



wider uptake

Newsletter
May 2022

Dear all

Here are the latest news from WIDER UPTAKE. For all updates, see the [WIDER UPTAKE webpage](#).
Hope you will enjoy the reading!

Glimpses from the activities



Hamar: Bacteria are helping the phosphorous in decontaminated wastewater to be converted into an eco-friendly fertiliser. The product, struvite, has been approved as an organic fertiliser. [Read more](#)



Accra: WIDER UPTAKE will demonstrate the use of treated wastewater for urban farming and produce biochar from sludge to replace wood-based charcoal. Four baseline studies have been conducted to prepare towards the demonstration of water-smart solutions. [Read more](#)



Prague: A live demonstration of how treated effluent can be used for irrigation. WIDER UPTAKE demonstrates safe use of treated effluent for irrigation in grey-green solutions for urban development. [Read more](#)



Hamar: Sondre Eikås and Anders Øfsti are testing water quality at a workshop in April. [Read more](#)



Prague: Researchers from WIDER UPTAKE visited the irrigation boxes at the wastewater treatment plant of PVS at a workshop in May. [Read more](#)



Amsterdam: Project partners met in March to present results from the initial governance assessment and discuss stakeholder mapping, business models and the framework for assessment of water smartness and sustainability. [Read more](#)



24th Czech national conference: Prof. Ing. Jiří Wanner, DrSc. from UCT Prague delivered the introductory lecture on “New Trends in Wastewater treatment and Water Supply”. [Read more](#)



Corleone: Meeting with stakeholders and municipalities in February. [Read more](#)

News from the research activities

Work package 3: Work on methodologies for the assessment and optimisation of circularity and efficiency in water smart symbiotic solutions is progressing well in WP3. The relevant methods have been finalised and the team is working hard on preparing the associated project deliverable D3.1. Both assessment and optimisation methods will be explained in detail in the deliverable report and illustrated on examples motivated by project case studies. The report should make an interesting reading and will become available in May 2022.

Work Package 4: WP4 is currently working on two tasks: Documenting and facilitating efforts to develop the industrial networks linked to the demonstration cases and developing new business models for the solutions in focus. The plan is to have physical workshops in all the cases before the end of the year. The involved industry partners and research team will use the collected data as a basis for engagement with relevant stakeholders, to facilitate industrial symbioses. The knowledge gained will also be used for experience-sharing and co-learning across the cases.

Work Package 5: Work package 5 has started the scoping workshops with the demonstration case partners to define the water smartness and sustainability framework. Previously, the research and development partners have provided input to align with the work on management of health and quality risks (WP2), resource efficiency and circularity (WP3) and governance, networks and business models (WP4). Workshops with IVAR and Grønn vekst (demonstration case in Stavanger), NPSP, Waternet and TU Delft (demonstration case in Amsterdam), Hias, Sirkula and Hias How20 (demonstration case at Hamar) and PVS, Storm Aqua, Czech Technical University and the University of Chemistry and Technology (demonstration case in Prague), have been completed. We also plan workshops with the partners of the cases in Sicily and Ghana. The workshops are being conducted as a collaboration between WP1, WP4 and WP5 where we discuss the demonstration activities, and work with networks, business models and the assessment framework for water smartness and sustainability.

Work Package 6: Find updates from the activities in Italy [here](#)

Upcoming: Project meeting in Hamar



Photo: The historic paddle steamer "Skibladner" on Lake Mjøsa.

Project partners are invited to join us in Hamar, Norway, for the first real life gathering in the project.
We will:

- discuss policy issues and the development of the roadmap for implementation of water smart solutions for wastewater reuse and resource recover
- get presentations form the different demo cases and work packages
- visit the demo project at Sirkula and Hias where they have developed a method for recovering eco-friendly phosphorous from wastewater
- network and discuss the path forward

New publications

[Roadmapping the Transition to Water Resource Recovery Facilities: The Two Demonstration Case Studies of Corleone and Marineo \(Italy\)](#)

[See all publications](#)

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