



**Potential and Validation
of Sustainable Natural & Advance Technologies
for Water & Wastewater Treatment,
Monitoring and Safe Water Reuse
in India**

Type of action: Research and Innovation action (RIA)

Project duration: 48 months (01.02.2019 – 31.01.2023)

Deliverable D8.3

Update on e-communication (2nd year)

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Responsible partner: 1- TTZ

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PU	Public	X
CO	Confidential, only for members of the consortium (including the Commission Services)	
CI	Classified, information as referred to in Commission Decision 2001/844/EC	



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Document change history

Version	Date	Author	Description
1.0	18.01.2021	TTZ	1 st version with input from SIU, BIOAZUL, BOKU, UPC, UFZ, AIMEN, SEECOM, KRETA, IRIDRA and PESSL
1.1	27.01.2021	TTZ	Preparation of final version of D8.3

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1. Executive Summary

Current deliverable D8.3 is listing the dissemination and communication activities implemented during the 2nd year of the PAVITR project (01.02.2020-31.01.2021).

Due to the COVID-19 pandemic, the project suffered some delay in 2020 in terms of results achievement; consequently, the dissemination activities during the second year of the project were limited in extend.

2. Introduction and objectives

The objective of deliverable D8.3 is to list the dissemination and communication activities implemented during the 2nd year of the PAVITR project.

3. Dissemination and Communication activities (2nd year)

Table 1 List of e-Communication and Dissemination activities during the 2nd year of PAVITR project

	Date	Dissemination Activity	Type of Audience	Partner in charge	Category of activity	Link
1.	14.02.2020	Tweet about the launch of India-EU Water Projects on BIOAZUL SL Twitter account	General Public	BIOAZUL	Social Media	https://twitter.com/bioazul_spain/status/1095942354559791104?s=20
2.	14.02.2020	Tweet about start of PAVITR Project on Greenenvironment India Twitter account	General Public		Social Media	https://twitter.com/GreenenvironmentI/status/1095931903956271104?s=20
3.	23.06.2020	Publication: UN global compact: week of SMEs and SDGs	General Public	BIOAZUL	Press release / News	https://www.bioazul.com/en/global-compact-smes-sdgs/
4.	23.06.2020	Publication of good practise to build alliances to be more resilient: example of PAVITR	General Public	BIOAZUL	Social Media	https://www.linkedin.com/feed/update/urn:li:activity:6681104745253359616
5.	23.06.2020	Publication of good practise to build alliances to be more resilient: example of PAVITR	General Public	BIOAZUL	Social Media	https://twitter.com/bioazul_spain/status/1275347809781284864?s=20
6.	23.06.2020	Publication of good practise to build alliances to be more resilient: example of PAVITR	General Public	BIOAZUL	Press release / News	https://compactlink.pactomundial.org/plataforma-buena-practica?bbpp=636799
7.	08.08.2020	Updated Project Profile uploaded to seecon's institutional webpage	General Public	SEECON	Website	https://seecon.ch/project/pavitr/
8.	25.09.2020	Two days e-Workshop on, "Technologies for Wastewater Reuse and Recycling - Advancements and a Way Forward", jointly organized by the Symbiosis Institute of Technology and Ecosan Services Foundation.	Scientific Community (Higher Education, Research)	SIU	Organisation of a Workshop	https://forum.susana.org/146-webinars-and-online-meetings/24337-e-workshop-technologies-for-wastewater-reuse-and-recycling-advancements-and-a-way-forward

Date	Dissemination Activity	Type of Audience	Partner in charge	Category of activity	Link
9. 01.11.2020	Information about PAVITR in the ESPP – eNews / SCOPE Newsletter	emailed to over 50 000 stakeholders, companies and researchers worldwide	UPC	Newsletter	https://www.phosphorusplatform.eu/scope-in-print/enews/2014-essp-enews-no-49-november-2020
10. 04.12.2020	Oral presentation "Biokinetic and hydrodynamic modelling and simulation to assess high rate algal ponds design for wastewater treatment in India" at the AlgaEurope 2020 conference	Scientific Community (Higher Education, Research)	UPC	Participation to a Conference	https://www.facebook.com/100022818833868/videos/pcb.853653648738588/853652475405372/
11. 11.12.2020	1st International PAVITR workshop: Joint India-EU projects	Scientific Community (Higher Education, Research)	BIOAZUL	Organisation of a Workshop	https://pavitr.net/index.php/news-and-events/14-news/311-11-12-2020-2nd-international-workshop-joint-india-eu-projects.html
12. 16.12.2020	Information of PAVITR project, its goals, and its partners on Social Media	General Public	PESSL	Social Media	https://www.facebook.com/pesslinstruments/posts/1873508529466895
13. 16.12.2020	Information of PAVITR project, its goals, and its partners on Social Media	General Public	PESSL	Social Media	https://www.linkedin.com/feed/update/urn:li:activity:6744886581380866048
14. 16.12.2020	Information of PAVITR project, its goals, and its partners on Social Media	General Public	PESSL	Social Media	https://twitter.com/metos_austria/status/1339121405028429825
15. 16.12.2020	Information of PAVITR project, its goals, and its partners on Social Media	General Public	PESSL	Social Media	https://twitter.com/metos_austria/status/1339121405028429825
16. 11.01.2021	2nd-anniversary celebration message on Social Media	General Public	PESSL	Social Media	https://www.facebook.com/pesslinstruments/posts/1893499877467760
17. 11.01.2021	2nd-anniversary celebration message on SM	General Public	PESSL	Social Media	https://www.linkedin.com/feed/update/urn:li:activity:6754336791806959616
18. 11.01.2021	2nd-anniversary celebration message on SM	General Public	PESSL	Social Media	https://twitter.com/metos_austria/status/1348571836179734529

