



FIT4REUSE

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Safe and sustainable solutions for the integrated use of non-conventional water resources in the Mediterranean agricultural sector

Welcome to our project.

Let us introduce ourselves. **FIT4REUSE** is supported by the **PRIMA Foundation**, the Partnership for Research and Innovation in the Mediterranean Area funded under Horizon 2020, the European Union's Framework Programme for Research and Innovation.

The project aims to provide **safe, sustainable and accepted ways of water supply** for the **Mediterranean basin** by exploiting **non-conventional water resources**. Treated wastewater and desalinated water can contribute to compensate the gap between agricultural water demand and supply and provide consistently high quality water throughout the year.

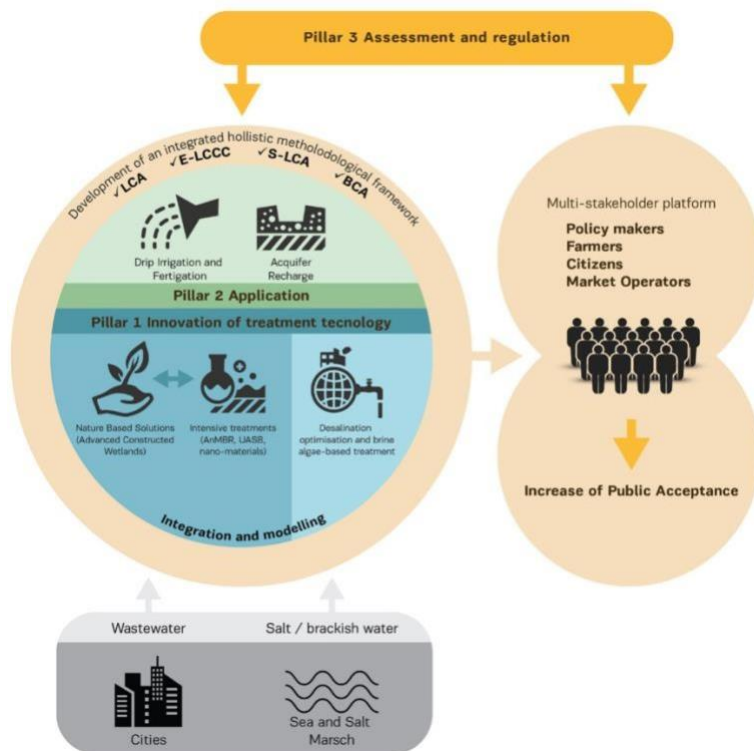
Find out more [here](#).



FIT4REUSE is part of the PRIMA programme supported under Horizon 2020, the European Union's Framework Programme for Research and Innovation.

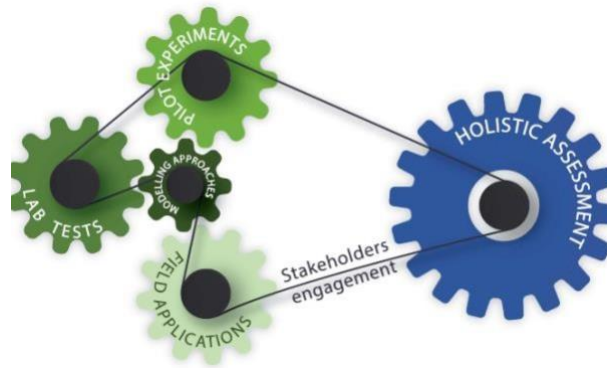
Grant Agreement number: [1823][FIT4REUSE][Call 2018 Section 1 Water]

#FIT4REUSE CONCEPT



FIT4REUSE will address both direct and indirect use of non-conventional water resources providing guidelines and perform a holistic assessment of the use of non-conventional water resources to improve public and legal acceptance of treated wastewater.

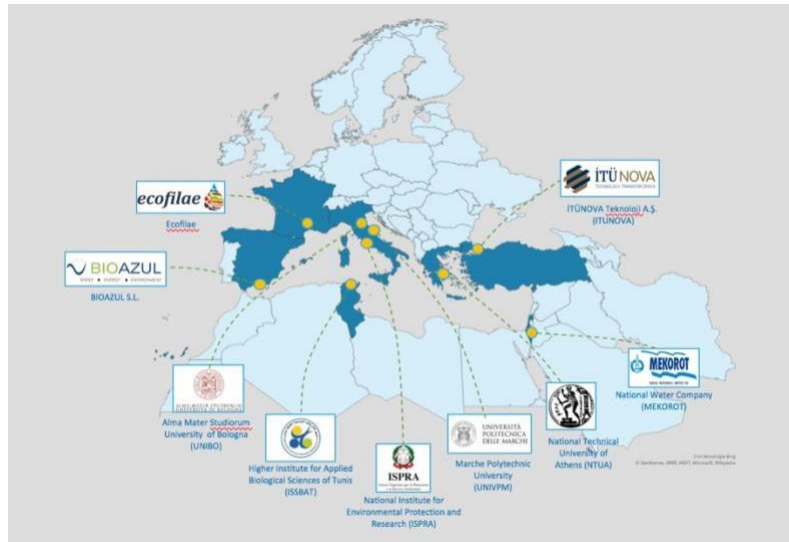
Finally, **FIT4REUSE** will create a specific methodological framework for impact assessment and a multi-stakeholder platform that will exploit the results and improve perception of non-conventional water resources.



