State of the art

AdSWiM project | WP2 | Municipality of Udine

Steering Committee Meeting | online | 16/12/2020
Activities in WP2: One campaign – 3 targets

- November 10 2019 > Science Day and Development with «woman on cactus»
- June 5 2020 > Environmental Day and press release with «man on cactus»
- September 27 > World Tourism Day/ Climate and Environmental Day
Activities in WP2: what have been done from June 2020

June 2020 > TSHIRTS
August 2020 > FreeSbee
September 2020 > New roll up
Activities in WP2: One campaign – flyer and leaflet revision

Each partner ITA/CRO/EN
Activities in WP2: what has been done from July 2020

Guided study visits

July 2020 > Virtual guided study visit for UniUD students to San Giorgio di Nogaro WW treatment plant
Activities in WP2: what has been done from July 2020

Guided study visits

November 2020 > Guided study visit for expert in Stupe WW treatment plant in Split
The leaflet for the guided visit to the depuration plant, personalised for CAFC, Pescara, UNIVPM in Italian version was developed. Leaflets have been personalized for VIK and Izvor Ploče as well during this semester (we are waiting for text in CRO) to complete!
The leaflet for the laboratories for children and schools, Leaflets have been personalized for UNIUD, UNIVPM; work in progress for PESCARA and Izvor Ploče
The poster for the laboratories for children and schools: A new personalised poster for labs for citizens and families has been developed for UniUD and Municipality of Udine in September 2020.
The poster for the laboratories for children and schools new instructions for the labs for citizens and families has been developed for UniUD and Municipality of Udine and special post and banners have been created.

LABORATORIO AdSWiM: costruiamo un MINIDEPURATORE

MATERIALI: CHE COSA CI SERVE
1. Ustensile con il fondo flessibile
2. Carta da filtro
3. Piatto a punta tonda
4. Pietra di grana
5. Vaso
6. Contenitore trasparente
7. Solfato e argilla
8. Una bottiglia di plastica grande capiente e morbida riempita d’acqua

QUANTI TIPI DI ACQUA SPORCA CONOSCI O TI VENGONO IN MENTE?

PROCEDIMENTO: E ORA MINIDEPURIAMO!
1. Prepara l’acqua sporca e aggiungi i rifiuti e ciò che preferisci.
2. Il vasetto-depuratore ha dei fori sul fondo... versa l’acqua sporca. Lo “sporco” si ferma?
3. Aiutiamo il vasetto-depuratore! Aggiungi qualche piazzetta di sabbia... si forma lo sporco o fai colpo più sporco?
5. Di nuovo, verso l’acqua sporca nel vasetto-depuratore... Osserva e rifletti.

NOI POSSIAMO AIUTARE IL DEPURATORE A LAVORARE MEGLIO?
Come? Perché forti? E utile anche per noi?

NON C’È SOLO SPORCO!
Ci sono anche sostanze molto piccole, anche di natura organica: NUTRIENTI (carbo- nio, fosforo, azoto), che i microorganismi, le alghe, le piante acquatiche o i pesci riescono ad utilizzare per crescere e popolare i nostri mari. Ma se i nutrienti sono troppo... Tutti fanno indigestione...

AdSWiM IL VIAGGIO DELLE ACQUE DAL DEPURATORE AL MARE
Laboratorio didattico per bambini dai 6 ai 11 anni

Domenica 27 Settembre 2020
MUSEO FRIULANO DI STORIA NATURALE
Parco Es-Mondo comunale - Via Sabbadini, 2702 - Udine
Inizio ore 10:30 (apertura cancelli ore 10:00)
Durata 90 minuti
Ingresso massimo: 14 bambini
È compreso tra 6 e 11 anni

L’attività è prevista all’interno del progetto europeo AdSWiM: uso gestione delle acque depurate per la qualità del mare Adriatico.

