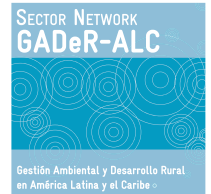


# AI in practice - Pest control in Ecuador's banana cultivation



**Nombre del Programa/Proyecto:**

Sustainability and Value Added in Agricultural Supply Chains

**País:**

Ecuador

**Tema/ sector/ workstream:**

Rural development, Agriculture, Biodiversity, Climate, ICT / ICT4Ag, Good agricultural practices (GAP)



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Although pest infestations are a well-known problem in banana production, they are increasing due to climate change-induced extreme weather events. It is feared that climate change will increase the severity of the disease. Many conventional methods of pest control are costly and require large amounts of chemical pesticides that contaminate soil and water. This is where AI comes in: drones and a web platform help monitor different crops and detect pests and diseases in a timely and cost-effective manner. This allows the use of pesticides to be more precise and minimised.

Know more here: [AI in practice - Pest control in Ecuador's banana cultivation \(nachhaltige-agrarlieferketten.org\)](#)

Or in IDA (GIZ intern) [AI in practice – Pest control in Ecuador's banana sector \(sharepoint.com\)](#)

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