

## Science with and for Society - Project Partner Search Form

### CALL: Science with and for Society 2018

- I offer my expertise to participate as a Partner in a Project
- I am planning to coordinate a project and I am looking for Project Partners

Topics
<p><b>Strategic orientation 1. Accelerating and catalysing processes of institutional change</b></p> <p><input checked="" type="checkbox"/> SwafS-01-2018-2019: Open schooling and collaboration on science education</p> <p><input type="checkbox"/> SwafS-02-2018: Innovative methods for teaching ethics and research integrity</p> <p><input type="checkbox"/> SwafS-03-2018: Developing research integrity standard operating procedures</p> <p><input type="checkbox"/> SwafS-04-2018: Encouraging the re-use of research data generated by publically funded research projects</p> <p><input type="checkbox"/> SwafS-05-2018-2019: Grounding RRI practices in research and innovation funding and performing organisations</p>
<p><b>Strategic orientation 2. Stepping up support to Gender Equality in Research &amp; Innovation policy</b></p> <p><input type="checkbox"/> SwafS-09-2018-2019: Supporting research organisations to implement gender equality plans</p> <p><input type="checkbox"/> SwafS-10-2018: Analysing gender gaps and biases in the allocation of grants</p> <p><input type="checkbox"/> SwafS-13-2018: Gender Equality Academy and dissemination of gender knowledge across Europe</p>
<p><b>Strategic orientation 3. Building the territorial dimension of SwafS partnerships</b></p> <p><input type="checkbox"/> SwafS-14-2018-2019: Supporting the development of territorial Responsible Research and Innovation</p> <p><input type="checkbox"/> SwafS-22-2018: Mobilising Research Excellence in EU Outermost Regions</p>
<p><b>Strategic orientation 4. Exploring and supporting citizen science</b></p> <p><input checked="" type="checkbox"/> SwafS-15-2018-2019: Exploring and supporting citizen science</p>
<p><b>Strategic orientation 5. Building the knowledge base for SwafS</b></p> <p><input type="checkbox"/> SwafS-18-2018: Taking stock of the application of the precautionary principle in R&amp;I</p> <p><input checked="" type="checkbox"/> SwafS-19-2018-2019: Taking stock and re-examining the role of science communication</p> <p><input checked="" type="checkbox"/> SwafS-20-2018-2019: Building the SwafS knowledge base</p> <p><input type="checkbox"/> SwafS-21-2018: Advancing the Monitoring of the Evolution and Benefits of Responsible Research and Innovation</p>



## 1) PROJECT INFORMATION

**Field of expertise related to the topic:** Science Education and Outreach in Space Education and STEM/STEAM Projects; Citizen Science

**Potential contribution to the project:** We can contribute with activities aimed at:

- promotion activities for citizen science projects
- implement and test pilot open schooling and innovative science education activities
- popularize and spread among the students the knowledge and achievements of the astronomy and space research
- create and develop a system of measuring quantitatively the interest to the amateur astronomy, observation and astronomy activities, in order to build the SwafS knowledge database
- measure quantitatively the impact of science communication during dedicated events in order to understand the effect on the audience considering the acquiring of skills for practical application of the physical knowledge in explaining unknown phenomena, carrying out and planning of tests and experiment

**Role in the project:**

Research  Dissemination  Other  
 Training  Technology Development

Project idea:

Project description:

Already experience as a Coordinator:  yes  no

As a Partner:  yes  no

If "yes", which project: 1. Eu Space Awareness (<http://www.space-awareness.org>), funded by H2020 Grant Agreement 638653; 2. KeyCoNet, associate partner 3. 2014, Astro party, IAU, Office of Astronomy for Development, Task Force 2, Leader

Other partners in consortium already identified (with countries):

## 2) TARGET COORDINATOR / PARTNER SOUGHT

**Organisation details:**

Higher education / university  Industry / SME  
 Research institution  Other  
 NGO Please specify:  
 Education

**We are looking for following Expertise / Competencies:**

## 3) CONTACT DETAILS

Contact Person:

Name: Ivo Jokin

Ms  Mr

Organisation: Municipality Dolna Mitropolia/Municipal center for extracurricular activities

Address: 39 St.St. Kirirl and Metodius str.

Postal code: 5855





City: Dolna Mitropolia

Country: Bulgaria

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Email: dolnamitropolia@el-soft.com

Organisation web address: <http://dolnamitropolia.acstre.com/>

Short profile of the Organisation: The Municipal Center for Extracurricular Activities, village Baikal, Bulgaria, is situated on the beautiful Danube riverbank. The Municipal Center is an educational unit at Municipality of Dolna Mitropolia. It is managed by a director appointed by the Mayor of the Municipality.

There are ecology club „Danube”, painting school „Rainbow”, groups for authentic folklore „Kalushari”, Astronomy club, which have a lot of awards. The center has already implemented a strategy for their work connected with the childrens education.

The ecology club has been active for 15 years. We all live with the problems and pain of our favorite river Danube. The studehts take part in the activities connected with protecting of the wet zones and their inhabitants-birds which live and nest near the river. We are organizing “The European days of birds-the 2 nd and the 3 d of October, the international day of river Danube, 29 of June. It organizes and carries out its activity in conformity with the following purposes and priorities:

- work with pupils at the age of 10 to 14/18 years from all 8 municipal schools with regard to the scientific education;

- professional orientation of the pupils in the field of science. IBSL - Inquiry Based Science Learning, Learning by doing

In my capacity of a Director of the Center and science teacher - physics and astronomy, chemistry, ecology, i organize and carry out the various activities on a school, regional, national and international level.

