MONITORING SYSTEM FOR VEGETATED AREAS AND REMOTE ACCESS DETECTION, SUITABLE FOR OPEN FIELD AREAS

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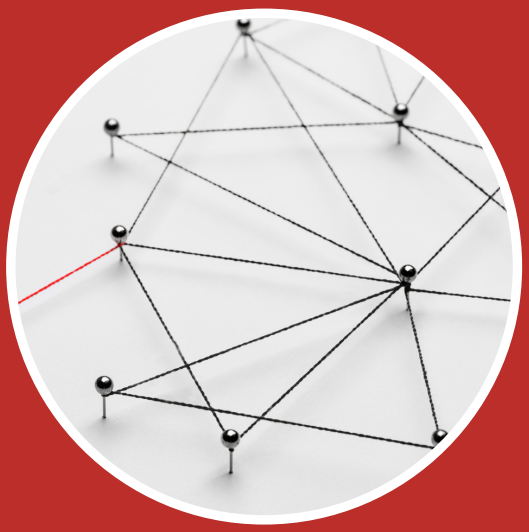

The invention concerns the development of a modular environmental monitoring and remote sensing network, particularly suitable for agricultural and productive land. The system consists of a set of autonomous devices, powered by photovoltaic panels.

Protection: Italy, with possibility of international extention

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INVENTION

The system consists of a set of devices (nodes) effective for monitoring an open space through photos, realising a control system through presence sensors, and extending a WiFi coverage over the monitored area with a mesh structure.
The devices are autonomous, powered by photovoltaic panels, and characterised by the presence of two complementary circuits.

ADVANTAGES

- Improvement of product quality characteristics
- Elimination of disposal costs related to spent filter material used for traditional filtration
- Clarification of oil without concomitant reduction of important minor components

APPLICATIONS

- Precision farming;
- Security system;
- Outdoor net coverage;

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