

Advanced systems for the enhancement of the environmental performance of WINeries in Cyprus (WINEC)



Deliverable 4

Environmental impacts related to the wine production process



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Summary

This Deliverable aims at the identification of the exact environmental impacts related to the wine production process in Cyprus and the various actions implemented by the Cyprus wineries in order to minimize or eliminate those impacts. This took place through a questionnaire survey targeting all 54 wineries in Cyprus through telephone.

Based on international literature, the environmental impacts resulting from the operation of wineries are firstly discussed. Following this general introductory part, the objectives of this study and the methodology followed are explained. Finally, the results arising from the processing of the completed questionnaires are discussed and useful conclusions about the environmental character of wineries are drawn.

The environmental impacts investigated through the questionnaire telephone survey included the following areas: winery wastewater, solid waste, air emissions, noise, water consumption, energy consumption, chemicals and environmental awareness. Out of the 54 wineries contacted, 46 have participated in this survey. The main results obtained through the questionnaire survey are summarised in the conclusions section while useful conclusions on the environmental impacts of Cyprus wineries are drawn.

For more information about the complete deliverable please send an email to lioann01@ucy.ac.cy or mvatyl@ucy.ac.cy.

