Session 4: Teacher's Training

Training Evaluation and Assessment

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In this last part of Session 4, we will discuss about the evaluation and assessment of

a) the extended learning and training seminar and

b) the conclusive fast-track training seminar.

This presentation consists of three parts:

- training evaluation **methodology**
- **evaluation results** and
- **conclusions** reached

1. Training Evaluation Methodology

Evaluation took place:

- at the end of each training event
- by means of online questionnaires
- feedback on several aspects: **purpose**, **structure, content, usefulness and easiness**.

1.1. Questionnaire's Development Methodology

- Questionnaire for Professional Training Evaluation **(Q4TE tool)** (Grohmann & Kauffeld, 2013)
- The original Q4TE questionnaire consists of 12 items, rated on an eleven- point Likert type scale ranging from zero (strongly disagree) to ten (strongly agree).
- Adapted to the needs of the project.

1. Training Evaluation Methodology

- **Advantage: time efficiency – good applicability** to different professional training contexts

- The Q4TE tool consists of a six inter-correlated factors model
- Three factors measure **the <u>short-term</u> outcomes:**

    satisfaction,   perceived utility,   and   knowledge.

- The rest three factors measure **the <u>long-term</u> outcomes:**

    application to practice, individual organizational results and global organizational results (Fregonese et al., 2018).

1. Training Evaluation Methodology

1.2. Platform for the Evaluation Questionnaire and Invitation of Participants

• **"EUSurvey"** (https://ec.europa.eu/eusurvey)
(**reliability, anonymity and data protection**).

• **"EUSurvey"** is an **online tool** to:

-create, publish and manage questionnaires and other interactive forms

-analyze basic results and

-present data in histograms and chart views

2.Evaluation Results

1. Extended Learning and Training Seminar (50-hour full training seminar)

92 of the participating teachers have answered the evaluation questionnaire **(20 questions in total)**

1.1. General Information about the Training Course (10 questions 8 rated on a 5-point Likert type scale ranging from 1 [not at all] to 5 [very large extent]):

Q.1. What is your <u>professional experience</u>?

What is your professional experience?

less than 5 years · 5 to 10 years
4 (4%)
7 (8%)
92
81 (88%) · More than 10 years

2.Evaluation Results

Q.2. In which type of <u>educational level are you going to implement</u> the Tzimanious augmented reality educational game?

The Tzimanious augmented reality educational game will be implemented to all educational levels at almost the same extent.

Q.3. How <u>clear</u> were the <u>objectives</u> of the training seminar?

- Majority (61): clear enough.
- Only two: not clear.

Q.4. Was the <u>content</u> of the training seminar <u>appropriate</u> to achieve its objectives?

- Majority (60): covered its initial objectives.
- Only four: covered the objectives at a small extent.

Q.5. Did the <u>individual modules complement each other</u>?

- 58 participants: yes.
- 1 participant: no.

2.Evaluation Results

Q.6. How appropriate was the <u>duration</u> of the training seminar?

- 52: appropriate or satisfactory enough

- Only two: not appropriate.

Q.7. Was the <u>e-infrastructure (platform)</u> used for the <u>synchronous</u> tele-education satisfactory?

- 57: satisfactory.

- Only two: not satisfactory at all.

Q.8. Was the <u>e-infrastructure (platform) used for the asynchronous tele-education</u> satisfactory?

- 63: fully satisfactory.

- Only two: not satisfactory at all.

2. Evaluation Results

Q.9. To what extent were the <u>trainers able to pass on knowledge</u>?

- 49: satisfied.
- 30: satisfied enough.
- Only two: trainers did not pass the knowledge.

Q.10. How <u>enlightening</u> were the <u>means used by the trainers, i.e. slides, examples?</u>

- 54: fully satisfied.
- 22: satisfied enough
- Only two: not satisfied at all.

1.2   Usefulness from a Learning Perspective of Specific Resources used During the Training Course (1 question rated on a 5-point Likert type scale ranging from 1 [not at all] to 5 [very large extent])

Q.11.   How learningly <u>useful</u> were the following <u>resources</u> used?

- **Videos:** 55 a satisfactory resource, only one did not find it satisfactory,
- **Supplementary study material:** 59 a satisfactory resource, nobody found it would be not useful at all,

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2. Evaluation Results

- **Reflection questions in the forum:** 41 fully satisfactory, the rest of them useful enough or not useful,

- **Quizzes:** 53 very useful, only three were not satisfied,

- **Final assessment quiz:** 59 were satisfied, only three did not find it useful.

Overall, the majority of the participants was satisfied with all the material resources used as part of the training seminar.

1.3   Opinions about the Training Course (4 questions rated on a 5-point Likert type scale ranging from 1 [not at all] to 5 [very large extent])

Q.12. How <u>useful</u> are the <u>new knowledge and skills</u> gained from the participation in the seminar?

