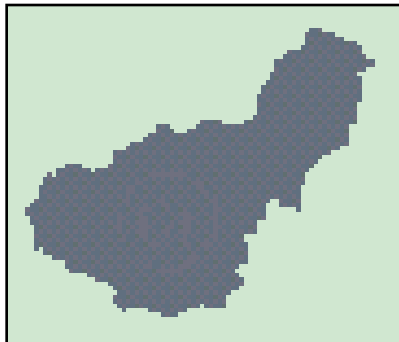




Agencia Provincial de la
Energía de Granada.

Granada Provincial Energy Agency



Agencia Provincial de la Energía de Granada
Gonzalo Esteban, Technician
2nd-3rd December 2019





Presentacion Pilotos

PILOT TESTING: RESULTADOS:

APEGR

- 7-10-2019 IES Ruíz del Peral, Guadix (Granada, Spain)
- 8-10-2019 CEIP La Sagra, Huéscar (Granada, Spain)
- 14-10-2019 CEIP San Andrés, Montejícar (Granada, Spain)
- 21-10-2019 IES Genil, Granada (Granada, Spain)

Profesores: 45

Estudiantes: 100

CEIP: 10-14 and 15-19 Ages

IES: 6-9 and 10-14 Ages





Presentacion Pilotos

PILOT TESTING: RESULTADOS:

APEGR- 7/10/2019 - IES Ruíz del Peral, Guadix (Granada, Spain)

Profesores: 14

Estudiantes: 0 until now (problems to be able to apply it so fast at the beginning of the season)

Ámbito: RURAL

Edades: 10-14 y 15-19 (IES)





Presentacion Pilotos

PILOT TESTING: RESULTADOS:

APEGR- 8/10/2019 - CEIP La Sagra, Huéscar (Granada, Spain)

Profesores: 5

Estudiantes: 0 until now (problems to be able to apply it so fast at the beginning of the season)

Ámbito: RURAL

Edades: 6-9 and 10-14 (CEIP)





Presentacion Pilotos

PILOT TESTING: RESULTADOS:

APEGR- 14/10/2019 – CEIP San Andrés, Montejícar (Granada, Spain)

Profesores: 16

Estudiantes: 100

Ámbito: RURAL

Edades: 6-9 and 10-14 (CEIP)





Presentacion Pilotos

PILOT TESTING: RESULTADOS:

APEGR- 21/10/2019 - IES Genil, Granada (Granada, Spain)

Profesores: 10

Estudiantes: 0 until now (problems to be able to apply it so fast at the beginning of the season)

Ámbito: URBAN

Edades: 10-14 and 15-19 (IES)





Presentacion Pilotos

PILOT TESTING: RESULTADOS:

APEGR - STUDENTS

CEIP San Andrés, Montejícar (Granada, Spain)

This school has replicated the experience and used the educational material with 100 students in 6 classes:

- 15/10/2019 – 16 Students – MODULE 1
- 17/10/2019 – 15 Students – MODULE 1
- 21/10/2019 – 19 Students – MODULE 2
- 21/10/2019 – 18 Students – MODULE 3
- 30/10/2019 – 14 Students – MODULE 4
- 31/10/2019 – 18 Students – MODULE 4





IO3 Presentation

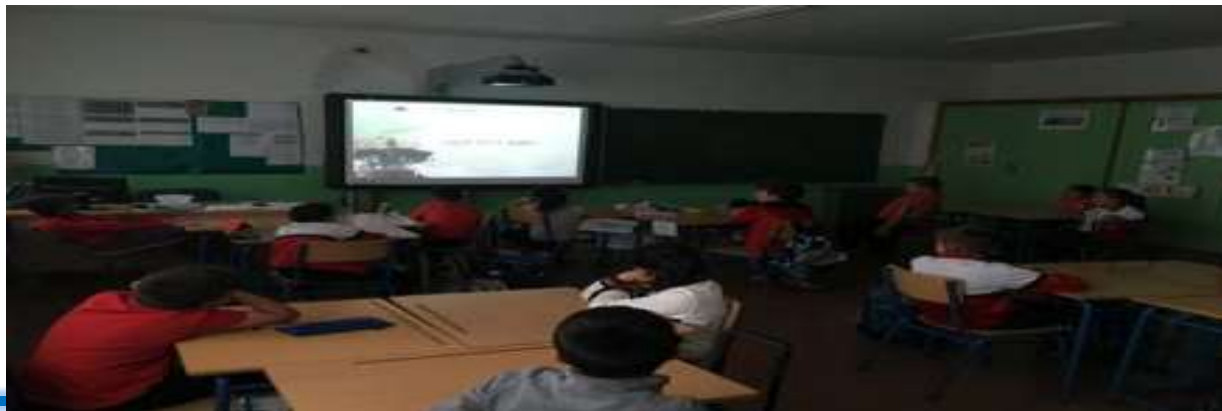
PILOT TESTING: RESULTS:

