

EVERY. DROP. COUNTS. – DOUBLE!

SUCCESS STORY: LANDSCAPE GARDEN OBERHAIN – IRRIGATION PLANNING (72 SENSORS)

PROJECT

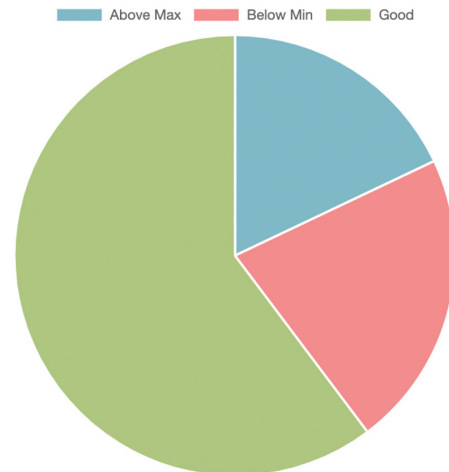
The (botanical) landscape garden Oberhain has almost **8000 sqm** and is maintained by the owner. Since **50+ different plant species** “live” here, technical help is indispensable.

GOAL

Continuous monitoring of the various plants on the site, so that the **existing irrigation can be used optimally**. Sustainability in both energy and water consumption.

APPROACH

72 sensors were installed on the site and the **data collected and visualized with FLORJA**. Irrigation schedules and notifications are used to optimize irrigation/maintenance.



Status Report- Humidity

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S.No	Name	Customer	Street	ZIP	Humidity	Minimum	Maximum	Last measurement	Measurement
1	Hausumgang - Eiben (test-13-58)			61273	54	35	65	07-10-2022,20:03:54	Good
2	Beet an Hecke SG hinten (test-13-25)			61273	0	35	65	07-10-2022,15:01:09	Below Min
3	Nussbaum SG (test-13-36)			61273	46	35	65	07-10-2022,18:52:22	Good
4	Rosengang (test-13-66)			61273	56	25	50	07-10-2022,20:28:39	Above Max
5	Rhodos am Trampolin (test-13-5) VERLOREN			61273	0	35	65	01-07-2022,12:31:17	Below Min
6	Hecke SG hinten (test-13-24) VERLOREN			61273	0	35	65	01-07-2022,12:03:37	Below Min
7	Sichelbeet (test-13-18)			61273	0	35	65	06-09-2022,17:46:30	Below Min
8	RESERVE (test-13-78)			61273	0	35	65	15-07-2022,21:37:26	Below Min
9	Hecke LGO (test-13-21)			61273	55	35	65	07-10-2022,20:08:39	Good
10	Spitze Weg Heide-Felsengarten (test-13-53)			61273	68	35	65	07-10-2022,19:43:19	Above Max
11	Saxifraga an Birke SG (test-13-29)			61273	55	35	65	07-10-2022,19:06:16	Good

RESULT

The Oberhain (botanical) landscape garden is monitored with 70+ sensors in real time and both irrigation and fertilization are controlled intelligently or on demand with the data. Since the garden is **managed by only one person**, the dashboard and reports are especially important.