Per informazioni: ambiente@studi.univud.it - n° tel. 0432/882945
Per raggiungere gli autori, scrivere in ombre di tutti i mezzi seguiti da leggere e ordinare all’ente.
The poster for the laboratories for children and schools A new personalised poster for schools for Metris labs has been created for the Festival Znanosti in October 2020 and for 2021 activities.
Activities in WP2: what has been done from July 2020

Local workshops

July 2020 > ORIENTA, the orientation day online of the Polytechnic University of Marche with 30 participants of the Bachelor’s Degree in Environmental Sciences and Civil Protection.
Activities in WP2: what has been done from July 2020

Local workshops

**September 2020** > Vodovod i kanalizacija Split, within the boDEREC-CE project, organized a national workshop co-financed from the INTERREG Central Europe Transnational Cooperation Programme 2014-2020, September 24, Split.
Activities in WP2: what has been done from July 2020

Local workshops

**November 2020** > Online workshop on innovative technologies in water depuration VIK + Izvor Ploče
Activities in WP2: what has been done from July 2020

Local workshops – local event

October 2020 > Università Politecnica delle Marche, Dipartimento di Scienze della Vita e dell'Ambiente, set up the PhD week in which PhD students show their research work by displaying the summary posters of their projects to the students of the University and they present their work orally in order to pass to the next year of the course.

Phd student Federico Girolametti elaborated his poster on the adswimproject themes.

The Adswim researchers and experts in statistical analysis are contributing to our project identifying multiple environmental stressors, affecting the variability of the Adriatic Sea ecosystem.
Activities in WP2: what has been done from July 2020

International Local workshops – online event

October 2020 > From 9 to 11 October the Ancona branch of the Institute for Biological Resources and Marine Biotechnologies (Cnr-Irbim) and the Polytechnic University of Marche organized the fifth edition of the Ocean Hackathon for Italy, a digital marathon 48-hour non stop activity during which teams with participants from all over the world will face different challenges on the theme of the sea. The event took place digitally and free of charge. Matteo Fanelli and Federico Girolametti anticipated with a challenge on topics “algal bloom eutrophication” closed to AdsWIM.
Activities in WP2: what has been done from July 2020

Local workshops – International event – students and pupils

**November 2020** > Online workshop with students in the framework of European Researchers’ Night FGAG-Split.

The First iconographic video has been enriched with Croatian subtitles and presented during the lessons.
Activities in WP2: what has been done from July 2020

Local workshops – International event – students and pupils

**November 2020 > Online workshops with students UNIPM for European Researchers’ night - Sharper night Ancona – Sumo Science with Silvia Illuminati**
Activities in WP2: what has been done from July 2020

Local workshops – International event – students and pupils

**November 2020** > Online workshops with students UNIPM for European Researchers’ night - Sharper night **TraCE Lab** researchers Matteo Fanelli and Federico Girolametti on air on **#RadioArancia** talking about marine pollution, purification plants and monitoring of industrial emissions! Don’t miss their sea songs that predicted their research work! (White room).

Thanks to Anna Annibaldi and young fellows, great work on air with **Radio Arancia Television**.
Activities in WP2: what has been done from July 2020

Local workshops – International event – students and pupils

Didactic training modules for teachers

November 2020 > Ing Michele Mion of #CAFCspa and researcher Sabina Susmel of Università degli Studi di Udine held a joint lesson for the students of the Environmental Management course of the University of Udine. The course of professor #MarioScalet, addresses the environmental issues arising from the anthropic impact by deepening the main technologies / methodologies available for responsible management of the natural, social and productive #environment, also with the organization of technical visits and with the involvement in teaching of external experts, entrepreneurs and officials of entities interested in environmental management. The technological innovations developed and implemented during the #ADSWIMproject thus become a case study related to the environmental management and improvement of depuration plant management thanks to interregional #Europeanfunds.
Activities in WP2: what has been done from July 2020

Didactic training modules for teachers

September 2020 > Silvia Illuminati from Univpm Università Politecnica delle Marche Dipartimento di Scienze della Vita e dell'Ambiente – Univpm held a webinar based on participatory teaching. Main theme: The oceans and seas of the world – their temperature, their chemical composition, their currents and their life - influence the global systems that make the Earth habitable.
Activities in WP2: what has been done from July 2020

Didactic training modules for teachers

Due to Covid19 emergency, this activity has been completely re-organized

A package of 8 online trainings modules and didactic workshops for pupils have been prepared. The adopted language is Italian.

The trainings will be held from January to June 2021.

