Report on 3rd Teacher ODE

The DESIRE project has been funded with the support of the Lifelong Learning programme of the European Union. This document reflects the views only of the authors, and the Commission, cannot be held responsible for any use which may be made of the information contained therein.
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1.1. Introduction

The partner in charge of collecting data from teachers and organising outreach activities targeting them decided to run an additional discussion event to accumulate more qualitative data from this key target audience. A face-to-face workshop was organised for teachers at the First inGenious academy in Bad Hofgastein, Austria from 19 - 22 October.

1.2. Content of the discussion

The workshop was organised as an open discussion and was moderated by Agueda Gras-Velazquez, the head of science education programme at EUN. Several dissemination channels were discussed, giving the opportunity to teachers to provide feedback on each of them:

- **Teachers meetings**

  The teachers’ workshops, events and meetings in general have been identified as one of the most effective way to share information on the latest results from science education projects. These networking activities allow butterfly effects in terms of dissemination.

- **Competitions for teachers**

  European or national competitions for teachers were seen by the teachers involved in the workshop as a very good way to learn about activities and results carried out by science education projects. An example given was the inGenious project website.

- **Facebook**

  The social platform Facebook was perceived as a channel allowing good viral effect and considered as a fun channel to use. A negative point identified by teachers was the fact that getting information from science project on Facebook requires being very active on the platform. Another inconvenient is that Facebook is also often used by teachers for their private life and it is not always easy to differentiate that with the professional activities and contacts.

- **Online information updates**

  Teachers involved in the workshop believe the emails, newsletters and RSS feed can be very useful to receive science education projects results. However they believe Google Ads are not effective to find the right information.

- **Google search engine**

  The search engine Google was mentioned as a channel commonly used by teachers and students to get information on science education project, to find resources and information. However, teachers mentioned the negative aspect of this channel being the privacy issue for students and the relative accuracy of some information found.
• Governments, national education authorities

Teachers also talked about information received from governments and national education authorities. On that channel, they explained that an ideal situation would be that each country runs a unique national website or organism to disseminate results of science education projects. They also suggested that information should be given to headmasters first, that would act as intermediate with the teachers of its school.

• European portal on science education

Portal intended at science educators gathering information, results, resources and publications from science education projects in one place has been identified as a very good channels by the teachers involved in the workshop. The Scientix portal was mention as a good example for that.

• Academic publications

Very few teachers mentioned the results of academic research as a channel easy to use to receive useful information on the results of science education project.

• International or EU teachers TV

An idea suggested by the teachers was to create an international or European television for teachers. The idea would be to use an existing education portal such as inGenious or the social website YouTube to create a channel gathering all the videos existing for teachers in one place.

1.3. Conclusion

The conclusion of this workshop was formulated by the teachers with the help of the moderator. They concluded that using one of the dissemination channels independently is not very effective for teachers to keep updated on the latest resources, methods and materials that are made available by science education projects. They have suggested that teachers benefits better from these innovation resulting from science education projects if they combine online and face-to-face dissemination channels and events. Another point mentioned was that the information should be communicated by project managers and science communicators in simple way and format.