APEGR – STUDENTS

In this rural school they have worked already with all 4 modules of the project, having achieved quite good results with all modules in different classrooms.

Análisis tablas resultados

According to the teachers of the school and the director of the school, literally **«the experience has been quite positive generally speaking, but to improve the application in the future, more time should be given to schools to be able to pilot the activities»**.

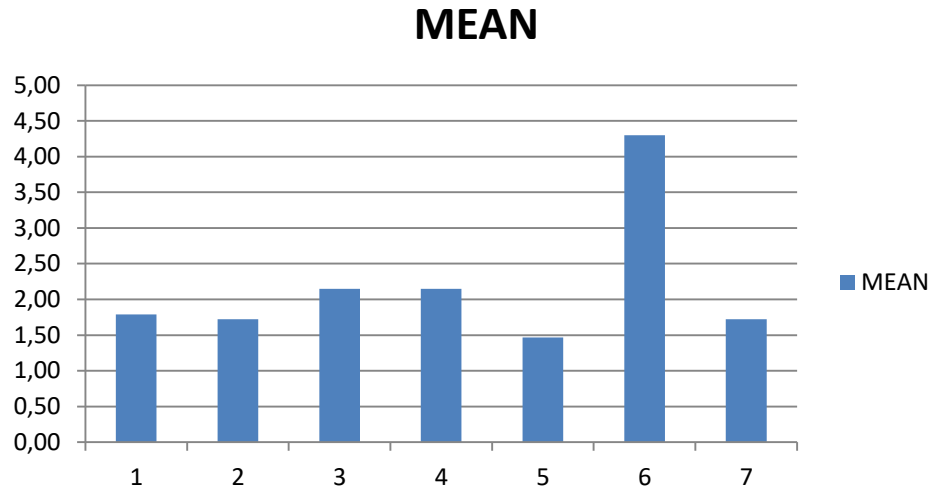




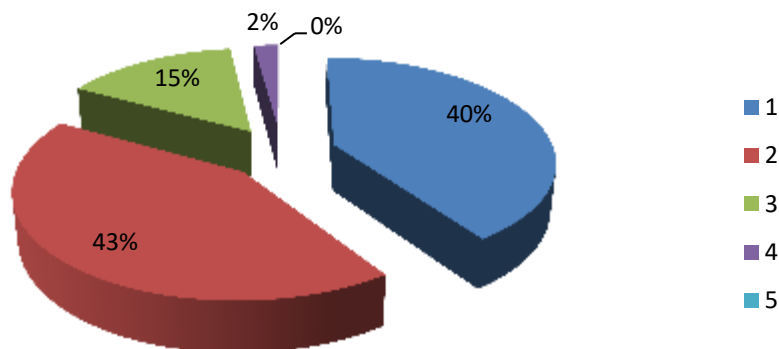
IO3 Presentation

PILOT TESTING: RESULTS:

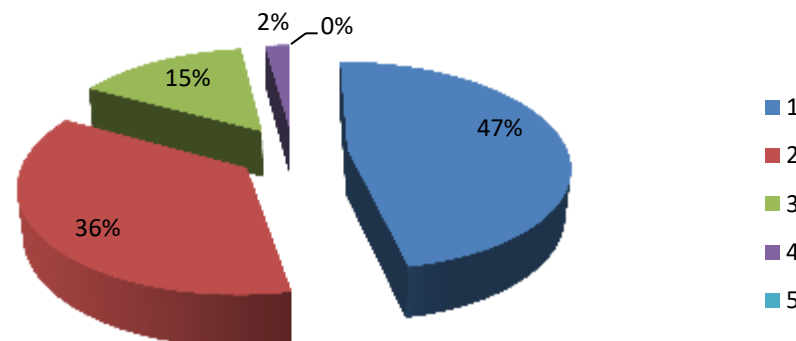
1.-Previous survey template for teachers



