

ANTibioticS and mobile resistance elements in WastEwater Reuse
applications: risks and innovative solutions

H2020-MSCA-ITN-2015/675530 - ANSWER



**Outreach Activity 6:
"Visit to a lyceum"**

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International Water Research Center



University
of Cyprus



"This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 675530"

Description

- Date of the event: 23/02/2017
- Place where the event took place: Aradhippou High School "Tasos Mitsopoulos", Larnaca, Cyprus
- Audience Details (number of participants, age, sex, etc.): The audience was consisted of approximately 90 students, both male and female, between 16 and 17 years old (2nd Grade). Their teachers attended the presentation/talk as well.
- Description of the topic of your presentation:
A PowerPoint presentation entitled "The presence of antibiotics in the environment and the development of antibiotic resistance" about general information on the use of antibiotics, their occurrence in the environment, the development and spread of antibiotic resistance, the objectives of the ANSWER project and the outline of the projects of ESR11 and ESR14 was given, followed by extensive discussion with the students and their teachers.

Announcement of the event

- Add details, i.e. the dissemination procedure that was followed for the announcement of this event to the general public, links where the announcement was uploaded and print screens, etc.
- Attached the announcement of this event.

During the Cyprus Researchers' Night 2016 (*see Outreach activity 2*), Dr. Yianna Symeonidou, a teacher from Aradhippou High School visited the stand of Nireas-IWRC and expressed her interest in the researchers' scientific activities. Then, she contacted Dr. Despo Fatta-Kassinou, Coordinator of the ANSWER project and Director of Nireas-IWRC, in order to collaborate with ESR14 and participate in the Stockholm Junior Water Prize 2017 - Cyprus National Competition with some students of the school (*see Outreach activity 4*). As a result, ESR14 with whom the teachers and the students collaborated arranged to go to Aradhippou High School in order to give a presentation with ESR11 and inform more students about the ANSWER project and the issue of antibiotic resistance.

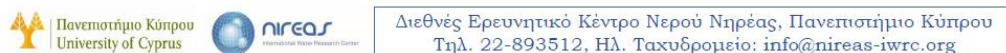
Dissemination material distributed during the event

- Attached the dissemination material (i.e. flyers, brochure, ppt presentation, etc.) distributed to the audience during this event, with a short description.

The PowerPoint presentation is attached to ANNEX I.



The front and the back slides of the PowerPoint presentation are presented below:



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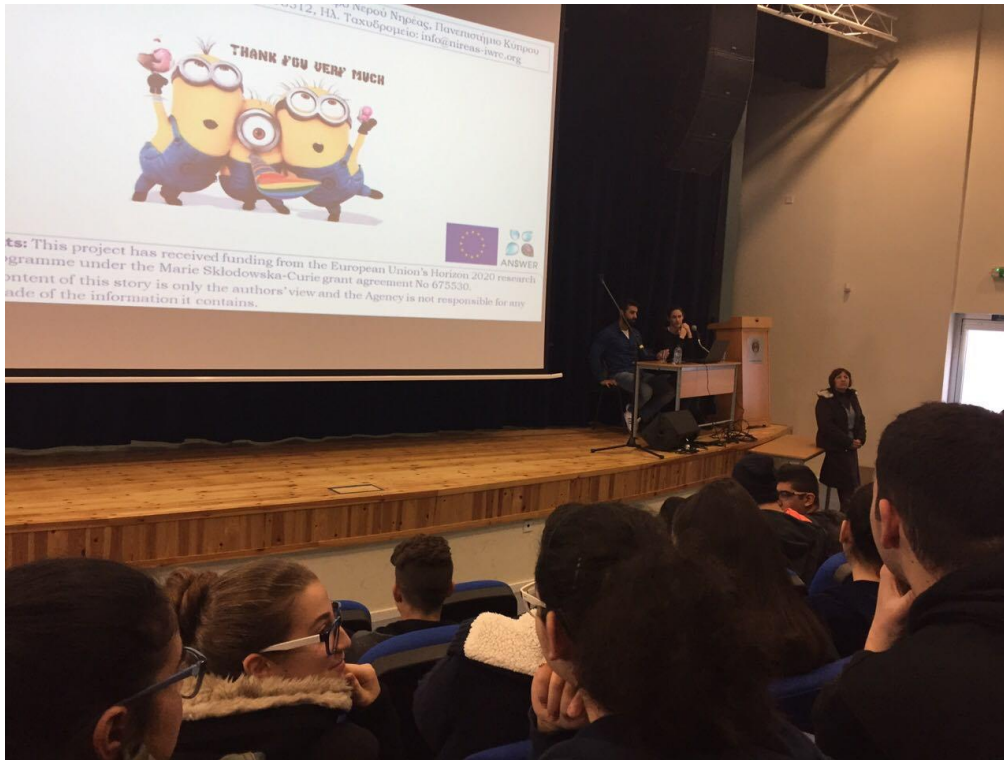
Disclaimer: The content of this presentation is only the authors' view and the Agency is not responsible for any use that may be made of the information it contains.

Photos of the event

- Attached some photos of the event (in high quality).







Final Remarks

- Add some final remarks, (i.e. regarding the success of the event, whether the audience seems to be interested in your research, etc).

The presentation was performed in the framework of the course of "Professional Orientation". The event was very successful and the students expressed their interest in the topic of the presentation as they soon have to choose the field that they will study. A discussion followed the presentation and both the teachers and the students asked questions about the use of antibiotics, when they should be prescribed, what are the urban wastewater treatment plants (UWTPs) and how they operate, how antibiotics end up in the UWTPs and in different environmental compartments, what is antibiotic resistance and how it spreads into the environment. After the presentation, ESR11 and ESR14 received gifts from the students and their teachers.

