

AdSWiM

EVENTS ORGANISATION AND PARTECIPATION

Deliverables 2.4.3
INTERNATIONAL EVENTS



Deliverable 2.4. EVENTS

National, International events and Workshops

In order to promote and disseminate the activities and the results of the projects over the years to a broader audience and to sensibilize the territories reached by the project on the topic of sea water pollution, the role of the nutrients in the marine ecosystem and the innovative role water treatment plant can play, we organised, hosted and/or participated in 110 events in person, online and in blended editions. Each partner hosted at least one workshop and participated in at least in two major events. All the photo material is presented in the multimedia galleries on the project website and many of the events are presented in the news and events website section.

Most of the events were technical workshops or conventions or scientific meetings (such as WaterSafetyPlan Convention, BioMA, Biocampa, DESIR, XVII IHSS Symposium Torino, AIOL Congress, PhD Ocean Hackathon)

or scientific or technical conferences and fairs (ABC Urbino, Festival dell'Acqua, Marano Lagunare workshop on Quality of waters and fertility of Sea, Water and Climate Conference Split, Crofish, Sealogy, Remtech Europe, ESOF TRIESTE, Giornata Bioanalitica Conference, The World Congress of Biosensors). Some of the events involved the general public and students as well (such as Researcher's Night in Rome and Ancona and Festival Znanosti in Pula, Zadar and Split) held in person and online, due to COVID-19 restrictions. Several joint meetings were organised with other Interreg Italy-Croatia projects (Waterecare, Ecomap, Asteris) or other EU projects on overlapping issues (EUSAIR Forum, BoDEREC-CE, City Water Circles – CWC) in order to strengthen cooperation between public administrations, scientific and research institutions and water managers. Several workshops for schools and universities were organised in different project areas and also online (such as Ada Lovelace Day and Chemist table Day in Rome, Nautici in Blu in Trieste, PLS workshop in lesi, Smart open Days and Orienta Days of UNIVPM, Environmental Course and Sustainability Course of UNIUD). Various social media campaigns were organised that also included participation in online events and dissemination of international campaigns (EU Water Day congress, EU Health Day Congress, International Social Day and a video realisation for Interreg Italy -Croatia Programme, SLAM Interreg competition, Comunicare Interreg with the Italian Agency for Territorial Cohesion, EU Research Day and Congress, Girls' Day and Education day, Mediterranean Day with the realisation of one shared poster with photos of sea colours from different AdSWiM locations, etc.).



Deliverable 2.4.3 International events

Here is the list of 55 international events and workshops. We need to precise that some events are presented in the deliverable 2.4.4 and 2.4.5 as many of the events were organised as joint events between the partners and they were held jointly with the by the guided visits and open doors events or labs for schools and citizens or social campaigns. No double counting is present. For the details, you can check the monitoring presentations per semester that are available on this website and on social media project channels. All other documentation related to this deliverable is part of the reporting documentation of the partners during the project lifetime.

PR1

PP10 METRIS

Metris held a public **press conference June 27**, 2019 for the project presentation. Several administrative and media stakeholders took part in the event. Materials were produced, invitation were done by the partner.







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PP3 OGS

Ocean's sampling day on June21, 2019. The adswim researchers participates with the sampling related to the WP3 activities.



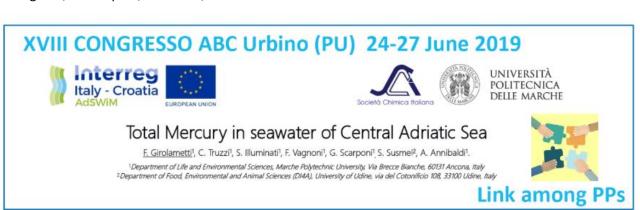


PPO University of Udine and PP4 POLITECHNIC UNIVERSITY OF MARCHE



LaSocieta' Chimica Italiana (SCI, The Italian Chemical Society), founded in 1909 and erected in a Moral Body with R.D. n. 480/1926, is a scientific association which has over three thousand five hundred members. Members carry out their activities in universities and research institutions, in schools, industries, in public and private research and control laboratories, in the freelance profession. In addition to their interest in chemical science, they are united by their willingness to contribute to the cultural and economic growth of the national community, improving the quality of human life and protecting the environment. The Society organizes numerous conferences, courses, schools and seminars both nationally and internationally and XVIII ABC CONGRESS is one of them. This year congress was organised by the University of "Carlo Bo", Palazzo Battiferri, Urbino from 24 to 27 June 2019. Two project chemists,

Anna Annibaldi from Polytechnic University of Marche and Sabina Susmel from University of Udine participated at the event with the Adswim project that was acknowledged with posters presentation with the title "<u>Total Mercury in seawater of Central Adriatic Sea</u>", Authors: F. Girolametti, C. Truzzi, S. Illuminati, F. Vagnoni, G. Scarponi, S. Susmel, A. Annibaldi.



PR2PP0 University of Udine, PP3 OGS and PP4 POLITECHNIC UNIVERSITY OF MARCHE

The three partners Udine took part "Festival dell'acqua" on October 10t 2019 with OGS in Venice. The event was held at Fondazione Querini Stampalia. In this occasion the AdSwiM project was presented. 660 people attended the event. A specific flyer was done for the occasion and the official project campaign was presented to the public.









BRESSANONE 13/15 maggio 2019 - Forum Brixen VENEZIA 10/11 ottobre 2019 - Fondazione Querini Stampalia



PP3 OGS

ADSIM project at the BioMa scientific meeting on the Upper Adriatic. During a public meeting, scheduled for Friday, July 26 at 10 am at the <u>BioMa - Marino Biodiversity Office in Miramare, next</u> to <u>Triest</u>, Italy-Croatia research projects involved in the studies of the area of the Upper Adriatic, was presented. Oceanographic and ecological research, monitoring activities, conservation strategies, sustainable fishing and blue economy: on Friday 26 July BioMa, the immersive museum of WWF AMP Miramare hosted a public meeting entitled "Shared projects for the sustainable



development of the Northern Adriatic", organized in collaboration with OGS National Institute of Oceanography and Experimental Geophysics. It was moment of confrontation, of networking but also of presentation to the general public of the many ongoing projects that foresee monitoring activities and the development of conservation and development strategies for our sea. Among these, the AdSWiM project of which INOGS is one of the partners.



Participants:

- Maurizio Spoto Director of AMP Miramare
- <u>Paola Del Negro</u> General Director of INOGS (National Institute of Oceanography and Experimental Geophysics)
- ECOSS Project Bruno Cataletto INOGS and Saul Ciriaco (Shoreline Soc Coop)
- ROC-POPLife project Annalisa Falace (University of Trieste)
- ITA-CRO FAIRSEA project Simone Libralato INOGS
- ITA-CRO ADRIREEF Project Diego Borme INOGS
- Project ITA-CRO PRIZEFISH Cosimo Solidoro INOGS
- ITA-CRO AdSWiM project Paola Del Negro INOGS
- Project ITA-CRO ECOMAP Flavio Accaino INOGS







PP4 POLITECHNIC UNIVERSITY OF MARCHE

On **September 27th**, 2019 the Sharper night (Notte dei ricercatori) took place in Ancona. Their presented their work of measuring nutrients and tracing elements to evaluate the level of pollution of the Adriatic people. Posters, gadgets were produced and distributed. A lab for citizens and families were organized in Ancona. 9.513 persons were reached during the Event in Ancona. The event is part of a International Event in Europe.











