

Appendix 1: Description of Recipient's TTP Project

The core idea for the workshop is to present basic and advanced astronomical and natural phenomena in different ways. We plan to apply a traditional lecture approach combined with playing activities and experiential learning which will be supported by night observations. In this way, teachers will not only gain new knowledge but also the skills to teach in the field. They will also be familiar with modern observation techniques used for astronomical observations (e.g. CCD camera, SQL light pollution meter).

Main topics will be:

- History of astronomy and the relevance of ancient astronomical discoveries in the present.
- David and Goliath or the relationships between Earth and Sun.
- Light pollution as current environmental problem.
- What can we learn from sky and stars? How the sky affects our daily lives? What did observing the night sky bring to people in the past and nowadays and how it made our lives easier?
- Errors and mistakes in school textbooks concerning astronomical information.
- "Fun astronomy" or how to attract attention to complicated topics.

We think that today's media presentation of science is mostly just about spectacular scientific discoveries, and the public is misled into thinking that this is the only interesting science. For this reason, basic astronomical and natural phenomena seem uninteresting, even downright boring, or also misinterpreted.

The aim of the project is to bring this issue closer to the target group - teachers who teach science, especially geography and physics, or lead astronomy clubs. In fact, teachers have not studied just astronomy at the university level and therefore welcome lifelong learning. They are still interested in new information in the field of astronomy. They are looking for alternative more attractive methods of teaching. All of this is offered by our workshop.

Appendix 2: Binding financial plan for recipient's TTP Project