

Advanced systems for the enhancement of the environmental performance of WINERies in Cyprus

WINEC LIFE08 ENV/CY/000455

PROJECT LOCATION: Cyprus

BUDGET INFO:

Total amount: € 1371357

% EC Co-funding: 49.99 %

DURATION: Start: 1/2/10 - End: 31/10/12

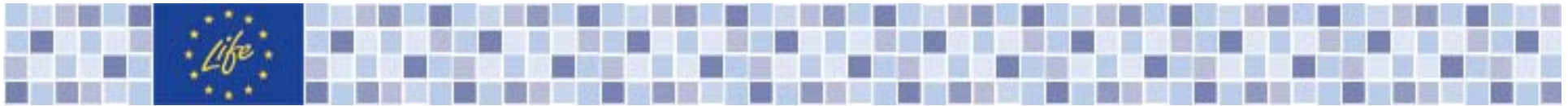


PROJECT'S IMPLEMENTORS:

Coordinating Beneficiary: University of Cyprus

Associated Beneficiaries: Technical University of Crete, RTD TALOS LTD, S.K. EUROMARKET LTD, Tsiakkas Winery, Environment Department - Ministry of Agriculture, Natural Resources and Environment





BACKGROUND and AIMS:

📌 WINEC aims at identifying the major environmental problems associated with the operation of wineries and establishing environmentally friendly and effective solutions to deal with those problems. These solutions include the development of an EMS and the development and commissioning of a pilot unit for advanced Winery WasteWater Treatment (WWWT) in order to improve environmental performance of wineries and achieve maximum protection of sensitive mountainous areas and resources.

MAIN EU POLICIES TARGETED:

- 📌 Implementation, promotion and improvement of relevant environmental legislation (e.g. Water Framework Directive, Urban Wastewater Treatment, Packaging Waste) and EMAS Regulation.
- 📌 Development/enhancement of policies and strategies on sustainable management and advanced wastewater treatment for wineries.
- 📌 Strengthening of wine eco-tourism.



MAIN ACTIVITIES:

- ✦ Review of wine industry in Cyprus and Europe
- ✦ Environmental Review for selected wineries in Cyprus
- ✦ Environmental Action Plan and policy for TSIAKKAS winery
- ✦ Building an EMS to achieve maximum protection
- ✦ Design for an advanced pilot WWWT as part of the EMS
- ✦ Construction and commissioning of WWWT plant
- ✦ Project results exploitation, Guidelines and specifications for improved environmental performance in the winery industry



EXPECTED RESULTS:

- 🍷 Reports on the current situation
- 🍷 Environmental review / Action Plan / Policy statement
- 🍷 EMS launch / training material (EMS and WWWT) / Audit reports
- 🍷 Operational WWWT plant (SBR+SOLAR) and long term operation
- 🍷 Dissemination Actions