PP5 INSTITUTE OF CRYSTALLOGRAPHY NATIONAL RESEARCH COUNCIL

Contemporary with the Ancona event, the event "Notte dei ricercatori" was held also in AdR1 National Research Council Rome, Italy, **September, 27 2019.** In this occasion Viviana Scognamiglio







and Amina Antonacci involved "Young scientist" in how to improve the wastewater management and obtain better quality of our marine waters. 11.000 people were reached in Rome that night.





Ada Lovelace Day is the international event that every year on the second Tuesday of October promotes and collects initiatives from all over the world for the promotion of the study of scientific subjects by girls and the elimination of prejudices and gender stereotypes as well as barriers to entry and career progression for women. From the collaboration between the Institutes of research on population and social policies (Irpps) and of crystallography (Ic) of the Cnr and the Infn, the initiative was born to bring Italy, with two large research institutions, to this international forum. **On 8 October, 2019** in the conference room of the CNR, in the presence of the president of the CNR prof. Massimo Inguscio, an interactive event will take place that will involve high school students, teachers and experts. A time machine will allow a virtual journey into the history of science for women, the latest data on women in science, videos and information elaborated by students will be presented; it will be possible to attend an informative seminar to deepen the fundamental concepts of quantum mechanics, with a wide range of developments in quantum technologies. Participants will be able to speak live to have their say through an interactive platform. The Adswim project was presented to the schools involved during the meeting.



On October 10 and 11·2019, Viviana Scognamiglio joined <u>The Ninth International Workshop on Biosensors</u> in Merzouga, Morocco. IC-CNR is focused on the development of biosensors and bioassays for the assessment of seawater #biotoxicity and pollutant monitoring and water analysis as well. In AdSWiM project we are developing a rapid monitoring system thanks to optical biosensors for measuring the microbiological pollution indicators of Adriatic coastal bathing areas.







On November 11, 2019 the Institute of Crystallography organized a commemorative day for the 150th anniversary of the #PeriodicTable, a year in which the 100th anniversary of the famous chemist and writer Primo Levi was born. The event held in the conference room of the CNR Research Area of Rome1 involved an audience of high school students in the area north of Rome. The day was organized in collaboration with the chemistry museum of the Department of #Chemistry of the University La Sapienza of Rome which made available some didactic equipment for the laboratory experiences and performed some experiments demonstrating the properties of the chemical elements







PP4 POLITECHNIC UNIVERSITY OF MARCHE, PP6 MUNICIPALITY OF PESCARA and PP10 METRIS

On **November 19, 2019** Pescara held the third project partner meeting of Watercare Project. In this occasion co-organized a AdSwiM project presentation made by University of Udine. This meeting was attended by Metris and by PP4 Polytechnic University of Marche as well.







PP3 OGS and PP10 METRIS

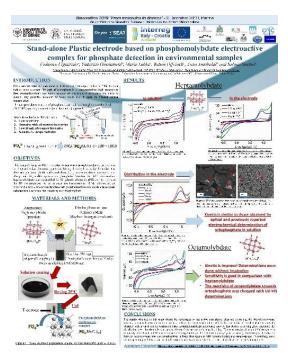
OGS held a stand during the International CroFish Fair from **November, 22 to 24,2019** in Porec, Croatia. With Metris they presented AdSWiM project to the public.





PPO UNIVERSITY OF UDINE AND PP4 POLITECHNIC UNIVERSITY OF MARCHE,

Giornata Scientifica Bioanalitica was held on **December 6, 2019** by Società Chimica Italiana in Parma. Adswim partners did a project presentation and exposed an abstract scientific poster: Stand-alone Plastic electrode based on phosphomolybdate electroactive complex for phosphate detection in environmental samples, F. Figueredo, F.Girolametti, M. Lekka, R. Offoiach, A. Annibaldi, S. Susmel.





PR3

PP9 SPLIT WATER AND SEWERAGE COMPANY LTD and PP11 FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESYUNIVERSITY OF SPLIT

A joint working meeting between the AdSWiM and WATERCARE project teams in Split- Dalmatia County were held on **February 3, 2020.** The meeting was attended by Niksa Jajac, Dean of the Faculty of Civil Engineering, Architecture and Geodesy in Split, and Anđelko Katavić, Head of the Management Board for Economy, EUFunds and Agriculture, Dalmatia County. VIK representatives attended the meeting as well. Following the presentations, it is evident that both projects are related to wastewater monitoring in the bathing area (this would be one broad link because while WATERCARE is working on the river segment, AdSWiM deals with discharges of wastewater treatment plants going directly into the sea), and found a whole series of common touch points in terms of monitoring and sea quality in general since we cover the "same" area. The common conclusion is that cooperation between public administration and scientific and research institutions must be further strengthened, all for the purpose of applying innovative approaches to coastal protection to advance the improvement of coastal waters.





Both partners participated together also in the Water and Climate Change Conference organized by Split-Dalmatia County in Hotel Cornaro (Split, Croatia) on June 17th 2020. UNIST-FGAG presented the project during conference session. Promotional materials were distributed (80 giveaway sets), 86 people participated.







PP10 METRIS

Metris representatives participated in a joint meeting with the WATERCARE project **on June 4, 2020** to share the partial results regarding the interventions and biomass technology with the partners involved. They all went to the coastal point Stalija to check the installation of the new measurement points. Articles in magazine were published to present the event and the results.



PP1 Comune di Udine

The partner organised a social campaign with a video sharing involving all partners **on March 8, 2020** for the celebration of the International Women Day. The project is particular focused on the Horizontal principals and the gender equity. The video message shared with the video "Dear colleagues, thank you for listening us and sharing with us your knowledge: there will be no testing results, no biosensors, no analysis, no labs without you. Thank you for the excellent project management and guidelines. All the men from the AdsWiM project team "



March 8, 2020 3.mp4



PP7 ZZJZ

The partner organised a social campaign #7april2020 #Health4All salutepertutti #zdravlje za sve in order to do a call to action for the activities related to the Adswim objectives and safe and better sea for all. An article and a general presentation of the partner was done on social channels, on project website and on partner's corporate website. In particular they explained the involvement on the Department for Health Ecology and Environmental Protection in the project activities (it monitors, analyzes and evaluates the impact of the environment (water, sea, air, soil, noise) and food on the health status of the population, health safety: food, raw material, water for human consumption, water for recreation and physical therapy, and items of general use; examine and evaluate the composition and quality of wastewater, surface and groundwater, sea and sediment, the ecotoxicological properties of wastewater, and the composition and quality of waste; perform professional environmental work. They also presented the instrument that has been purchased thanks to ADSWIM project, that is the Continuous Flow Analyser (CFA) for the measurements of nutrients in the seawater.