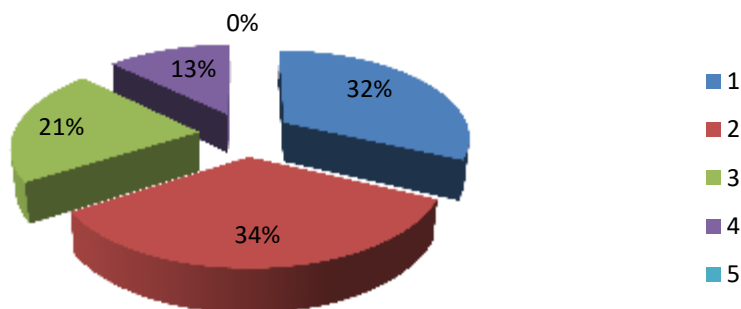
1. Previous trainings concerning the effects of air pollution



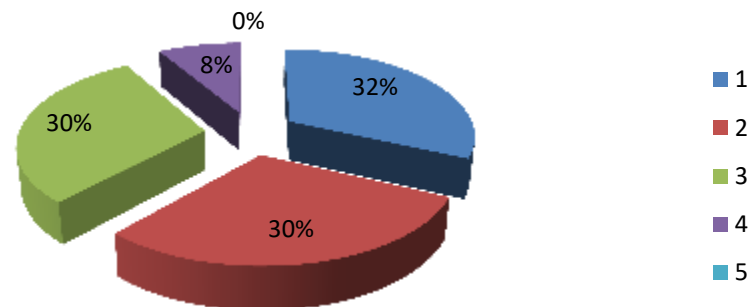
2. Previous trainings in the requirements of green jobs



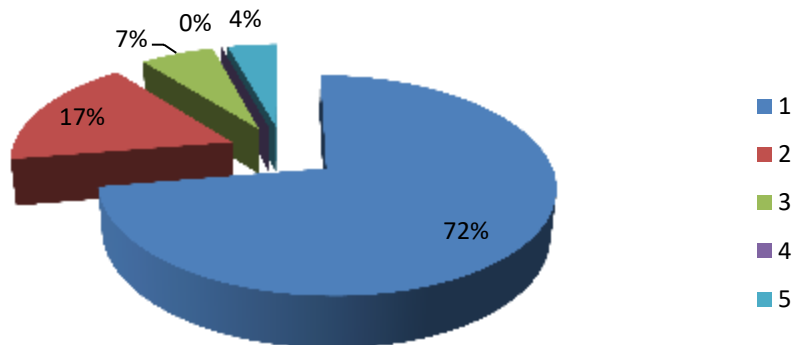
3. Responsibilities in developing some strategies for improvement of air quality



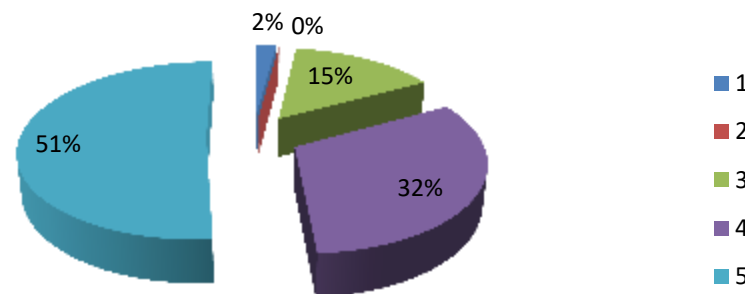
4. Responsibilities in implementing online and offline strategy in the field of air condition and its health effects



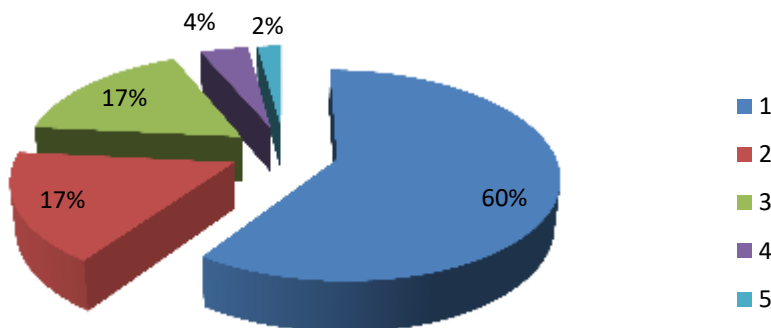
5. Experience in European work / European projects



