SENSOTERRA
we make sense of water

**CASE STUDY
SMART CITY**

Smart technology
for healthy urban green

How integrated data helps municipalities and landscapers save water, costs, and reduce CO2 emissions for healthy urban green

ConnectedGreen, a Dutch landscaping data integrator, provides smart data solutions for landscapers and cities, for insights into soil and plant health associated with workflow support for irrigation and maintenance.

ConnectedGreen has been a Sensoterra Integration Partner since early 2017 using soil moisture data within their sensor independent platform. Since then, they have installed more than 2000 Sensoterra sensors across the Netherlands and Belgium.

With the platform, various projects are being monitored from tree care, planters, green roofs and walls, lawn maintenance and sports field irrigation. Equally important is the smart city data integration which is supported by ConnectedGreen.

"With Sensoterra sensors we can see at a glance which projects need immediate attention."

HIGHLIGHTS
City of The Hague,
The Netherlands saved
1.2 million liters of water
in 2020

PARTNER
ConnectedGreen B.V.

BUSINESS
Landscaping & Smart Cities

CONNECTIVITY
KPN, PROXIMUS

ConnectedGreen works together with multiple landscaping companies and is used by almost a third of all municipalities across the Netherlands. Projects include the city centers of The Hague, Tilburg, Amersfoort and Amsterdam, green walls in office buildings and public places, parks, private properties and professional sports fields.

HEALTHY URBAN GREEN
Sensors are crucial for project management, where success is directly related to plant health. Landscapers are held liable and must pay for expenses incurred due to project mismanagement, such as over- or under-irrigation.

To minimize waste, unnecessary cost and to optimize efforts, landscapers must continuously measure soil moisture across all projects.

The ConnectedGreen app seamlessly integrates with the sensor data via the Sensoterra Open API, resulting in clear calls-to-action based on data analysis.
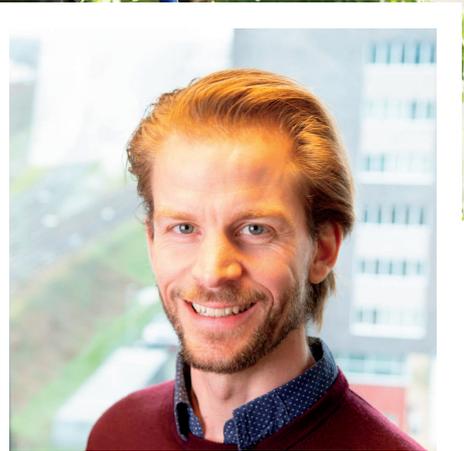
REDUCING COSTS, SAVING WATER
Knowing which projects require attention, ConnectedGreen can give clear indications when exactly to irrigate, optimizing the workflow.

"This saves time, money & manual irrigation rounds - it keeps the plants healthy."

NATIONAL CONNECTIVITY - PLUG & PLAY
In the Netherlands, KPN provides national LoRaWAN coverage. Sensors can be placed anywhere in the country, allowing year-by-year growth for ConnectedGreen.

"It's a matter of just receiving the sensor and placing it in the soil at the recommended location."

"With Sensoterra sensors we can see at a glance which projects need immediate attention."
Hans Schaap, CEO ConnectedGreen

ABOUT CONNECTEDGREEN
Founded in 2017, ConnectedGreen provides a smart system for remote monitoring of green projects. Making the world greener with smart technology.
www.connectedgreen.nl

ABOUT SENSOTERRA
Sensoterra, established in 2015, with its headquarters in Houten, The Netherlands, develops water management solutions for agriculture & horticulture, smart city management, and water governance. Sensoterra has more than 12,000 sensors in the ground globally, and generates hundreds of thousands of data points for smart water management, daily.

© Sensoterra International B.V. | Houten, The Netherlands | 2023

IN PROUD PARTNERSHIP WITH
EPA WaterSense PARTNER

Smart Approved WaterMark

NWP | Netherlands Water Partnership