ALL CROATIAN PARTNERS

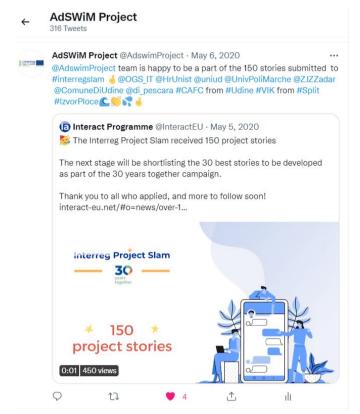
A social call to action was organized **on the April,22, 2020** for the occasion of celebration of World Earth Day and we joined the international campaign from April 22, the 50th anniversary of Earth Day, to April 24, with activists, performers, thought leaders, and artists for an empowering, inspiring, and communal three-day livestream mobilization. We promote the next Festival of Research where we planned several labs with schools.





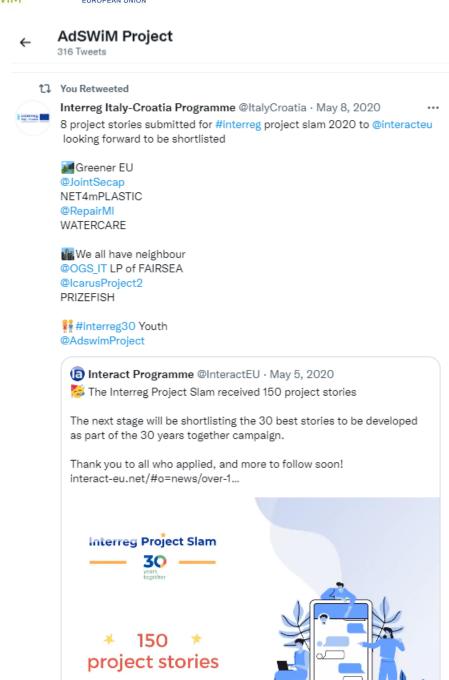


ALL PARTNERS with the PROGRAMME ITALY CROATIA



On May 6, 2020 we applied for the Interreg 30 years PROJECT SLAM and entered in the short top ten list of 150 project stories presented.





PP1 COMUNE DI UDINE

0:05 450 views

17 3

For celebration of the **Environmental International UN Day on May 6, 2020** PP1 prepared a media campaign and a press release to present the first <u>video infographics</u> through social, mailing and media to the genral public. The video was inserted on the INDIRE portal, in the distance learning program,

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thanks also to the collaboration with the OGS partner of Trieste. In addition, an educational module was developed for elementary school teachers in collaboration with professors from UNIUD LaREA of ARPA FVG and Municipality subcontractor LETTERA B: free workshops for elementary schools at the Natural History Museum of Udine and guided visits to the treatment plant with the collaboration of CAFC SpA were-proposed to children and schools for the school year 2020/2021. The same activities have been accepted and adapted by the Croatian partners who carried them outin their own territories in the next project periods. A visitor and didactic kit were prepared and presented.

The Adriatic Sea is one. Its care belongs to everybody.



ALL PARTNERS AND SPECIAL EVENTS FOR PP7 ZZJZ (labs for citizens) and PP9 VIK

For the occasion of the Celebration of the International Oceans' Day **on June, 8, 2020**, an ADSWIM call the action campaign was organised. A press release in three languages was prepared and disseminated through media by all the partners. As part of the implementation of educational activities of the Interreg project AdSWIM - Managed use of treated urban wastewater for the quality



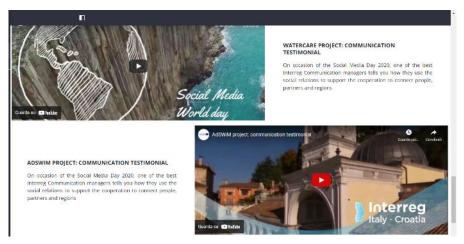
of the Adriatic Sea, a didactic laboratory for children was held on the city beach Jadran in Zadar. Employees of the Department of Health Ecology and Environmental Protection of the Zadar Institute of Public Health, in cooperation with the project partner Split Water and Sewerage Company Ltd (Vodovod i kanalizacija Split), tried to bring the value and importance of preserving the quality of the Adriatic Sea closer to the youngest residents of our city with story, joint practical work related to wastewater treatment methods with simple experiments, games and socializing. As part of the activities, children experienced a visual demonstration of a simple way of wastewater treatment (filtration), learned about the importance of economical use of drinking running water, reducing pollution, recycling and/or reuse of non-degradable materials and learned about various plants and animal species living in Adriatic and in the coastal areas. VIK prepared special gadgets (T SHIRTS) for the participants .10 children also made the Zadar "sea postcard" to say to the adults how much the sea means to them.



PP1 Municipality of UDINE and the PROGRAMME

Our subcontractor LETTERA B did a video for the celebration of the INTERNATIONAL SOCIAL DAY, **June 30, 2020**, for a social campaign that was uploaded on the HP of the programme website.



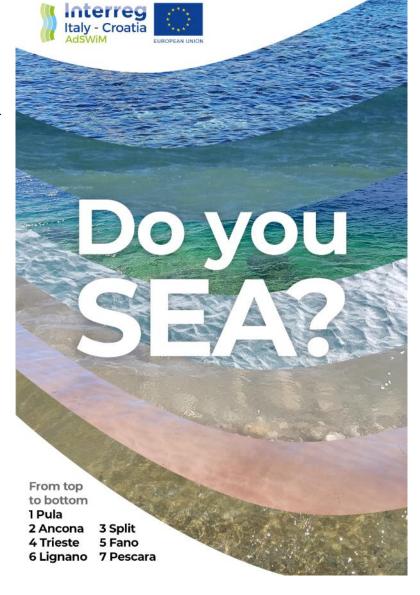


Very proud to represent our work and the programme communication work thanks to Tea Ivanisevic and her efforts!

21

All partners

On July 8, 2020 we celebrated the Mediterranean Day and created a social campaign by doing a poster with the sea images of different locations included in our project to sensibilize the general public on the sea environment. The partners were invited to take a picture of the sea next to the coast and PP1 communication agency did a poster and shared the campaign through social media and on the project website. Many of partners put the posters in the offices and headquarters.