6. Interest in delivering the training content to other relevant learners

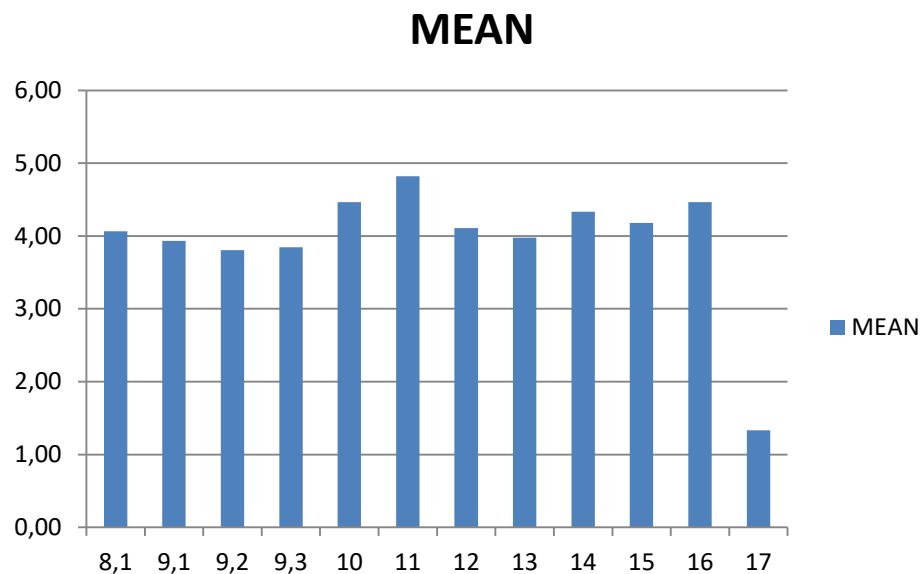


7. Experience in working on e-learning platforms

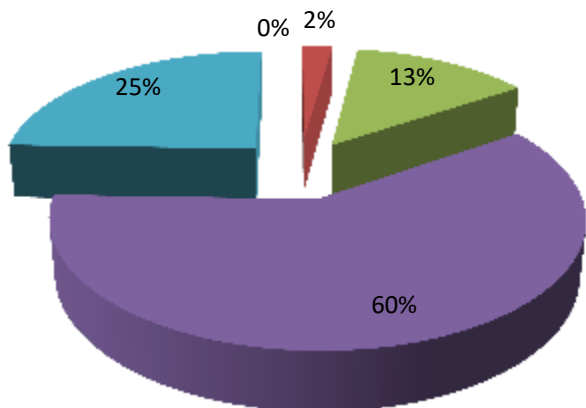




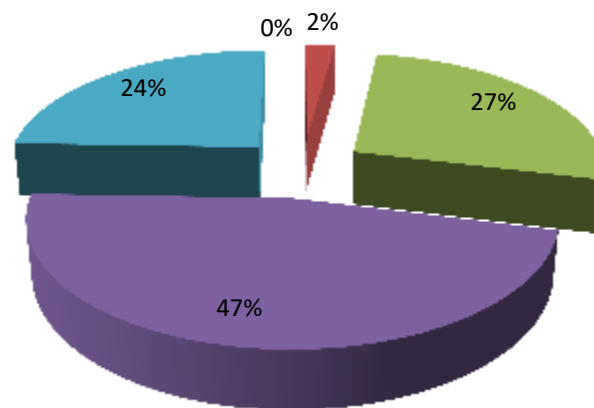
2.-Survey for teachers to evaluate the material



