

# MAKE IT YOURS, HOW DO YOU GET STARTED?

The Lumbara solution is an easy and affordable system that can quickly be installed in phases according to the objectives or issues you're looking to address.

Contact us for a free survey and price estimate

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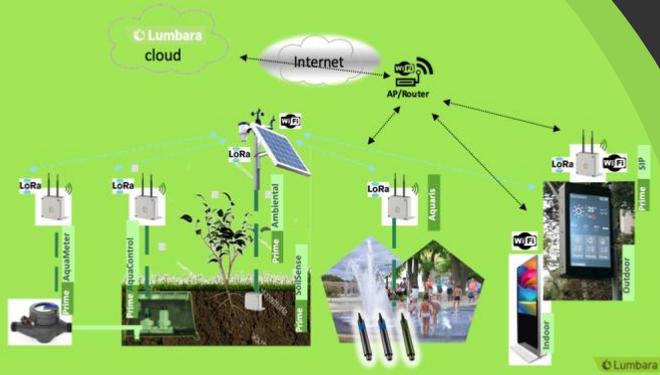


# LUMBARA

MAKING GREENER CITIES

## BY FRONTIERCONNECT

Lumbara is an intelligent end2end solution combining IoT, radio communication and back-end smart software platform in order to monitor, manage and improve, plants, green areas, irrigation, water systems, incidents and security.



# GREEN ZONES THE LUNGS OF YOUR CITY

Cities' green zones are facing several major threats like, climate change, pollution, water & energy loss, plant diseases and people activity. These factors lead to higher cost to control and maintain.

## THE LUMBARA SOLUTION

### SMART IRRIGATION

Adding intelligence to your existing irrigation systems to save water and energy. Lumbara helps control pumps and water metering. It makes system efficiency smart thanks to environmental sensing (air quality, precipitations, ultraviolet and photosynthesis).



## WATER QUALITY MONITORING

Reduce the risk of people infections with giardia, legionella or other water origin diseases. Lumbara actively monitors your, lakes, ponds, fountains or other water playgrounds.

Helps environmental call2action with a comprehensive management and alerting platform, up to automatic disinfection.

## ISOLATED GREEN PLACES

Your smaller green places are not left behind as they can be fully embedded in the Lumbara solution, also coming with monitoring and call to action alerts for them. This helps you to optimize your human interventions and to shape a better city landscape.

## SMART INFO PANEL

Thanks to its digital signage function Lumbara can help you to show, indoor or outdoor, the city pulses, real time.

Inform your citizens with environmental information you chose to show (weather, UV, pollution, noise, traffic or city alerts...)



Top up the Lumbara solution information with your own information like, events, concerts or advertisements.

## INTELLIGENT CLOUD PLATFORM

Lumbara comes along with an intelligent cloud platform to collect all sensed data.

It allows to monitor and to manage all city areas with data analytics and predictive advices for solar radiation, UV, temp., humid, atmospheric pressure, rainfall, soil temp., humid. & PH, water metering...

Plan your activities and related costs. Automate or manually manage irrigation. Detect pollution or weather impacts on plants. Dig in data history across years for better decision-making.

Offers cross-functional services