PR4

PPO University of Udine and PP1 Municipality of Udine, CAFC

Adswim participated to **ESOF 2020 September 2-6, 2020**. Adswim presented the project on the stand of Università degli Studi di Udine successfully. LP - Università degli Studi di Udine and PP1-



Comune Di Udine participated in several workshops in presence focused on the marine litter problem, blue skills to feed jobs in the Mediterranean area, on pollution and cities and on protection of marine habitats and reduction of CO2 along coastal areas (scientific and social aspects). They met with the representatives of PP3 - OGS Istituto Nazionale di Oceanografia e di Geofisica Sperimentale that were present at #ESOFTrieste with a stand, participations and speakers. On September 4th the round table dabate on "The marine litter problem: sources, dispersion and impacts" with Agenzia Regionale per la Protezione dell'Ambiente del Friuli Venezia Giulia - ARPA FVG, OGS Istituto Nazionale di Oceanografia e di Geofisica Sperimentale and other experts. According to ESOF press office 2500 people were registered of this more than 1000 people were involved on spot and 1400 people were involved online. 300 people participated in each event on line and did approximately 4300 virtual visits. The online communication and social network has been rated with the Facebook page of ESOF2020 for more

than a million people, with 26,000 interactions. There are 200,000 interactions on Twitter and 237,000 visits to the web site.







UNIUD stand and representatives attending meeting and workshops on the topics of wastewater and the sea.





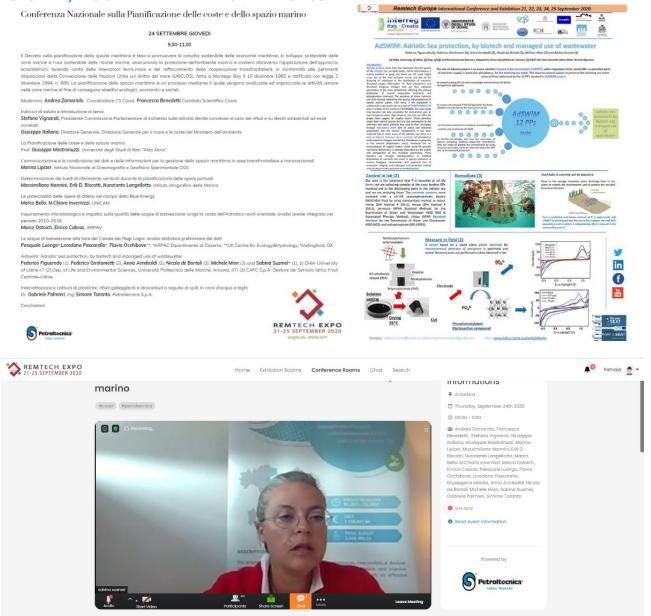




CAFC; OGS, UNIUD; MUNICIPALITY OF UDINE representatives during workshops as speakers and as participants.



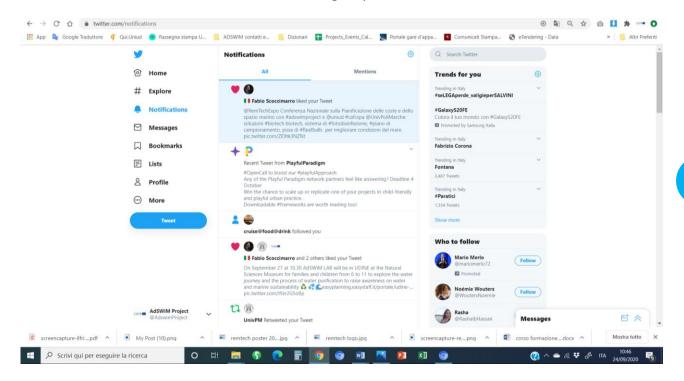
PPO UNIVERSITY OF UDINE, PP1 MUNICIPALITY OF UDINE, PP3 CAFC, PP4 POLITECHNIC UNIVERSITY OF MARCHE, PP5 INSTITUTE OF CRYSTALLOGRAPHY NATIONAL RESEARCH COUNCIL, PP6 MUNICIPALITY OF PESCARA, PP8 IZVOR PLOČE, PUBLIC INSTITUTION FOR PUBLIC UTILITIES CROATIA, PP9 SPLIT WATER AND SEWERAGE COMPANY LTD



On **September 24th, 2020** AdSwiM presented its activities at the National Conference on Coastal and Marine Space Planning (Conferenza Nazionale sulla Pianificazione delle coste e dello spazio marino) with Adswim researchers and technicians from Università degli Studi di Udine, Univpm Università Politecnica delle Marche, Dipartimento di Scienze della Vita e dell'Ambiente - Univpm and Cafcspa and RemTech Expo2020 digital edition. 44 people attended this Conference. The conference had 10.000 online visitors. On July 17, 2020 the partners submitted also an ad hoc poster elaborated for the occasion, that was presented during the Fair.

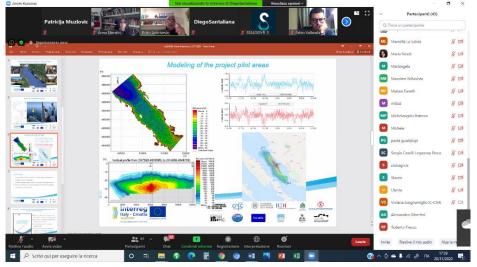


The councilor of the Environment of the FVG Region presented our work on twitter.:



PP6 MUNICIPALITY OF PESCARA, PP11 FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESYUNIVERSITY OF SPLIT, PP0 University of Udine, PP1 Municipality of UDINE, PP8 IZVOR PLOČE, PUBLIC INSTITUTION FOR PUBLIC UTILITIES CROATIA, PP9 SPLIT WATER AND SEWERAGE COMPANY LTD

Sealogy event had several workshop and conferences – it was held locally in Italy, but it is considered and international event. One of the events, held on November, 20, 2020 was entitled SEALOGY - TRAINING ATELIER: Water management in the Port areas, bathing waters and marinas.



The European Exhibition on Blue Economy in collaboration with ECOMAP project - INTERREG Italy-Croatia Program. Comune di Pescara and University of Split presented the project AdSWiM. 5520 persons globally attended





the SEALOGY event. 45 people max attended the conference. All other partners participated in the event.

PP9 SPLIT WATER AND SEWERAGE COMPANY LTD

On September 24,2020 Vodovod i kanalizacija Split (Split Water and Sewerage Company), one of

our project partners, within the boDEREC-CE project, organized a national workshop co-financed from the INTERREG Central Transnational Europe Cooperation Programme 2014-2020. The workshop hosted representatives of the wateroriented institutions in Solin (Split). During the workshop introduction, the AdSWiM project was briefly presented to the

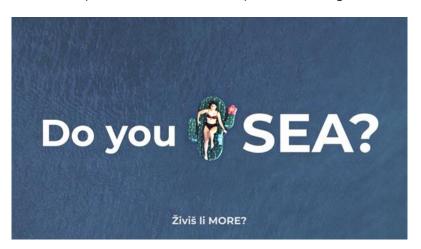


participants. They discussed on waterworks needs and possible benefits resulting from the projects' implementation. Our project is dealing with innovative technologies to improve the depuration plants and treated urban wastewater management and the quality of the Adriatic Sea, whereas the boDEREC-CE project is involved in monitoring and removal of Pollution from pharmaceuticals and personal care products (PPCPs) in water. Everything is connected so this is a good example of Interreg projects overlapping and collaboration that are related to a common territory. participants.