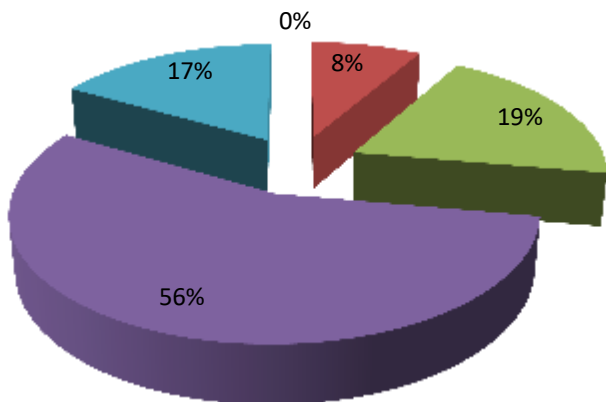
8.1 Overall Satisfaction



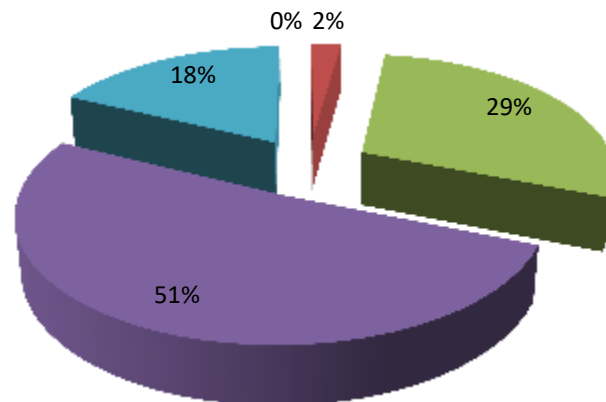
9.1 Training modules



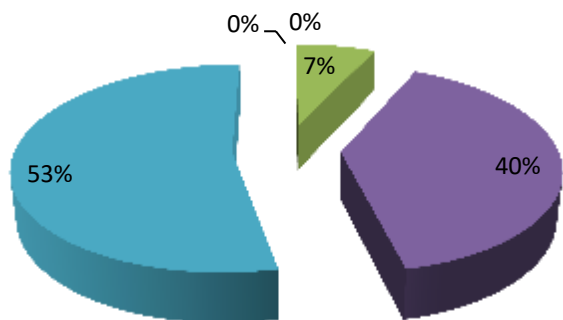
9.2 Ease of registration on the platform



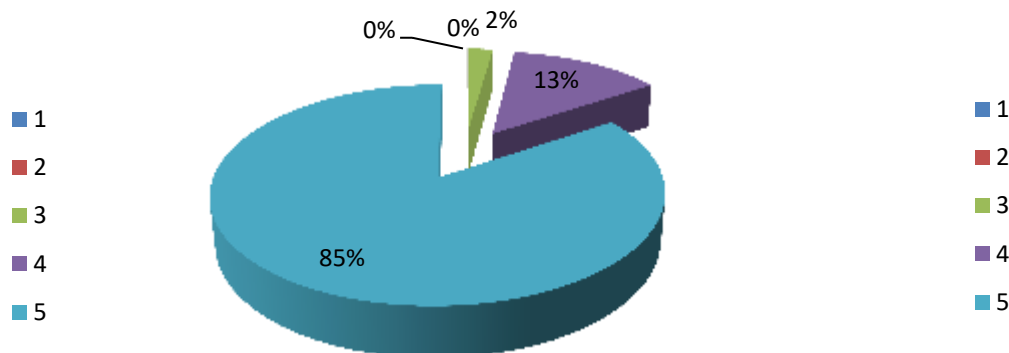
9.3 Quality of modules



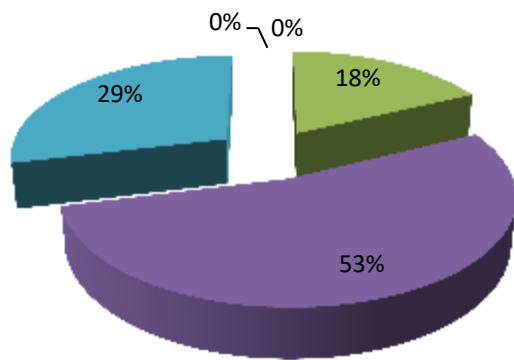
10 Do you consider the training relevant?