As the activity is online, we can reach a larger audience: schools in Udine, Ancona, Fano, Pescara and Croatian Italian schools in Istria Region

- Italian versions can be found on drive intranet
- English version can be found on drive intranet
Activities in WP2: what has been done from July 2020

Didactic workshops for pupils

August 2020 > labs for 40 children carried out by Univpm Università Politecnica delle Marche Dipartimento di Scienze della Vita e dell'Ambiente – Univpm (one week summer camp)
Activities in WP2: what has been done from July 2020

Didactic workshops for pupils

**September 2020** > labs for 20 children at Museo Friulano di Storia Naturale (Udine) carried out by UniUD, CAFC and Comune di Udine
Activities in WP2: what has been done from July 2020

International events

July 8 2020 > Participation to the *International Mediterranean Day* and to Interreg Italia Croatia social appeal with a joint poster and social campaign - *Which is the colour of your Sea?*
Activities in WP2: what has been done from July 2020

International events

**September 2020** > Participation to **European Science Open Forum ESOF 2020** in Trieste Università degli Studi di Udine stand in Hall 28 and the round table debate 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.
Activities in WP2: what has been done from July 2020

**International events**

- **September 2020**: Participation to Remtech National Conference on Coastal and Marine Space Planning
Activities in WP2: what has been done from July 2020

International events

**November 2020** > Participation to **SEALOGY - TRAINING ATELIER**: Water management in the Port areas, bathing waters and marinas. 16:00 – 18:00 Platform SEALOGY® online -The European Exhibition on Blue Economy in collaboration with ECOMAP project - INTERREG Italy-Croatia Program.
Activities in WP2: what has been done from July 2020

Publications – study

July 2020 > The OGS Study “Coronavirus in the sea. What do we now about it? (ADSWIM funds).
Activities in WP2: what has been done from July 2020

Publications – University thesis

July 2020 > The UNIVPM student Matteo Fanelli and his University diploma work on Adswim project
Activities in WP2: what has been done from July 2020

Publications

July 2020 > The AdSWiM project, is one of the protagonists of the Platinum Magazine “Aziende & Protagonisti” (Companies & Protagonists), attached to IlSole24Ore in July (page 135).
Activities in WP2: what has been done from July 2020

Publications

August 2020 > (VIK Split), that is involved in the process of new guidelines recommendations for the territory and sharing experience and learning, published an educational colouring book for kids "Čisto more (Clean Sea)" distributed in 35,000 copies with "Slobodna Dalmacija" Croatian magazine on August 13.
Activities in WP2: what has been done from July 2020

Publications

November 2020 > Adswim work is presented on Abruzzo Economia, a prestigious bimonthly magazine that presents the excellency of the #Abruzzo region economy and finance sectors, dedicated to managers, professionals, companies and institutions.
Activities in WP2: what has been done from July 2020

Publications


* Their work is supported also by AdSWIM Interreg Project Italy-Croatia 2019/2020/2021.
Activities in WP2: what has been done from July 2020

SOCIAL MEDIA ACTIVITIES

Facebook with 3 profiles:

- **Adswimproject** (119 followers)
- **Adswim Univpm** (83 followers)
- **Adwim IC-CNR** (90 followers)

Twitter: **AdswimProject** (84 followers)

Linkedin: **Adswimproject** (522 members)

Youtube: **Adswimproject**

Web: [https://www.italy-croatia.eu/web/adswim/admin-login](https://www.italy-croatia.eu/web/adswim/admin-login)

E-mail: adswimcommunication@gmail.com
Activities in WP2: what has been done from July 2020

Linkedin profile with 522 active members – experts and media!
Activities in WP2: what has been done from July 2020

Social Media Activities

**Adswimproject** 70 POSTS

**Adswim Univpm** 23 POSTS

**Adwim IC-CNR** 25 POSTS

Twitter: AdswimProject

47 tweet and 34 retweets

Linkedin: Adswimproject 53 posts
Activities in WP2: what are we planning to do in 2021

KEEP PROMOTING OUR AWARENESS CAMPAIGN

One shared awareness campaign “Do you Sea?” and it’s claim “The Sea is One, its care Belongs to Everybody” embraces all our initiatives, events, workshops and trainings gathered in our editorial shared plan, based on International Days that celebrates water, sea, research, health and issues of the Agenda 2030 that are related to our work and includes all media channels and different supporting materials and gadgets.