PP11 FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESYUNIVERSITY OF SPLIT

November 26,2020. ₹FGAG - Fakultet građevinarstva, arhitekture i geodezije u Splitu participated in marking the #European Researchers'Night under the coordination of the Sveučilište u Splitu -University of Split, University of Split. They have prepared a short zoom workshop for students of the Grammar School for Sustainable Development - School of Design, Graphics and Sustainable Construction in Split (Croatia). They have showcased the #adswimproject infographic video in english with croatian subtitles, presented up-to-date project activities and results and, primarily, acquainted the students with key areas/concepts of the project. A discussion with the students and a fun quiz have followed with promo and digital info material distribution



PP4 POLITECHNIC UNIVERSITY OF MARCHE



Ocean Hackathon® - 48 ore per decodificare il mare Maratona di 48 ore non-stop



Il mare cela tra le sue onde moltissime sfide e domande inisolte. Ocean Hackathon® uvole raccoglierle e affrontarie in una maratona di 48 ore non-stop, di di trovare soluzioni e risposte ai quesiti proposti, con il supporto di esperti del settore e con l'opportunità di usare dataset manin. Ecologia, scienza partecipata, educazione al mare, nautica, sport, sicurezza della navigazione, gestione delle risorse, inquinamento, turismo ecosostenibile, esempi del teni che chiunque può proporre in una sfidia, alia ricerca di un risultato o di una risposta. La sede di Ancona dell'Istituto per le risorse biologiche e le biotecnologie marine (Cnr-irbim), in collaborazione con l'Università Politecnica delle Marche, org

Registrazione e informazioni utili per la partecipazione

Per registrarsi è disponibile la pagina di iscrizione all'indirizzo: https://site.evenium.net/kcheb8zi/

ges sono visualizzabili alla pagina: https://www.campusmer.fr/files/3567/OH5 CatalogueOfChallenges 2020 09 10.pdf

to che spiega tutto il funzionamento dell'evento: https://docs.google.com/document/d/1k4sXJ4YLD-FutnodlgLXksOmKClHOBKsRVHH071zwB0/edit?usp=sharin

Programma inaugurale dell'evento: Inaugurazione Hackaton Ancona(528 KB)

Dove e quando

Dal 09/10/2020 ore 14.30 al 11/10/2020 ore 16.00



The young scientists of PP4, participated with the Adswim project in the international 48 hours Ocean Hackathon event from **October 9 -10, 2020.** They presented the PP4 work in the project to the public.

All PARTNERS

On **November 10, 2020** a social campaign was done in occasion of the World Science Day.



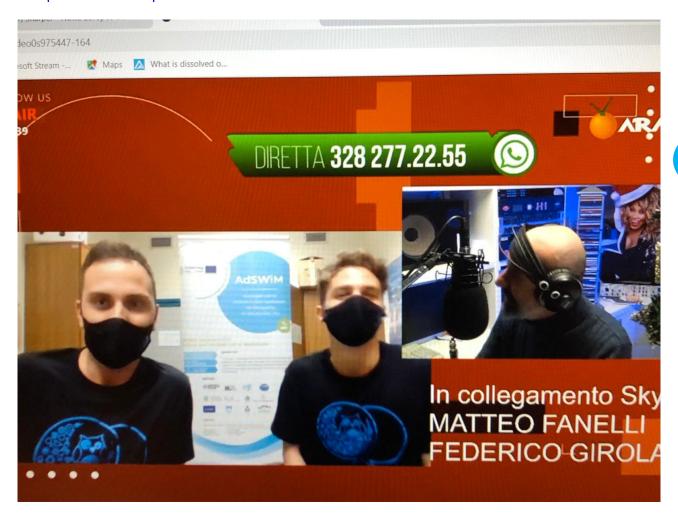
PP4 POLITECHNIC UNIVERSITY OF MARCHE

Several online events for the 2020 edition of the Sharpers' night –held on November 27, 2020.

The Univpm Università Politecnica delle Marche Dipartimento di Scienze della Vita e dell'Ambiente - Univpm #AdSWiM researchers #MatteoFanelli and Federico Girolametti were onair in the afternoon on Radio Arancia Television. Eight #songs that have made the history of music anticipated eight stories of research that see the Marche Polytechnic University as protagonist. Matteo (we have presented his #seasampling months ago) and Federico (we have presented his poster on Adswim as well). have chosen a theme song and they will briefly talk about the safeguarding of our sea and their "scientific vocation". Matteo and Federico Girolametti TraCE Lab ..from White Room used as a chemical laboratory, whose main feature is the presence of very pure air, i.e. very low content of micro particles of suspended dust that they use for the study of analysis of metals in the @Sea: these two researchers have found a perfect music match for the Sharper presentation: #EricClapton #WhiteRoom ...Beacuse #adswimproject is #rock! Sharper - Notte Europea dei Ricercatori



#ancona Radio Arancia TelevisionFrom 4 to 5 pm live also on: https://maratona.sharper-night.it/ Sharper - Notte Europea dei Ricercatori









Do you remember #Silviallluminati Environmental science researcher of Dipartimento di Scienze della Vita e dell'Ambiente - Univpm Adswim Univpm who held a training for teachers and a creative lab for schools on #waterdepuration and how to make water purifier in class to show how a DP works? Well, Silvia has participated in #SumoScience challenge during the Sharper - Notte Europea dei Ricercatori— Italian Researchers'Night. Sumo Science is a 5-round challenge with questions and answers. On the mat, two #researchers who work in different fields and they have to convince the students who participate about their science work!. And guess what? Silvia bet #DavideScaradozzi #Robotics engineering during their challenge! Sea and oceans against robotics. what a match!!

PR5

All partners: PP1 Municipality of UDINE carried the presentation with the communication agency

January 26. The annual ##5thEUSAIRForumBelgrade, organized by the outgoing Serbian presidency, will be held on 28-29 January 2021. A session dedicated to ETC projects is scheduled for 28th January 13:40-14:30 called "30 years of Interreg - Good practice cooperation projects in the EUSAIR thematic pillars". #Adswimproject has been identified as one of the relevant projects implemented by the #ItalyCroatiaCBCprogramme that has produced high quality video material, high level communication strategy and activities on different levels and that is at the same time in line with the EUSAIR pillars and with the flagships and will be presented at the Forum by the Italian delegation representative. Very proud for this achievement and looking



forward for new partnerships Università degli Studi di Udine Univpm Università Politecnica delle Marche Adswim Univpm Adswim Ic-Cnr Comune Di Udine Cambia Clima - Udine Zavod za javno zdravstvo Zadar FGAG - Fakultet građevinarstva, arhitekture i geodezije u Splitu Pescara Europa Ploce Vodovod i kanalizacija Split #cafcspa #metrispula OGS Istituto Nazionale di Oceanografia e di Geofisica SperimentaleFor more info and agenda https://www.adriatic-ionian.eu/.../5th-annual.../programme/



PPO UNIVERSITY OF UDINE, PP5 INSTITUTE OF CRYSTALLOGRAPHY NATIONAL RESEARCH COUNCIL

As part of the DESIR project (Depositions for ElectroSpray Ionization and biosensoRi), a project financed pursuant to the LR13 / 08 CALL FOR "RESEARCH GROUPS" by Lazio Innova, a online workshop "New technologies for sensors and biosensors @ Research Area of Rome 1 "was held on February, 25, 2021. IC CNR and Università degli Studi di Udine presented an abstract and their achievement on the development of innovative #biosensing solutions for the detection of pesticides, pathogens, and orthophosphates. The event also provided an opportunity to discuss the technologies developed, and evaluate possible applications / collaborations and market





opportunities together with innovative SMEs in the area and make a small contribution to building a more sustainable planet. The presentations will be interspersed with "Meet the speakers" sessions where participants can ask questions to the speakers.





