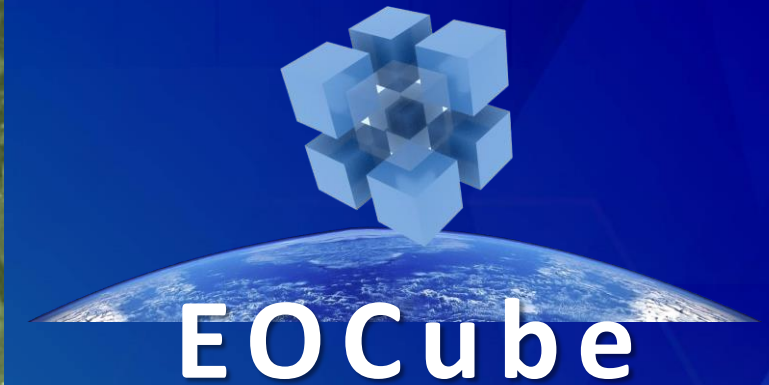


Earth Observation Cube



Souha LABIDI
Founder

EOCube, is a startup that designs and develops AI based tools in response to the global challenges imposed by the effects of climate change with proactive and disruptive solutions.



USE CASE

Wee, a new tool to improve the response against the epiphytic red palm weevil.



Application: Environmental

Location: Tunisia and Algeria

Products: Pléiades Neo



with the aim of slowing down its progression towards the sensitive zones of the oases





Solution & Results

- The solution sought to curb and eradicate the insect is to propose a means of early detection of the infection to allow rapid treatment.
- The first phase of Wee, consisted in developing a tool whose function is to detect, from the Pleiades Neo images, the palm trees of the Canariensis species in urban areas.

Pléiades Neo Imagery helped to:

- **Detect palm trees of the Canariensis species in urban areas**





Benefits

With Pleiades Neo images it is possible to

- detect palms while differentiating species
- determine their phytosanitary status
- cover large areas at a very reasonable cost
- and to follow the epiphytic phenomenon of the red palm weevil with a repeatability that exceeds the speed of its evolution.

With all these advantages of Pleiades Neo images, Wee creates a break with the current method of managing the control of the red palm weevil epiphyte.

Organisation involved:

