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| PARTNER ORGANISATION | |
| PIC |  |
| Organisation ID | **E10281474** |
| Promoter’s legal name | Soma Bilim ve Sanat Merkezi |
| Acronym | SBSM |
| Address | Turgutalp Mh Geyik Sk No:52 |
| Country | Turkey |
| Region | Soma / Manisa |
| Post code | 45500 |
| City | Manisa |
| Web site | <https://somabilsem.meb.k12.tr/> |
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| PROFILE | | |
| Type of Organisation | | Education Centre |
| Is the partner organisation a public body? | | Yes |
| Is the partner organisation a non-profit? | | yes |
| Total number of staff | | 20 |
| Total number of learners | | 250 |
| **ACCREDITATION** | | | | |
| Has the organisation received any type of accreditation before submitting this application? | | * No | | |
| Has the organisation received/applied for any EU grants? | | **2022-1-TR01-KA121-SCH-000067795** | | |

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| BACKGROUND AND EXPERIENCE | |
| Please briefly present the partner organisation. | As an educational institution (245 pupils, 25teachers and 2auxiliary personnel with quality and peaceful educational premises)in Soma,Manisa district, established on 4 January 2021, with 10workshops, 6classrooms,1multi-purpose hall and 1 library, we provide education to gifted and talented pupils.The school consists of one main building which is located only 7 km from the city center and also is a school,which is situated in Turgutalp ,a rural area that is 7 km from the central one.Pupils are 8-17 years old ,and there are 11 grades,divided in three periods 2nd -4th garde (8-10y), 5th-8th (11-14y) and 9th-12th (15-17).Educational activities take place after the formal education.The pupils are prepared and educated to  support their learning, help realize individual and develop special skills, participate in  project development and management programs. Programs, mainly based on a project approach, are prepared and carried out to gain deep and advanced knowledge and skill behavior in various disciplines. All of scientific, cultural, artistic and social activities in and outside  the institution  are evaluated in the scope of education and training activities. |
| What are the activities and experience of the organisation in the areas relevant for this application? | * Pariticipated in workshops related with creative thinking and coding using Microbit Chips * Organized workshops promoting school safety against bullying * Participated in projects organized by TÜBİTAK related to science and math * Participated in an eTwinning and Erasmus projects organized by EU * We have a 2-years experience with Eco activities .We have been doing and carrying out projects since 2021.Because we are new school(new founded) We have won the first eTwinning projects and TÜBİTAK projects .These projects are related with Eco-environment. * We organized TUBITAK QUEST SCIENTIST.We hosted Dr Niklass Jansson from Linkoping University, Sweden.He gave ecology education. * Conducted a project on supporting family capacities including both children and parents * Organized workshops for students on increasing creativeness in gifted and talented pupils. * Participated in many trainings on inclusion-working with children with gifted and talented students.   The stuff is highly educated, competent and thrives to produce a harmonious learning atmosphere where the student’s individuality is of highest importance ,his abilities and competences.  Our teaches are highly qualified for working with an individual approach with students with gifted and talented pupils.Those students are enrolled in the regular teaching proccess ,following a separate curriculum because inclusive education is an integrated part in our educational system.  Teachers create a simulative learning environment equal and appropriate to all students’ needs. They constantly organize and take part in workshops for students and parents in order to raise awareness to increase creativeness, tolerance and embracement. Beside creating an environment where students feel respected and accepted, it also establishes one that is clean and healthy. Teachers are innovative, deliver classes following the latest methods and trends, and dedicated fully to the delivering of regular classes and various extra-curricular activities that are according to the students’ needs.  Students are highly motivated to create, design, discover things and upgrade their talents,to take parts in competitions and win prizes.  Teachers apply for project based learning for our students. Our students try produce some materials and apps for the world.Here are some projects of our students1.Recycling will be awesome-RECYCLING PROJECT  we aim to bring an innovative solution to the environmental pollution problem and to increase the awareness of recycling with the method we will apply, as well as the smart recycling. In the recycling device we designed, there is a separate collection chamber for metal, glass, plastic, paper and waste batteries, and students will leave their waste recyclable materials in the appropriate chamber. All students will have their own accounts with the cards defined for all our students. They will use these calculations with the logic of gamification and each student will collect points for the recyclable material they throw. With these points they collect, they will win surprise gifts. We implemented the recycling model (prototype) we designed with 134 students in our institution in a period of 2 months.  2.AIR QUALITY MONITORING DEVICE  Students who go to school spend almost 90% of their daily life indoors.This situation makes BİLSEM students more risky during the Covid-19 pandemic process. Technological advances can help us monitor air quality. In our study, we designed an indoor air quality monitoring device in BİLSEM. We used Arduino control card, humidity, temperature and gas sensors in the device we created. The sensors process the data they receive from the indoor environment with the Arduino control card and warn us on the control screen when they reach risky levels. As a result, the indoor environment is mechanically ventilated to fill it with outside air and the indoor air quality is reduced to normal levels.  3.“Water Detective Game  The purpose of our work as; Our aim is to raise awareness about the efficient use of water and to teach the concepts of hidden water and water footprint, with the game (education content) we have prepared for the new generations, which is the guarantee of our future, in order to prevent the crisis of access to clean water resources expected in our country in the future.The "Water Detective" game, which is the educational content of the water footprint, has been prepared. Game Maker Studio 2 was used to prepare the game.As a result, it has been revealed that the concepts of using water sparingly, hidden water, and water footprints are learned more effectively with the prepared game.  4.This March our students will prepare 'ecological agriculture workshop'.  Our students will use mulching and green fertilization. They will grow some plants and vegetables.They are working on this project now.,  Also in our centre our students do eTwinning projects.In 2022, we did eTwinning projects such as How to build at local scale: Sustainable Actions At All Over The World (Stem Project), WATER:aWAyToEartRescuers, Eco eTwinners Set Sail. In 2023, Become friends with the trees by using digital technology (Stem Project), Talking Etwin-Trees, E.C.O. T.E.A.M. (Environment, Climate Obtain Team-Evolving Active Monde) We are doing eTwinning projects. In addition, Scientist Dr., who came to our institution in 2022 within the scope of TÜBİTAK 2221 Guest Scientist Invitation Program. Nicklas Jansson from Sweden gave different nature trainings at our institution on 11-12-13 May 2022. In May 2022, students were given nature training in Manisa Spil Mountain. |
| What are the skills and expertise of key staff/persons involved in this application? | The school has a positive surrounding,and the staff are eager to gain new experience ,take part in projects ,and we will be particularly honoured to be part of the Erasmus projects and enhance our knowledge and expertise to a new level.  Teachers that are included in this group are highly experienced ones,that have worked as coordinators and participants of many school projects .They have attended many seminars,workshops and trainings.Whoever takes a post in the future, will certainly be highly skilled,dedicated and cooperative.  Project coordinator  Enise Ulu Çoğalan  -English teacher ,grades 2-12  Duties/Responsibilities  planning, development and overall coordination/implementation supervision of projects  - developing project concepts, including goals, objectives, activities and main stages |

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