Workshop "Nuove tecnologie per sensori e biosensori @ Area della Ricerca di Roma 1" Evento conclusivo progetto DESIR Bando "Progetti di Gruppi di Ricerca" 2017 Lazio Innova

Agenda	Speaker		Time
Welcome	L. Avaldi Project Coordinator		9:00-9:05
Opening	On. M. Smeriglio, Dr.G. Mancini, Prof. A. Di Carlo		9:05-9:30
DESIR Project:	Speakers L.Avaldi,		9:30-10:30
Principal results	P. Bolognesi, A.R. Casavola, A.		
	Cartoni, M Castrovilli		
Topic1: Diagnostica	PMI Microsis	R. Antoniucci	10:30-11.15
medicale	Progetto	M. Parracino	
	Sensocard		
	PMI Sens4Med	F. Arduini	
Time for discussion: Meet the speakers 10:45–11.15			
Topic2: Diagnostica	Progetto	V.Scognamiglio	11:15-12:00
ambientale	AD-SWIM		
	PMI Biosensor	G. Varani	
	Progetto BRIC	A. Maccagnano	
Time for discussion: Meet the speakers 12:00-12:15			
Topic2: Diagnostica	Progetto	D. Trucchi	12:15-13:00
ambientale	NMP-APACHE		
	Progetto	C. Bombelli	
	AQUALITY		
	Progetto	G. Ciotoli	
	Life-RESPIRE		
Time for discussion: Meet the speakers 13:00-13:15			
Conclusive remarks 13:15-13:30			

Partecipa all'evento da computer-tablet- smartphone:

https://global.gotomeeting.com/join/527846589

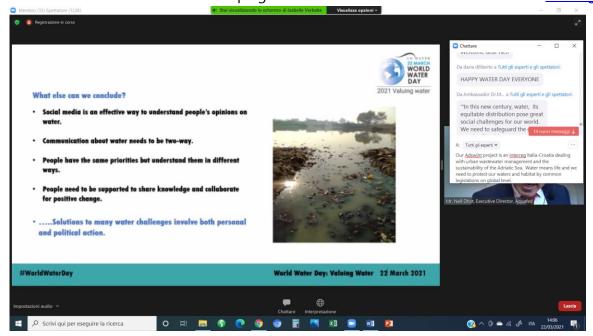
Accedi tramite telefono: +39 0 230 57 81 42 Codice accesso: 527-846-589





PP3 CAFC, PP9 SPLIT WATER AND SEWERAGE COMPANY LTD, PP11 FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESYUNIVERSITY OF SPLIT, UNIVERSITY OF UDINE, PP1 MUNICIPALITY OF UDINE, PP4 POLITECHNIC UNIVERSITY OF MARCHE and all partners as participants

On March 22, 2021 we celebrated the International Water Day "Water means life" and for our <u>#Adswimproject</u> network means also keeping our seas clean by improving <u>#wastewatermanagement</u> thanks to innovative sustainable technologies and by finding and adopting common legislative and administrative guidelines a shared water safety plan between countries. All partners joined in and celebration <u>#worldwaterday2021</u> with several activities to celebrate the day: we participated in the international UE Campaign and to the UE webinar 2021 Valuing water.





Most partners were involved in the school labs and in the didactic module

program and a special lesson was done for the Day online from the labs of the PP4. A social campaign was done with the participations





of local administrative stakeholders, here PP1 Municipality of Udine councilor:



CWC project partners Vodovod i kanalizacija d.o.o. Split and Public Institution RERA S.D. jointly celebrated World Water Day 2021 with the aim of advocating for the importance of this valuable resource and raising awareness of sustainable development. A public consultation workshop was held at the Faculty of Civil Engineering, Architecture and Geodesy to inform students about this topic and instruct them on what they can do to better protect this vital resource. Assistant Professor dr.sc. Ivo Andrić presented the CWC project and the results of the pilot action "Smart measurement of water consumption in real time", installed at the Faculty of Civil Engineering, Architecture and Geodesy in Split. After the presentation, students solved the quiz via a QR code with questions about water efficiency, gray water and rainwater. PP9 also launched on line their 15 min guided tour to DP Stupe video.

Many partners participated on the online event on LINKED on wastewater management.

A joint press release was done in all three languages and is on the project website.

All partners

All partners organized and participated the World Health Day on April,7, 2021 with a common social campaign.

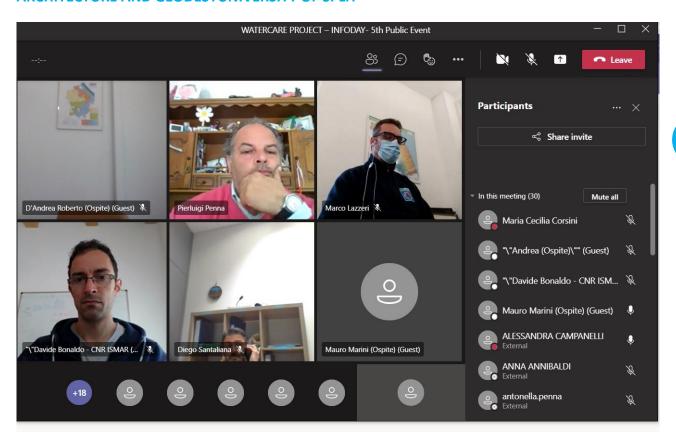








PPO University of Udine, PP1 Municipality of Udine; PP6 MUNICIPALITY OF PESCARA, , PP10 Metris; PP4 POLITECHNIC UNIVERSITY OF MARCHE, PP11 FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND GEODESYUNIVERSITY OF SPLIT



Info-day WATERCARE project: 5th public event April 14th, 2021.

PPO University of UDINE and PP3 CAFC

22 April 2021 > Two men, a woman and a boat on Adriatic! This could be our today's title to celebrate the #EarthDay. Adswim partners from CAFCltd. and project manager of Università degli Studi di Udine have been busy today with the laying of reef balls along the coast near #LignanoSabbiadoro (#Italy) next to the Depuration Plant. The theme for #EarthDay2021 is "Restore Our Earth", which focuses on natural processes, emerging green technologies, and innovative thinking that can restore the world's ecosystems. In this way, the theme rejects the notion that mitigation or adaptation are the only ways to address climate change. Today's CAFC activity is part of the Adswim interventions in order to improve the sustainability of the #Adriatic and the coastal areas and is an innovative way to restore Adriatic ecosystem. A ReefBall allows to counter the voracity of the sea through an eco-friendly solution and it is an artificial fish restocking barrier.

