![MANIOLA smart sensing logo — Observe - know - take action]
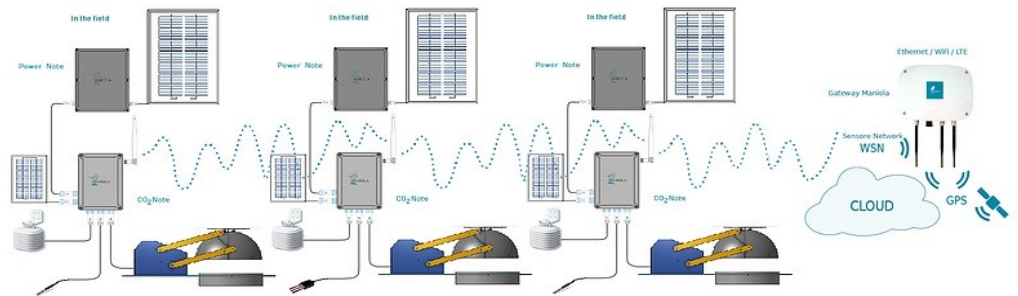
CARBON MOTE
Management on carbon dioxide rilevation

CARBON MOTE, is a software and hardware system by MANIOLA smart sensing, able to detect the content of carbon dioxide released from the ground.

CARBON MOTE is able to control several CO_2 detection chambers simultaneously, it is made up of configurable receiver / transmitter cards to define, read, control and modulate the environmental parameters.

CARBON MOTE allows to obtain the temporal and spatial distribution of carbon dioxide emissions. There are no limits to installable chambers.

In this way, through any device connected to the internet, it will be possible to carry out analyzes and energy reports on the entire plot of land
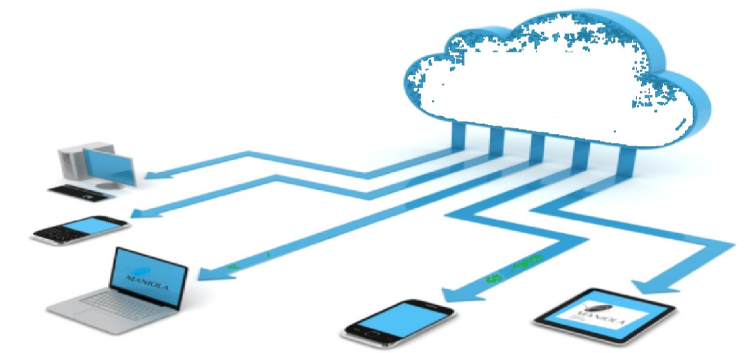
TARGETS:

- measuring the CO2 exchange between soil and atmosphere

- obtain information on the state of health of the land

- calculate the environmental impact of human activities on the territory

- monitor in real time the data relating to each room.

… and much more

CARBON MOTE

It is a WSN application for managing the respiration detection chambers. web based, which allows the creation of a centralized CO2 control archive with multiple detection in large spaces.

CARBON MOTE is WSN

CARBON MOTE, uses the WSN system, Wireless Sensor Network, which is a wireless mash network, equipped with distributed sensors capable of detecting physical phenomena or monitoring environmental conditions. The network consists of a set of sensor nodes installed in the field, which communicate with a gateway, to which they transmit the data.

GATEWAY is the network access port and has the task of collecting and processing data in the cloud, this allows the display of the status of the plant in real time from any device (computer, mart phone, tablet).
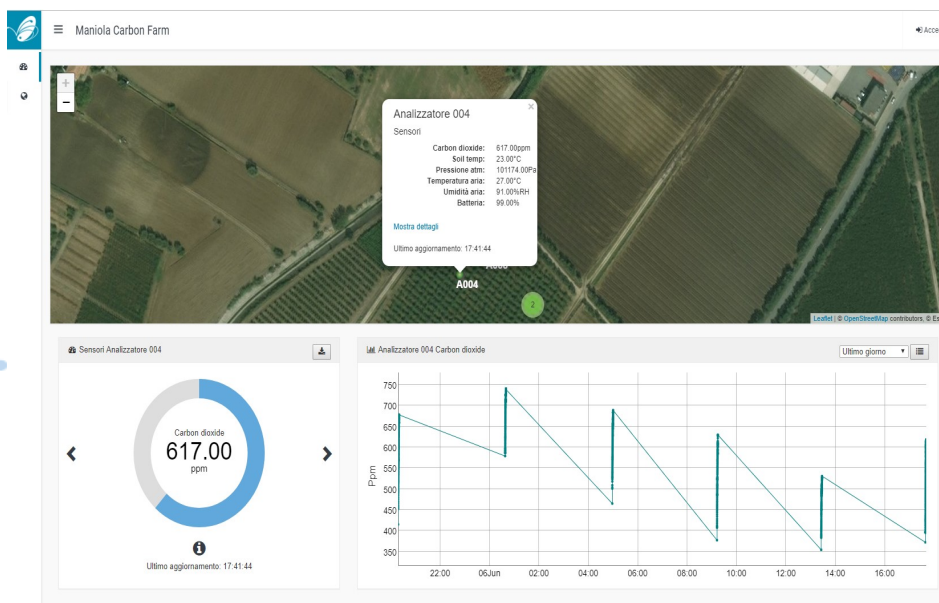
MANIOLA
smart
sensing
Observe - know - take action

Business Proposal

- Devices to be installed in the field

- Control Unit

- buying hardware

- Buying of units

- Annual subscription for software maintenance

- free software update

SOFTWARE CARBON MOTE

IL SOFTWARE is resident in the Cloud, allows you to access with a dedicated password depending on the credentials assigned.
It will be possible to log in as:
- MANAGER
- MAINTENANCE
- VIEWER
It will be possible to monitor the health of the land trough the system , and monitor the environmental parameters.

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