In the context of the state-of-art Report prepared at the beginning of the PAVITR project (deliverable D.1.1), IRIDRA and ESF prepared a publication in form of a book chapter about the data collected from the Coep case study of the NaWaTech project (unpublished data). The book chapter is entitled "College of Engineering Pune Hostel Campus: an Indian Experience of sustainable wastewater treatment and reuse" and it will be published in the book "Circular Economy and Sustainability: Environmental Engineering, Policy, and Management" edited by Prof. A. Stefanakis and Prof. I. Nikolaou, Elsevier. Unluckily the publication of the book foreseen for summer 2020 is terribly delayed and is now expected for April-June 2021. In the meanwhile, IRIDRA, BOKU and ESF published a chapter in another book, still citing NaWaTech and some of the Indian case studies (see below).

Table 2 List of publications during the 2nd year of PAVITR project

Type of publication	Title	Authors	Title of Journal / Proceedings / Book	Publisher	Year of publication	Available in Open-Access?	Peer-reviewed publication?	Joint public/private publication?
Chapter in Book	College of Engineering Pune Hostel Campus: an Indian Experience of sustainable wastewater treatment and reuse	F. Masi, R. Bresciani, A. Rizzo, D. Panse	Sustainability and Circular Economy, Volume 2	Elsevier	<i>Estimated for June 2021</i>	No	No	No
Article in Journal	A Systematic Review on Advancements in Drinking Water Disinfection Technologies: A Sustainable Development Perspective ¹ .	Sapna R. Shinde , Sayali Apte	Journal of Environmental Treatment Techniques	Dromaj publication	2021	Yes	Yes	No
Chapter in Book	Possibilities of nature-based and hybrid decentralized solutions for reclaimed water reuse ²	Masi F., Langergraber G., Santoni M., Istenič D., Atanasova N., Buttiglieri G.	Advances in Chemical Pollution, Environmental Management and Protection, Volume 5	Elsevier	2020	No	yes	no

¹ <http://dormaj.org/index.php/jett/article/view/84>

² <https://doi.org/10.1016/bs.apmp.2020.07.004>

Type of publication	Title	Authors	Title of Journal / Proceedings / Book	Publisher	Year of publication	Available in Open-Access?	Peer-reviewed publication?	Joint public/private publication?
Article in Journal	Wastewater Treatment Technologies: A Bibliometric Analysis ³	Vandana Patyal, Dipika Jaspal, Kanchan Khare	Science & Technology Libraries	Taylor & Francis group	2020	Yes	Yes	No

Finally, PAVITR project partners submitted during the 2nd year abstracts for research papers to following conferences:

- 9th International Symposium on Wetland Pollutant Dynamics and Control – WETPOL2021 – (13-17 September 2021) in Vienna, Austria ([WETPOL 2021 – Working at the interface of wetland science and water quality remediation](#)). Abstracts for a dedicated PAVITR session have been submitted by BOKU, AU and IITKGP.
- 11th International Conference on Environmental Engineering and Management – ICEEM 11 - (8-10 September 2021) in Muttenz, Switzerland (<http://iceem.ro/>). A dedicated PAVITR session has been accepted. A total of eight abstracts from TTZ, AMU, AU, NEERI/IRIDRA, UPC/AMU, AIMEN and BIOAZUL have been submitted.
- XIV Spanish water treatment congress – META 2020 - (2-4 June 2020) in Seville, Spain (<http://www.uco.es/meta2020/>) postponed to 1st-3rd June 2021. UPC submitted an abstract.
- IWA 17th Specialised Conference on Small Water and Wastewater Systems and 9th Specialised Conference on Resources Oriented Sanitation; planned for September 2020 in Belo Horizonte, Brazil. UPC submitted an abstract.

³ <https://doi.org/10.1080/0194262X.2020.1775164>

4. Conclusion

More dissemination and communication activities will be implemented along the installation of the 14 pilots in India in remaining 2 years of the project. They will be reported yearly in deliverables D8.4 (in January 2022) and D8.5 (in January 2023).