The campaign has been developed using 3 main images - a woman on sea mattress, a man on the sea mattress and kids on the sea mattress in order to involved all target groups. Till now we have produced two main campaign images: “woman” (used from November till May), man that will be used from June till September and “Kids” that will be used from September to December 2020. In 2021, we will return back to the “woman” campaign.
Activities in WP2: what are we planning to do by the end of 2020

A STRATEGY UPDATE by December 2020:
a calendar of events and international days that will be focused on the quality and protection of the environment, topics of great importance for 2021:

- on **March 22** we will celebrate an important anniversary - the 28th anniversary of **World Water Day** which will focus on the theme of «valorisation of water as a resource ».
- On **22 April** we will have an appointment with the 51st anniversary of **World Earth Day** to emphasize the need for the conservation of natural resources.
- On **June 8**, our "blue lungs" will be celebrated around the world, with **World Seas and Oceans Day**.
- In **September**, however, there will be the international event dedicated to **Water Monitoring (18)** and climate change with the Global Climate Action Day (25).
- Finally, on **October 26** there will be the celebration of the 76th anniversary of the United Nations which will remind us of the commitments made in 2015 with the 17 goals and with the 2030 Agenda for Sustainable Development.
Activities in WP2: communication plan for 2021

PARTNERS ENGAGEMENT and SUPPORT:

- **PARTICIPATE**: in general, optimize the dissemination and promotion of what has been done and strengthen the activities via social media, web with participatory activities WP 2.3

- **COMPLETE**: complete WP 2.4 activities (lab, visits and didactic module) and WP 2.2 activities (articles)

- **SUMMARIZE**: Complete WP 2.2 brochure and infographic video 2

- **CELEBRATE**: Prepare for the final conference!
PARTNERS ENGAGEMENT and SUPPORT:

PARTICIPATE: in general, optimize the dissemination and promotion of what has been done and strengthen the activities via social media, web with participatory activities WP 2.3

Active participation on social media
We will prepare a campaign “Put a LIKE to Adswim FB posts and Tweets and invite your social friends to LIKE and follow Adswim social pages”.

Organization of an active involvement of PP partners in social media activities.
A annual calendar of social activities for each PP will be prepared in order to have a news published every two weeks. On two weeks rotation basis, PPs will take care of the contents of the social activity (photo + max 300 characters text).
Each PP will send the contents to PP2 in order to publish them on social media.
Activities in WP2: communication plan for 2021

PARTNERS ENGAGEMENT and SUPPORT:

**COMPLETE:** complete WP 2.4 activities (lab, visits and didactic module)

From JANUARY till 8 JUNE 2021:

**DIDACTIC MODULE FOR TEACHERS IN ITALY** and in Croatian schools with Italian language

From May/June on:

**LABS for schools** need to be scheduled (UniUD, Municipalities of UDINE and Pescara, UNIVPM, Metris) - in presence or on line. New labs in schools in Croatia with other partners?

**VISIT to coastal and measurements points on the sea:** A new project with UNIVPM “Un mare di buoni motivi (a sea of good reasons) in collaboration with the "Williams Syndrome Parents Association", with the participation of the G. Vivani Fanese Nautical Club. ([https://www.marinadeicesari.it/vivere-mare-combattere-sindrome-williams/](https://www.marinadeicesari.it/vivere-mare-combattere-sindrome-williams/))

**VISITS to DP with CAFC and VIK** – in presence or online.
Activities in WP2: communication plan for 2021

PARTNERS ENGAGEMENT and SUPPORT:

COMPLETE: complete WP 2.4 activities (lab, visits and didactic module)

Platform NEXTGEN Adriatic Cooperation: New tools on our disposal with the collaboration of the Interreg Italy Croatia Programme:

EVENT FICHE – SMALL TALK with Watercare project and Argos strategic project (UNIUD, Public Health Institute of Zadar, UNIVPM in collaboration with IRBIM-CNR (Elisa Baldrighi), UNIST-FGAG, METRIS) – tbd

EVENT FICHE – SMALL TALK with experts Fatone and Coen – external expert for Comune di Udine, UNIST-FGAG The presentation of a comparative analysis between the Croatian and Italian integrated hydro-system from the legislative point of view matched with the innovative technical research in the field of WWT