1737 persons reached on FB!

WEB ARTICLE



PP1 Municipality of Udine

May, 6th 2021: "Comunicare Interreg" event organized by the Italian Agency for Territorial Cohesion and the Puglia Region, as a good practice of the Italy-Croatia interreg program in line with "#Europe closer to citizens" with our activities that protect and improve the urban environment, educate and inform citizens, in order to achieve local and global #sustainability.

<u>Patricija Muzlovic presented the Adswim Communication work.</u> Almost 500 people saw the event online on youtube.





ALL partners

To celebrate the <u>WorldOceansDay</u>, on June, 8, 2021 a social campaign was done promoting a special appointment online at 16.30 for teachers and pupils of the elementary schools, thanks to the researchers and professionals that held online the Adswim training module for teachers from January till April, 2021. This webinar was the final event of the training module, developed through 8 online lessons and workshops thanks to all Adswim partners that were involved with the module. More than 51 teachers and 500 pupils have been involved in the module. During the event the teachers, who participated in the training programme, will have the possibility to present their lab work realised in classes with pupils during the period from April till June. Most of them have in fact created an infographic, a didactic tool that can be easily used in class and that is suitable for visual learning.

WEB ARTICLE

37



PP9 METRIS

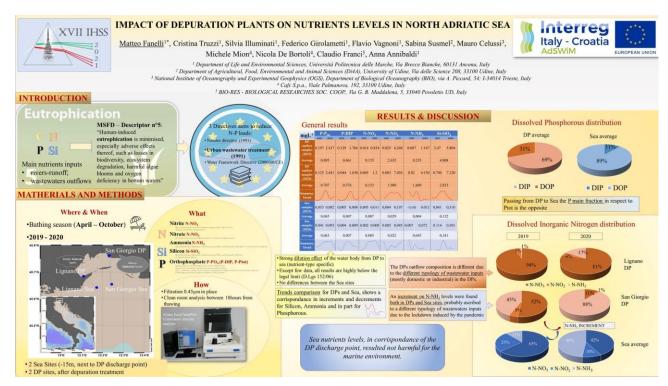
The partner presented the AdSWiM project during the international Asteris final event on **June 11**, **2021**.



PP4 POLITECHNIC UNIVERSITY OF MARCHE

June18, 2021. The 17th Italian-Hungarian Symposium on <u>#Spectrochemistry</u> was held in Torino, Italy. Univpm Università Politecnica delle Marche has actively participated through the presentation of various scientific contributions on the topic of <u>#environment</u> and <u>#pollution</u> Two posters in collaboration with the adswim partners Università degli Studi di Udine Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS and <u>#CAFC</u> were realised presenting the last results on <u>#eutrophication</u> and dissolved potentially toxic elements in relation to the DPs outflows in the Northern Adriatic.



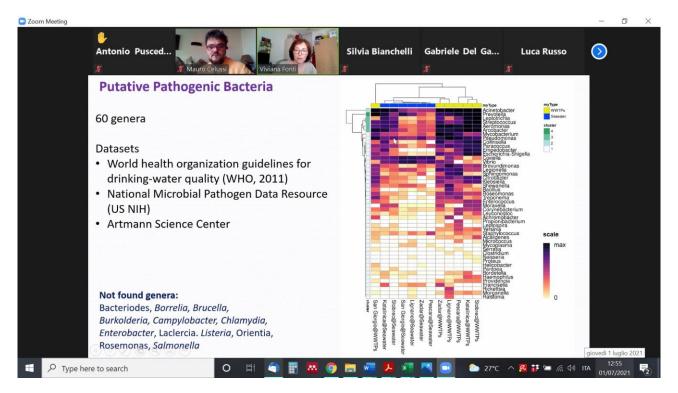






PP3 OGS

July 1. Our partner's, the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS researcher Mauro Celussi, moderated today the session entitled "New prospects in integrated #marine #ecology: from #biodiversity to ecosystem services" at the 25th #AIOLCongress that takes place online between 30 June and 2 July 2021. He also presented the research entitled "Microbial #pollution and antimicrobial resistance associated with urban wastewaters treatment plants in the #AdriaticSea" as part of the Adswim project results with Viviana Fonti, Andrea Di Cesare, Paola Del Negro. The AIOL Congress has represented for almost 50 years a unique opportunity for debate and interdisciplinary discussion on topics concerning the oceanographic sciences e limnological. Well done, Mauro!



PR6

PP3 CAFC

July 8. 2021: To celebrate the International Day of the Mediterranean Sea , the Adswim's project presents the complete video with the partners' interviews and the reef balls placement done next to the Lignano coast in Italy. The reef balls placement was one of the project objective to help to protect the sea environment that is physiologically quite arid, as the seabed of our coasts are sandy and due to the coastal erosion, the sea habitat and marine ecosystem are in danger.



The reef balls placement was completed on June 8, on the International Ocean's day, thanks to the collaboration with Reef Ball Italia, when also the video's teaser was put on our YouTube channel. One month later, the celebration of the Mediterranean Sea, it seems to us a good opportunity to present and to show for the first time the complete video realised by #CAFC from #Udine, Università degli Studi di Udine and Comune Di Udine (Municipality of Udine) and in this way raise awareness of the health of the Mare Nostrum and the dangers that threaten it. #DoyouSea? Because the #sea matters.





PPO University of Udine and PP4 UNIVPM

July, 13, 2021. New scientific contribution from our partners Università degli Studi di Udine and Univpm Università Politecnica delle Marche TraCE Lab related to the technological innovations and #wasterwater management. Great **STEM** adswim women, keep going! #electrochemical #sensors Q, Q, Q,

Bioanalitica 2021 | Electrochemical Sensors

POM/PMO-decorated Plastic Electrode for the Sensitive Detection of Phosphate in Oligotrophic Seawaters

Sondes Ben Aissa, Anna Annibaldi, Sabina Susmel.

Online Conference | 13 July 2021

www.italy-croatia.eu/adswim



#giornatabioanalitica2021

conference: Bioanalytical chemistry for wellbeing: environment, health and nutrition.







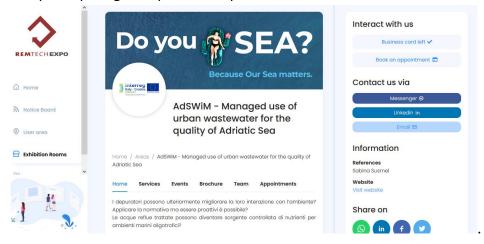
PP5 - IC CNR

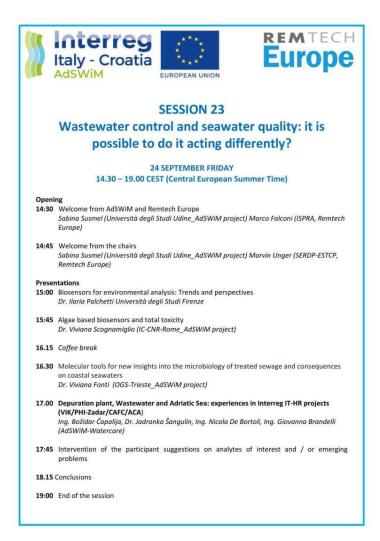
July 27. <u>Dr. Viviana Scognamiglio, PhD</u> from our Italian partner IC -CNR- <u>Institute of Crystallography, National Research Council – CNR</u> (PP5) presented the Adswim research work and project partial results during the International Biosensors Conference 2021.