- **The answer to this question reflects the overall level of satisfaction regarding the new knowledge and skills gained during the seminar.**

- 60: overall the new knowledge and skills gained from the participation in the seminar was useful.

- **Nobody stated that he/she found it not useful at all.**

2. Evaluation Results

Q.13. To what extent do you think the <u>Tzimanius augmented reality educational game</u> will be <u>able to facilitate the process of learning</u> about the subject of personal data protection?

- 43: very useful.

- 29: useful enough.

- Only 4: not useful at all.

- **Q.14 To what extent do you think you <u>have acquired the knowledge and skills to help your students</u> understand privacy issues?**

- 50: knowledge and skills will help their students.

- 29: helpful enough.

- 14: not useful.

2. Evaluation Results

Q.15. To what extent would you <u>recommend</u> someone you know <u>to participate</u> in a next cycle of the training course?
- Overall high level of satisfaction
- **60: would recommend**
- **Only two: would not recommend at all.**

1.4. Specific Aspects of the Training Course (5 questions)

Q.16<u>. Comment</u> on the purpose and goals of the training seminar (Q rated on a 10-point Likert type scale with values ranging from "unsuitable" and "excessive up to excellent" to "responded to the benefits being offered")
- 82: satisfied
- 10: unsuitable or excessive enough.

Q.17. <u>Content</u> (Q rated on a 10-point Likert type scale with values ranging from "bad" and "excessive up to excellent" to "very suitable")
- 86: very suitable or even up to excellent.
- 6: not good or excessive.

2. Evaluation Results

Q.18 <u>Duration</u> (Q rated on a 10-point Likert type scale with values ranging from "excessive up to very appropriate" to "responded to the benefits being offered")
- 85: satisfactory enough, suitable and responded to the benefits being offered.
- 7: excessive.

Q.19. Organization (Q rated on a 10-point Likert type scale with values ranging from "very bad to excellent" to "very appropriate")

- 82: overall very appropriate or even up to excellent

- 9: not very good.

Q.20. Make any suggestions you may have for the immediate improvement of the quality and/or effectiveness of the training seminar (free text answer)

- No answers were provided to this question.

2. Evaluation Results

2. Conclusive Fast-track Training Webinar (four-hour distant learning teachers' training seminar)

34 of the participating teachers have answered the evaluation questionnaire (14 questions in total)

A. General Information about the Training Course

Q1: Professional Experience?
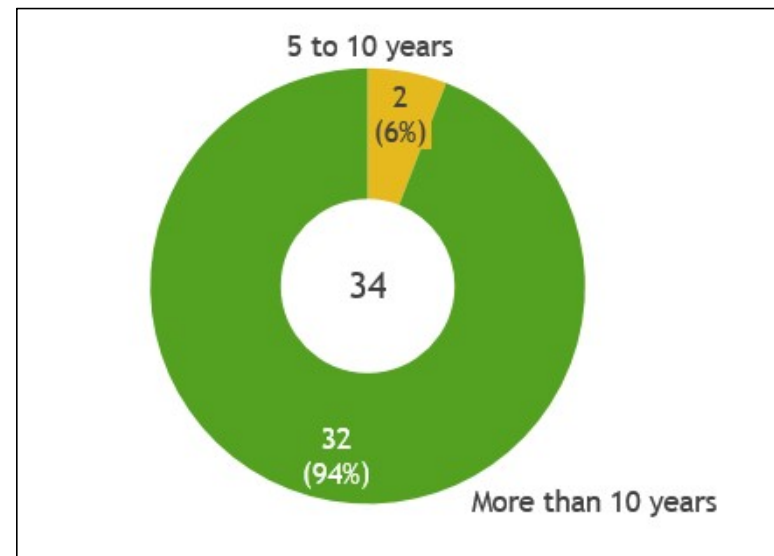
2. Evaluation Results

Q2: Implementation of the Tzimanious game?
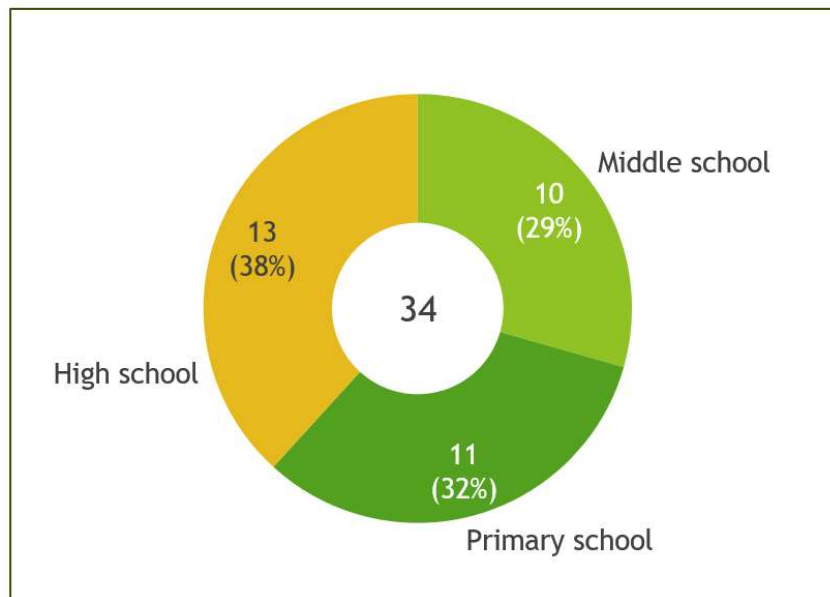
2. Evaluation Results

