EVERY. DROP. COUNTS. — DOUBLE!

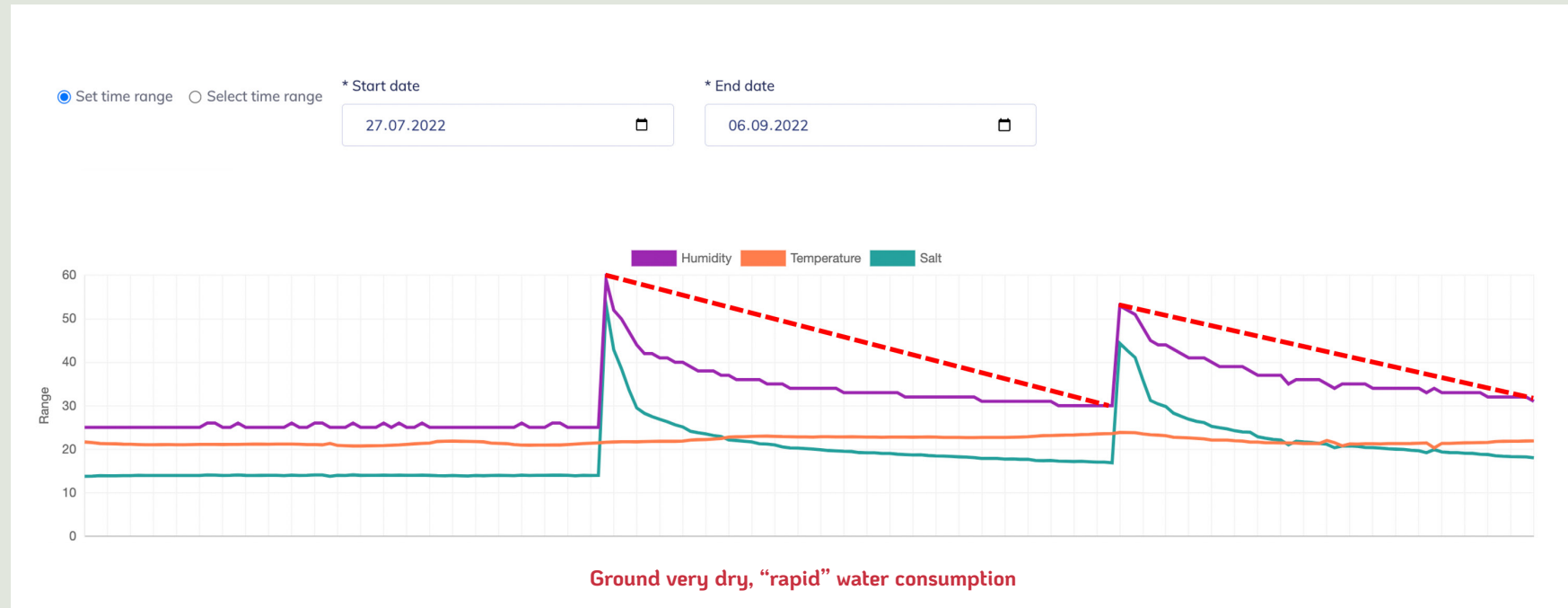## SUCCESS STORY: CITY OF BREMEN — PROJECT OAKS 100+ YEARS

PROJECT

In Bremen there are many beautiful **oak avenues,** but some of them do not "look" healthy, although irrigation activities take place.

GOAL

Using 10 oaks to understand why the current effort is not reflected in the appearance of the trees and how **sufficient supply** can be achieved **at the root.**

APPROACH

IIn 4 neighborhoods, **20 sensors** were installed on **10 oak trees** — at two different depths and especially close to the roots. Monitoring of the values (6 months) should provide good results to **optimize future irrigation.**

Ground very dry, "rapid" water consumption

RESULT

After installing the sensors in different parts of the city, measures for **regular and species-appropriate watering** were implemented. Thanks to the real-time data, the very valuable trees (oaks 100+) will be optimally cared for in the future — e.g. water at the root not at the trunk.

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SMART GARDENING