

EVERY. DROP. COUNTS. – DOUBLE!

SUCCESS STORY: CITY OF NUREMBERG – SENSOR MANDELA SQUARE TOP VERSUS BOTTOM

PROJECT

In partnership with Humberg Baumschutz, we installed **2 sensors each at different heights** (30 cm and 70 cm) on various city trees in Nuremberg.

GOAL

The goal of the pilot was to monitor the water supply to the trees at various depths and to reconcile and **optimize watering rates and times** with real time readings.

APPROACH

On one afternoon we deployed the sensors on 4 trees and activated the radio link; the data was **immediately visible in the dashboard**.



RESULT

Very quickly it was realized that although irrigation was carried out as planned, **the water did NOT reach the root of the tree**. This both damages the tree and wastes water without effect. Irrigation schedules need to be adjusted.