

Innovative Technologies for Water Savings in the Touristic Facilities

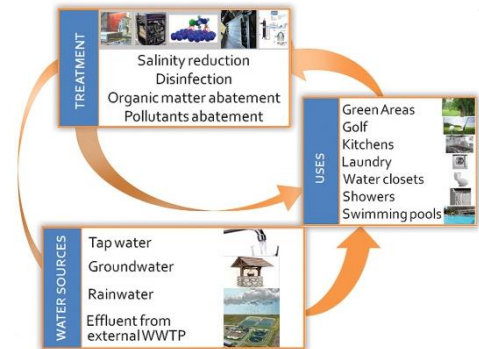
demEAUmed offers cutting-edge **innovative water technologies** resulting in the **reduction of fresh water consumption** and **efficient water management** in touristic establishments.

By using demEAUmed technologies, establishment owners will be able to:

- 1) **Lower water and carbon foot prints,**
- 2) **Lower their operating costs** (Water and/or energy).
- 3) **Increase sales** via obtaining a **green image and/or labels.**

Eight different categories of innovative treatment technologies (for different type of effluents) together with a monitoring, control and decision support system are integrated and demonstrated on the demonstration site at Samba Hotel, near Barcelona, Spain:

- a) 172 NM UV treatment,
- b) Electrochemical ozonation;
- c) Electrocoagulation-flotation technology (EC-EFI);
- d) Plimmer technology;
- e) Smart air MBR.
- f) Solar photo-electro-Fenton process (SPEF);
- g) UVOX technology and
- h) Vertical Ecosystem





These technologies provide cost-effective solutions for a safe reuse of treated waste water. They can be used individually or in a package.

More information on demEAUmed technologies at: www.demEAUmed.eu

If you are interested in investing in demEAUmed technologies, please contact demEAUmed technology provider **LGI Consulting** at eve.dallamaggiore@lgi-consulting.com

demEAUmed is a European water innovation project (2014-2017), involving tourist and water industry representatives, policy-makers, research centers and other stakeholders from 7 EU countries.

Project lead by: Administrative management:  Scientific management: 



"This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration under grant agreement no. 619116. The contents of this material are the sole responsibility of demEAUmed Consortium and can in no way be taken to reflect the views of the European Union."