

Alter Aqua

Global Water Partnership
Mediterranean

- Nikos Skondras



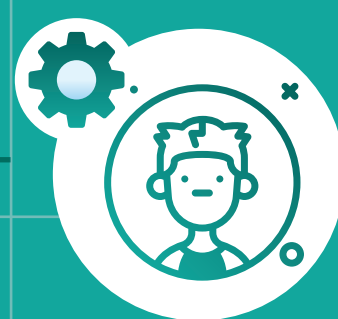
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more info



project



HOW

The Victory Square reservoir has a storage capacity of around 800,000 litres of water. The rehabilitated reservoir in Victory Square provides a new source of water for secondary uses within the city, such as street cleaning and the irrigation of green spaces.

Through the reservoir's restoration, the Alter Aqua project also aims to raise awareness on the important role of rainwater harvesting as an alternative, or non-conventional, water resource for addressing urban water demands.



WHAT

Rainwater harvesting cisterns

The **cistern** in Victory Square is thought to date back to around the 17th Century and is one of the largest **reservoirs** in Vittoriosa. Due to its central and historical importance, this reservoir was selected to be rehabilitated through the ALTERAQUA Project.

In fact, during 2021 the reservoir underwent extensive rehabilitation works to enable the reinstatement of its water catchment capacity. The rehabilitation works started with the removal of 64 tons of sludge. This was then followed by the cleaning and plastering of the walls and floors of the reservoir. New manholes were also installed to facilitate future cleaning works on the reservoir.

Vittoriosa's rich water conservation history is seen in the numerous public and private cisterns located within its urban area. These cisterns, if effectively used, could provide an opportunity for optimising the management of rainwater runoff flows within the city, reducing the risk of urban flooding and increasing urban climate resilience



CISTERN
RAINWATER HARVESTING
RESERVOIR
WATER SECONDARY USE



▲ tested/installed ● partner location