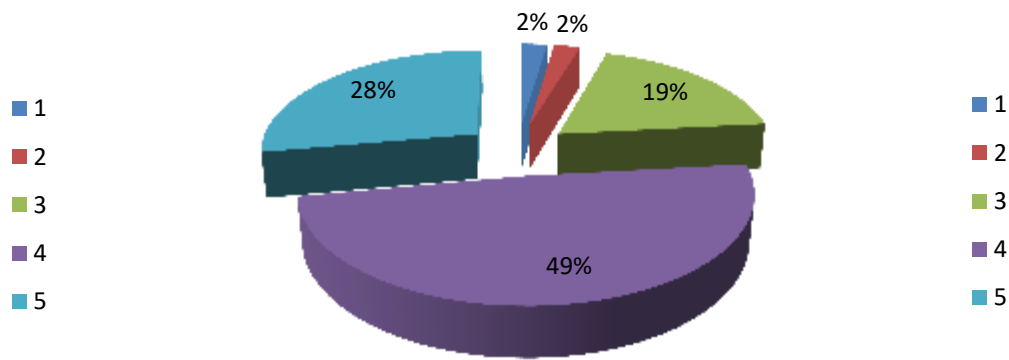
11 Do you think that air pollution is something that have to be teach?



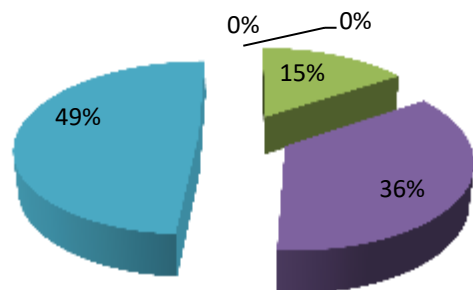
12 Perceived practicability and potential for applying the learning.



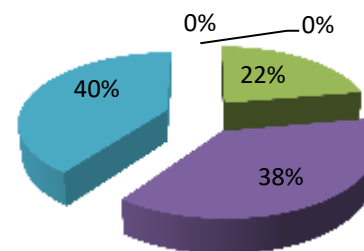
13 Do you the put the learning into effect when back on the job?



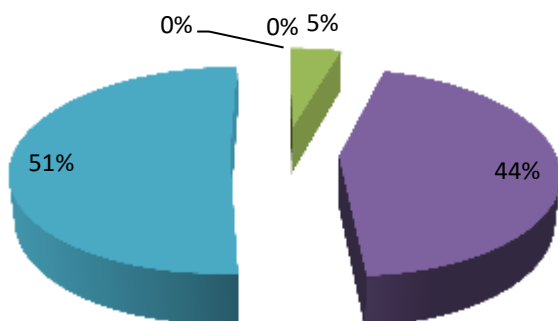
14 Do you think that after training your behavior will change with respect to air pollution?



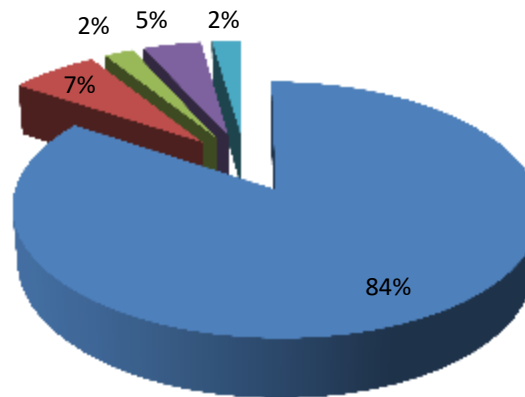
15 The presented outputs have provided information in a logical, structured, dynamic and interesting way.



