



TRESOR

Treating wastewater and sludge for irrigation and fertilizing

PROJECT TITLE TRESOR – Traitement des eaux usées et des boues résiduelles par filtres plantés et usage agricole durable

IMPLEMENTATION PERIOD 06.08.2020 – 30.09.2023

ORGANISATIONS INVOLVED Institut National de Recherche en Génie Rural, Eaux et Forêts (TN); Università di Catania – Dipartimento di Agricoltura Alimentazione e Ambiente – Di3A (IT); Comune di Scicli (IT); Regione Siciliana – Assessorato regionale dell’Agricoltura, dello Sviluppo Rurale e della Pesca mediterranea – Dipartimento Regionale dell’Agricoltura (IT); Centre de Recherches et des Technologies des Eaux – CERTE (TN); Institut National de la Recherche Agronomique de Tunisie (TN)

PROGRAMME Italy – Tunisia
ENI CBC 2014-2020

TOTAL BUDGET 991.959,75 €



In recent years climate change has strongly impacted economic sustainability. Faced with the degradation of water resources, the Mediterranean Region must resort to non-conventional water, especially treated wastewater, available all year round and reusable in agriculture after a treatment adapted to the use. Responding to the need of valorization of alternative water resources, the TRESOR project is introducing filter-based technologies for treated wastewater and waste sludge, in order to ensure water quality at low energy costs for irrigation and fertilizer use. The project is also implementing a tertiary treatment system of wastewater, based on the elimination of phosphorus, pesticides, metals, detergents.



WATER PROTECTION

ENVIRONMENT



Project co-funded by the European Union

