



Parco Le Pradelle, Reggiolo, Reggio Emilia Italy

Italian Contractor, Spazio Verde® Uses Rain Bird® Products to Revitalize Parco Le Pradelle

Parco Le Pradelle is a public area for the residents of Reggiolo, a town in the province of Reggio Emilia, Italy. Thanks to funding from the region, the park has recently been reconstructed after being destroyed by a 2012 earthquake that hit the municipality. Reggiolo residents enjoy the sprawling, central, green space for meeting and socializing.

THE CHALLENGE

The province of Reggio Emilia has a hot, dry climate and water for the park is procured from a local well, making water conservation imperative to the project. The municipality would like for the park to highlight the importance of water conservation to residents and demonstrate The Intelligent Use of Water® through resourceful, innovative, and cost-effective irrigation technology.

THE SOLUTION:

Spazio Verde has trusted Rain Bird products for over 20 years. They have chosen to use Rain Bird's water-saving products yet again to implement an intelligent, cost-effective, and water-saving irrigation system for the park.



ESP-ME3 Controller

Core Products Used:

- [ESP-ME3 Controller](#)
- [LNK2 WiFi Module](#)
- [RSD Rain Sensor](#)
- [5000+ Series Rotors](#)
- [3500 Series Rotors](#)
- [1800° Series PRS Sprays](#)
- [VAN Series Nozzles](#)

KEY OBJECTIVES

- ✓ **Conserve Water**
- ✓ **Reduce Waste**
- ✓ **Maximize Efficiency**
- ✓ **Minimize Costs**



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APPROACH:

Get Smart with an ESP-ME3 Controller

This flexible and easy-to-use controller can support up to 22 stations and uses internet-based weather forecasts to proactively adjust irrigation schedules. Spazio Verde will upgrade the ESP-ME3 to a Smart controller by adding an LNK2 WiFi module which will allow for easy irrigation programming, real-time monitoring, and daily reports through the free Rain Bird app.

Respond to Rain in Real Time

For even greater accuracy, Spazio Verde will also install RSD Rain Sensors to automatically shut off irrigation during locally-detected rainfall, preventing any chance of overwatering or water waste. The RSD Rain Sensor will relay precise rainfall data to the ESP-ME3 Controller for advanced reporting and response.

Pair VAN Nozzles with 1800® Series PRS Spray Heads

Spazio Verde will use VAN Nozzles on 1800 Series PRS Sprays equipped with a patented in-stem pressure regulator to create a WaterSense-certified pairing that will **save up to 35% in water**. Used in parks across the world, Rain Bird's durable and versatile 1800 Series PRS Sprays come in a broad range of pop-up heights to suit any environment.

Lean on High-Performance Rotors

The team plans to utilize rotors from Rain Bird's 3500 and 5000+ Series for the ultimate control and water conservation. 3500 Series Rotors will be ideal for smaller spaces, providing accuracy and resistance to wind and evaporation. Known to be the industry's most reliable and best-performing rotor, the 5004 Rotor features a Triple-Blade Wiper seal and Rain Curtain™ nozzle for perfectly even coverage and maximum efficiency.



“ Directly from our smartphone or laptop, we can check the forecast of the park and the rainfall through the SMART Controller. The LNK2 WiFi module gives us a great opportunity to have a daily report for everything. Daily reports from the controller give us the opportunity to set up the irrigation system in the best way.

PIETRO LORO
COO, SPAZIO VERDE



RESULTS:

Intelligent Water Conservation Solutions for Renewed Park

Thanks to Spazio Verde's Intelligent Use of Water® with advanced Rain Bird products, Parco Le Pradelle is now a shining example of excellent water stewardship. Residents of Reggiolo can enjoy a beautiful park with luscious green grass while a leading-edge irrigation system supports water conservation efforts and provides a cost-effective solution for the municipality.