2. Conclusive Fast-track Training Webinar

Q3: How clear were the objectives of the training seminar?

- The vast majority (32): **very clear.**

Q4: Was the content of the training seminar appropriate to achieve its objectives?

- The vast majority (33): **covered its initial objectives**.

- Nobody stated that the seminar did not cover its objectives at all.

Q5: Did the individual modules complement each other?

- The vast majority (32): yes

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2. Evaluation Results

Q6: How appropriate was the duration of the training seminar?
- Most of the participants (31): appropriate or very satisfactory.

Q7: Was the e-infrastructure (platform) used for the tele-education satisfactory?
- The majority of the participants (33): very satisfactory.

Q8: To what extent were the trainers able to pass on knowledge?
- The vast majority (27): fully satisfied
- 7: very satisfied.
- Nobody stated that the trainers could not pass the knowledge to the participants at all.
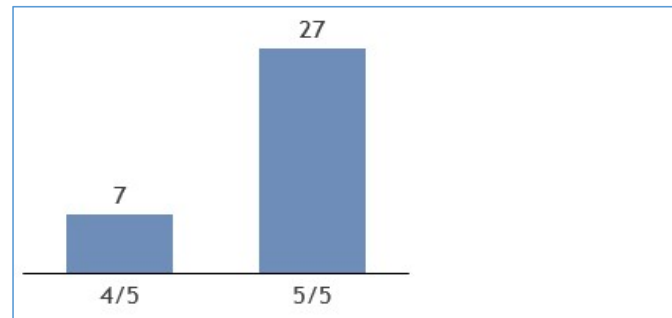
2. Evaluation Results

Q9: How enlightening were the means used by the trainers i.e. slides, examples?

- 24: fully satisfied

- Only ten: very satisfied

B. Opinions about the Training Course

Q10: How useful are the new knowledge and skills gained from the participation in the seminar?

- A high percentage (33): was useful.

Q11: To what extent do you think the Tzimanius augmented reality educational game will be able to facilitate the process of learning about the subject of personal data protection?

- The vast majority (33): very useful or useful enough.

2. Evaluation Results

Q12: To what extent do you think you have acquired the knowledge and skills to help your students understand privacy issues?

- The vast majority (30): will help.

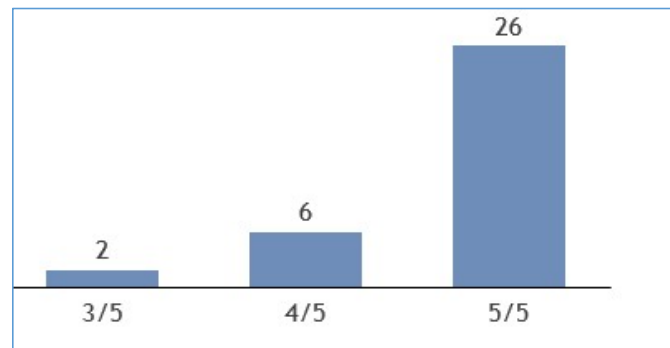- The rest of them (4): would be helpful enough.

2. Evaluation Results

Q13: To what extent would you recommend someone you know to participate in a next cycle of the training course?

- The vast majority (32): would recommend the seminar to others.

- Only two: may recommend the training seminar to others.

Q14: Make any suggestions you may have for the immediate improvement of the quality and/or effectiveness of the training seminar

There were no answers/suggestions for the immediate improvement of the quality and/or effectiveness of the training.

3.Conclusions

Positive assessment on the following:

- Appropriate Preparation of Training Events
- Adequate and Useful Educational and Instructional Material
- Suitable Platform & Learning Methods
- Satisfactory Design & Delivery of the educational programs

The above led to high level of:

- **Engagement**
- **Comprehension**
- **Satisfaction**

reported by participating teachers

- And overall to **a high level of effectiveness** of the training events **into promoting teachers' understanding and knowledge.**

byDefault

Thank you for your attention

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