

Alternative  
water  
value-chain



The project **FIT4REUSE** will 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.

**FIT4REUSE** will focus on innovative, sustainable and safe treatment technologies, and on the use of treated wastewater and desalinated water in agriculture and for aquifer recharge. Also, specific methodological and assessment tools will be created to meet the project objectives.

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

- (i) municipal wastewater treatment,
- (ii) desalination, and
- (iii) brine treatment and disposal, and focuses its activities on the use of treated municipal wastewater and desalinated water for irrigation and aquifer recharge.

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

 [fit4reuse.org](http://fit4reuse.org)

 [www.facebook.com/Fit4reuse](http://www.facebook.com/Fit4reuse)

 [www.linkedin.com/company/fit4reuse](http://www.linkedin.com/company/fit4reuse)

 @fit4reuse

 [fit4reuse@unibo.it](mailto:fit4reuse@unibo.it)

#### Our partners:

- Alma Mater Studiorum–University of Bologna (UNIBO) - *Italy*
- Marche Polytechnic University (UNIVPM) - *Italy*
- National Institute for Environmental Protection & Research (ISPRA) - *Italy*
- BIOAZUL S.L. - *Spain*
- Ecofilae - *France*
- National Technical University of Athens (NTUA) - *Greece*
- National Water Company (MEKOROT) - *Israel*
- Higher Institute for Applied Biological Sciences of Tunis (ISSBAT) - *Tunisia*
- İTÜNOVA Teknoloji A.Ş. (ITUNOVA) - *Turkey*



#PRIMAProjects , #Research, #Innovation  
@PRIMAInnovation, @EuScienceInnov, @EU\_H2020

The content of this communication material reflects only the FIT4REUSE partners' view and PRIMA Foundation is not responsible for any use that may be made of the information it contains.



# FIT4REUSE

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

## Reuse to Reduce



# FIT4REUSE



FIT4REUSE is part of the PRIMA programme supported by the European Union.  
Grant Agreement number: [1823]  
[FIT4REUSE] [Call 2018 Section 1 Water].