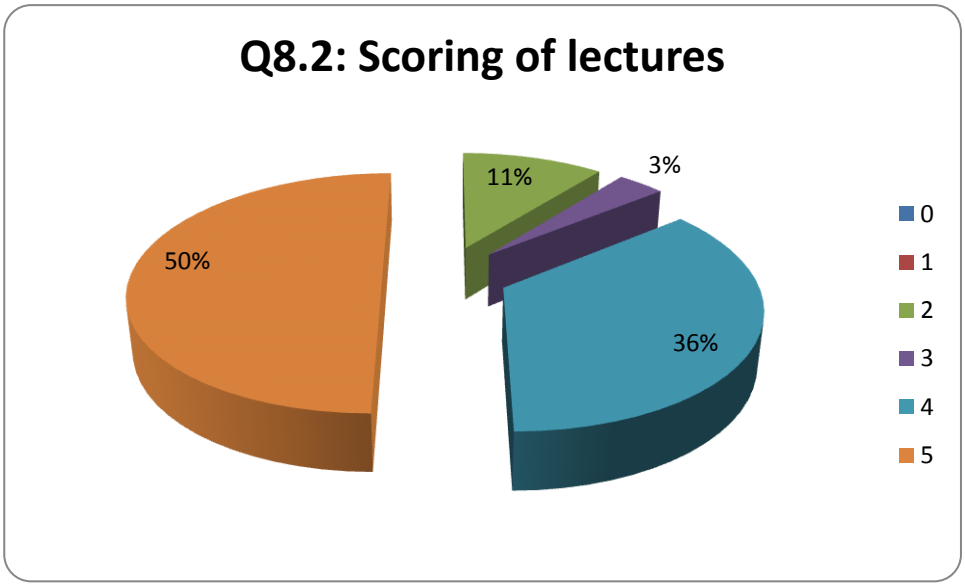

Q4: Applicability of topics
Medium 21%
Very high 36%
High 43%
Very low
Low
Medium
High
Very high

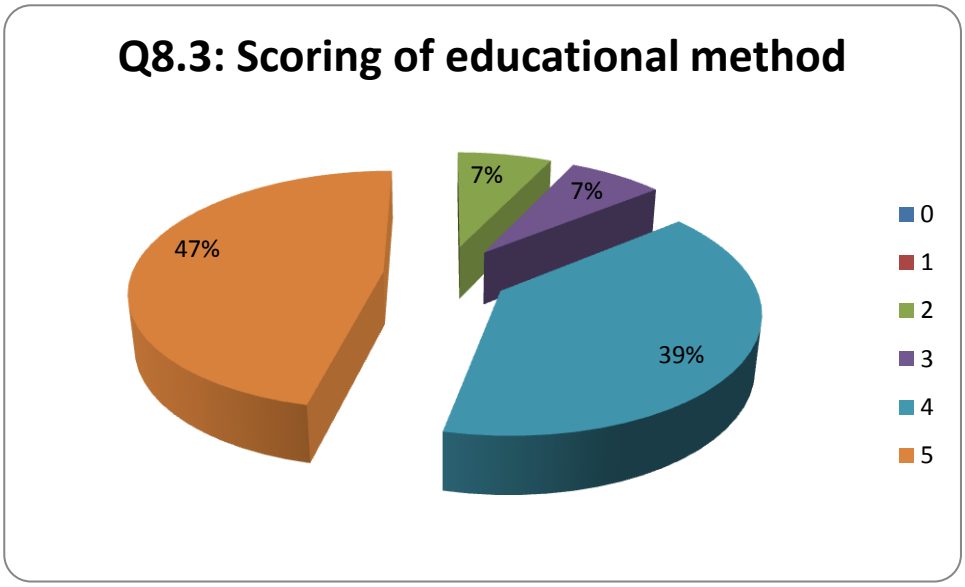

Q5: Quality of training material
Medium 7%
Very high 50%
High 43%
Very low
Low
Medium
High
Very high