EVENT FICHE – INTERVIEWS - 3 target group tailored interviews will be made with WWTP managers/municipal officers/involved stakeholder to present the plant to the target groups. The format could also foresee videos and/or motion graphic or dissemination documentation already prepared by PPs.
Activities in WP2: communication plan for 2021

PARTNERS ENGAGEMENT and SUPPORT:

**COMPLETE:** complete WP 2.4 activities (lab, visits and didactic module)

VIK VIDEO VISIT to DP – one study visit in form of an „interview“

CAFC VIDEO VISIT with interview – reef balls positioning
Activities in WP2: communication plan for 2021

PARTNERS ENGAGEMENT and SUPPORT:

COMPLETE: complete WP 2.2 activities (articles)

To PUBLISH an ARTICLE on a MAGAZINE for Croatian partners (i.e. HRVATSKO VODE publications)
Activities in WP2: communication plan for 2021

PARTNERS ENGAGEMENT and SUPPORT:

SUMMARIZE: Complete WP 2.2 brochure

Brochure in A5 format

The first draft of the BROCHURE templates in ITA has been produced.
Activities in WP2: communication plan for 2021

Complete WP 2.2 brochure

The brochure (A5 format) with front and back covers, approximately max 50/60 pages internal

Internal chapters:

1. **Project presentation (5 pages estimate)**
   - Introduction
   - General Situation
   - Mission (duration and budget)
   - Goals

2. **Project Partners (24 pages)**
   - Each partner’s presentation with involvement through testimonials’ short interviews

3. **Communication and events (12 pages)**
   - The important groups of events with photos and descriptions.

4. **Project results (14 pages)**
   - Summary of project results divided through common goals

5. **Annexes (5 pages)**
   - 3 versions - English, Italian and Croatian and we will take care of the graphic part and copy with the partners’ help. We will provide for English texts and English native speaker editing. We have arranged with Italian partners for Italian translation and editing and some of the Croatian partners have already provided for internal procurement for the Croatian translations.
Activities in WP2: communication plan for 2021

SUMMERISE: Partners’ Brochure work and help by the end of February

1. **Short presentation of your institute** (half page A4 text max 1200 characters with spaces)

2. **The activities you are directly involved in** (half page A4 text) (half page A4 text max 1200 characters with spaces)

3. **An interview with one of your representatives** (it can be your coordinator or also somebody else that will respond on 5 questions through which we will get to know your institution better and your results better). (3300 characters with spaces included)

   There will be different questions for each partner in order to have a project story.

   1) **You are the only partner that does not belong to the 3 types of groups of project partners: educational institutions, companies that deal with water purification and municipal administrations. How does your work relate to the project and to other partners work?**

   2) **How did you involve citizens in the "Do you Sea?" campaign and what is the main message you have tried to communicate to them?**

   3) **What is the result you are most proud of?**

   4) **Have you invested some funds in equipment and why?**

   5) **Possible future developments and new collaboration?**
Activities in WP2: communication plan for 2021

PARTNERS ENGAGEMENT and SUPPORT:

SUMMARIZE: Complete WP 2.2 infographic video nr. 2

NEW STORYBOARD ON DRIVE

WHAT DO WE NEED FROM THE PARTNERS? Numeric data!

5 significant numbers that each PP has reached with the work done (not just communication): e.g. 200 samples, 30 analyzes, 5 publications, 50 people at the meeting, 1 report. Etc ...
Activities in WP2: communication plan for 2021

**CELEBRATE**: Prepare for the final conference
Activities in WP2: TO DOs per PP to sum up

Printing to do per PP
- Flyers
- 1 rollup x event
- 1 poster

Events per PP
- Organization of "at least 1 workshop" at local/national level
- Participation at least 2 major events in the field
- 1 press release per event

Website
- Contribution to website contents
- PPs make a page within proper Institution website with following info:
  Title - description of the project - partners - overall budget

PP contribution to:
- 2 Articles/publications showcasing project outputs in journals or specialised magazines
  (1 at the end of 2019/ 1 at the end of project)
- 2 Infographic videos:
  One at the beginning + one at the end

Contribution per country to:
1 visitor programme (5 study visits) to include relevant locations of project (Depuration plant Udine, plant in Split, treated wastewater discharge points) and draft tailored visit tours:
2 visits for schools / 2 visits for citizens/ 1 visit for experts
Contacts

PP1

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