

SMART4ENV

Newsletter Issue #2

January 2024



WELCOMING

Assoc.Prof. SELDA MURAT HOCAOGLU



Dear readers,

We are thrilled to bring you SMART4ENV 2nd newsletter which provides information on our latest achievements and upcoming activities.

Over the past 6 months, the Consortium has worked SMART4ENV project to reach its main objectives: Upscaling the research skills and research management capacities for smart environmental solutions. The related work package reports, deliverables and milestones of 2023 has been prepared and submitted.

With a few of our case studies already underway and more set to commence in the upcoming weeks, the project is transitioning into a new phase that will place a significant emphasis on research, innovation, and knowledge transfer. Additionally, we are preparing for an exciting second year of the project, so stay tuned for further updates on a range of engaging activities, including workshops and focus groups aimed at involving stakeholders.



SMART4ENV has received funding from the European Union's Horizon Europe - Horizon-widera-2021-Access-03 under grant agreement No 101079251.



SMART4ENV Project Corner

SMART4ENV 3rd Meeting

The 3rd SMART4ENV Project Meeting was held on 03 November 2023 online, bringing together project members and four esteemed advisory board members. More information can be obtained from [here](#).



SMART4ENV first Mobility Program in Ancona

The activities of first mobility program took place in the city of Ancona, Italy, from September 11 to September 29, 2023, with UNIVPM hosting the first program. The activities of the first mobility program included lectures, laboratory classes, technical visits and stakeholders meeting, visits to the University's infrastructure such as laboratories, pilot plants, international office as well as brainstorming sessions. This program was divided into 4 major groups as wastewater, vision robotics and artificial intelligence, coastal management and air quality. Details of the activities carried out during the period can be reached from [SMART4ENV Mobility Program in Italy](#).



FIRST SMART4ENV SUMMER SCHOOL

TÜBİTAK MAM organized the first summer school of the project for researchers, MS and PhD students during 2-4 October, 2023. The summer school aimed at providing opportunity to network and share practices and activities with high-level experts on the subject of low-cost smart environmental solutions to monitor city air quality. 27 graduate students actively participated to the school. It provided a good opportunity to network and share practices and activities with high-level experts on the subject of low cost smart environmental solutions to monitor city air quality. See more information [here](#).



SMART4ENV has received funding from the European Union's Horizon Europe - Horizon-widener-2021-Access-03 under grant agreement No 101079251.



FIRST SMART4ENV WORKSHOP

TUBITAK MAM organized a 2-day workshop on 5th-6th October 2023. The subject of the workshop was "Research training in science, responsible research and innovation, intellectual property right, open access, entrepreneurship, and project formulation".

The workshop was carried out at TUBITAK facilities within the Gebze Campus, in collaboration with the other two projects coordinated by TUBITAK MAM namely MycoTWIN (GA.no: 952337) and PhenolAcTwin (GA no. 951994).

The participants were TÜBİTAK MAM researchers, administrative staff as well as MS and Ph.D students who were short-term scholars in the projects of TUBITAK MAM. The total number of participants was 41 during the first day and 30 during the second day. The second day was developed hybrid including the participation of 12 additional attendants.

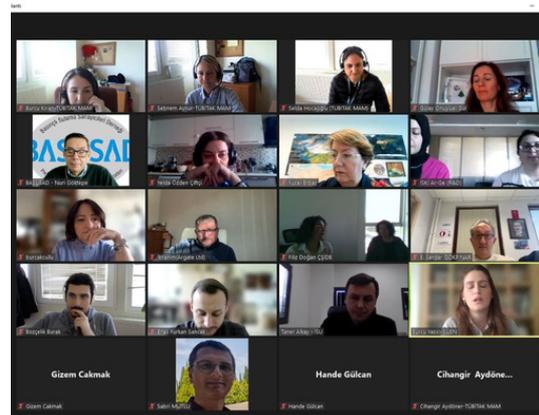
Find the related [Press Release](#).



First SMART4ENV Board of Trustee Meeting

On 27th December 2023, SMART4ENV EU-funded Project organized its first board of trustee meeting. 11 distinguished individuals have joined the first meeting, bringing a wealth of experience to our Project mission. First, we have presented the Project and the updates.

In the second session, 3 breakout groups (Scientific/Technical, Operational/Policy and Socio-Economic) were created. The rooms have discussed the technological, operational/policy and socio-economic barriers of digitalization for the environment sector. Our board was pleased to see the continued progress in the Project and significantly contributed to the tasks related to identification of gaps for the adaptation of smart environmental solutions with an interdisciplinary perspective.



SMART4ENV at events

Throughout the last semester, SMART4ENV has been presented in various events (click on each to have some takeaways from our social media.)

European Researcher Night

In 2023, on 29th and 30th of September, SMART4ENV Horizon Europe Project was present on the European Researchers' Night in two cities: Erzurum (Turkiye) and Ancona (Italy).



In Erzurum, the activities were themed "Science from Nature to Your Table". İRFAN BAŞTÜRK from TUBITAK Marmara Research Center exploited the Project aims and expected outputs. The Project were also promoted through a short Turkish video, a demo for the students for image processing and also a game for climate change adaptation.

In Ancona, two esteemed researchers; Ömer Sarıkaya and Cihangir Aydoğan, from TÜBİTAK Marmara Research Center amplified the significance of this event, illustrating the global appeal and impact of SMART4ENV.



Preparation of National Action Plan for Land-Based Pollution Project Meeting

For the project, the Current State and Gap Analysis Workshop is conducted between 10-13th of October 2023 in Ankara. SMART4ENV Project is presented by Sebnem Koyunluoglu Aynur during the workshop as digital solutions are necessary to cope with anthropogenic pollution.



Planning and Coordination Board of the Navigation, Hydrography and Oceanography Services

The meeting took place on 16-17 May 2023 in TUBITAK Gebze Campus. In the meeting, Sabri Mutlu from TUBITAK Marmara Research Center presented SMART4ENV Project the Case Study 5 in which the coastal processes of the Gemlik Bay will be resolved to estimate refreshment time of the bay.



Ümraniye Istanbul Chamber of Commerce Primary School Communication Activity

Burak Bozçelik from TUBITAK Marmara Research Center explained more about the project, in activities with Ümraniye Istanbul Chamber of Commerce Primary School as part of our communication measures on May, 2023. It was a happy afternoon with full of science but also fun and enthusiasm.



Thank you



ENHANCING THE SCIENTIFIC CAPACITY OF TUBITAK MAM IN THE FIELD OF SMART ENVIRONMENTAL TECHNOLOGIES FOR CLIMATE CHANGE CHALLENGES