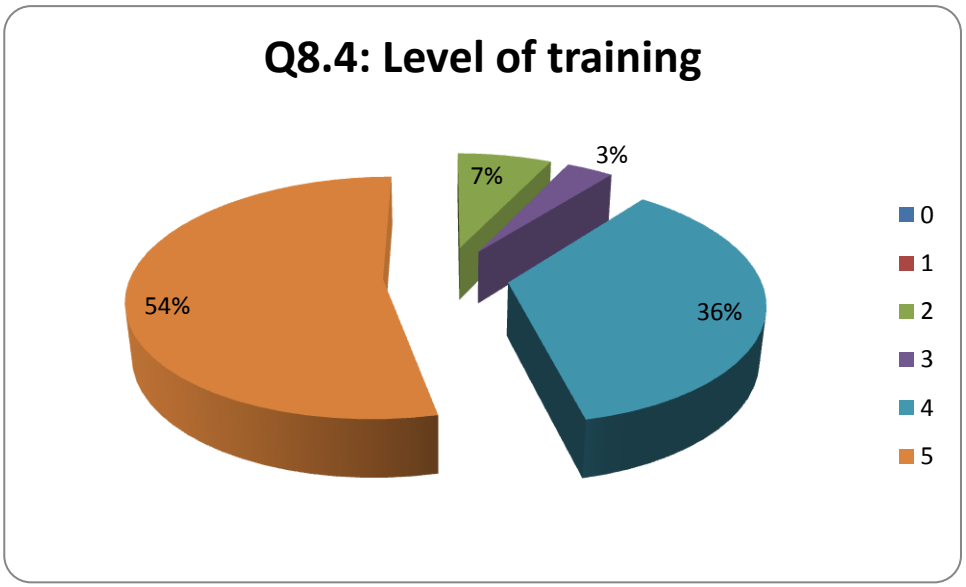

Q6: Interaction with participants
High 39%
Very high 61%
Very low
Low
Medium
High
Very high