I and my colleague from the center and Ministry of education and science in Bulgaria organized every year Astro party, it included lection session from university lecturers, workshop and observation sessions. In Astro party participants are physics and astronomy theaters and students from all country.

We are members of the national folklore association Sofia, Astronomy association Sofia and European association for astronomy education/EAAE/ and GTTP - Galileo Teachers Training Program.

We Organize workshops to introduce teachers to the projects and models.

#### Astro Party

Astro Party Baykal is traditionally held since 2005 at the beautiful bank of the river of Danube at the village of Baykal, Dolna Mitropolia Municipality, Pleven district, under the patronage of the Minister of education and science and the mayor of Dolna Mitropolia Municipality – Mrs Polya Tsonovska.

The program includes activities with students and teachers, who provoke love to both sciences physics and astronomy. The event is included for a sixth time in the National calendar for extracurricular activities of the Ministry of education and science for the academic 2016/2017.

Organizers: Ministry of education and science, National children’s palace, Regional education inspectorate Pleven, Dolna Mitropolia Municipality and astro club at the Municipal center of extracurricular activities and pursuits of interests – village of Baykal.

Partners: Union of the astronomers in Bulgaria, Sofia university faculty of physics, Institute of astronomy at Bulgarian Academy of sciences, Institute of electronics at Bulgarian Academy of sciences, Astronomy association – Sofia.

International partners: IAU - International astronomy union, EAAE - European





association for astronomy education, GTTP - Galileo Teachers Training Program, UNawe - UNIVERSE AWARENESS, SPACE AWARENESS  
The participants are: physics and astronomy teachers from the municipal schools on the territory of Dolna Mitropolia municipality and across the country, Republic of Romania and Republic of Turkey, ranked students in regional, national and international astronomy Olympics and such that are about to touch the most beautiful and ancient science - the astronomy.

Goals:

- to popularize and spread among the students the knowledge and achievements of the astronomy
- to create and develop the interest to the amateur astronomy, observation and astronomy activities
- to acquire skills for practical application of the physical knowledge in explaining unknown phenomena, carrying out and planning of tests and experiments

Main topic of Astro party Baykal 2017 - "The universe in our school". Was organized a special GTTP workshop for the teachers and "Galileo teacher" certificate awarding by the Galileo ambassador for Bulgaria - Ivo Jokin.

Projects:

1. KeyCoNet, associate partner
2. 2014, Astro party, IAU, Office of Astronomy for Development, Task Force 2, Leader
3. 2015, EU Space Awareness, dissemination partner <http://www.space-awareness.org/bg/>

Articles:

1. The STELLA eBook 'Science Education in European Schools - Selected Practices from the STELLA Catalogue' illustrates selected practices identified from the STELLA Catalogue of Science Education Initiatives. The following practices have been selected:  
Bulgaria - The Birds in a School's Life, Ivo Jokin,  
[http://www.stella-science.eu/pool\\_good\\_practices.php](http://www.stella-science.eu/pool_good_practices.php)
2. Jokin, I., Extracurricular project activities in astronomy, VIII National Conference of the Union of Physicists in Bulgaria, Varna, 2013
3. Jokin, I., Classroom under the stars, 9th International Physics Conference of the Balkan Physical Union, 2015, Istanbul University
4. Jokin, I., Astro party, 9th Science Projects Workshop in the Future Classroom Lab, European Schoolnet, Brussels, 2015

Membership:

- Union of Physicists in Bulgaria
- Bulgarian Astronomical Union
- European Association for Astronomy Education
- Galileo Teacher Training Program, Ambassador for Bulgaria and IsEA (Inspiring Science Education Academy)

Participation:

- European Festival 'Science on Stage 2', Grenoble, 2 April 2007;
- 2nd ESO-EAAE Astronomy Summer School Granada, Spain 2008;
- SCIENTIX European Conference, Brussels, 2011
- European Science on Stage Festival Slubice - Frankfurt (Oder), 2013;
- EU Universe Awareness (UNawe) Workshop, Heidelberg, 2013;
- Go-Lab Summer school, Greece, 2014;





- 9th International Physics Conference of the Balkan Physical Union, BPU9, 2015, Istanbul University;
- Go-Lab Summer school, Greece, 2016;
- European Schoolnet - 9th Scientix Projects Networking Event, Brussels, 2015;
- Jerusalem - iSTEAM Conference 2016. Presentation of SPACE AWARENESS;
- Athens 2016, Inspiring Science Education Conference
- Brussels, European Commission, Directorate-General for Education, Youth, Sport and Culture Meeting of the EU school policy networks on the review of the Key Competences Framework, 4-5 April 2017

**Date:** 06.12.2017

**The offer is valid until:** 31/03/2018

I agree with publication of my contact data on “Science with and for Society” network website

YES     NO

**PLEASE FILL THE FORM AND RETURN IT TO YOUR HORIZON 2020 NATIONAL CONTACT POINT FOR SCIENCE WITH AND FOR SOCIETY.**