16 Would you recommend this training to others colleagues?

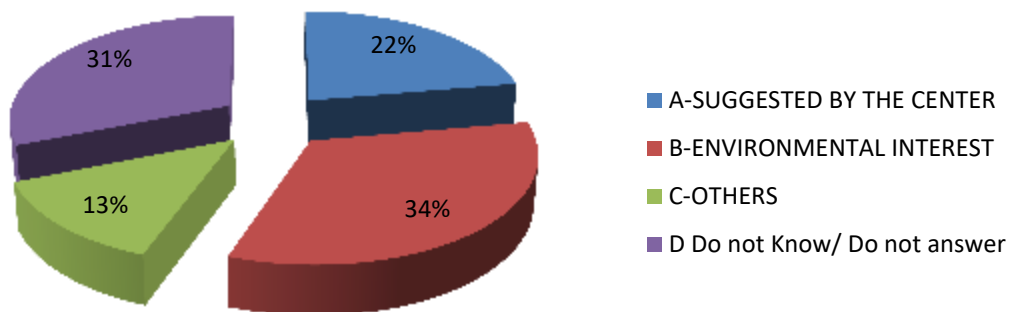


17 Did you attend this training before?



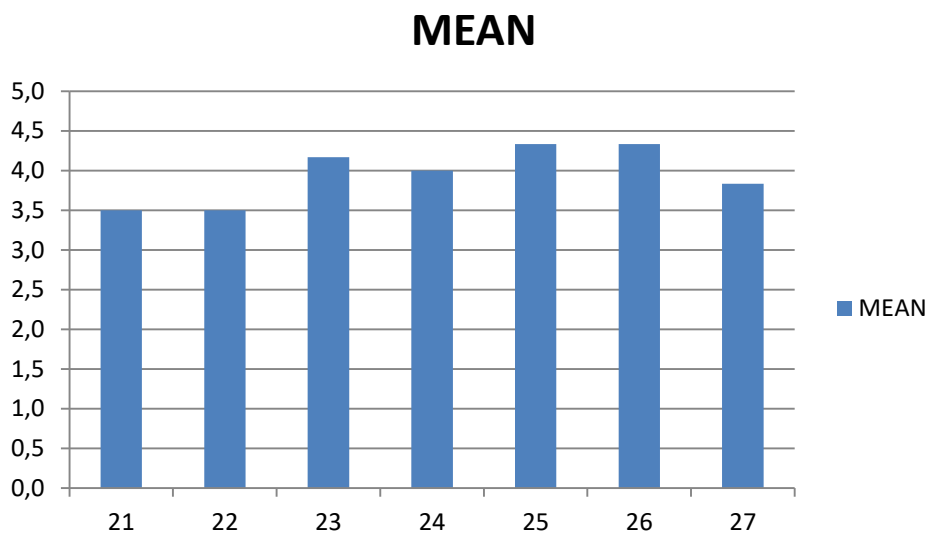


18 For what reason did you attend this training?

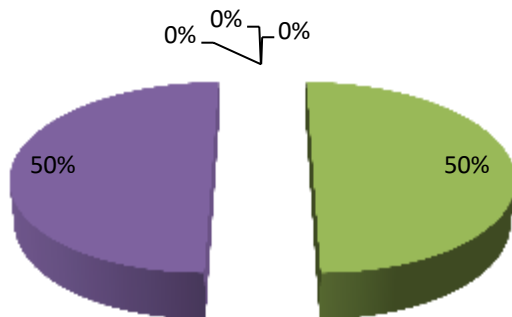




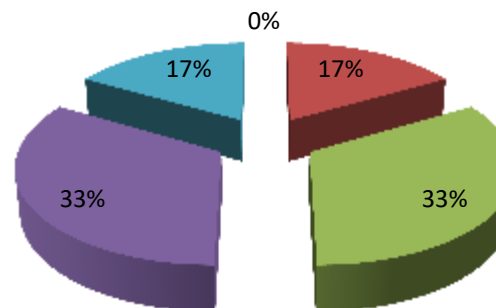
3.-Survey to be filled out by the teacher after
the student training



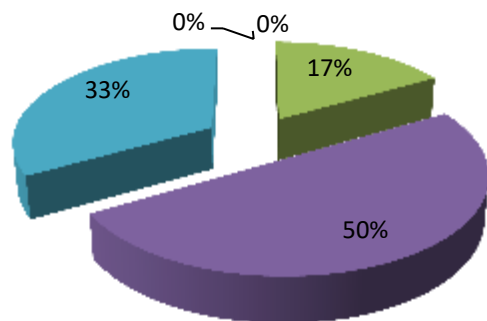
21. The syllabus is accessible to the level of the students



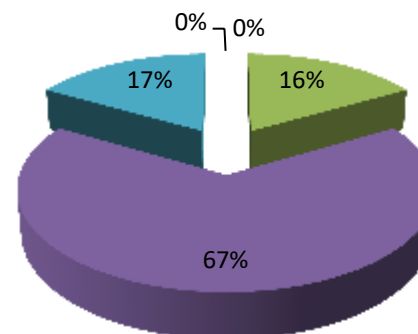
22. The level is appropriate to the difficulty



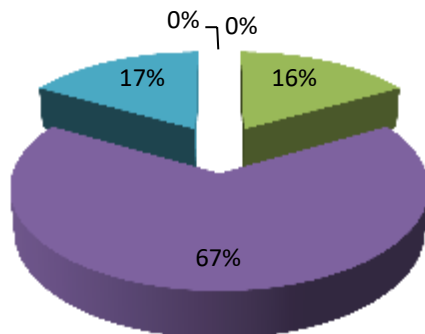
23. Has the student's interest in the subject increased as a result of this course?



