

Smart soil monitoring

TERRA
by heli**o**tics

Monitoring soil conditions using LPWAN and IoT sensors is a way to effectively monitor soil features – **moisture, temperature or electrical conductivity** in **real time**.

The combination of our **intelligent software** and **sensors** offers a complete overview of the soil conditions for specific plants or stands, irrigation planning up to **reducing costs** related with soil maintenance.

We provide a **flexible** and **reliable** solution for all customers from individual growers to cities or municipalities managing parks and public greenery.



Main Benefits

complete management of soil, greenery and plants in a selected area



optimization of watering routes and related costs



monitoring and analysis of parks, lawns, vineyards or cultivation units



Advantages of Terra



Soil and greenery overview



Data visualization and export



Watering routes planning



Watering cycles optimization



Wireless solution



Connection with weather station



Connection with irrigation system



Long lasting devices



Maintenance-free devices



Above and below the ground



Alerts



Web and mobile app



User management



Applicable in flower pots