LIFE LASER FENCE

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www.laserfence.eu

Laser systems: reducing food chain poisoning and minisiming chemical exposure in the environment

Did you know?

Wild animals are attracted to crop cultivation and storage areas, due to the abundance of food. Uncontrolled grazing on stored and agricultural crops can cause important losses, reducing farm income.

Until now, traps and poisons have been used to control rodents and other wild animal populations. But even when well used,poisons can accumulate in ecosystems with lethal consequences for some non-target species such as owls, vultures, hawks, eagles and falcons.

Project targets:

Reduce crop losses caused by animal intrusion by 50%.

Show 0% use of rodenticide in crop areas by the end of the project.

Demonstrate that using Agrilaser technology can result in a 80% lower exposure of birds to herbicides and pesticides by the end of the project.

Improve biodiversity by preventing poison entering the trophic chain and lowering CO_2 emissions by reducing rodenticide use.

This EU project aims to:

Demonstrate the effectiveness of a new laser technology by repelling animals from areas of interest across Spain, The Netherlands, England and Scotland.

Show how this effect can reduce farmer's use poisons.

Develop cost-efficient and sustainable agricultural management practices by incorporating technologies such as laser fences and remote-sensing drones.

This project is co-funded by the European Union through the **LIFE Programme**.