ALL PARTNERS

September 24, 2021.: Adswimproject was present on RemTech Expo Ferrara Fiere by organising and participating in a special European conference on wastewater and with a virtual stand/room.







PP1 MUNICIPALITY of UDINE and PP7 INSTITUTE OF PUBLIC HEALTH ZADAR CROATIA





September 23. <u>Project Watercare</u> joint event with <u>Comune Di Udine</u> and <u>Zavod za javno zdravstvo Zadar</u> as Adswim representative that presented the project results.



PP 4- UNIVPM (check also local events and lab) This is a shared event.

Sharper's night with the researchers of Polytechnic University of Marche in Ancona on September 24, 2021 in Ancona. They organised a **demonstration laboratory on the functioning of a Depuration Plant (DP)** and on the depuration process of the wastewater to the general public. The proposed activity aimed to enhance the importance of the sea as a source of resources and biodiversity. In particular, attention is focused on anthropogenic pollution and on the importance of an efficient purification system for all those urban or industrial discharges that have the sea as their last recipient. A lot of curious citizens, family with children gathered around the Adswim stand and they were satisfied to participate to the lab and received the educational AdSWiM kits (bags, leaflets, pencils).



PP9 - VIK Split Water and Sewerage (check also local events and lab)

Our Project AdSWiM was presented at a National policy roundtable which gathered 22 key stakeholders that are co-creating the legal and policy framework in Croatia. The roundtable was organized on Thursday, 7th of October 2021 at the Dioklecijan Hotel & Residence, Split by PP9 (Split Water and Sewerage Ltd.) within Project City Water Circles - CWC (co-financed through the Transnational cooperation program INTERREG Central Europe 2014.-2020.),



Boris Bulović, Project Manager of Vodovoda i kanalizacije d.o.o. Split provided participants with interesting information about the AdSWiM project, its main objectives, and results. The main goal of the CWC roundtable was to develop a dialogue regarding the country's national frameworks and the developed national level policy recommendations. Moreover, a creative debate and brainstorming session was encouraged in order to underline the key data and stimulate further sustainable development. More about Adswim: https://lnkd.in/dpzVnyQy



All partners

October 11, 2021. <u>#internationalgirlday</u>. "<u>#Girls</u> are leaders. Girls are <u>#changemakers2021</u>. Girls are driving good and growth around the world. They are a fundamental source of transformational change for gender equality, and technology is a crucial tool to support their work, activism and leadership." The Adswim project foresees the engagement of staff complying with the gender equality and all our activities, in particular education activities are based on the horizontal principles. We are supporting equal access to the internet and digital devices for girls' and targeted investments to facilitate opportunities for girls' to safely and meaningfully access, use, lead and design technology. The Adswim Team: <u>Università degli Studi di Udine</u>, <u>COMUNE DI UDINE</u>, <u>Università</u>



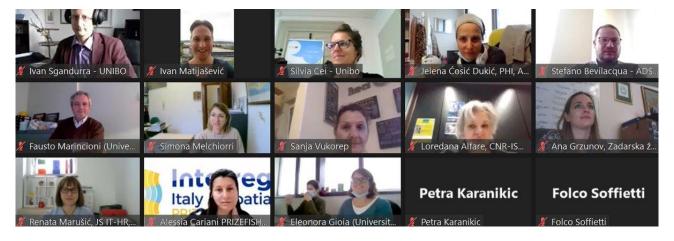
Politecnica delle Marche, Ic-Cnr Consiglio Nazionale delle Ricerche, Comune Di Pescar



<u>a</u>, Zavod za javno zdravstvo Zadar, <u>Vodovod i kanalizacija Split</u>, <u>IZVOR PLOČE doo, CAFC S.p.A.</u>, <u>Istarsko Veleučilište - Università Istriana di scienze applicate</u>, FGAG - Fakultet građevinarstva, arhitekture i geodezije u Splitu, <u>OGS #interreq #italy #croatia</u>.

PP8 IZVOR PLOČE

On November 9, 2021, a joint workshop of TSG3 and TSG1 was organised with the focus on the state of the art and further enhancement and recognition of marine protected areas (MPA) and spatial planning at sea and river basins in EUSAIR region. The speakers (Albania - Josip Njavro, Bosna and Herzegovina & Croatia - Christina Pavloudi, Hellenic Centre for Marine Research, Greece - Francesco Musco, IUAV University of Venice, Italy - Ivana Stojanović, Directorate for Integrated Management of Marine and Terrestrial Ecosystems, Montenegro - Nataša Bratina, Ministry of Spatial Panning, Slovenia) presented good practices





and analysis already done in EUSAIR area and that was further reinforced with the analysis of the legal basis in establishing MPA's.

PP4 UNIVPM

The Adswim Project, EU Interreg Italy Croatia funded project, that counteracts marine <u>#water</u> pollution improving the quality of the <u>#sea</u> and coastal waters with innovative technologies in quality monitoring, treatment, and management of urban wastewater will be present at Sealogy, The European <u>#BlueEconomy</u> Exhibition 2021 thanks to the partner Univpm Università Politecnica delle Marche Adswim Univpm, Polytechnic University of Marche (UNIVPM - DISVA).



OLOGIA MARINA



PP9 - VIK Split Water and Sewerage (check also local events and lab)

Our Project AdSWiM was presented at the 5th Stakeholder Group meeting which gathered various key stakeholders and external experts working on the Project. The meeting was organized within the Project City Water Circles - CWC (co-financed through the Transnational cooperation program INTERREG Central Europe 2014.-2020.) by Split Water and Sewerage Ltd., one of the Croatian AdSWiM Partners (PP9) that held the meeting in blended edition. The participants were provided with interesting information about the Project AdSWiM, its main objectives, and results. The main goal of the CWC Stakeholder Group meeting was to develop a dialogue regarding water efficiency and reuse, as well as showcasing the pilot project results and future actions. Moreover, a creative debate and brainstorming session with a panel of experts was encouraged in order to underline the key data and stimulate further sustainable development.

Split Water and Sewerage Company Ltd. (VIK Split) provides water supply and waste water treatment services to Split-Solin and Kaštela-Trogir conurbations and covers the area of four cities and nine municipalities in Split-Dalmatia County. VIK as project partner N°9 (PP9) is involved in the ongoing project management, communication and dissemination activities, as well as study of seawater quality in cooperation with Faculty of Civil Engineering, Architecture, and Geodesy of University of Split (PP11).

