

# Drone in Agriculture: A Start-Up Case Study in Ragusa

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## SUMMARY

The present case study explores the possibility of creating a Start-up, that uses drone technology (APR) in farm production management: e.g. olives, vineyards, carobs, orchards, in small-medium enterprises. Considering the market value of a subject's production capacity whilst using trees' health, process improvement, plantation type mapping, and production record as parameters, we will try to analyze and understand if this new kind technology can be efficient to eventually determine an increase in the enterprise's investment rating for credit lending purposes, and to understand future cost expenditures (upkeep) to maintain increase in production in the global competitive market.

The case study focuses on an existing small-medium enterprise which has known production record in the previous years.

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