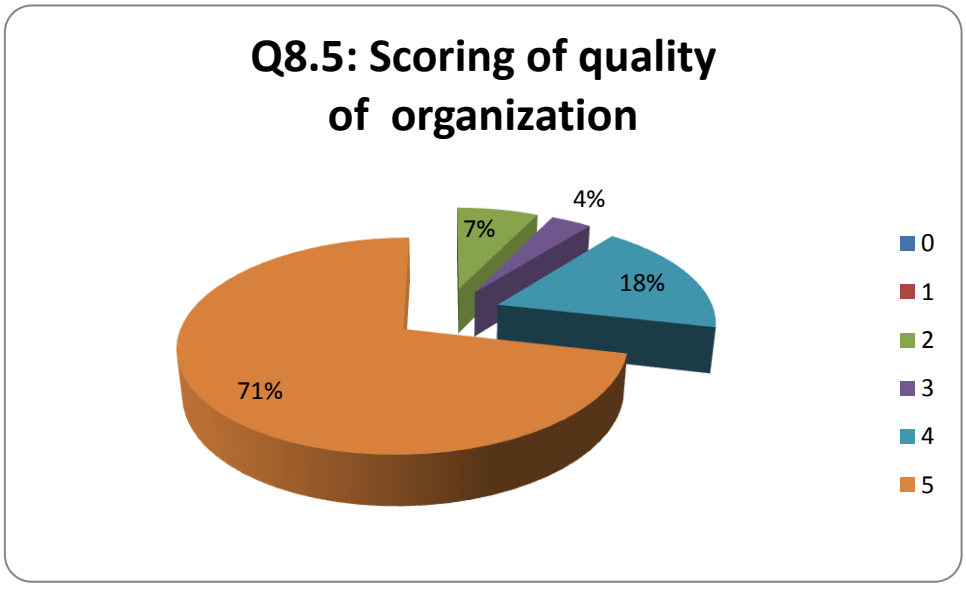

Q7: New concepts & methods
No
7%
Yes
93%
Yes
No

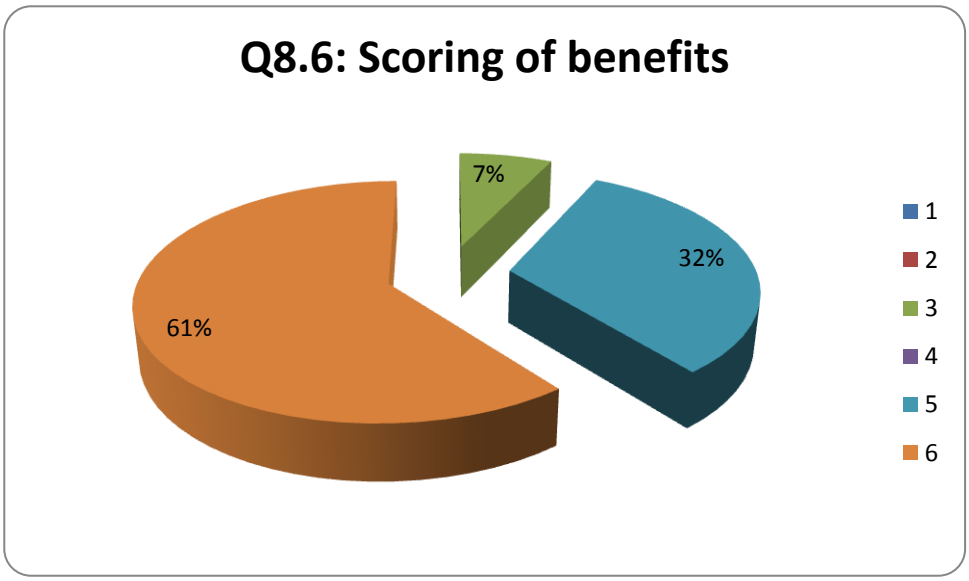

Q8.1: Scoring of the program
7%
4%
28%
61%
0
1
2
3
4
5

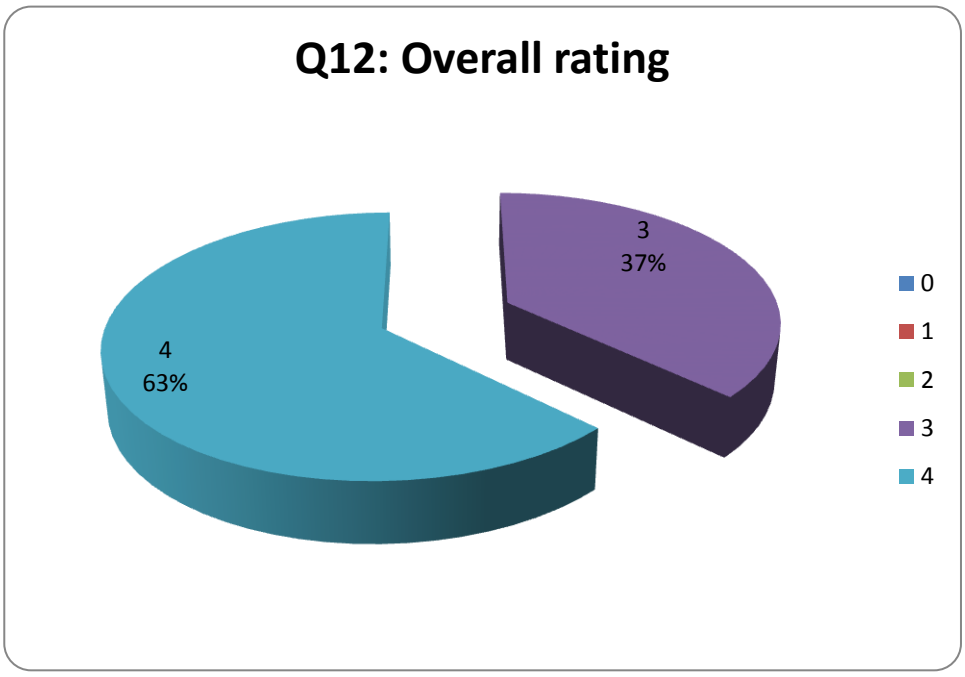

Q8.2: Scoring of lectures
11%
3%
50%
36%
0
1
2
3
4
5


Q8.3: Scoring of educational method
7%
7%
47%
39%
0
1
2
3
4
5


Q8.4: Level of training
3%
7%
54%
36%
0
1
2
3
4
5


Q8.5: Scoring of quality of organization
4%
7%
18%
71%
0
1
2
3
4
5


Q8.6: Scoring of benefits
7%
32%
61%
1
2
3
4
5
6


Q12: Overall rating
3
37%
4
63%
0
1
2
3
4

MEDIA

VIDEOS

http://nna-leb.gov.lb/ar/show-news/419195/?fbclid=IwAR2LC32qpfVaA3QlKvPwmMW6Ysdy0_r2zTXZMyi3WfFjSVjhhBBgYudq_5M

https://nbntv.me/?p=113684

https://youtu.be/XpSSSYKgDus
(with many special thanks to Dr Achbani, INRA Maroc, for his always very fruitful collaboration)

WEBSITE

For more info, videos and pictures please consult our official website:

http://www.cure-xf.eu