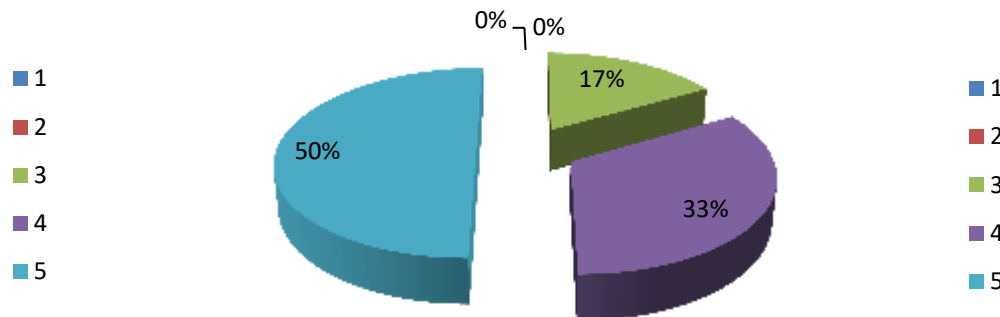
24. Has this course motivated students to expand their knowledge?



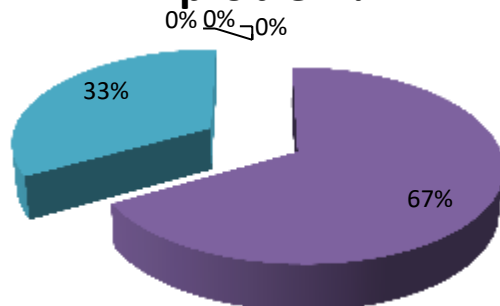
24. Has this course motivated students to expand their knowledge?



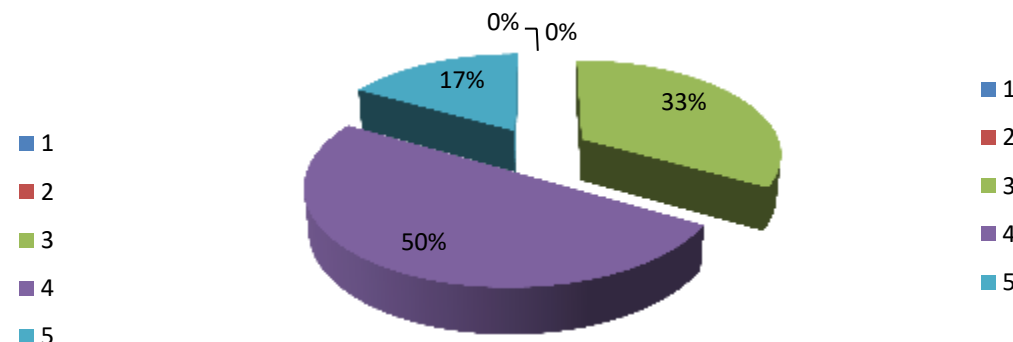
25. Level of satisfaction achieved by students in the course



26. Do you think that students have been raised awareness about this problem?



27. Do you think the objectives of the course have been met?





IO3 Presentation

PILOT TESTING: RESULTS:

- All groups of age tested, tested as well in urban and rural areas.
- Minimum results of the project achieved by all partners.
- Generally speaking good acceptance and quality of the educational materials
- Most of the participants consider the topic quite substantial, and the feasibility to include this kind of educational material quite high

In CONCLUSION, the teachers think that the program is much needed and it should be present in every school. They suggest organizing also additional meetings/workshops about the topic dedicated for parents.



IO3 Presentation

PILOT TESTING: RESULTS:

Speaking about IO3 deployment, most of the teachers ask for **more time to be able to plan the implementation of materials in their classrooms**, and thus ask for extended periods of application in future projects.

Apart from all other comments on negative comment that is specially very positive on the achievement of the results of the project is the following one:

“One teacher stated that she had also feedback from the families but rather negative – they were angry about what were kids saying about the solid fuels and combustion (because they use solid fuels at home, and they are probably burning them in a wrong way)”