



# Municipality of Bornova Mevlana Public and Science Center



## *Call for Partners*

### *Action 1.2 – Youth Initiatives (Youth in Action Programme)*

### *"Young Envoys of Solar System"*

### *(YESS)*

📍: Mevlana Public and Science Center 1751 Sok: No: 24 Bornova, İzmir - TURKEY

☎: +90 232 373 11 42 - +90 232 374 13 95

📞: +90 232 342 16 81 🌐: <http://mtbm.bornova.bel.tr>

✉: [bilim@bornova.bel.tr](mailto:bilim@bornova.bel.tr)

## Who We Are?

### *Where the history meets nature, culture and science...*

Municipality of Bornova is established in 1881 as one of the oldest local authorities of Turkey which is situated in İzmir, a third largest city. Bornova is almost fully urbanized at the rate of 98,6 percent, with corresponding high levels of development in terms of industry and services. Bornova's center is situated at a distance of 8 km to the northeast from the traditional center of İzmir. The urban area is divided into 33 officially constituted and delimited neighborhoods and there are also twelve small villages, mostly located in the forested uplands around Mount Yamanlar.

As it is stated in our vision: Municipality of Bornova aims at a creating a physical environment in which the public can enjoy life, have their needs met while providing equal, fast and high quality municipality services at every corner of our city, the municipality of Bornova offers a wide range of services and lays on various activities in this process. The services that the municipality offers are housing and urban development services, urban services, environment protection, landscape planning, medical services, social services, veterinary services, cultural and social affairs and well-being services. These services are carried out according to the strategic goals and aspirations of the municipality.

In Bornova, it is possible to be witnessed invaluable historic heritage from different historic periods. History of Bornova goes until to Neolithic period. With the recent discovery of Yeşilova Mound within the boundaries of Bornova district, "Yeşilova Mound" has become the oldest known settlement not only in Bornova and in İzmir as well, but also for the entire Aegean Region of Turkey in general. The ancient Greek poet Homer, traditionally considered the author of the epic poems "The Iliad" and "The Odyssey," is believed to have lived in ancient Smyrna. According to some historians, Homer lived in Bornova. It is also very important to have world's best-known epic poet as a way to promote tourism to the area.

Bornova is also home to both of Ege and Yaşar Universities' main campuses and for many at national level in Turkey. Bornova's name is synonymous with the Ege University's hospital, one of the largest and the foremost medical centers in western Turkey since decades.

Bornova Municipality is also actively taking part in international projects with different cities of Europe and as well as sister city relationships. In this context; sister city partnerships have the potential to carry out the widest possible diversity of activities of any international programs, including every type of municipal, business, professional, educational and cultural exchange or projects. On the other hand; The European Union related matters are formally being executed under the European Union Projects Unit. Unit is a responsible body of the Municipality at carrying out projects for the organization in the areas of social development, tourism, youth, popular sciences and education.

## ***Mevlana Public and Science Center***

Mevlana Public and Science Center has been established in 2010 with the vision of creating a knowledge-based public, raising popularity of science by using new and alternative educational methods with the initiative of Municipality of Bornova. By using interactive educational methods, center supports the young generation to develop the necessary skills and to know how to integrate science into a daily life.

With its unique structure, Center targeted to increase the awareness of science for the students studying at different schools in Bornova. To be able to that, every year 900 students are finding opportunity to participate at Science education in 6 different “Popular Science Clubs” of the center. Clubs are consisting from ***Astronomy, Philosophy of Science & History, Biology, Physics, Chemistry and Paleontology & History of Nature.***

### **The objectives of the Center are:**

- To increase the knowledge of students about natural sciences,
- By using interactive educational methods, to raise enthusiasm of learning, excitement of science experiments and joy of discovery,
- Let students to use scientific information in their daily life,
- To provide an environment to introduce and discuss on experiments, creative ideas, and inventions of science,

The instructors of the center are successful and young experts having number of strengths on the relevant fields of the science and providing high quality learning settings to the students.

Students that joining to the clubs are obliged to participate 2 hours lessons in a week and total educational period is 12 weeks for each club.

In this respect, it will be an invaluable opportunity to welcome you at Mevlana Public and Science Center within the scope of our EU Project.





## ***Objectives of Project: What It Would Provide You?***

### ***Action 1.2. Youth Initiatives:***

Youth Initiatives are projects entirely devised, planned and implemented by young people at local, regional or national level. The goal of these important non-formal learning experiences is to stimulate young people's creativity, enterprise and initiative. Youth Initiatives are aimed primarily at 18-30 year olds, but 15-18 year olds can take part if accompanied by a coach or youth worker.

***Our Project "Young Envoys of Solar System" is aimed at realizing both general and specific objectives listed below:***

#### **General Objectives of the project:**

- To bring together youth, those active in youth work, municipalities, youth parliaments, youth organizations and also those responsible for youth education.
- To have information about the objectives and the formats of actions YiA Programme and Action 1.2,
- To meet with potential European partners for your further project developments.
- To discuss about how science can be integrated to our daily life?
- To discuss how science has an integrative role on Intercultural Dialogue by sharing universal knowledge.
- To raise the visibility of youth works and initiatives,
- To contribute new innovative ideas on disseminating popular science knowledge,

#### **Specific Objectives of the Project**

The year runs October 2010 until August 2012, a Martian year. This period has been called as "Year of the Solar System" the project "Young Envoys of the Solar System" is an initiative which has inspired from "Year of the Solar System" and specifically aimed at raising awareness of the solar system between young people involving to project by interactive experiments, designing models, sharing new and innovative ideas.