Particularly, **FIT4REUSE** concentrates on the development of innovative, sustainable and low-cost technologies for:

- Municipal wastewater treatment
- Desalination
- Brine treatment and disposal

#OUR PARTNERS



3
Years



2,020,000
Budget



7
Mediterranean countries



9
Partners



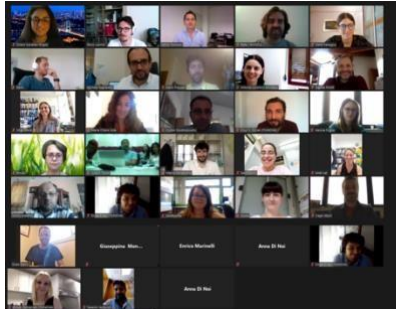
3
Demonstration sites

#HIGHLIGHTS



FIT4REUSE had a stand in the third edition of the Startup Europe Smart Agrifood Summit that took place from the 24th to the 25th of September 2020. The event, which is recognized and identifiable for all those involved in the agri-food sector, has been reinvented in 2020 to adapt to new circumstances and needs, and is one of the first major national events to be held both physically and digitally.

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The first annual meeting of FIT4REUSE held on 16th and 17th of June 2020. Due to COVID-19 outbreak, the meeting that was going to be held in Istanbul, Turkey, took place in virtual mode instead. Partners discussed about the implementation of the project and planned the next steps. One of the meeting's main highlights is that FIT4REUSE will also address COVID-19 issues related to municipal wastewater.

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FIT4REUSE was presented at the Dresden Nexus Conference 2020 on the 3rd June 2020 during the 'Water Management: Resource Recovery and Reuse Potentials' Session.

The conference was in a virtual mode and took place on 3-5 June 2020, under the theme: Circular Economy in a Sustainable Society.

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Organized by Ecofilae, the PRIMA project FIT4REUSE held its technical meeting on 18th and 19th February 2020 in Montpellier. The meeting brought together project's partners Ecofilae, UNIBO, BIOAZUL S.L. and ISSBAT to discuss the implementation of WP6 and WP7.

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FIT4REUSE project and objectives was presented in the EU Water Innovation Conference (EUWIC) 2019 which took place on 12th December 2019, in Zaragoza, Spain.

[Read more](#)



The technical and project steering committee meeting was held in Zaragoza, in Spain on 11th December 2019. In the meeting, the project progress made in the first 6 months and the upcoming activities were discussed.

[Read more](#)



UNIVPM presented FIT4REUSE project and objectives in the framework of the 1st European forum on regulation of water services (EFRWS) which was organized by WAREG, the association of European water regulators. The forum took place on the 3rd of December 2019, in Rome, Italy.

[Read more](#)

#PILOT PLANTS & EXPERIMENTAL SITES

Here you can find the first FIT4REUSE innovation and activities. Stay tuned for more.



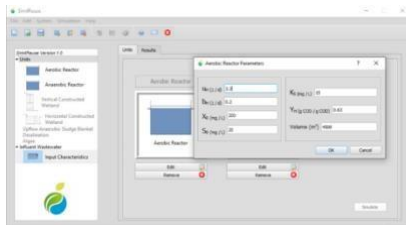
- Anaerobic MBR and UASB for optimizing intensive anaerobic wastewater treatment in Italy



- Resin with nano Zero Valent Iron produced by green tea extracts for testing the removal of heavy metals and emerging contaminants from wastewater effluent in Greece



- Innovative brine treatment pilot system for recovering calcium and magnesium in Italy



- Development of the Simulation platform for predicting the behaviour of nature-based and intensive technologies for wastewater and desalinated water treatment, Turkey



- Irrigation improvement systems for studying the application of non-conventional water resources in the agricultural sector in France

#COMING UP NEXT

- Release of the first FIT4REUSE video pill
- 1st Water Reuse Forum & 1st Water Reuse Days
- Installation and start-up of the single operation units of nature-based and intensive treatment solutions

—————> **Let's Reuse to Reduce** <—————

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