#### **Within this project as Young Envoys:**

- Will be enjoying "Non- Formal Science Education" in general but;
- Are you afraid of Science?
- As a young envoy, would you like to discover and research the solar system?
- Do you want to develop your personal skills on using science in your daily life?
- Would you like to construct and combine concept of 'Volunteerism' with the knowledge of astronomy by becoming solar system envoys at your country?
- Would you like to promote common studies among science centers and to share used different alternative learning methods?

Be a volunteer envoy that will share scientific information by effective methods and consolidate the concept of volunteerism.

## ***Project Summary:***

“Young Envoys of Solar System Project has been developed by the core team of the Mevlana Public and Science Center’s instructors of Municipality of Bornova.

Aim of project is to increase an awareness of the concept of volunteerism by using multidisciplinary scientific methods. To able to do that, project will emphasis on importance of group work social responsibility, sharing knowledge, intercultural dialogue etc.

“Young Envoys of Solar System” is also a kind of initiative which has inspired from “Year of the Solar System” thus, a project will bring together the participants under the science of astronomy and by using basic concepts belonging to physics biology, chemistry, geology and philosophy of science the participants will called as a young envoys of solar system. Participants will be working on “Meteors” in this activity our young envoys will observe and examine a piece of stone that has potential to be a meteor by using easy and basic physical, chemistries, and biological tests.

According to ongoing programme participants will also be informed on existence of universe, solar system and its structure. With the help these information they will start to write from past up to today, the history of the stone which has a potential to be meteor. During this period of time, every process will be reported and at the end of an activity every participant will be preparing a presentation handbook in 5 different languages + English. The project partners will prepare a questionnaire which aims to measure efficiency of the project. This questionnaire will also be translated in different languages. This is one of the important outcome of the project.

At the end of the activity, as young envoy every participant of the project will be handling the certificate of “citizen of solar system” This certificate will be prepared with the contribution of project partners. Due to end of project activity, when envoys of solar system had returned back to their countries as a social and volunteer consciousness is expected to make presentation in their own local area (to the members of their NGO, to school that they belong to or to institutions that they belong). After every presentation, questionnaires will be distributed to learners and the results will be reported to project management body. All these results will be added to final report of the project as contribution to the dissemination of the project in local level as well as in European level.

## ***Main Activities:***

**The project includes four main stages.**

- 1- **Preparation Stage** (partners select and confirm the envoys, web designing, setting out introductory booklet and sample packet, preparation seminars etc.)

- 2- **Implementation Stage** (organizing scientific activities which will include alternative instructional methods, preparation of volunteer hand introductory booklets and seminars in five different languages, preparing questionnaire)
- 3- **Sharing Stage** (actualizing public availability implementations and seminars by envoys, conducting the questionnaires)
- 4- **Conclusion Stage** (evaluating the applications, hand introductory booklets and seminars, survey results and then publishing these data)

#### **Venue:**

The main project activities will be held in Mevlana Public and science Center, İzmir, Turkey in the Summer of 2012.

#### **Teams/Participants:**

Total number of European participants will be 24 people, 6 participants from 4 different European (Youth in Action Programme) countries and plus 6 people from our local participants.

#### **Project Duration:**

The duration of the project will be 12months. It's assumed three months for every stage of the project.

#### **Costs**

Costs relevant to project will be covered from project budget. %70 of travel expenses. %100 of meals and accommodation.


#### **During the Project:**


Twenty four(24) envoys who participate from different countries will use interdisciplinary methods for bring together different points of view via scientific knowledge and they will be formed a shared synthesis within the framework of the universality of science.



In this process envoys will learn the knowledge and skills about project concept and they will acquire a multifaceted thinking. They will develop skills on curiosity, research, discovery, overarching, synthesis and reach conclusions. Volunteer envoys will share their knowledge that acquired throughout the program for spreading awareness of Solar System Citizenship. In this way, participants will be improved their speaking skills in the face of community and they will gain the responsibility of sharing information.

#### **Methodology:**

One of the most important factors in ensuring the success of an interdisciplinary training program is that teachers to work together. In this context Staffs who works under the roof of Bornova Municipality Mevlana Public and Science Center also have academic studies within the Ege University. The center has staff of qualified instructor, appropriate physical training, infrastructure and equipment.

 : Mevlana Public and Science Center 1751 Sok: No: 24 Bornova, İzmir - TURKEY

 : +90 232 373 11 42 - +90 232 374 13 95

 : +90 232 342 16 81  : <http://mtbm.bornova.bel.tr>

 : [bilim@bornova.bel.tr](mailto:bilim@bornova.bel.tr)

## Eligible Partners:

EU Countries and YiA Programme Countries.

## Who You Can Contact?

Are you interested with our project idea? If you are interested by the topic of this project and you want to take part, please send us attached part III, dully signed and stamped, as scan copy, by e-mail to contact person below no later than 26<sup>th</sup> of January 2012.

We will let you informed as soon as possible.

### *Also share with us:*

- What is your nearest airport and the cost (per person) to reach it from where you live (round trip)?
- Cost estimation for a round trip ticket between your nearest airport and Izmir Adnan Menderes Airport;

## Contact Person:

**Mr. Erdem Muhtaroglu**

**Address:** Bornova Belediyesi Mevlana Toplum ve Bilim Merkezi  
Mevlana Mah. 1751 sok. 24 Bornova – İzmir, Türkiye

**Tel** : + 90 232 374 13 95 & 373 11 42 Ext:118

**Fax** : + 90 232 388 78 55

**Gsm** : + 90 533 510 43 84

**Mail** : [erdemmuhtaroglu@bornova.bel.tr](mailto:erdemmuhtaroglu@bornova.bel.tr)  
[erdemmuhtaroglu@gmail.com](mailto:erdemmuhtaroglu@gmail.com)

**Url** : [mtbm.bornova.bel.tr](http://mtbm.bornova.bel.tr)